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[Decisions of the United States Court of Appeals for the District of Columbia are indicated by the letter (*); of the United States Court of Customs and Patent Appeals by a star (*).]

ERRATA

In the O. G. for June 28, 1938, on page 757, under "Labels" registered June 28, 1938, second column, Number 51,435, for the title "Macaroni" read *Marconi*.

Page vii under List of Registrants of Labels, second column, Number 51,435, Refined Macaroni Co., for the title "Macaroni" read *Marconi*.

Trade-Mark Publication, page 32, first column, Serial Number 404,059, Severino Abuin Y Compania for the Mark "El Nino" read *El Mino*—Official Gazette, September 6, 1938.

List of Patentees, page xxi, first column, following "Mones" read *Mooney, John R. (See Economy Oil Filter Company, assignor)*—Official Gazette, September 13, 1938.

Page 433, first column, following Patent Number 2,130,286 for Patent Number "2,130,325" read number *2,130,287*—Official Gazette, September 13, 1938.

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Abuin, Severino, y Compañia, Habana, Cuba. Pork sausages and sausages. Serial No. 404,059; Sept. 6. Class 46.

Alka-Tone Company, Baltimore, Md. Preparation for the treatment of high blood pressure and headaches. Serial No. 407,705; Sept. 6. Class 6.

Allan Engineering Company, Incorporated, Dallas, Tex. Forced draft attic ventilators. Serial No. 405,283; Sept. 6. Class 34.

Allied Mills, Inc., Chicago, Ill. Livestock feeds. Serial No. 407,653; Sept. 6. Class 46.

American Disinfecting Co., Inc., Sedalia, Mo. Liquid preparation for surfacing, dressing, etc. floors, and wax and paint removers. Serial No. 400,675; Sept. 6. Class 16.

American Fork & Hoe Company, The, Cleveland, Ohio. Rakes, forks, hoes, etc. Serial No. 406,794; Sept. 6. Class 23.

American Import Company, The, San Francisco, Calif. Handkerchiefs. Serial No. 408,182; Sept. 6. Class 39.

American Pop Corn Company, Sioux City, Iowa. Buttered and candied pop corn. Serial No. 407,032; Sept. 6. Class 46.

American Seal-Kap Corporation of Delaware, Long Island City, N. Y. Milk bottle caps. Serial No. 400,079; Sept. 6. Class 50.

Anderson Company, The, Gary, Ind. Chemical cleaners. Serial No. 402,458; Sept. 6. Class 4.

Anderson Company, The, Gary, Ind. Vehicle glare shields and glare reducers. Serial No. 402,460; Sept. 6. Class 19.

Anemostat Corporation of America, New York, N. Y. Fan-driven ventilators, air diffusers, and air aspirators. Serial No. 406,041; Sept. 6. Class 34.

Apples & Pears, Inc., Yakima, Wash. Fruits. Serial No. 408,081; Sept. 6. Class 46.

Aren Beverage & Spring Water Co., Milwaukee, Wis. Carbonated beverages. Serial No. 408,778; Sept. 6. Class 45.

Augustin, J. J., doing business as J. J. Augustin, Publisher, New York, N. Y. Travelogue books. Serial No. 407,179; Sept. 6. Class 38.

Automatic Electric Company, Chicago, Ill. Telephone sets and impulse senders therefor. Serial Nos. 399,990–2; Sept. 6. Class 21.

Averill, George G., San Pedro, Calif. Fresh melons. Serial No. 408,082; Sept. 6. Class 46.

Babani, Maurice, Paris, France. Perfumes, toilet water, face powder. Serial No. 407,517; Sept. 6. Class 6.

Bamberger-Reinthal Company, The, Cleveland, Ohio. Sweaters and sweater coats. Serial No. 408,448; Sept. 6. Class 39.

Beach Leather Company, The, Coshocton, Ohio. Leather pocketbooks or bill folds. Serial No. 408,560; Sept. 6. Class 3.

Beard, L. O., Tool Company, Lancaster, Pa. Reamers, pistons, piston pins, etc. Serial No. 398,605; Sept. 6. Class 23.

Beer, William J., Company, Inc., New York, N. Y. Skis and component parts thereof. Serial No. 406,171; Sept. 6. Class 22.

Berg Sales Co., Chicago, Ill. Razor blades. Serial No. 408,414; Sept. 6. Class 23.

Blair Distilling Company, St. Francis, Ky. Whiskey. Serial No. 408,339; Sept. 6. Class 49.

Bloch Brothers Tobacco Co., The, Wheeling, W. Va. Smoking and chewing tobacco. Serial No. 406,909; Sept. 6. Class 17.

Brown Durrell Co., Boston, Mass., and New York, N. Y. Hosiery. Serial No. 407,791; Sept. 6. Class 39.

Brumback, Paul G., doing business as Cleanse-All Products Co., New York, N. Y., and Kansas City, Mo. Shampoo, bath and facial preparation. Serial No. 396,760; Sept. 6. Class 6.

Buchanan, James, & Company Limited, London, England. Whisky. Serial No. 408,780; Sept. 6. Class 49.

Bullock's, Inc., Los Angeles, Calif. Foundations, girdles, and corsets. Serial No. 408,232; Sept. 6. Class 39.

Burberrys Limited, London, England. Coats and top coats; jackets; etc. Serial No. 398,456; Sept. 6. Class 39.

Burberrys Limited, London, England. Coats and top coats; jackets; etc. Serial No. 398,458; Sept. 6. Class 39.

Burton-Dixie Corporation, Chicago, Ill. Mattresses, box-springs, couches, etc. Serial No. 408,530; Sept. 6. Class 32.

Butchers' Advocate Co., Inc., The, New York, N. Y. Publication. Serial No. 407,005; Sept. 6. Class 38.

Cardinal Laboratories, Inc., Chicago, Ill. Bottle caps, can caps, container closures and corks. Serial No. 407,355; Sept. 6. Class 50.

Celluloid Corporation, Newark, N. J. Chemical substance or mixture used as a lubricant, etc. Serial No. 407,362; Sept. 6. Class 6.

Champion Products Co. (See Raymond, Albert C. S.)

Chartreuse Corporation, New York, N. Y. Liqueurs. Serial Nos. 407,530–3; Sept. 6. Class 49.

Clark Brothers Chewing Gum Company, Pittsburgh, Pa. Candy coated chewing gum. Serial No. 408,418; Sept. 6. Class 46.

Cleanse-All Products Co. (See Brumback, Paul G.)

Cloutier, Albert E., doing business as Dresol Chemical Co., Fall River, Mass. Water softener and bleaching preparation. Serial No. 407,583; Sept. 6. Class 6.

Columbia Manicure Mfg. Co., Inc., New York, N. Y. Orange wood sticks, nail buffers, emery boards, etc. Serial No. 408,595; Sept. 6. Class 44.

Columbia Refining Company, Long Island City, N. Y. Oils and greases. Serial No. 391,746; Sept. 6. Class 15.

Columbia River Paper Mills, Vancouver, Wash. Wrapping paper. Serial No. 406,241; Sept. 6. Class 37.

Commonwealth Utilities Company, Chicago, Ill. Cameras and lenses. Serial No. 408,375; Sept. 6. Class 26.

Cosmic-Ray Enterprises. (See Parfet, Ray T.)

Crown Willamette Paper Company. (See Crown Zellerbach Corporation.)

Crown Zellerbach Corporation, doing business as Crown Willamette Paper Company, San Francisco, Calif. Paper bags. Serial No. 407,721; Sept. 6. Class 2.

Daily Mirror, Inc., New York, N. Y. Newspaper. Serial No. 405,438; Sept. 6. Class 38.

Dare, Virginia, Extract Company, Inc., Brooklyn, N. Y. Beverage. Serial No. 408,376; Sept. 6. Class 45.

Dickinson, J. M., Nashville, Tenn. Arabian horses. Serial No. 406,798; Sept. 6. Class 1.

Dodge, F. W., Corporation. (See Hearst Magazines Inc.)

Dolese & Shepard Co., Chicago, Ill. Agricultural limestone. Serial No. 404,354; Sept. 6. Class 1.

Dresol Chemical Co. (See Cloutier, Albert E.)

Eastern Quality Corp., New York, N. Y. Women's fur coats. Serial No. 405,490; Sept. 6. Class 39.

Elsendrath, B. D., Tanning Co., Chicago, Ill. Leather. Serial No. 406,967; Sept. 6. Class 1.

El Campo Rice Milling Company, El Campo, Tex. Mixed feeds. Serial No. 402,967; Sept. 6. Class 46.

Euclid Candy Co. of California, Inc., The, San Francisco, Calif. Candy bars. Serial No. 407,137; Sept. 6. Class 46.

Faith Mfg. Co., Chicago, Ill. Locking caps for automobile gasoline tanks. Serial No. 408,880; Sept. 6. Class 25.

Farm and Grove Syndicate, Inc., Jacksonville, Fla. Publication. Serial No. 407,668; Sept. 6. Class 38.

Federal Wine & Liquor Co., Jersey City, N. J. Wines. Serial No. 399,653; Sept. 6. Class 47.

Fiba-Seal Chemicals, Inc., Hoboken, N. J. Water-proofing preparation. Serial No. 402,497; Sept. 6. Class 12.

Fish & Kimmel, Inc., New York, N. Y. Dyed coney coats, capes, and jackets. Serial No. 405,834; Sept. 6. Class 39.

Fibreboard Products Inc., San Francisco, Calif. Fiberboard cartons and pails. Serial No. 407,730; Sept. 6. Class 2.

Ford Hopkins Co., Chicago, Ill. Iodine, milk of magnesia, spirits of camphor, etc. Serial No. 403,586; Sept. 6. Class 6.

Fremont Canning Company, doing business as Gerber Products Company, Fremont, Mich. Canned foods. Serial No. 354,288; Sept. 6. Class 46.

French Renovating Company, The, Cleveland, Ohio. Dyes. Serial No. 407,615; Sept. 6. Class 6.

Fril Laboratories, Cincinnati, Ohio. Deodorant. Serial No. 407,590; Sept. 6. Class 6.

Galloway, Edward B., Oklahoma City, Okla. Books, letters, and circulars. Serial No. 404,040; Sept. 6. Class 38.

General Chemical Company, New York, N. Y. Lime. Serial No. 407,462; Sept. 6. Class 6.

General Fireproofing Co., The, Youngstown, Ohio. Filing cabinets. Serial No. 408,569; Sept. 6. Class 32.

General Household Necessities Co., Los Angeles, Calif. Cleaning solvent. Serial No. 408,639; Sept. 6. Class 4.

General Paint Corporation, San Francisco, Calif. Paints. Serial No. 408,538; Sept. 6. Class 16.

General Tire & Rubber Company, The, Akron, Ohio. Pneumatic tires. Serial No. 378,886; Sept. 6. Class 35.

Gerber Products Company. (See Fremont Canning Company.)

Gilbert, Isidore H., doing business as Progressive Laboratory Specialties Company, Jamaica, N. Y. Ink. Serial No. 408,798; Sept. 6. Class 11.

Glidden Company, The, Cleveland, Ohio. Feed for cattle, sheep, hogs, etc. Serial No. 400,003; Sept. 6. Class 46.

Goldsmith Bros., New York, N. Y. Writing and typewriting paper. Serial No. 407,262; Sept. 6. Class 37.

Grant Photo Corporation, New York, N. Y. Photographs adapted to present the appearance of moving pictures. Serial No. 408,159; Sept. 6. Class 38.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Grenadier Products Inc., New York, N. Y. Pneumatic tires. Serial No. 409,001; Sept. 6. Class 35.
Gam Sales Company, Peoria, Ill. Number game played with coupons. Serial No. 409,093; Sept. 6. Class 22.
Gummed Products Company, The, Troy, Ohio. Gummed paper tape. Serial No. 407,431; Sept. 6. Class 37.
Guth, Edwin F., Company, The, St. Louis, Mo. Electric lighting fixtures. Serial No. 405,876; Sept. 6. Class 21.
Haggar, Joseph M., Dallas, Tex. Trousers. Serial No. 408,383; Sept. 6. Class 39.
Harper, James A., Supply Co., Kansas City, Mo. Bulking agent to be added to powdered malted milk. Serial No. 408,100; Sept. 6. Class 46.
Hart Products Corporation, The, New York, N. Y. Soaps and soap preparations. Serial No. 405,988; Sept. 6. Class 4.
Hartmann Trunk Company, Racine, Wis. Suitcases, trunks, hat boxes, etc. Serial No. 407,629; Sept. 6. Class 3.
Hearst Magazines Inc., New York, N. Y., assignor to F. W. Dodge Corporation. Magazine. Serial No. 403,042; Sept. 6. Class 38.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Canned fruits. Serial No. 400,399; Sept. 6. Class 46.
Hedges & Butler, Limited, London, England. Scotch whisky. Serial No. 408,275; Sept. 6. Class 49.
Heintz, James C., doing business as James C. Heintz & Company, Cleveland, Ohio. Pneumatic tires and retreaded pneumatic tires. Serial No. 409,035; Sept. 6. Class 35.
Henneberger Lumber & Coal Co., The, Hamilton, Ohio. Coal. Serial No. 407,377; Sept. 6. Class 1.
Homgaard, C., Elsinore, Denmark, and London, England. Liqueur. Serial No. 397,407; Sept. 6. Class 49.
Hut Neckwear Co., Inc., New York, N. Y. Neckties and cravats. Serial No. 407,378; Sept. 6. Class 39.
Huyler's, New York, N. Y. Cookies, gingerbread mix, waffle mix, and chewing gum. Serial No. 408,277; Sept. 6. Class 46.
Hyman, Sol L., doing business as National Millinery Co. and National Wholesale Millinery Co., Baltimore, Md. Hats for children, misses, and ladies. Serial No. 404,475; Sept. 6. Class 39.
Imperial Tire Company, Brooklyn, N. Y. Automobile tires and tubes. Serial No. 408,951; Sept. 6. Class 35.
Independent Starch Company, Inc., New York, N. Y. Starches. Serial No. 408,502; Sept. 6. Class 6.
International Mutoscope Reel Co. Inc., New York, N. Y. Coin-operated photographic machines. Serial No. 375,391; Sept. 6. Class 26.
International Nickel Company, Inc., The, New York, N. Y. Alloys containing nickel. Serial No. 402,223; Sept. 6. Class 14.
Interwoven Stocking Company, New Brunswick, N. J. Hosiery. Serial No. 406,218; Sept. 6. Class 39.
Jaburg Brothers, Inc., New York, N. Y. Powdered milk for cream filling, cakes, and bread. Serial No. 407,143; Sept. 6. Class 46.
Jones, Clifford E., doing business as Peru Specialty Co., Peru, Ind. Insecticide. Serial No. 407,733; Sept. 6. Class 6.
Joy Doll Corporation, New York, N. Y. Dolls, stuffed toys, children's play furniture, etc. Serial Nos. 408,921–3; Sept. 6. Class 22.
Kahn, J. Leon, doing business as the Tusscaps Laboratories, Washington, D. C. Medicinal preparation. Serial No. 408,278; Sept. 6. Class 6.
Kal-Mendit Company, Erie, Pa. Fabric repair weaving equipment and hosiery repair machine needles. Serial No. 405,429; Sept. 6. Class 23.
Kansas Flour Mills Corporation, The, Kansas City, Mo. Flour. Serial No. 408,541; Sept. 6. Class 46.
Kensbey & Mattison Company, Ambler, Pa. Roofing materials. Serial No. 405,928; Sept. 6. Class 12.
Kleinert, I. B., Rubber Company, New York, N. Y. Dress shields. Serial Nos. 408,317–18; Sept. 6. Class 40.
Kotzin, Theodore, Co. Ltd., The, Los Angeles, Calif. Men's and boys' wearing apparel. Serial No. 406,453; Sept. 6. Class 39.
Kramer, Herman, doing business as Kramer Manufacturing Co., Tulsa, Okla. Power-driven garden tractors, including attachments therefor. Serial No. 407,734; Sept. 6. Class 23.
Krank, A. J., Company, St. Paul, Minn. Cleansing cream, astringent lotion, rouge, etc. Serial No. 390,522; Sept. 6. Class 6.
Krome-Alume, Inc., Lockport, N. Y. Aluminum cooking hollow-ware. Serial No. 398,074; Sept. 6. Class 13.
Kumpula, Reuben, Minneapolis, Minn. Liquid used in treatment of arthritis, rheumatism, etc. Serial No. 376,285; Sept. 6. Class 6.
Lady Esther, Ltd., Chicago, Ill. Face cream and face powder. Serial No. 407,595; Sept. 6. Class 6.
Lamm Brothers, Incorporated, Baltimore, Md. Suits, topcoats, raincoats, etc. Serial No. 406,425; Sept. 6. Class 39.
Lamorte, James V., New York, N. Y. Shaving creams. Serial No. 408,319; Sept. 6. Class 4.
Leeson, Myra W., Los Angeles, Calif. Cosmetics. Serial No. 407,149; Sept. 6. Class 6.
Lethelin Products Company, Inc., Wood Ridge, N. J. Ant bait. Serial No. 408,956; Sept. 6. Class 6.
Lethelin Products Company, Inc., Wood Ridge, N. J. Insecticide or plant spray. Serial No. 408,957; Sept. 6. Class 6.
Levy Bros. & Adler Rochester, Incorporated, Rochester, N. Y. Suits. Serial Nos. 407,229–31; Sept. 6. Class 39.
Levy Bros. & Adler Rochester, Incorporated, Rochester, N. Y. Suits, coats, and trousers, etc. Serial No. 408,349; Sept. 6. Class 39.
Lindsay-Nile Products, Inc., Mission, Tex. Celery seasoning, canned vegetable juices, and canned fruit juices. Serial No. 402,192; Sept. 6. Class 46.
Livingston & Lieberman, New York, N. Y. Blouses, shirts, skirts, etc. Serial No. 408,024; Sept. 6. Class 39.
London House, Ltd., New York, N. Y. Perfume. Serial Nos. 408,608–9; Sept. 6. Class 6.
Lowe, Joe, Corporation, New York, N. Y. Frozen confections. Serial No. 408,391; Sept. 6. Class 46.
Lyons, Gordon V., Inc., New York, N. Y. Coats and suits. Serial No. 407,735; Sept. 6. Class 39.
Lyons, Gordon V., Inc., New York, N. Y. Women's and misses' coats and suits. Serial No. 408,025; Sept. 6. Class 39.
Lyons, Gordon V., Inc., New York, N. Y. Women's and misses' coats and suits. Serial Nos. 408,028–9; Sept. 6. Class 39.
M. V. C. Laboratories, Inc., Toledo, Ohio. Manicure preparation. Serial No. 407,233; Sept. 6. Class 6.
Maison Jeurelle-Seventeen, Inc., New York, N. Y. Perfumes, cologne, and toilet water. Serial No. 407,320; Sept. 6. Class 6.
Markman, John J., Washington, D. C. Artificial ice. Serial No. 405,306; Sept. 6. Class 1.
Marshall Field & Company, Chicago, Ill. Children's play suits. Serial No. 408,344; Sept. 6. Class 39.
Marty, F., & Company, Syracuse, N. Y. Hand dipped candles. Serial No. 404,675; Sept. 6. Class 15.
McCormick & Company, Inc., Baltimore, Md. Food flavoring extracts. Serial No. 408,283; Sept. 6. Class 46.
McGill, Margaret B., Seattle, Wash. Fertilizers. Serial No. 407,760; Sept. 6. Class 10.
McKelvey, C. N., doing business as McKelvey's Pharmacy, Bellaire, Ohio. Cough syrup. Serial No. 407,812; Sept. 6. Class 6.
McKesson & Robbins, Incorporated, Bridgeport and Fairfield, Conn. Suntan oil, insect repellent preparation. Serial No. 408,890; Sept. 6. Class 6.
Metals Disintegrating Company, Inc., Union, N. J. Flaked disintegrated metal used as paint ingredient. Serial No. 406,026; Sept. 6. Class 16.
Mid-West Production Engineering, Inc., Detroit, Mich. Machines for forming apertures in metal. Serial No. 407,736; Sept. 6. Class 23.
Miller Brewing Company, Milwaukee, Wis. Beer. Serial No. 408,164; Sept. 6. Class 48.
Miller, William E., doing business as Zip Manufacturing Co., Oklahoma City, Okla. Insecticides and hair oil, pure glycerine, etc. Serial No. 408,431; Sept. 6. Class 6.
Mirakel Optical Co. (See Reichert, Robert J.)
Murphy, Harold J., doing business as Murphy Products Co., Gouverneur, N. Y. Powder to kill lice. Serial No. 409,006; Sept. 6. Class 6.
National Aniline & Chemical Company, Inc., New York, N. Y. Protective oxidizing agent and kier-boiling assistant for dyed and printed materials. Serial No. 407,238; Sept. 6. Class 6.
National Fabrics Corporation, New York, N. Y. Piece goods. Serial No. 398,122; Sept. 6. Class 42.
National Millinery Co. (See Hyman, Sol I.)
National Shirt Shops of Delaware, Inc., New York, N. Y. Outer apparel. Serial No. 404,904; Sept. 6. Class 39.
National Wholesale Millinery Co. (See Hyman, Sol I.)
Negbaur, H., & Co. Inc., New York, N. Y. Cigarette cases. Serial No. 407,384; Sept. 6. Class 8.
New England Confectionery Company, Cambridge, Mass. Chocolate candy. Serial No. 405,733; Sept. 6. Class 46.
New York Knitting Mills, Inc., New York, N. Y. Knitted sweaters and women's, misses' and children's knitted suits. Serial No. 408,127; Sept. 6. Class 39.
Nicolay-Dancey Incorporated, Detroit, Mich. Potato chips and canned shoestring potatoes. Serial No. 407,881; Sept. 6. Class 46.
Pardoll, Joseph, doing business as The Permanon Company, New York, N. Y. Cosmetics. Serial No. 407,282; Sept. 6. Class 6.
Parfet, Ray T., doing business as Cosmic-Ray Enterprises, Kalamazoo, Mich. Cough syrup. Serial No. 407,242; Sept. 6. Class 6.
Parke, Davis & Company, Detroit, Mich. Anesthetic. Serial No. 408,897; Sept. 6. Class 6.
Patterson-Sargent Company, The, Cleveland, Ohio. Paints, paint enamels, stains, etc. Serial No. 407,109; Sept. 6. Class 16.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Trousers. Serial No. 405,857; Sept. 6. Class 39.
Perfect Circle Company, The, Hagerstown, Ind. Metal piston rings. Serial Nos. 408,546–7; Sept. 6. Class 35.
Permanon Company, The. (See Pardoll, Joseph.)
Peru Specialty Co. (See Jones, Clifford E.)
Petri Cigar Co., doing business as Petri Wine Company, San Francisco, Calif. Wines. Serial No. 396,370; Sept. 6. Class 47.
Pilot Radio Corporation, Long Island City, N. Y. Radio receivers. Serial No. 403,328; Sept. 6. Class 21.
Polan, Katz and Company, Baltimore, Md. Umbrellas. Serial No. 408,206; Sept. 6. Class 41.
Polstray Co., Inc., New York, N. Y. Preparation for rheumatic relief. Serial No. 407,687; Sept. 6. Class 6.
Popper-Morson Co., Inc., Jersey City, N. J. Straight bourbon whiskey. Serial No. 407,813; Sept. 6. Class 49.
Progressive Laboratory Specialties Company. (See Gilbert, Isidore H.)
Quality Brands, Inc., San Francisco, Calif. Wines. Serial No. 404,375; Sept. 6. Class 47.
Raab-Meyerhoff, M. H., Co., Inc., Philadelphia, Pa., and New York, N. Y. Shirts, pajamas, and underwear. Serial No. 406,526; Sept. 6. Class 39.
Raymond, Albert C. S., doing business as Champion Products Co., Orange, Mass. Cleaning preparation. Serial No. 405,935; Sept. 6. Class 4.
Raylite Trading Co., Inc., New York, N. Y. Christmas tree lighting outfits or lighted wreaths. Serial No. 407,559; Sept. 6. Class 21.
Regal Paper Co., Inc., Pulaski, N. Y. Aprons. Serial No. 396,337; Sept. 6. Class 39.
Reichert, Robert J., doing business as Mirakel Optical Co., Mount Vernon, N. Y. Optical instruments. Serial No. 407,328; Sept. 6. Class 26.
Robinson, Oskar, Warsaw, Poland. Canned hams and canned picnic hams. Serial No. 399,727; Sept. 6. Class 46.
Röhm & Haas Company, Philadelphia, Pa. Insecticides, fungicides, or disinfectants. Serial No. 407,561; Sept. 6. Class 6.
Röhm & Haas Company, Philadelphia, Pa. Printing paste suitable for printing textile fabrics. Serial No. 407,641; Sept. 6. Class 6.
Roosen, H. D., Company, Brooklyn, N. Y. Ink compounds. Serial No. 407,992; Sept. 6. Class 11.
Santiago Orange Growers Association, Orange, Calif. Fresh citrus fruit. Serial No. 408,401; Sept. 6. Class 46.
Schanzenbach, J., & Co., Inc., New York, N. Y. Shampoos and hair ointments. Serial No. 409,059; Sept. 6. Class 6.
Schroeder, Elmer J., doing business as Elmer Schroeder, Buhl, Idaho. Pop corn. Serial No. 407,333; Sept. 6. Class 46.
Schutter Candy Company, Chicago, Ill. Candy. Serial No. 397,198; Sept. 6. Class 46.
Schwarz, Oscar, Chicago, Ill. Cigarettes. Serial No. 400,532; Sept. 6. Class 17.
Scotch Products Incorporated, New York, N. Y. Thermometer. Serial No. 407,766; Sept. 6. Class 26.
Sears, Roebuck and Co., Chicago, Ill. Overcoats and top coats. Serial No. 394,807; Sept. 6. Class 39.
Sears, Roebuck and Co., Chicago, Ill. Electric horns for use on automobiles, etc. Serial No. 408,327; Sept. 6. Class 21.
Sherman Paper Products Corporation, Newton, Mass. Paper. Serial No. 407,472; Sept. 6. Class 37.
Sherman, Sol, New York, N. Y. Cummerbund or vest. Serial No. 407,920; Sept. 6. Class 39.
Signode Steel Strapping Company, Chicago, Ill. Package binder cutters, and operating keys therefor. Serial No. 407,609; Sept. 6. Class 23.
Simmons Hardware Company, St. Louis, Mo. Coal and wood ranges. Serial No. 406,229; Sept. 6. Class 34.
Société d'Exploitation General des Algues Marines (S. E. G. A. M.) Société à Responsabilité Limitée, Brest, France. Product having seaweed or marine algae base used as an ingredient in foods and food preparations. Serial No. 404,084; Sept. 6. Class 46.
Speer, Clyde E., Coal Co., Inc., Pittsburgh, Pa. Coal. Serial No. 407,203; Sept. 6. Class 1.
Spurlock, Jasper J., Los Angeles, Calif. Watches and clocks. Serial No. 405,041; Sept. 6. Class 27.
Standard Enamel and Paint Corporation, Indianapolis, Ind. Ready mixed paint. Serial No. 404,190; Sept. 6. Class 16.
Sunset Feed & Grain Co. Inc., Buffalo, N. Y. Milk albumen, buttermilk, milk sugar feed. Serial No. 401,228; Sept. 6. Class 46.
Surface-Proofing Products, Inc., New York, N. Y. Sound deadening and moisture resisting composition in nature of a paint. Serial No. 407,508; Sept. 6. Class 16.
Tally-Ho Tailors, Inc., New York, N. Y. Ladies' and misses' coats, suits and coat and suit combinations. Serial No. 408,033; Sept. 6. Class 39.
Tarr & Wonson, Limited, Gloucester, Mass. Marine finishes. Serial No. 407,773; Sept. 6. Class 16.
Taylor Freezer Corporation, Beloit, Wis. Refrigerators, counter freezers, etc. Serial No. 404,821; Sept. 6. Class 31.
Thomas, Howard W., Aberdeen, S. Dak. Tooth cleaning solution. Serial No. 408,974; Sept. 6. Class 6.
Tober-Saifer Shoe Company, St. Louis, Mo. Women's shoes. Serial No. 407,889; Sept. 6. Class 39.
Tobey-Fine Papers, Inc., St. Louis, Mo. Book paper, bond and ledger papers, and index bristols. Serial No. 407,164; Sept. 6. Class 37.
Triangle Underwear Corporation, New York, N. Y. Underwear and slips. Serial No. 399,784; Sept. 6. Class 39.
Tusscaps Laboratories. (See Kahn, J. Leon.)
Una Welding, Inc., Cleveland, Ohio. Metal electrodes and metal rods for welding and arc welding. Serial No. 407,828; Sept. 6. Class 14.
Underwood, John, & Co., Brooklyn, N. Y. Carbon papers and typewriter ribbons. Serial No. 408,668; Sept. 6. Class 11.
Underwood, John, & Co., Brooklyn, N. Y. Carbon papers and typewriter ribbons. Serial No. 408,671; Sept. 6. Class 11.
Union Fork & Hoe Company, The, Columbus, Ohio. Axes; thistle, dock, and weed cutters; etc. Serial No. 408,441; Sept. 6. Class 23.
Unique Furniture Makers, a division of The J. C. Spach Wagon Works, Winston-Salem, N. C. Chairs and combination cabinet and table. Serial No. 409,074; Sept. 6. Class 32.
Wander, Dr. A., S. A., Bern, Switzerland. Dehydrated vegetable food product. Serial No. 408,222; Sept. 6. Class 46.
Warner, David E., Storrs, Conn. Food. Serial No. 393,924; Sept. 6. Class 46.
Warwick Chemical Company, West Warwick, R. I. Assistant for textile dyeing and printing. Serial No. 407,611; Sept. 6. Class 6.
Westernan-Rosenberg Incorporated, New York, N. Y. Ladies' handbags. Serial No. 407,838; Sept. 6. Class 3.
Wilson-Page Co., Seattle, Wash. Medicinal preparation. Serial No. 409,076; Sept. 6. Class 6.
Worcester Salt Company, New York, N. Y. Salt. Serial No. 408,143; Sept. 6. Class 46.
Zabienek, Sigmund W., Chelsea, Mass. Game. Serial No. 408,294; Sept. 6. Class 22.
Zip Manufacturing Co. (See Miller, William E.)

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, as amended June 10, 1938]

National Oak Flooring Manufacturers Association, Memphis, Tenn. Oak flooring. Serial No. 408,470; Sept. 6. Class 12.

LIST OF REGISTRANTS OF TRADE-MARKS

Acquisto, John, Jamaica, Long Island, N. Y. Bluing liquid. 360,008; Sept. 6; Serial No. 402,839; published June 28, 1938. Class 11.

Adams & Brooks, Los Angeles, Calif. Popped popcorn. 360,166; Sept. 6; Serial No. 406,163; published June 28, 1938. Class 46.

Addressograph-Multigraph Corporation, Euclid Village, Cleveland, Ohio. Planographic plates. 360,056; Sept. 6; Serial No. 404,461; published June 14, 1938. Class 50.

Aktieselskabet Bing & Grøndahls Porcellænsfabrik, Copenhagen, Denmark. Porcelain and crockery ware. 359,959; Sept. 6; Serial No. 398,271; published June 28, 1938. Class 30.

Alder Products Co. (See Schneider, Roy E.)

Allied Kid Company, Boston, Mass. Unfinished and partly finished leather. 360,136; Sept. 6; Serial No. 405,469; published June 14, 1938. Class 1.

American Bemberg Corporation, New York, N. Y. Thread and yarn of artificial origin. 360,161; Sept. 6; Serial No. 405,951; published June 28, 1938. Class 43.

American Cutting Alloys, Inc., New York, N. Y. Cutting tools and parts of such tools. 359,974; Sept. 6; Serial No. 400,149; published June 28, 1938. Class 23.
American Plastic Corporation, San Francisco, Calif. Compositions of matter of the type commonly known as "plastics". 359,965; Sept. 6; Serial No. 399,221; published June 21, 1938. Class 1.
American Safety Razor Corporation, Brooklyn, N. Y. Razor stropping machines. 359,954; Sept. 6; Serial No. 397,015; published Feb. 8, 1938. Class 23.
Appleby & Appleby, doing business as Audit Bureau of Broadcasting Coverage, Atlantic City, N. J. Periodic bulletins, reports, and compilations of data. 359,971; Sept. 6; Serial No. 400,080; published June 28, 1938. Class 38.
Aronson-Caplin Company, Inc., New York, N. Y. Silk, satin, rayon and cotton piece goods. 359,935; Sept. 6; Serial No. 392,006; published June 28, 1938. Class 42.
Audit Bureau of Broadcasting Coverage. (See Appleby & Appleby.)
Austin, Nichols & Co., Inc., Brooklyn, N. Y. Distilled London dry gin. 360,185; Sept. 6. Class 49.
Auto-Lec Stores, Inc., New Orleans, La. Lubricating oils. 360,010; Sept. 6; Serial No. 402,927; published June 28, 1938. Class 15.
Axel, Leon A., New York, N. Y. Raincoats. 360,032; Sept. 6; Serial No. 403,899; published June 7, 1938. Class 39.
Back, Jesse A., Lawrence, N. Y. Cheese cloth. 360,156; Sept. 6; Serial No. 405,758; published June 28, 1938. Class 42.
Balfour, Guthrie, & Co., Limited, San Francisco, Calif. Canned prunes. 360,070; Sept. 6; Serial No. 404,627; published June 28, 1938. Class 46.
Ball, F. M., & Company, Oakland, Calif. Canned fruits. 360,190; Sept. 6. Class 46.
Barclay, Jas., & Co. Limited, Detroit, Mich., and Peoria, Ill. Whiskey. 359,941; Sept. 6; Serial No. 393,409; published July 13, 1937. Class 49.
Basch, Herman, & Co. Inc., North Bergen, N. J. Fur skins dressed and dyed. 359,996; Sept. 6; Serial No. 402,112; published June 21, 1938. Class 1.
Bedford Knitting Mills, New York, N. Y. Sweaters and knitted sportswear. 360,065; Sept. 6; Serial No. 404,561; published June 21, 1938. Class 39.
Belding Heminway Company, New York, N. Y. Silk and rayon thread. 360,035; Sept. 6; Serial No. 403,933; published May 31, 1938. Class 43.
Belk Brothers Company, Charlotte, N. C. Ladies' hosiery. 360,131; Sept. 6; Serial No. 405,432; published June 14, 1938. Class 39.
Bell, William G., Company, The, Boston, Mass. Spiced seasonings. 359,931; Sept. 6; Serial No. 391,680; published June 28, 1938. Class 46.
Bell & Zoller Coal Company, Chicago, Ill. Coal. 360,015; Sept. 6; Serial No. 403,115; published May 31, 1938. Class 1.
Bennet, Eve, New York, N. Y. Dolls and dummy representations of beings. 360,164; Sept. 6; Serial No. 406,086; published June 28, 1938. Class 22.
Biberman Bros. Inc., Philadelphia, Pa. Dresses. 359,956; Sept. 6; Serial No. 397,352; published Nov. 16, 1937. Class 39.
Billimack, Vernon J., doing business as Inca Products, St. Louis, Mo. Bird foods for canaries and the like. 360,057; Sept. 6; Serial No. 404,463; published June 28, 1938. Class 46.
Blechman, S., & Sons, Inc., New York, N. Y. Overalls and "coveralls". 360,083; Sept. 6; Serial No. 404,829; published June 21, 1938. Class 39.
Boston Envelope Co., doing business as Drinking Cup Co., Dedham, Mass. Paper drinking cups. 360,076; Sept. 6; Serial No. 404,747; published June 21, 1938. Class 2.
Brewer & Company, Inc., Worcester, Mass. Chemicals, medicines, and pharmaceutical preparations. 124,289; renewed Feb. 4, 1939.
Bril, Jacques L., New York, N. Y. Electrical lie detector and accessories, etc. 359,993; Sept. 6; Serial No. 401,808; published June 28, 1938. Class 26.
Broadway Drug Products Co., New York, N. Y. Prophylactic rubber articles. 359,991; Sept. 6; Serial No. 401,763; published June 28, 1938. Class 44.
Bromberg, Joshua, doing business as Brom-Clark Manufacturing Co., St. Louis, Mo. Duplicate reply postal cards. 360,127; Sept. 6; Serial No. 405,339; published June 14, 1938. Class 37.
Brom-Clark Manufacturing Co. (See Bromberg, Joshua.)
Builders Iron Foundry, Providence, R. I. Fluid flow metering nozzles. 360,099; Sept. 6; Serial No. 405,009; published June 28, 1938. Class 26.
Buxbaum, S., Company, Newton Centre, Mass. Butter. 359,963; Sept. 6; Serial No. 398,609; published June 28, 1938. Class 46.
Caley, Wendell J., Philadelphia, Pa. Artificial flowers. 360,139; Sept. 6; Serial No. 405,548; published June 21, 1938. Class 40.
California Citrus Juice Exchange, Incorporated, Santa Ana, Calif. Canned orange juice, lemon juice, orange jelly, etc. 360,003; Sept. 6; Serial No. 402,552; published June 28, 1938. Class 46.
California Mission Vintage Co. (See Moramarco, Antonio.)
Camden Furniture Company, Camden, Ark. Periodical advertising publication. 359,984; Sept. 6; Serial No. 401,369; published June 28, 1938. Class 38.
Cannon Mills Company, Kannapolis, N. C. Hosiery. 359,990; Sept. 6; Serial No. 401,725; published June 21, 1938. Class 39.
Carson Pirie Scott & Company, Chicago, Ill. Dresses. 359,969; Sept. 6; Serial No. 399,920; published June 14, 1938. Class 39.
Celanese Corporation of America, New York, N. Y. Fabrics in the piece. 360,148; Sept. 6; Serial No. 405,590; published June 28, 1938. Class 42.
Central Orange County Citrus Exchange, Anaheim, Calif. Fresh citrus fruit, canned citrus fruit juices, and citrus fruit concentrates. 360,113; Sept. 6; Serial No. 405,150; published June 28, 1938. Class 46.
Champion Spark Plug Company, Toledo, Ohio. Mechanical spark-plug cleaners. 123,559; renewed Nov. 19, 1938.
Chanderlin Seed Company, New York, N. Y. Grass seed. 360,115; Sept. 6; Serial No. 405,193; published June 21, 1938. Class 1.
Chevron Co. (See Knapp-Monarch Company.)
Chicago Sales & Building Supply Co. (See Gessler, Samuel.)
Churchill Downs-Latonia Inc., Louisville, Ky. Magazine published from time to time. 359,976; Sept. 6; Serial No. 400,551; published June 28, 1938. Class 38.
Cities Service Asphalt Company, New York, N. Y. Fuel oils. 360,184; Sept. 6. Class 15.
Clay Equipment Corporation. (See Iowa Gate Co.)
Cluett, Peabody & Co., Inc., Troy, N. Y. Underwear. 359,944; Sept. 6; Serial No. 395,400; published June 14, 1938. Class 39.
Clutton, Sam W., Great Falls, Mont. Statuette and ornamental figures. 360,025; Sept. 6; Serial No. 403,539; published June 21, 1938. Class 50.
Cohen, Goldman & Co. Inc., New York, N. Y. Coats, vests, pants, etc. 360,094; Sept. 6; Serial No. 404,934; published May 31, 1938. Class 39.
Cohen, Goldman & Co. Inc., New York, N. Y. Outer garments. 360,100; Sept. 6; Serial No. 405,014; published June 7, 1938. Class 39.
Cohen, Goldman & Co. Inc., New York, N. Y. Coats, vests, pants, etc. 360,107; Sept. 6; Serial No. 405,103; published June 14, 1938. Class 39.
Cohen, Goldman & Co. Inc., New York, N. Y. Coats, vests, pants, etc. 360,108; Sept. 6; Serial No. 405,104; published June 7, 1938. Class 39.
Cohen, Jos. S., & Sons Co., Inc., New York, N. Y. Frocks, dresses, and smocks. 360,037; Sept. 6; Serial No. 403,989; published May 31, 1938. Class 39.
Container Corporation of America, Chicago, Ill. Wood pulp. 360,162; Sept. 6; Serial No. 405,984; published June 28, 1938. Class 1.
Continental Undergarment Co., Inc., Brooklyn, N. Y. Panties, bloomers, slips, etc. 360,118; Sept. 6; Serial No. 405,240; published June 14, 1938. Class 39.
Corn Products Refining Company, New York, N. Y. Orange soda, root beer, grape soda, etc. 360,158; Sept. 6; Serial No. 405,917; published June 28, 1938. Class 45.
Courmettes, Henry A., New York, N. Y. Ophthalmic lenses and blanks. 360,175; Sept. 6. Class 26.
Cummer Sons Cypress Company, Jacksonville, Fla. Crates or containers. 360,181; Sept. 6. Class 2.
Daniels, Ward, Fillmore, Calif. Fresh citrus fruit. 360,071; Sept. 6; Serial No. 404,633; published June 28, 1938. Class 46.
Darlington Fabrics Corporation, New York, N. Y. Elastic yarn. 360,053; Sept. 6; Serial No. 404,430; published May 31, 1938. Class 43.
Davenport Hosiery Mills, Inc., Chattanooga, Tenn. Hosiery. 359,989; Sept. 6; Serial No. 401,556; published May 31, 1938. Class 39.
Davis, A., & Sons, Inc., Jersey City, N. J., and New York, N. Y. Ladies' suits and coats. 360,084; Sept. 6; Serial No. 404,832; published June 14, 1938. Class 39.
Davis, P. H., Tailoring Company, The, Cincinnati, Ohio. Men's clothing. 360,109; Sept. 6; Serial No. 405,105; published June 7, 1938. Class 39.
Davol Rubber Company, Providence, R. I. Dental, medical, and surgical appliances. 124,232; renewed Jan. 28, 1939.
Dawson, Dan, Harveysburg, Ohio. Medicated hog food. 360,137; Sept. 6; Serial No. 405,487; published June 28, 1938. Class 46.
Dayton Rubber Manufacturing Company, The, Dayton, Ohio. Tires. 359,985; Sept. 6; Serial No. 401,427; published June 28, 1938. Class 35.
Decker, Alfred, & Cohn, Inc., Chicago, Ill. Women's topcoats. 360,046; Sept. 6; Serial No. 404,295; published June 7, 1938. Class 39.
Decorators Digest, Inc., The, New York, N. Y. Magazine. 360,018; Sept. 6; Serial No. 403,169; published June 28, 1938. Class 38.
Deutscher Kriegerbund New York von 1884, Inc., New York, N. Y. Magazine. 360,042; Sept. 6; Serial No. 404,166; published June 28, 1938. Class 38.
Diana, Alexander, doing business as Diana Fruit Preserving Co., Santa Clara, Calif. Preserved cherries. 360,026; Sept. 6; Serial No. 403,542; published June 28, 1938. Class 46.

Dixie-Portland Flour Mills. (See Warner, Moore & Co., assignor.)
Don Confectionery Company Limited, The, Sheffield, England. Candies. 360,009; Sept. 6; Serial No. 402,904; published June 28, 1938. Class 46.
Doncaster Collar and Shirt Company, Inc., Rutherfordton, N. C. Dresses, skirts, blouses, etc. 359,995; Sept. 6; Serial No. 402,087; published June 14, 1938. Class 39.
Drinking Cup Co. (See Boston Envelope Co.)
Eagle Clothes, New York, N. Y. Overcoats and topcoats. 360,119; Sept. 6; Serial No. 405,242; published June 14, 1938. Class 39.
Elgin National Watch Company, Elgin, Ill. Watches, watch movements, and watch cases. 360,077; Sept. 6; Serial No. 404,753; published June 14, 1938. Class 27.
Englebardt, Larry, & Co., New York, N. Y. Girls' dresses. 359,950; Sept. 6; Serial No. 396,392; published Oct. 19, 1937. Class 39.
Essanar Company, Inc., New York, N. Y. Board and counter games. 123,032–3; renewed Oct. 8, 1938.
Etablissements René Ponty Société en nom collectif, Brussels, Belgium. Needlework packets. 360,036; Sept. 6; Serial No. 403,941; published June 14, 1938. Class 40.
Etournaud, Jph., & Co., Cognac, France. Cognac and liqueurs. 360,103; Sept. 6; Serial No. 405,064; published June 28, 1938. Class 49.
Ever-Plastics Corporation, New York, N. Y. Synthetic compound. 359,997; Sept. 6; Serial No. 402,119; published June 28, 1938. Class 12.
Evr-Klean Seat Pad Co., St. Louis, Mo. Automobile seat covers. 359,927; Sept. 6; Serial No. 388,923; published June 28, 1938. Class 19.
Evr-Klean Seat Pad Co., St. Louis, Mo. Vehicle seat covers and pads. 359,928; Sept. 6; Serial No. 388,927; published June 28, 1938. Class 19.
Fabric Products Manufacturing Co., Chicago, Ill. Coats, capes, and sport jackets. 359,983; Sept. 6; Serial No. 401,265; published June 7, 1938. Class 39.
Famous Barr Co. (See May Department Stores Co.)
Fendrich, H., Inc., Evansville, Ind. Cigars. 360,151; Sept. 6; Serial No. 405,694; published June 21, 1938. Class 17.
Feuerheerd Bros. & Ca. Ltda., Villa Nova de Gaya (Oporto), Portugal. Port wines. 359,925; Sept. 6; Serial No. 386,798; published June 28, 1938. Class 47.
Flying Stories, Inc., New York, N. Y. Periodical. 360,019; Sept. 6; Serial No. 403,250; published June 28, 1938. Class 38.
Friedman, J., & Co., Inc., New York, N. Y. Coats, vests, pants, etc. 360,086; Sept. 6; Serial No. 404,892; published May 31, 1938. Class 39.
Gardner Machine Company, South Beloit, Ill. Abrasive tools, abrasive wheels, and abrasive disks. 360,043; Sept. 6; Serial No. 404,209; published June 28, 1938. Class 4.
Gaynes Clothing Corp., New York, N. Y. Clothing. 359,978; Sept. 6; Serial No. 400,689; published June 7, 1938. Class 39.
Gemloid Corporation, New York, N. Y. Dials. 359,966; Sept. 6; Serial No. 399,504; published June 28, 1938. Class 26.
General Equipment Co., Los Angeles, Calif. Cooling unit for air conditioning. 360,087; Sept. 6; Serial No. 404,894; published June 28, 1938. Class 34.
General Paint & Varnish Co., Chicago, Ill. Paints and paint enamels. 360,073; Sept. 6; Serial No. 404,706; published June 28, 1938. Class 16.
Gessler, Samuel, doing business as Chicago Sales & Building Supply Co., Chicago, Ill. Building units. 359,987; Sept. 6; Serial No. 401,479; published June 28, 1938. Class 12.
Glencoe Lime & Cement Co., St. Louis, Mo. Lime. 360,001; Sept. 6; Serial No. 402,371; published June 28, 1938. Class 12.
Glover, H. B., Co., Dubuque, Iowa. Men's pajamas. 360,048; Sept. 6; Serial No. 404,361; published May 31, 1938. Class 39.
Gold Buckle Association, East Highlands, Calif. Fresh citrus fruits. 359,970; Sept. 6; Serial No. 400,006; published June 28, 1938. Class 46.
Golden Art Hosiery Company, Nashville, Tenn. Hosiery. 359,982; Sept. 6; Serial No. 401,184; published June 14, 1938. Class 39.
Goldfarb, Samuel J., New York, N. Y. Dresses. 360,047; Sept. 6; Serial No. 404,308; published June 14, 1938. Class 39.
Goldman Frock Co., Inc., New York, N. Y. Dresses. 360,187; Sept. 6. Class 39.
Goldwaters Mercantile Co., Phoenix, Ariz. Dresses. 359,994; Sept. 6; Serial No. 402,062; published June 7, 1938. Class 39.
Gramatn Trading Corporation, Mount Vernon, N. Y., now by change of name, Grenadier Products, Inc. Automobile seat covers. 360,104; Sept. 6; Serial No. 405,070; published June 14, 1938. Class 19.
Grammes, L. F., & Sons, Incorporated, Allentown, Pa. Combination hairpin and barrette, and also a hair curler. 360,088; Sept. 6; Serial No. 404,896; published June 14, 1938. Class 40.
Grant, William G., doing business as Willco Mfg. Company, Tulsa, Okla. Athletic equipment. 360,031; Sept. 6; Serial No. 403,867; published June 28, 1938. Class 22.
Grenadier Products, Inc. (See Gramatn Trading Corporation.)
Gum Incorporated, Philadelphia, Pa. Chewing gum. 360,049; Sept. 6; Serial No. 404,362; published June 28, 1938. Class 46.
Gusmer, A., Inc., Hoboken, N. J. Brewers' tank cleaning preparation. 360,072; Sept. 6; Serial No. 404,647; published June 28, 1938. Class 4.
Haase, Wilbert W., Co., Inc., Forest Park, Ill. Asphalt interlined cement burial vaults. 360,041; Sept. 6; Serial No. 404,153; published June 21, 1938. Class 2.
Harris-Drew Company, Inc., New York, N. Y. Paper bands. 360,081; Sept. 6; Serial No. 404,803; published June 14, 1938. Class 37.
Hart, Schaffner & Marx, Chicago, Ill. Coats, suits, overcoats, etc. 360,155; Sept. 6; Serial No. 405,723; published June 21, 1938. Class 39.
Haserot Company, The, Cleveland, Ohio. Coffee. 360,080; Sept. 6; Serial No. 404,789; published June 28, 1938. Class 46.
Hawaiian Pineapple Company, Ltd., Honolulu, Hawaii, and San Francisco, Calif. Canned fruits and canned fruit juices. 360,188; Sept. 6. Class 46.
Hearst Magazines Inc., New York, N. Y. Magazine. 360,101; Sept. 6; Serial No. 405,021; published June 28, 1938. Class 38.
Herzog Miniature Lamp Works, Inc., Long Island City, N. Y. Electric incandescent lamp bulbs. 360,061; Sept. 6; Serial No. 404,524; published June 28, 1938. Class 21.
Hewitt Soap Company, Inc., The, Dayton, Ohio. Complexion soap. 359,952; Sept. 6; Serial No. 396,918; published June 28, 1938. Class 4.
Holeproof Hosiery Co., Milwaukee, Wis. Jackets, playsuits, shirts, etc. 360,016; Sept. 6; Serial No. 403,130; published June 21, 1938. Class 39.
Hollingshead, R. M., Corporation, Camden, N. J. Lubricants, lubricating oils, lubricating greases, etc. 360,120; Sept. 6; Serial No. 405,251; published June 28, 1938. Class 15.
Horder's Incorporated, Chicago, Ill. Lead pencils. 360,179; Sept. 6. Class 37.
Horder's Incorporated, Chicago, Ill. Ruled forms. 360,180; Sept. 6. Class 37.
Hughes, Edward J., doing business as Tribike Company, Mineola, N. Y. Children's velocipedes. 360,011; Sept. 6; Serial No. 402,976; published June 28, 1938. Class 22.
Hughes-Autograf Brush Co. Inc., New York and Troy, N. Y. Artificial bristles. 360,097–8; Sept. 6; Serial Nos. 404,991–2; published June 21, 1938. Class 1.
Humble Oil & Refining Company, Houston, Tex. Ready mixed paints and paint enamels. 360,004; Sept. 6; Serial No. 402,565; published June 28, 1938. Class 16.
Hyal Products Co., New York, N. Y. Razor blades. 360,152; Sept. 6; Serial No. 405,698; published June 28, 1938. Class 23.
Ice Cream Products, Inc., Chicago, Ill. Specially treated milk solids. 360,165; Sept. 6; Serial No. 406,135; published June 28, 1938. Class 46.
Inca Products. (See Billimack, Vernon J.)
Ingham, Richard, & Company, Limited, Pudsey, England. Yarns. 359,961; Sept. 6; Serial No. 398,539; published June 28, 1938. Class 43.
Insulite Company, The. (See International Insulation Company.)
International Bedding Company, The, Baltimore, Md. Mattresses, cushions, studio couches, etc. 360,172; Sept. 6; Serial No. 406,588; published June 28, 1938. Class 32.
International Braid Company, Providence, R. I. Shoe laces and braids. 360,140; Sept. 6; Serial No. 405,557; published June 21, 1938. Class 40.
International Insulation Company, International Falls, now, by change of name, to The Insulite Company, Minneapolis and International Falls, Minn. Construction materials. 123,355; renewed Oct. 29, 1938.
International Printing Ink Corporation, The, New York, N. Y. Printing inks. 360,167; Sept. 6; Serial No. 406,186; published June 28, 1938. Class 11.
International Radio Corporation, Ann Arbor, Mich. Cameras, camera lens, and photographic equipment. 360,082; Sept. 6; Serial No. 404,807; published June 28, 1938. Class 26.
International Silver Company, Meriden, Conn. Silverplated flat-ware and hollow-ware. 359,960; Sept. 6; Serial No. 398,356; published June 28, 1938. Class 28.
Interwoven Stocking Company, New Brunswick, N. J. Hosiery. 360,068–9; Sept. 6; Serial Nos. 404,609–10; published May 31, 1938. Class 39.
Interwoven Stocking Company, New Brunswick, N. J. Hosiery. 360,141; Sept. 6; Serial No. 405,558; published June 21, 1938. Class 39.
Interwoven Stocking Company, New Brunswick, N. J. Hosiery. 360,149; Sept. 6; Serial No. 405,648; published June 21, 1938. Class 39.
Iowa Gate Co., Cedar Falls, Iowa, now by change of name to Clay Equipment Corporation. Hardware and plumbing and steam-fitting supplies. 123,603; renewed Nov. 19, 1938.
Island Creek Coal Sales Company, Huntington, W. Va. Coal. 360,123; Sept. 6; Serial No. 405,281; published June 21, 1938. Class 1.

Ivers-Lee Company, Newark, N. J. Machinery for handling packaging material, etc. 360,178; Sept. 6. Class 23.

Ivoroid Mixed Paint Company, Newark, N. J. Barn and roof paint. 360,114; Sept. 6; Serial No. 405,162; published June 28, 1938. Class 16.

Jacoby-Bender, Inc., New York, N. Y. Wrist watch clasps and buckles. 360,132; Sept. 6; Serial No. 405,443; published June 28, 1938. Class 28.

James, Karl D., doing business as K. D. James, Algona, Iowa. Ice-cream confection. 359,957; Sept. 6; Serial No. 397,666; published June 28, 1938. Class 46.

Jamieson, C. E., & Co., Detroit, Mich. Ointments and suppositories. 359,955; Sept. 6; Serial No. 397,335; published May 3, 1938. Class 6.

Jenath Knitwear, Inc., New York, N. Y. Ladies' sweaters. 360,093; Sept. 6; Serial No. 404,929; published June 14, 1938. Class 39.

Johns-Manville Corporation, New York, N. Y. Pamphlet. 359,926; Sept. 6; Serial No. 388,192; published June 28, 1938. Class 38.

Joseph & Feiss Company, The, Cleveland, Ohio. Topcoats and overcoats. 359,948; Sept. 6; Serial No. 395,669; published Mar. 1, 1938. Class 39.

Justrite Manufacturing Company, Chicago, Ill. Dog food receptacle. 359,942; Sept. 6; Serial No. 393,491; published July 20, 1937. Class 2.

Kalart Company, The, New York, N. Y. Photograph cameras and camera attachments. 360,029; Sept. 6; Serial No. 403,624; published June 28, 1938. Class 26.

Keiling Nut Co., The, Chicago, Ill. Salted, candied, and plain nut meats. 359,940; Sept. 6; Serial No. 392,799; published Jan. 11, 1938. Class 46.

Kenite Laboratory, Inc., New York, N. Y. Pipe joint compounds. 359,975; Sept. 6; Serial No. 400,305; published June 28, 1938. Class 12.

Kind, Herbert R. (See Valley Drug & Chemical Co.)

Kleinert, I. B., Rubber Company, New York, N. Y. Dress shields. 360,138; Sept. 6; Serial No. 405,509; published June 14, 1938. Class 40.

Knapp-Monarch Company, doing business as Chevron Co., St. Louis, Mo. Electric fans. 360,154; Sept. 6; Serial No. 405,710; published June 28, 1938. Class 21.

Knoblock, David F., New York, N. Y. Optical viewing device. 360,013; Sept. 6; Serial No. 403,085; published June 28, 1938. Class 26.

Kofoed, William H., Philadelphia, Pa. Magazine. 360,153; Sept. 6; Serial No. 405,709; published June 28, 1938. Class 38.

Kurfees, J. F., Paint Company, Incorporated, Louisville, Ky. Paint, varnish, varnish stain, etc. 360,163; Sept. 6; Serial No. 406,061; published June 28, 1938. Class 16.

Levine, Max, & Co., New York, N. Y. Ladies' and misses' coats and suits. 360,074; Sept. 6; Serial No. 404,718; published June 7, 1938. Class 39.

Lilly, Eli, and Company, The, Indianapolis, Ind., now, by change of name, to Eli Lilly and Company. Medicines. 123,336; renewed Oct. 29, 1938.

Lily Mills Company, Shelby, N. C. Hand knitting needles and hand sewing needles. 360,002; Sept. 6; Serial No. 402,480; published June 21, 1938. Class 40.

Lincoln Electric Company, The, Cleveland, Ohio. Metallic welding electrodes. 360,060; Sept. 6; Serial No. 404,505; published June 28, 1938. Class 14.

Lobel Company, New York, N. Y. Girls' sportswear. 360,075; Sept. 6; Serial No. 404,720; published May 31, 1938. Class 39.

Longines-Wittnauer Co. Inc., The, New York, N. Y. Watches and clocks. 360,021; Sept. 6; Serial No. 403,415; published June 21, 1938. Class 27.

Loomtogs, Inc., New York, N. Y. Women's and misses' bathing suits, bathing capes, slacks, etc. 360,050; Sept. 6; Serial No. 404,368; published June 7, 1938. Class 39.

Loose-Wiles Biscuit Company, Long Island City, N. Y. Biscuits, crackers, cookies, etc. 360,183; Sept. 6. Class 46.

Lubin-Weeker Co., Inc., New York, N. Y. Men's pajamas. 360,128; Sept. 6; Serial No. 405,362; published June 14, 1938. Class 39.

Machado, Justo R., New York, N. Y. Bathing suits. 360,066; Sept. 6; Serial No. 404,570; published June 14, 1938. Class 39.

Mallory, P. R., & Co., Inc., Indianapolis, Ind. Electric switches, switches. 360,150; Sept. 6; Serial No. 405,654; published June 28, 1938. Class 21.

Mar-Vin Dispenser and Products Co., New York, N. Y. Dish washing compounds and dish washing powders. 359,988; Sept. 6; Serial No. 401,533; published June 28, 1938. Class 4.

Maxcy, Gregg, Inc., Sebring, Fla. Canned citrus fruit juices. 359,924; Sept. 6; Serial No. 385,525; published Jan. 25, 1938. Class 46.

May Department Stores Co., The, New York, N. Y.; doing business as Famous Barr Co., St. Louis, Mo.; M. O'Neil Co., Akron, Ohio; and The May Company, Cleveland, Ohio, Baltimore, Md., Los Angeles, Calif., and Denver, Colo. Women's, misses', and girls' stockings. 360,133; Sept. 6; Serial No. 405,454; published June 21, 1938. Class 39.

Maynes, Hyla F., North Tonawanda, assignor to Spiral Wind Fish Reel Company, Inc., Buffalo, N. Y. Fishing reels. 360,174; Sept. 6. Class 22.

McCormick-Armstrong Press Company, The, Wichita, Kans. Magazines. 359,981; Sept. 6; Serial No. 401,116; published June 28, 1938. Class 38.

McFadden 3 Sisters Springs, Hot Springs National Park, Ark. Natural spring water. 359,930; Sept. 6; Serial No. 389,792; published Oct. 12, 1937. Class 45.

McGaw, Kenneth A., Chicago, Ill. Cakes. 360,078; Sept. 6; Serial No. 404,766; published June 28, 1938. Class 46.

McGraw Electric Company, Chicago, Ill. Electrical appliances. 359,929; Sept. 6; Serial No. 389,563; published June 28, 1938. Class 21.

Mellier Company, Perfumer, St. Louis, Mo. Toilet preparations. 124,122; renewed Jan. 14, 1939.

Mellier Company, Perfumer, St. Louis, Mo. Soap. 124,202; renewed Jan. 21, 1939.

Menasha Products Company, Menasha, Wis. Paper tape, stickers, tabs, etc. 360,130; Sept. 6; Serial No. 405,400; published June 14, 1938. Class 37.

Meyercord Company, The, Chicago, Ill. Decalcomanias. 360,006; Sept. 6; Serial No. 402,782; published June 28, 1938. Class 38.

Middleton, John, Inc., Philadelphia, Pa. Smoking tobacco. 360,027; Sept. 6; Serial No. 403,602; published June 21, 1938. Class 17.

Mid-West Tobacco Co., The, Cincinnati, Ohio. Chewing tobacco and smoking tobacco. 360,007; Sept. 6; Serial No. 402,783; published June 14, 1938. Class 17.

Migel, J. A., to Julius A. Migel, New York, N. Y., successor. Broad silks. 121,800; renewed May 28, 1938.

Moon, James E., New York, N. Y. Gunsight blackening candles, bullet lubricants, colloidal graphited oil. 360,055; Sept. 6; Serial No. 404,446; published June 28, 1938. Class 15.

Moramarco, Antonio, doing business as California Mission Vintage Co., Los Angeles, Calif. Wines. 359,964; Sept. 6; Serial No. 398,925; published June 28, 1938. Class 47.

Morrell, John, & Co. (See Yoho, Jud, assignor.)

Natural Set Up Sales Corporation, St. Louis, Mo. Soft drinks, and for extracts and concentrated fruit syrups used in the preparation of said soft drinks. 360,170; Sept. 6; Serial No. 406,464; published June 28, 1938. Class 45.

Needle's Liquors, Inc., Baltimore, Md. Whiskey. 359,977; Sept. 6; Serial No. 400,610; published Feb. 1, 1938. Class 49.

Nestor Johnson Manufacturing Company, Chicago, Ill. Abrasive ice skate sharpener. 360,182; Sept. 6. Class 4.

New Era Canning Company, New Era, Mich. Canned fruits and canned vegetables. 359,972; Sept. 6; Serial No. 400,123; published June 28, 1938. Class 46.

Ohayon, Harry, New York, N. Y. Perfume. 359,939; Sept. 6; Serial No. 392,765; published May 17, 1938. Class 6.

Oil Well Supply Company, Dallas, Tex. Water tubes. 360,134; Sept. 6; Serial No. 405,460; published June 28, 1938. Class 23.

O'Neil, M., Co. (See May Department Stores Co.)

Onsrud Machine Works, Inc., Chicago, Ill. Routing machines, bending machines, and gluing machines. 360,044; Sept. 6; Serial No. 404,261; published June 28, 1938. Class 23.

Paragon Oil Company, Inc., Brooklyn, N. Y. Cutting oils and lubricating oils and greases. 360,110; Sept. 6; Serial No. 405,128; published June 28, 1938. Class 15.

Paransky, David, doing business as Star Bedding Company, Pittsburgh, Pa. Mattresses. 360,171. Sept. 6; Serial No. 406,481; published June 28, 1938. Class 32.

Peck & Peck, New York, N. Y. Raincoats. 360,062; Sept. 6; Serial No. 404,538; published June 7, 1938. Class 39.

Pennsylvania Lubricating Company, Pittsburgh, Pa., assignor, by mesne assignments, to Standard Oil Company of New Jersey, Wilmington, Del. Lubricating oils and greases. 123,638; renewed Nov. 19, 1938.

Pepperell Manufacturing Company, Boston, Mass. Sheets and pillowcases. 359,946; Sept. 6; Serial No. 395,538; published June 28, 1938. Class 42.

Perry Knitting Company, The, Perry, N. Y. Sweat shirts, sweaters, sweater coats, etc. 360,092; Sept. 6; Serial No. 404,928; published June 14, 1938. Class 39.

Phillips, A., Service, Newkirk, Okla. Motor lubricating oil. 360,121; Sept. 6; Serial No. 405,264; published June 28, 1938. Class 15.

Platt & Munk Co., Inc., The, New York, N. Y. Children's picture and story books. 360,191; Sept. 6. Class 38.

Pleetoox Products Company, St. Louis, Mo. Aprons. 360,124; Sept. 6; Serial No. 405,318; published June 21, 1938. Class 39.

Pohatcong Hosiery Mills, Inc., Washington, N. J. Ladies' full fashioned silk hosiery. 360,105; Sept. 6; Serial No. 405,081; published June 7, 1938. Class 39.

Pollack, Jacob, & Sons, New York, N. Y. Overcoats and topcoats. 360,089; Sept. 6; Serial No. 404,906; published June 7, 1938. Class 39.

Pollack, Max, & Company, Inc., New York, N. Y. Thread. 360,000; Sept. 6; Serial No. 402,314; published June 28, 1938. Class 43.

Polyfoto Corporation, Bridgeport, Conn. Photographs. 360,059; Sept. 6; Serial No. 404,504; published June 28, 1938. Class 38.

Quality Brands, Inc., San Francisco, Calif. Wines. 360,051; Sept. 6; Serial No. 404,374; published June 28, 1938. Class 47.

Reimann, Kurt P., New York, N. Y. Water and moisture repellent fabric. 359,949; Sept. 6; Serial No. 395,882; published June 21, 1938. Class 50.

Reliable Textile Company, The, Chicago, Ill. Goods for artificial leather. 360,054; Sept. 6; Serial No. 404,450; published June 14, 1938. Class 50.

Reliance Manufacturing Company, Chicago, Ill. Work shirts, work pants, and work jackets. 360,122; Sept. 6; Serial No. 405,270; published June 7, 1938. Class 39.

Reuge, Al., et Cie, Ste. Croix, Switzerland. Skis, sideirons, toe irons for skis, etc. 359,958; Sept. 6; Serial No. 397,770; published June 28, 1938. Class 22.

Reynolds Metals Company, Richmond, Va. Paper and metal foil cigar wraps. 360,106; Sept. 6; Serial No. 405,083; published June 21, 1938. Class 37.

Richter & Franklin, Inc., New York, N. Y. Fur coats. 360,079; Sept. 6; Serial No. 404,776; published June 21, 1938. Class 39.

Robbins, C. H. D., Co., Inc., New York, N. Y. Dresses, negligees, and pajamas. 359,922; Sept. 6; Serial No. 384,014; published June 21, 1938. Class 39.

Rocky Mountain Honey Co., Salt Lake City, Utah. Honey. 360,176; Sept. 6. Class 46.

Rosenfeld Chain Mfg. Co., New York, N. Y. Chains and other jewelry. 360,063; Sept. 6; Serial No. 404,546; published June 28, 1938. Class 28.

Rosico Candy Company. (See Simon, Robert.)

Royal Typewriter Company, Inc., New York, N. Y. Typewriting machines and parts for typewriting machines. 360,173; Sept. 6. Class 23.

Ruth, Joseph P., Denver, Colo. Mine locomotives. 360,067; Sept. 6; Serial No. 404,584; published June 28, 1938. Class 23.

Safety Vulcanizer Company, Chicago, Ill. Tire repair vulcanizers, tube repair vulcanizers, etc. 359,962; Sept. 6; Serial No. 398,593; published June 28, 1938. Class 23.

St. Clair Foods Company, McAllen, Tex. Canned foods. 359,992; Sept. 6; Serial No. 401,795; published June 28, 1938. Class 46.

Saks & Company, New York, N. Y. Women's and misses' blouses. 360,052; Sept. 6; Serial No. 404,378; published June 14, 1938. Class 39.

Salesmen's League of America, Inc., New York, N. Y. Periodical publication. 359,947; Sept. 6; Serial No. 395,629; published June 28, 1938. Class 38.

Sandora Frocks, Inc., New York, N. Y. Cotton dresses. 360,125; Sept. 6; Serial No. 405,320; published June 21, 1938. Class 39.

Schneider, Lou, Inc., New York, N. Y. Ladies' coats and suits. 359,945; Sept. 6; Serial No. 395,318; published Nov. 16, 1937. Class 39.

Schneider, Roy E., doing business as Alder Products Co., Kansas City, Mo. Specialized lubricating and penetrating oil. 359,923; Sept. 6; Serial No. 385,154; published June 28, 1938. Class 15.

Schoeneman, J., Inc., Baltimore, Md. Coats, vests, trousers, etc. 360,111; Sept. 6; Serial No. 405,134; published June 7, 1938. Class 39.

Security Engineering Co. Inc., Whittier, Calif. Oil and gas well drilling, operating, and cementing equipment. 360,142; Sept. 6; Serial No. 405,570; published June 28, 1938. Class 13.

Seminole Paper Corporation, Chicago, Ill. Toilet paper. 360,126; Sept. 6; Serial No. 405,322; published June 14, 1938. Class 37.

Shlansky, Philip, & Bro., Inc., New York, N. Y. Women's and misses' coats and suits. 360,192; Sept. 6. Class 39.

Showmen's Trade Review, Inc., New York, N. Y. Annual trade publication. 360,033; Sept. 6; Serial No. 403,925; published June 28, 1938. Class 38.

Silzle, Earl, Co., Anaheim, Calif. Orange butter, orange marmalade, citrus fruit juices, etc. 359,968; Sept. 6; Serial No. 399,810; published June 28, 1938. Class 46.

Simon, Robert, doing business as Rosico Candy Company, Chicago, Ill. Paper cups and containers. 360,090; Sept. 6; Serial No. 404,911; published June 21, 1938. Class 2.

Simplicity Pattern Company, New York, N. Y. Fashion periodicals. 360,058; Sept. 6; Serial No. 404,496; published June 28, 1938. Class 38.

Simpson, Wm., Sons & Co., Inc., Philadelphia, Pa. Outer shirts. 360,095; Sept. 6; Serial No. 404,957; published June 14, 1938. Class 39.

Smead Manufacturing Company, The, Hastings, Minn. Filing pockets, expanding wallets, file holders, etc. 360,023; Sept. 6; Serial No. 403,473; published June 28, 1938. Class 37.

Solvay Process Company, The, Solvay, to The Solvay Process Company, New York, N. Y. Paper-filling material. 123,862; renewed Dec. 10, 1938.

Spatola, Joseph, Sr., doing business as Spatola Importing Company, Philadelphia, Pa. Scotch whiskey. 359,129; Sept. 6; Serial No. 405,372; published June 28, 1938. Class 49.

Spiral Wind Fish Reel Company. (See Maynes, Hyla F., assignor.)

Standard Oil Company of New Jersey, Wilmington, Del. Lubricating oils and lubricating greases. 359,979; Sept. 6; Serial No. 401,002; published June 28, 1938. Class 15.

Standard Oil Company of New Jersey. (See Pennsylvania Lubricating Company, assignor.)

Standard Wall Covering Company, Inc., Philadelphia, Pa. Wall panels. 360,143–5; Sept. 6; Serial Nos. 405,572–4; published June 28, 1938. Class 12.

Stanley Works, The, New Britain, Conn. Hinges, hasps and staples, sash and clothes line pulleys, etc. 359,998; Sept. 6; Serial No. 402,144; published May 31, 1938. Class 13.

Star Bedding Company. (See Paransky, David.)

Stein, A., & Company, Chicago, Ill. Garters, suspenders, arm bands, and belts. 360,022; Sept. 6; Serial No. 403,429; published May 17, 1938. Class 39.

Stetson China Company, Inc., Chicago, Ill. China tableware. 360,091; Sept. 6; Serial No. 404,921; published June 28, 1938. Class 30.

Stores Publishing Co. Inc., New York, N. Y. Magazine. 359,967; Sept. 6; Serial No. 399,580; published Jan. 11, 1938. Class 38.

Stout, C. B. (See Warner, Moore & Co., assignor.)

Strauss Bros. & Co., New York, N. Y. Needles for hand use. 360,116; Sept. 6; Serial No. 405,226; published June 14, 1938. Class 40.

Stuver, John C., Barberton, Ohio. Coal. 359,936–8; Sept. 6; Serial Nos. 392,058–60; published June 21, 1938. Class 1.

Swofford, Peter J., Graham, Tex. Holders for bottles, cans, etc. 360,146; Sept. 6; Serial No. 405,576; published June 14, 1938. Class 2.

Tank Seal Products Company, Tulsa, Okla. Plastic tank cement; plastic tank bottom cement; etc. 360,112; Sept. 6; Serial No. 405,139; published June 28, 1938. Class 12.

Taylor, William I., Philadelphia, Pa. Index or filing cards. 360,014; Sept. 6; Serial No. 403,101; published June 14, 1938. Class 37.

Thurston Cutting Corporation, New York, N. Y. Cut fabric tape. 359,999; Sept. 6; Serial No. 402,209; published June 14, 1938. Class 40.

Tilton & Cook Co., Leominster, Mass. Hair pins, barrettes, bandeaux, etc. 359,980; Sept. 6; Serial No. 401,082; published June 21, 1938. Class 40.

Toland & Donald, Mission, Tex. Fresh citrus fruits. 359,973; Sept. 6; Serial No. 400,138; published Feb. 15, 1938. Class 46.

Towle Manufacturing Company, Newburyport, Mass. Flatware and hollow ware. 360,186; Sept. 6. Class 28.

Train & McIntyre, Limited, Glasgow, Scotland. Scotch whisky. 360,034; Sept. 6; Serial No. 403,927; published June 28, 1938. Class 49.

Tremont Mills Corporation, New York, N. Y. Ribbon and cord. 360,017; Sept. 6; Serial No. 403,151; published June 28, 1938. Class 42.

Tribike Company. (See Hughes, Edward J.)

Trico Products Corporation. (See Tri-Continental Corporation.)

Tri-Continental Corporation, to Trico Products Corporation, Buffalo, N. Y., successor. Wind-shield cleaners. 123,173; renewed Oct. 15, 1938.

Tritt, Olga, New York, N. Y. Jewelry. 360,005; Sept. 6; Serial No. 402,747; published June 28, 1938. Class 28.

Tumbler, Joseph A., doing business as J. A. Tumbler Laboratories, Baltimore, Md. Preparation for degreasing and cleaning cement floors, auto chassis, etc. 360,135; Sept. 6; Serial No. 405,468; published June 28, 1938. Class 4.

Turco Products, Inc., Los Angeles, Calif. Cleaning compounds. 360,168; Sept. 6; Serial No. 406,357; published June 28, 1938. Class 4.

Turco Products, Inc., Los Angeles, Calif. Glass cleaning preparations. 360,169; Sept. 6; Serial No. 406,358; published June 28, 1938. Class 4.

Turner, Taub & Mandel, San Francisco, Calif. Ladies' coats. 360,038; Sept. 6; Serial No. 404,066; published May 31, 1938. Class 39.

Undergarment Manufacturing Company, Fort Wayne, Ind. Ladies', misses', and children's undergarments. 360,028; Sept. 6; Serial No. 403,619; published May 31, 1938. Class 39.

Union Bottling Company, Memphis, Tenn. Soft drinks. 360,147; Sept. 6; Serial No. 405,577; published June 28, 1938. Class 45.

United Feature Syndicate, Inc., New York, N. Y. Magazine. 360,045; Sept. 6; Serial No. 404,275; published June 28, 1938. Class 38.

United Sheeplined Clothing Co., Long Branch, N. J. Leather and fabric coats and jackets. 360,024; Sept. 6; Serial No. 403,482; published June 14, 1938. Class 39.

U. S. Knitwear Corp., New York, N. Y. Women's misses', and children's jackets. 360,039; Sept. 6; Serial No. 404,097; published May 31, 1938. Class 39.

United States Playing Card Company, The, East Norwood, Cincinnati, Ohio. Playing cards. 360,030; Sept. 6; Serial No. 403,743; published June 28, 1938. Class 22.

Universal Motor Oils Co., Inc., Wichita, Kans. Lubricating oils and greases, and motor fuel, oil, etc. 359,951; Sept. 6; Serial No. 396,584; published Dec. 14, 1937. Class 15.

Utilities Service Company, Allentown, Pa. Guy guards. 360,177; Sept. 6. Class 13.

Utility Trailer Manufacturing Company, Los Angeles, Calif. Vehicle bodies. 360,085; Sept. 6; Serial No. 404,876; published June 28, 1938. Class 19.

Valley Drug & Chemical Co., to Herbert R. Kind, doing business as Valley Paint & Chemical Company, Norwich, Conn, successor. Insecticides. 123,955; renewed Dec. 24, 1938.

Vim Laboratories, Chicago, Ill. Beverages. 360,096; Sept. 6; Serial No. 404,969; published June 28, 1938. Class 45.

Wadsworth, Howland & Co., Incorporated, Boston, Mass. Colors in oil, ready-mixed paints, and wood-filler. 123,179; renewed Oct. 15, 1938.

Wagner-Feller & Co., New York, N. Y. Fur pelts. 360,064; Sept. 6; Serial No. 404,553; published June 28,1938. Class 1.

Walker, Tom, Inc., Pittsburgh and Glenfield, Pa. Whiskey. 360,040; Sept. 6; Serial No. 404,142; published June 28, 1938. Class 49.

Warner, Moore & Co., assignor to C. B. Stout, doing business as Dixie-Portland Flour Mills, Richmond, Va. Flour. 121,570; renewed May 7, 1938.

Watkins, William B., Evanston, Ill. Cooking hollowware. 360,117; Sept. 6; Serial No. 405,231; published June 28, 1938. Class 13.

Weingarten, Miriam, doing business as Milton Weingarten Co., San Francisco, Calif. Jewelry cleaner. 360,159; Sept. 6; Serial No. 405,948; published June 28, 1938. Class 4.

West Point Manufacturing Company, Langdale, Ala. Towels. 360,160; Sept. 6; Serial No. 405,950; published June 28, 1938. Class 42.

Wheeler Insulated Wire Co., The, Bridgeport, Conn. Electric wire. 360,102; Sept. 6; Serial No. 405,043; published June 28, 1938. Class 21.

Whirlfio Corporation, The, Pittsburgh, Pa. Apparatus for straining or filtering fluids, and parts thereof. 360,157; Sept. 6; Serial No. 405,867; published June 28, 1938. Class 31.

Whitson Products Co., Inc., Brooklyn, N. Y. Orange syrup. 360,189; Sept. 6. Class 45.

Willco Mfg. Company. (See Grant, William G.)

Williams, Frances R., doing business as Mrs. Winthrop Williams, Kansas City, Mo. Series of cartons. 360,012; Sept. 6; Serial No. 403,026; published June 28, 1938. Class 38.

Witkowski, Joseph S., doing business at Witt Packing Co., Chicago, Ill. Prepared dog food. 360,020; Sept. 6; Serial No. 403,345; published June 28, 1938. Class 46.

Witt Packing Co. (See Witkowski, Joseph S.)

Worthington, Geo., Company, The, Cleveland, Ohio. Composition roofing, sheet metal roofing, etc. 359,932; Sept. 6; Serial No. 391,832; published June 28, 1938. Class 12.

Worthington Geo., Company, The, Cleveland, Ohio. Carving knives, kitchen knives, pocket knives, etc. 359,933; Sept. 6; Serial No. 391,835; published June 28, 1938. Class 23.

Worthington, Geo., Company, The, Cleveland, Ohio. Rubber hose, leather belting, canvas belting, etc. 359,934; Sept. 6; Serial No. 391,840; published June 28, 1938. Class 35.

Wright-DeCoster, Inc., St. Paul, Minn. Magnets. 359,986; Sept. 6; Serial No. 401,463; published June 28, 1938. Class 21.

Yoho, Jud, doing business as Yoho & Hooker, Youngstown, Ohio, assignor to John Morrell & Co., Ottumwa, Iowa. Kennel bedding. 359,953; Sept. 6; Serial No. 396,944; published Feb. 8, 1938. Class 1.

Zephyr Company, Minneapolis, Minn. Electric vacuum cleaners. 359,943; Sept. 6; Serial No. 394,072; published June 28, 1938. Class 21.

LIST OF REGISTRANTS OF LABELS

Ace Poison Ivy Co., New York, N. Y. Ace Poison Ivy Remedy. For a Poison Ivy Remedy. 51,699; Sept. 6.

Amalgamated Clothing Workers of America, New York, N. Y. Union Made Work Clothes. For Work Clothes. 51,700; Sept. 6.

Atlantic County Farmers Co-Op Association, Mays Landing, N. J. A & C Cucumbers. For Cucumbers. 51,701; Sept. 6.

Bengué, Jules, Paris, France. Baume Bengué. For Balm for the Relief of Rheumatic Pains, Neuralgia and Colds. 51,702; Sept. 6.

Bowman, Abram S., doing business as A. Smith Bowman Distillery, Sunset Hills, Va. Old Virginia Hills. For Straight Bourbon Whiskey. 51,703; Sept. 6.

California Consumers Corporation, Los Angeles, Calif. Best Circles. For Canned Orange Juice. 51,722; Sept. 6.

Claff, M. B., & Sons, Inc., Randolph and Brockton, Mass. The Brute. For Shoe. 51,704; Sept. 6.

Coleman-Sewell Corporation, The, Cleveland, Ohio. Unguentum Melaform. For a Medicinal Preparation. 51,705; Sept. 6.

Coleman-Sewell Corporation, The, Cleveland, Ohio. Unguentum Melaustrol. For a Medicinal Preparation. 51,706; Sept. 6.

Colonial Works, Brooklyn, N. Y. Colonial Exterior Primer. For a Non-Penetrating Type of Coating. 51,707; Sept. 6.

Continental Distilling Corporation, Philadelphia, Pa. Philadelphia Straight Rye Whiskey. For Straight Rye Whiskey. 51,708; Sept. 6.

Corry, F. D., Victoria, British Columbia, Canada. Cory's Slug Death. For a Powder for Killing Slugs and Snails. 51,709; Sept. 6.

Co-Tabs Pharmacal Co. (See Kulp, Emil.)

Dayton Spice Mills Company, Dayton, Ohio. Old Reliable. For Coffee. 51,710; Sept. 6.

Dayton Spice Mills Company, The, Dayton, Ohio. Oven Roasted. For Coffee. 51,711; Sept. 6.

Dayton Spice Mills Company, The, Dayton, Ohio. Polo Club. For Coffee. 51,712; Sept. 6.

Dayton Spice Mills Company, The, Dayton, Ohio. Southmoor. For Coffee. 51,713; Sept. 6.

Dennis, Paul G., Albany, N. Y. Recording Reporter. For Records Recorded. 51,714; Sept. 6.

Diamond Ginger Ale, Inc., Waterbury, Conn. Diamond. For Sparkling Water. 51,715; Sept. 6.

Diamond Ginger Ale, Inc., Waterbury, Conn. Diamond. For Club Soda. 51,716; Sept. 6.

Dominion Dry Co., Burlington, Vt. Dominion Dry. For Ginger Ale. 51,717; Sept. 6.

Electric Corporation of America, Boston, Mass. Safe-T-Lite ECA Lamps. For Genuine Tungsten Lamps. 51,718; Sept. 6.

El-Jay Products. (See Murphy, L. J.)

Emery Industries, Inc. (See Mehl, Jonah.)

Fleetwood Baking Co., Mount Vernon, N. Y. Superior Bread. For Bread. 51,719; Sept. 6.

Florence Baking Company. (See Pierini, Dino.)

French Kitchen Foods Corporation, Los Angeles, Calif. Onion Soup. For Onion Soup. 51,720; Sept. 6.

Garlock, Chris, Cleveland, Ohio. 52 Glass Cleaner. For a Glass Cleaner. 51,721; Sept. 6.

Gilbert, A. C., Company, The, New Haven, Conn. Gilbert American Flyer Tru-Model Train. For Model Trains. 51,723; Sept. 6.

Great Eastern Corporation, Baltimore, Md. Bettar Dri-Bath. For a Liquid Preparation for Bathing Dogs and Cats. 51,724; Sept. 6.

Hampden Brewing Company, Willimansett, Mass. Good Measure. For Ale and Beer. 51,725; Sept. 6.

Hart Drug Corporation, Miami, Fla. Thiaplex. For a Concentrate of the Vitamin-B Complex. 51,726–7; Sept. 6.

Hawaiian Pineapple Company, Ltd., Honolulu, Hawaii, and San Francisco, Calif. Doles (Slices). For Canned Pineapple. 51,728; Sept. 6.

Hawaiian Pineapple Company, Ltd., Honolulu, Hawaii, and San Francisco, Calif. Dole (Crushed) Pineapple. For Crushed Pineapple. 51,729; Sept. 6.

Hays, Daniel, Company, Inc., The, Gloversville and New York, N. Y. Finger Free Gloves. For Gloves. 51,730; Sept. 6.

Histon Products Company, Chicago, Ill. Anatone. For a Medicinal Preparation for Rectal Treatment. 51,731; Sept. 6.

Hoffman Beverage Company, Newark, N. J. Hoffman Beer. For Beer. 51,732; Sept. 6.

Hold-Me-Safe. (See Zsizseri, Michael.)

Hypo Allergic Foods, Miami, Fla. Horlamus. For Pure Rye Bread for Allergic People. 51,733; Sept. 6.

Jones, Walter L., doing business as Pelham Safety Products, St. Louis, Mo. Pelham Trailer Level. For Trailer Levels. 51,734; Sept. 6.

Kilstain Company, The, St. Paul, Minn. Kilstain. For a Stain Removing Liquid. 51,735; Sept. 6.

Kleen Kit Co., Pittsburg, Tex. Kleen Kitt. For an All Purpose Cleaner. 51,736; Sept. 6.

Kopmels, Pauline C., New York, N. Y. Carline New Face Cream Soap. For Face Cream Soap. 51,737; Sept. 6.

Kroger Grocery & Baking Company, The, Cincinnati, Ohio. Kroger's Twinkle Chocolate Pudding. For a Product for Making Chocolate Flavor Pudding and Pie Filling. 51,738; Sept. 6.

Kroger Grocery & Baking Company, The, Cincinnati, Ohio. Kroger's Twinkle Butterscotch Pudding. For a Product for Making Butterscotch Flavor Pudding and Pie Filling. 51,739; Sept. 6.

Kulp, Emil, doing business as Co-Tabs Pharmacal Co., Chicago, Ill. Co-Tabs. For Effervescent Antiseptic Tablets. 51,740; Sept. 6.

Lamproplos, William, & Sons, Inc., Latrobe, Pa. Union Cadets. For Stogies. 51,741; Sept. 6.

Loma Linda Food Company, Loma Linda, Calif. Ruskets. For Malted Toasted Whole Wheat Biscuits. 51,742; Sept. 6.

Marantz Paper Company, Brooklyn, N. Y. Hostess Towels. For Towels. 51,743; Sept. 6.

Martin, Grace G., Forest Hills, Long Island, N. Y. Dairy Farm Products Order Pad and Calendar. For an Order Pad and Calendar. 51,744; Sept. 6.

Mehl, Jonah, assignor to Emery Industries, Inc., Cincinnati, Ohio. When is Your Birthday? For Birthday Candle Holders. 51,745; Sept. 6.

Mesa Citrus Growers, Mesa, Ariz. Four "A", Arizona. For Grapefruit. 51,746; Sept. 6.

Murphy, L. J., doing business as El-Jay Products, Brooklyn, N. Y. El-Jay Metal Polish. For Metal Polish. 51,747; Sept. 6.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Cranberry Sauce). For Cranberry Sauce. 51,748; Sept. 6.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Corn). For Whole Kernel Bantam Corn. 51,749; Sept. 6.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Rice). For Rice. 51,750; Sept. 6.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Tea). For Orange Pekoe and Pekoe Black Tea. 51,751; Sept. 6.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Prunes). For Prunes. 51,752; Sept. 6.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Elmdale (Pineapple). For Pineapple. 51,753; Sept. 6.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Elmdale (Tomatoes). For Tomatoes. 51,754; Sept. 6.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Viking (Pepper). For Black Pepper. 51,755; Sept. 6.

Newman, Max H., doing business as Newman Products Company, New York, N. Y. The Taste Sensation from the Orient. For a Non-Alcoholic Beverage Made from Fruit. 51,756; Sept. 6.

Pelham Safety Products. (See Jones, Walter L.)

Penick & Ford, Ltd. Incorporated, New York, N. Y. Sho' is Fine. For Corn Syrup and Sugar Cane Products. 51,757; Sept. 6.

Phillips Petroleum Company, Bartlesville, Okla. Travel Pak. For Motor Oil. 51,758; Sept. 6.

Pierini, Dino, doing business as Florence Baking Company, Chicago, Ill. Gianduya-Grissini. For Italian Bread Sticks. 51,759; Sept. 6.

Quade, Charles B., Arlington, Va. Potomac Sea Food Sauce. For a Sea Food Sauce. 51,760; Sept. 6.

Ross, Will, Inc., Milwaukee, Wis. Kenwood Stitched Dressing Rolls. For Surgical Dressing Rolls. 51,761; Sept. 6.

Royal Hawaiian Distributing Company, Honolulu, Hawaii. Hawaii Nei, Lei of Fragrance Perfume. For Perfume. 51,762; Sept. 6.

Ruley Hair Tonic Company, The, Berea, Ky. Ruley's Hair Tonic and Dandruff Remover. For Hair Tonic and Dandruff Remover. 51,763; Sept. 6.

Scaglione, Rosario, Girard, Ohio. Radio Golden Silk Vine. For a Vine. 51,764; Sept. 6.

Selmer, H. & A., Inc., Elkhart, Ind. Selmer "No-Krack" Kit for Clarinet. For a Kit Containing a Bore Oiler (Including Swab, Wick and Leak-Proof Case), Bore Oil, Chamois Swab and Instruction Booklet Telling How to Prevent Water Penetration in Clarinets. 51,765; Sept. 6.

Shonts, Jack C., Riverside, Calif. 4444 Root Beer. For Root Beer. 51,766; Sept. 6.

Skidoo Company, The, Columbus, Ohio. Skidoo the Household Creamy Cleanser. For a Cleaning Soap. 51,767; Sept. 6.

Smith, Malley O., Oklahoma City, Okla. Visible Fingerprint Powder. For Finger-Powder. 51,768; Sept. 6.

Stein, George F., Brewery, Inc., Buffalo, N. Y. Canadian Brand Cream Ale. For Cream Ale. 51,769; Sept. 6.

University of Tennessee Engineering Experiment Station, Knoxville, Tenn. Tennessee Quick-Frozen Strawberries. For Frozen Strawberries. 51,770; Sept. 6.

University of Tennessee Engineering Experiment Station, Knoxville, Tenn. Tennessee Quick-Frozen Youngberries. For Frozen Youngberries. 51,771; Sept. 6.

Utica Brewing Company, The, Utica, N. Y. Fort Schuyler. For Ale. 51,772; Sept. 6.

Veterinary Laboratories, Clifton, N. J. Dr. H. M. Lewis Antiseptic Veterinary Pack. For Antiseptic Veterinary Packs. 51,773; Sept. 6.

Wain's Laboratory, Inc., Hollywood, Calif. Wain's. For Capsules for the Relief of Attacks of Bronchial Asthma or Bronchial Coughs. 51,774; Sept. 6.

West Indies Liquor Corporation, New Orleans, La. Mayfair. For Distilled London Dry Gin. 51,775; Sept. 6.

West Indies Liquor Corporation, New Orleans, La. Snow White. For Distilled London Dry Gin. 51,776; Sept. 6.

Worcester Salt Company, New York, N. Y. Worcester Ivory. For Salt. 51,777; Sept. 6.

Zendico Hygiene Products Co., New York, N. Y. Deks-Ter-I-Ti. For Dentist Educational Toy Sets. 51,778; Sept. 6.

Zsizseri, Michael, doing business as Hold-Me-Safe, Trenton, N. J. Hold-Me-Safe. For Safety Belts for Use in Motor Vehicles. 51,779; Sept. 6.

LIST OF REGISTRANTS OF PRINTS

American Straw Goods Company. (See Rich, Benjamin.)

Amirol Admiracion Sales Corporation, Harrison, N. J. Amirol. The Ultimate in Beautiful Hair Coloring. For Hair Coloring. 17,024; Sept. 6.

Autopoint Company, Chicago, Ill. Coloriter. For Multicolor Pencil Sets. 17,025; Sept. 6.

Barnes, Susie R., Buckley, Wash. Ford Service Sales & Service. For Automobiles. 17,026; Sept. 6.

Baur Flour Mills Co., St. Louis, Mo. Recalls Baking Joys of Great-Great-Grandmother. For Flour. 17,027; Sept. 6.

Blatz Brewing Company, Milwaukee, Wis. The Jolly Foursome. For Malt Beverages. 17,028; Sept. 6.

Blatz Brewing Company, Milwaukee, Wis. A True Ale. For Ale. 17,029; Sept. 6.

Brach, E. J., & Sons, Chicago, Ill. Brach's Pure Wholesome Candies. For Candies. 17,030; Sept. 6.

Brach, E. J., & Sons, Chicago, Ill. Price Cards are Silent Salesmen. For Candy. 17,031; Sept. 6.

Chicago Printed String Co., Chicago, Ill. Ribbonette. For Tying Material Made of Fine Quality Cotton Yarns. 17,032; Sept. 6.

Cream of Wheat Corporation, The, Minneapolis, Minn. A Great Labor Saving Package for Your Kitchen! For a Prepared Mixture for Making Cookies. 17,033; Sept. 6.

Cream of Wheat Corporation, The, Minneapolis, Minn. A Big Hit! For a Prepared Mixture for Making Cookies. 17,034; Sept. 6.

Fashion Hosiery Stores, Inc., Pittsburgh, Pa. Fashion Hosiery Shops Club Card. For Hosiery and Lingerie. 17,035; Sept. 6.

General Mills, Inc., Minneapolis, Minn. 2 Kinds of Cookies to Make Children's Mouths Water! For Flour. 17,044; Sept. 6.

Nicholas & Co., Incorporated, New York, N. Y. Queen Anne Blended Scotch Whisky. For Blended Scotch Whisky. 17,036; Sept. 6.

Ort, Karl, York, Pa. Karl Ort York Penna. For Aeroplane Supplies, Materials, and Accessories. 17,037; Sept. 6.

Pearson, Carl, doing business as Carl Pearson Brass Foundry and Machine Works, Denver, Colo. Pear-O Challenger Bearing Bronze Bars. For Bearing Bronze Bars. 17,038; Sept. 6.

Pfeiffer Brewing Company, Detroit, Mich. Pfeiffer's Beer with the New 'Pfer-Kap'. For Beer. 17,039; Sept. 6.

Pfeiffer Brewing Company, Detroit, Mich. Biggest Show for Your Money. For Beer. 17,040; Sept. 6.

Rich, Benjamin, doing business as American Straw Goods Company, New York, N. Y. Normandie. For Wool Felts. 17,041; Sept. 6.

Roy Toy Company, Worcester, Mass. Ride with Safety Eat for Health. For Bread. 17,042; Sept. 6.

Weber & Heilbroner, Inc., New York, N. Y. In the New York Manner. For Men's Shirts. 17,043; Sept. 6.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Bedding, Kennel. J. Yoho. 359,953; Sept. 6; Serial No. 396,944; published Feb. 8, 1938.

Bristles, Artificial. Hughes-Autograf Brush Co. Inc. 360,097–8; Sept. 6; Serial Nos. 404,991–2; published June 21, 1938.

Coal. Bell & Zoller Coal Company. 360,015; Sept. 6; Serial No. 403,115; published May 31, 1938.

Coal. Island Creek Coal Sales Company. 360,123; Sept. 6; Serial No. 405,281; published June 21, 1938.

Coal. J. C. Stuver. 359,936–8; Sept. 6; Serial Nos. 392,058–60; published June 21, 1938.

Compositions of matter commonly known as "plastics". American Plastic Corporation. 359,965; Sept. 6; Serial No. 399,221; published June 21, 1938.

Fur pelts. Wagner-Feller & Co. 360,064; Sept. 6; Serial No. 404,553; published June 28, 1938.

Leather, Unfinished and partly finished. Allied Kid Company. 360,136; Sept. 6; Serial No. 405,469; published June 14, 1938.

Seed, Grass. Chanderlin Seed Company. 360,115; Sept. 6; Serial No. 405,193; published June 21, 1938.

Skins dressed and dyed, Fur. Herman Basch & Co. Inc. 359,996; Sept. 6; Serial No. 402,112; published June 21, 1938.

Wood pulp. Container Corporation of America. 360,162; Sept. 6; Serial No. 405,984; published June 28, 1938.

CLASS 2

Asphalt interlined cement burial vaults. Wilbert W. Haase Co. 360,041; Sept. 6; Serial No. 404,153; published June 21, 1938.
Crates or containers. Cummer Sons Cypress Company. 360,181; Sept. 6.
Cups and containers, Paper. R. Simon. 360,090; Sept. 6; Serial No. 404,911; published June 21, 1938.
Cups, Paper drinking. Boston Envelope Co. 360,076; Sept. 6; Serial No. 404,747; published June 21, 1938.
Holders for bottles, cans, etc. P. J. Swofford. 360,146; Sept. 6; Serial No. 405,576; published June 14, 1938.
Receptacle, Dog food. Justrite Manufacturing Company. 359,942; Sept. 6; Serial No. 393,491; published July 20, 1937.

CLASS 4

Abrasive ice skate sharpener. Nestor Johnson Manufacturing Company. 360,182; Sept. 6.
Abrasive tools, abrasive wheels, and abrasive disks. Gardner Machine Company. 360,043; Sept. 6; Serial No. 404,209; published June 28, 1938.
Cleaner, Jewelry. M. Weingarten. 360,159; Sept. 6; Serial No. 405,948; published June 28, 1938.
Cleaning compounds. Turco Products, Inc. 360,168; Sept. 6; Serial No. 406,357; published June 28, 1938.
Cleaning preparation, Brewers' tank. A. Gusmer, Inc. 360,072; Sept. 6; Serial No. 404,647; published June 28, 1938.
Cleaning preparation. Glass. Turco Products, Inc. 360,169; Sept. 6; Serial No. 406,358; published June 28, 1938.
Preparation for degreasing and cleaning cement floors, auto chassis, etc. J. A. Tumbler. 360,135; Sept. 6; Serial No. 405,468; published June 28, 1938.
Soap. Mellier Company, Perfumer. 124,202; renewed Jan. 21, 1939.
Soap, Complexion. Hewitt Soap Company. 359,952; Sept. 6; Serial No. 396,918; published June 28, 1938.
Washing compounds and dish washing powders, Dish. Mar-Vin Dispenser and Products Co. 359,988; Sept. 6; Serial No. 401,533; published June 28, 1938.

CLASS 6

Chemicals, medicines, and pharmaceutical preparations. Brewer & Company, Inc. 124,289; renewed Feb. 4, 1939.
Insecticides. Valley Drug & Chemical Co. 123,955; renewed Dec. 24, 1938.
Medicines. Eli Lilly and Company. 123,336; renewed Oct. 29, 1938.
Ointments and suppositories. C. E. Jamieson & Co. 359,955; Sept. 6; Serial No. 397,335; published May 3, 1938.
Paper-filling material. Solvay Process Company. 123,862; renewed Dec. 10, 1938.
Perfume. H. Ohayon. 359,939; Sept. 6; Serial No. 392,765; published May 17, 1938.
Toilet Preparations. Mellier Company, Perfumer. 124,122; renewed Jan. 14, 1939.

CLASS 11

Bluing liquid. J. Acquisto. 360,008; Sept. 6; Serial No. 402,839; published June 28, 1938.
Inks, Printing. International Printing Ink Corporation. 360,167; Sept. 6; Serial No. 406,186; published June 28, 1938.

CLASS 12

Building units. S. Gessler. 359,987; Sept. 6; Serial No. 401,479; published June 28, 1938.
Construction materials. International Insulation Company. 123,355; renewed Oct. 29, 1938.
Lime. Glencoe Lime & Cement Co. 360,001; Sept. 6; Serial No. 402,371; published June 28, 1938.
Panels, Wall. Standard Wall Covering Company. 360,143–5; Sept. 6; Serial Nos. 405,572–4; published June 28, 1938.
Pipe joint compounds. Kenite Laboratory, Inc. 359,975; Sept. 6; Serial No. 400,305; published June 28, 1938.
Roofing, sheet metal roofing, etc., Composition. Geo. Worthington Company. 359,932; Sept. 6; Serial No. 391,832; published June 28, 1938.
Synthetic compound. Ever-Plastics Corporation. 359,997; Sept. 6; Serial No. 402,119; published June 28, 1938.
Tank cement; plastic tank bottom cement; etc., Plastic. Tank Seal Products Company. 360,112; Sept. 6; Serial No. 405,139; published June 28, 1938.

CLASS 13

Drilling, operating, and cementing equipment, Oil and gas well. Security Engineering Co. Inc. 360,142; Sept. 6; Serial No. 405,570; published June 28, 1938.
Guards, Guy. Utilities Service Company. 360,177; Sept. 6.
Hardware and plumbing and steam-fitting supplies. Iowa Gate Co. 123,603; renewed Nov. 19, 1938.
Hinges, hasps and staples, sash and clothes line pulleys, etc. Stanley Works. 359,998; Sept. 6; Serial No. 402,144; published May 31, 1938.
Hollowware, Cooking. W. B. Watkins. 360,117; Sept. 6; Serial No. 405,231; published June 28, 1938.

CLASS 14

Welding electrodes, Metallic. Lincoln Electric Company. 360,060; Sept. 6; Serial No. 404,505; published June 28, 1938.

CLASS 15

Candles, bullet lubricants, colloidal graphited oil, Gunsight blackening. J. E. Moon. 360,055; Sept. 6; Serial No. 404,446; published June 28, 1938.
Lubricants, lubricating oils, lubricating greases, etc. R. M. Hollingshead Corporation. 360,120; Sept. 6; Serial No. 405,251; published June 28, 1938.
Oil, Motor lubricating. A. Phillips Service. 360,121; Sept. 6; Serial No. 405,264; published June 28, 1938.
Oil, Specialized lubricating and penetrating. R. E. Schneider. 359,923; Sept. 6; Serial No. 385,154; published June 28, 1938.
Oils and greases, and motor fuel, oil, etc., Lubricating. Universal Motor Oils Co. 359,951; Sept. 6; Serial No. 396,584; published Dec. 14, 1937.
Oils and greases, Lubricating. Pennsylvania Lubricating Company. 123,638; renewed Nov. 19, 1938.
Oils and lubricating greases, Lubricating. Standard Oil Company of New Jersey. 359,979; Sept. 6; Serial No. 401,002; published June 28, 1938.
Oils and lubricating oils and greases, Cutting. Paragon Oil Company. 360,110; Sept. 6; Serial No. 405,128; published June 28, 1938.
Oils, Fuel. Cities Service Asphalt Company. 360,184; Sept. 6.
Oils, Lubricating. Auto-Lec Stores, Inc. 360,010; Sept. 6; Serial No. 402,927; published June 28, 1938.

CLASS 16

Colors in oil, ready-mixed paints, and wood-filler. Wadsworth, Howland & Co. 123,179; renewed Oct. 15, 1938.
Paint, Barn and roof. Ivoroid Mixed Paint Company. 360,114; Sept. 6; Serial No. 405,162; published June 28, 1938.
Paint, varnish, varnish stain, etc. J. F. Kurfees Paint Company. 360,163; Sept. 6; Serial No. 406,061; published June 28, 1938.
Paints and paint enamels. General Paint & Varnish Co. 360,073; Sept. 6; Serial No. 404,706; published June 28, 1938.
Paints and paint enamels, Ready mixed. Humble Oil & Refining Company. 360,004; Sept. 6; Serial No. 402,565; published June 28, 1938.

CLASS 17

Cigars. H. Fendrich, Inc. 360,151; Sept. 6; Serial No. 405,694; published June 21, 1938.
Tobacco and smoking tobacco, Chewing. Mid-West Tobacco Co. 360,007; Sept. 6; Serial No. 402,783; published June 14, 1938.
Tobacco, Smoking. John Middleton Inc. 360,027; Sept. 6; Serial No. 403,602; published June 21, 1938.

CLASS 19

Automobile seat covers. Gramatn Trading Corporation. 360,104; Sept. 6; Serial No. 405,070; published June 14, 1938.
Seat covers and pads, Vehicle. Evr-Klean Seat Pad Co. 359,928; Sept. 6; Serial No. 388,927; published June 28, 1938.
Seat covers, Automobile. Evr-Klean Seat Pad Co. 359,927; Sept. 6; Serial No. 388,923; published June 28, 1938.
Vehicle bodies. Utility Trailer Manufacturing Company. 360,085; Sept. 6; Serial No. 404,876; published June 28, 1938.

CLASS 21

Appliances, Electrical. McGraw Electric Company. 359,929; Sept. 6; Serial No. 389,563; published June 28, 1938.
Fans, Electric. Knapp-Monarch Company. 360,154; Sept. 6; Serial No. 405,710; published June 28, 1938.
Lamp bulbs, Electric incandescent. Herzog Miniature Lamp Works, Inc. 360,061; Sept. 6; Serial No. 404,524; published June 28, 1938.
Magnets. Wright-DeCoster, Inc. 359,986; Sept. 6; Serial No. 401,463; published June 28, 1938.
Switches, Electric. P. R. Mallory & Co. 360,150; Sept. 6; Serial No. 405,654; published June 28, 1938.
Vacuum cleaners, Electric. Zephyr Company. 359,943; Sept. 6; Serial No. 394,072; published June 28, 1938.
Wire, Electric. Wheeler Insulated Wire Co. 360,102; Sept. 6; Serial No. 405,043; published June 28, 1938.

CLASS 22

Athletic equipment. W. G. Grant. 360,031; Sept. 6; Serial No. 403,867; published June 28, 1938.
Dolls and dummy representations of beings. E. Bennet. 360,164; Sept. 6; Serial No. 406,086; published June 28, 1938.

Fishing reels. H. L. Maynes. 360,174; Sept. 6.
Games, Board and counter. Essanar Company. 123,032–3; renewed Oct. 8, 1938.
Playing cards. United States Playing Card Company. 360,030; Sept. 6; Serial No. 403,743; published June 28, 1938.
Skis, side-irons, toe irons for skis, etc. Al. Reuge et Cie. 359,958; Sept. 6; Serial No. 397,770; published June 28, 1938.
Velocipedes, Children's. E. J. Hughes. 360,011; Sept. 6; Serial No. 402,976; published June 28, 1938.

CLASS 23

Knives, kitchen knives, pocket knives, etc., Carving. Geo. Worthington Company. 359,933; Sept. 6; Serial No. 391,835; published June 28, 1938.
Locomotives, Mine. J. P. Ruth. 360,067; Sept. 6; Serial No. 404,584; published June 28, 1938.
Machinery for handling packaging material, etc. Ivers-Lee Company. 360,178; Sept. 6.
Razor blades. Hyal Products Co. 360,152; Sept. 6; Serial No. 405,698; published June 28, 1938.
Routing machines, bending machines, and gluing machines. Onsrud Machine Works, Inc. 360,044; Sept. 6; Serial No. 404,261; published June 28, 1938.
Spark-plug cleaners, Mechanical. Champion Spark Plug Company. 123,559; renewed Nov. 19, 1938.
Stropping machines, Razor. American Safety Razor Corporation. 359,954; Sept. 6; Serial No. 397,015; published Feb. 8, 1938.
Tools, and parts of such tools, Cutting. American Cutting Alloys, Inc. 359,974; Sept. 6; Serial No. 400,149; published June 28, 1938.
Typewriting machines and parts for typewriting machines. Royal Typewriter Company. 360,173; Sept. 6.
Vulcanizers, tube repair vulcanizers, etc., Tire repair. Safety Vulcanizer Company. 359,962; Sept. 6; Serial No. 398,593; published June 28, 1938.
Water tubes. Oil Well Supply Company. 360,134; Sept. 6; Serial No. 405,460; published June 28, 1938.

CLASS 26

Cameras and camera attachments, Photograph. Kalart Company. 360,029; Sept. 6; Serial No. 403,624; published June 28, 1938.
Cameras, camera lens, and photographic equipment. International Radio Corporation. 360,082; Sept. 6; Serial No. 404,807; published June 28, 1938.
Dials. Gemloid Corporation. 359,966; Sept. 6; Serial No. 399,504; published June 28, 1938.
Lenses and blanks, Ophthalmic. H. A. Courmettes. 360,175; Sept. 6.
Lie detector and accessories, etc., Electrical. J. L. Bril. 359,993; Sept. 6; Serial No. 401,808; published June 28, 1938.
Metering nozzles, Fluid flow. Builders Iron Foundry. 360,099; Sept. 6; Serial No. 405,009; published June 28, 1938.
Viewing device, Optical. D. F. Knoblock. 360,013; Sept 6; Serial No. 403,085; published June 28, 1938.

CLASS 27

Watches and clocks. Longines-Wittnauer Co. Inc. 360,021; Sept. 6; Serial No. 403,415; published June 21, 1938.
Watches, watch movements, and watch cases. Elgin National Watch Company. 360,077; Sept. 6; Serial No. 404,753; published June 14, 1938.

CLASS 28

Chains and other jewelry. Rosenfeld Chain Mfg. Co. 360,063; Sept. 6; Serial No. 404,546; published June 28, 1938.
Clasps and buckles, Wrist watch. Jacoby-Bender, Inc. 360,132; Sept. 6; Serial No. 405,443; published June 28, 1938.
Flatware and hollow ware. Towle Manufacturing Company. 360,186; Sept. 6.
Flat-ware and hollow-ware, Silver-plated. International Silver Company. 359,960; Sept 6; Serial No. 398,356; published June 28, 1938.
Jewelry. O. Tritt. 360,005; Sept 6; Serial No. 402,747; published June 28, 1938.

CLASS 29

Wind-shield cleaners. Tri-Continental Corporation. 123,173; renewed Oct. 15, 1938.

CLASS 30

Porcelain and crockery ware. Aktieselskabet Bing & Grøndahls Porcellænsfabrik. 359,959; Sept. 6; Serial No. 398,271; published June 28, 1938.
Tableware, China. Stetson China Company. 360,091; Sept. 6; Serial No. 404,921; published June 28, 1938.

CLASS 31

Apparatus for straining or filtering fluids, and parts thereof. Whirlfio Corporation. 360,157; Sept. 6; Serial No. 405,867; published June 28, 1938.

CLASS 32

Mattresses. D. Paransky. 360,171; Sept. 6; Serial No. 406,481; published June 28, 1938.
Mattresses, cushions, studio couches, etc. International Bedding Company. 360,172; Sept. 6; Serial No. 406,588; published June 28, 1938.

CLASS 34

Cooling unit for air conditioning. General Equipment Co. 360,087; Sept. 6; Serial No. 404,894; published June 28, 1938.

CLASS 35

Hose, leather belting, canvas belting, etc., Rubber. Geo. Worthington Company. 359,934; Sept. 6; Serial No. 391,840; published June 28, 1938.
Tires. Dayton Rubber Manufacturing Company. 359,985; Sept. 6; Serial No. 401,427; published June 28, 1938.

CLASS 37

Cards, Duplicate reply postal. J. Bromberg. 360,127; Sept. 6; Serial No. 405,339; published June 14, 1938.
Cards, Index or filing. W. I. Taylor. 360,014; Sept. 6; Serial No. 403,101; published June 14, 1938.
Filing pockets, expanding wallets, file holders, etc. Smead Manufacturing Company. 360,023; Sept. 6; Serial No. 403,473; published June 28, 1938.
Forms, Ruled. Horder's Incorporated. 360,180; Sept. 6.
Paper and metal foil cigar wraps. Reynolds Metals Company; 360,106; Sept. 6; Serial No. 405,083; published June 21, 1938.
Paper bands. Harris-Drew Company. 360,081; Sept. 6; Serial No. 404,803; published June 14, 1938.
Paper tape, stickers, tabs, etc. Menasha Products Company. 360,130; Sept. 6; Serial No. 405,400; published June 14, 1938.
Paper, Toilet. Seminole Paper Corporation, 360,126; Sept. 6; Serial No. 405,322; published June 14, 1938.
Pencils, Lead. Horder's Incorporated. 360,179; Sept. 6.

CLASS 38

Books, Children's picture and story. Platt & Munk Co. 360,191; Sept. 6.
Bulletins, reports, and compilations of data, Periodic. Appleby & Appleby. 359,971; Sept. 6; Serial No. 400,080; published June 28, 1938.
Cartoons, Series of. F. R. Williams. 360,012; Sept 6; Serial No. 403,026; published June 28, 1938.
Decalcomanias. Meyercord Company. 360,006; Sept. 6; Serial No. 402,782; published June 28, 1938.
Magazine. Decorators Digest. 360,018; Sept. 6; Serial No. 403,169; published June 28, 1938.
Magazine. Deutscher Kriegerbund New York von 1884, Inc. 360,042; Sept. 6; Serial No. 404,166; published June 28, 1938.
Magazine. Hearst Magazines Inc. 360,101; Sept. 6; Serial No. 405,021; published June 28, 1938.
Magazine. W. H. Kofoed. 360,153; Sept. 6; Serial No. 405,709; published June 28, 1938.
Magazine, Stores Publishing Co. Inc. 359,967; Sept. 6; Serial No. 399,580; published Jan. 11, 1938.
Magazine. United Feature Syndicate, Inc. 360,045; Sept. 6; Serial No. 404,275; published June 28, 1938.
Magazine published from time to time. Churchhill Downs-Latonia Inc. 359,976; Sept. 6; Serial No. 400,551; published June 28, 1938.
Magazines. McCormick-Armstrong Press Company. 359,981; Sept. 6; Serial No. 401,116; published June 28, 1938.
Pamphlet. Johns-Manville Corporation. 359,926; Sept. 6; Serial No. 388,192; published June 28, 1938.
Periodical. Flying Stories, Inc. 360,019; Sept. 6; Serial No. 403,250; published June 28, 1938.
Periodicals, Fashion. Simplicity Pattern Company. 360,058; Sept. 6; Serial No. 404,496; published June 28, 1938.
Photographs. Polyfoto Corporation. 360,059; Sept. 6; Serial No. 404,504; published June 28, 1938.
Publication, Annual trade. Showmen's Trade Review, Inc. 360,033; Sept. 6; Serial No. 403,925; published June 28, 1938.
Publication, Periodical. Salesmen's League of America, Inc. 359,947; Sept. 6; Serial No. 395,629; published June 28, 1938.
Publication, Periodical advertising. Camden Furniture Company. 359,984; Sept. 6; Serial No. 401,369; published June 28, 1938.

CLASS 39

Aprons. Pleetoox Products Company. 360,124; Sept. 6; Serial No. 405,318; published June 21, 1938.
Blouses, Women's and misses'. Saks & Company. 360,052; Sept. 6; Serial No. 404,378; published June 14, 1938.
Clothing. Gaynes Clothing Corp. 359,978; Sept. 6; Serial No. 400,689; published June 7, 1938.
Clothing, Men's. P. H. Davis Tailoring Company. 360,109; Sept. 6; Serial No. 405,105; published June 7, 1938.
Coats and jackets, Leather and fabric. United Sheep-lined Clothing Co. 360,024; Sept. 6; Serial No. 403,482; published June 14, 1938.
Coats and suits, Ladies'. Lou Schneider, Inc. 359,945; Sept. 6; Serial No. 395,318; published Nov. 16, 1937.
Coats and suits, Ladies' and misses'. Max Levine & Co. 360,074; Sept. 6; Serial No. 404,718; published June 7, 1938.

Coats and suits, Women's and misses'. Philip Shlansky & Bro., Inc. 360,102; Sept. 6.
Coats, capes, and sport jackets. Fabric Products Manufacturing Co. 359,983; Sept. 6; Serial No. 401,265; published June 7, 1938.
Coats, Fur. Richter & Franklin, Inc. 360,079; Sept 6; Serial No. 404,776; published June 21, 1938.
Coats, Ladies'. Turner, Taub & Mandel. 360,038; Sept. 6; Serial No. 404,066; published May 31, 1938.
Coats, suits, overcoats, etc. Hart, Schaffner & Marx. 360,155; Sept. 6; Serial No. 405,723; published June 21, 1938.
Coats, vests, pants, etc. Cohen, Goldman & Co. Inc. 360,094; Sept. 6; Serial No. 404,934; published May 31, 1938.
Coats, vests, pants, etc. Cohen, Goldman & Co. Inc. 360,107; Sept. 6; Serial No. 405,103; published June 14, 1938.
Coats, vests, pants, etc. Cohen, Goldman & Co. Inc. 360,108; Sept. 6; Serial No. 405,104; published June 7, 1938.
Coats, vests, pants, etc. J. Friedman & Co. 360,086; Sept. 6; Serial No. 404,892; published May 31, 1938.
Coats, vests, trousers, etc. J. Schoeneman, Inc. 360,111; Sept. 6; Serial No. 405,134; published June 7, 1938.
Dresses. Carson Pirie Scott & Company. 359,969; Sept. 6; Serial No. 399,920; published June 14, 1938.
Dresses. S. J. Goldfarb. 360,047; Sept. 6; Serial No. 404,308; published June 14, 1938.
Dresses. Goldman Frock Co. 360,187; Sept. 6.
Dresses. Goldwaters Mercantile Co. 359,994; Sept. 6; Serial No. 402,062; published June 7, 1938.
Dresses, Cotton. Sandora Frocks, Inc. 360,125; Sept. 6; Serial No. 405,320; published June 21, 1938.
Dresses, Girls'. Larry Englebardt & Co. 359,950; Sept. 6; Serial No. 396,392; published Oct. 19, 1937.
Dresses, negligees, and pajamas. C. H. D. Robbins Co. 359,922; Sept. 6; Serial No. 384,014; published June 21, 1938.
Dresses, skirts, blouses, etc. Doncaster Collar and Shirt Company. 359,995; Sept. 6; Serial No. 402,087; published June 14, 1938.
Dresses, Women's. Biberman Bros. Inc. 359,956; Sept. 6; Serial No. 397,352; published Nov. 16, 1937.
Frocks, dresses, and smocks. Jos. S. Cohen & Sons Co. 360,037; Sept. 6; Serial No. 403,989; published May 31, 1938.
Garments, Outer. Cohen, Goldman & Co. Inc. 360,100; Sept. 6; Serial No. 405,014; published June 7, 1938.
Garters, suspenders, and belts. A. Sten & Company. 360,022; Sept. 6; Serial No. 403,429; published May 17, 1938.
Hosiery. Cannon Mills Company. 359,990; Sept. 6; Serial No. 401,725; published June 21, 1938.
Hosiery. Davenport Hosiery Mills, Inc. 359,989; Sept. 6; Serial No. 401,556; published May 31, 1938.
Hosiery. Golden Art Hosiery Company. 359,982; Sept. 6; Serial No. 401,184; published June 14, 1938.
Hosiery. Interwoven Stocking Company. 360,068–9; Sept. 6; Serial Nos. 404,609–10; published May 31, 1938.
Hosiery. Interwoven Stocking Company. 360,141; Sept. 6; Serial No. 405,558; published June 21, 1938.
Hosiery. Interwoven Stocking Company. 360,149; Sept. 6; Serial No. 405,648; published June 21, 1938.
Hosiery, Ladies'. Belk Brothers Company. 360,131; Sept. 6; Serial No. 405,432; published June 14, 1938.
Hosiery, Ladies' full fashioned silk. Pohatcong Hosiery Mills, Inc. 360,105; Sept. 6; Serial No. 405,081; published June 7, 1938.
Jackets, playsuits, shirts, etc. Holeproof Hosiery Co. 360,016; Sept. 6; Serial No. 403,130; published June 21, 1938.
Jackets, Women's, misses', and children's. U. S. Knitwear Corp. 360,039; Sept. 6; Serial No. 404,097; published May 31, 1938.
Overalls and "coveralls". S. Blechman & Sons, Inc. 360,083; Sept. 6; Serial No. 404,829; published June 21, 1938.
Overcoats and topcoats. Eagle Clothes. 360,119; Sept. 6; Serial No. 405,242; published June 14, 1938.
Overcoats and topcoats. Jacob Pollack & Sons. 360,089; Sept. 6; Serial No. 404,906; published June 7, 1938.
Pajamas, Men's. H. B. Glover Co. 360,048; Sept. 6; Serial No. 404,361; published May 31, 1938.
Pajamas, Men's. Lubin-Weeker Co. 360,128; Sept. 6; Serial No. 405,362; published June 14, 1938.
Panties, bloomers, slips, etc. Continental Undergarment Co. 360,118; Sept. 6; Serial No. 405,240; published June 14, 1938.
Raincoats. L. A. Axel. 360,032; Sept. 6; Serial No. 403,899; published June 7, 1938.
Raincoats. Peck & Peck. 360,062; Sept. 6; Serial No. 404,538; published June 7, 1938.
Shirts, Outer. Wm. Simpson, Sons & Co. 360,095; Sept. 6; Serial No. 404,957; published June 14, 1938.
Shirts, sweaters, sweater coats, etc., Sweat. Perry Knitting Company. 360,092; Sept. 6; Serial No. 404,928; published June 14, 1938.
Shirts, work pants, and work jackets, Work. Reliance Manufacturing Company. 360,122; Sept. 6; Serial No. 405,270; published June 7, 1938.
Sportswear, Girls'. Lobel Company. 360,075; Sept. 6; Serial No. 404,720; published May 31, 1938.
Stockings, Women's, misses', and girls'. May Department Stores Co. 360,133; Sept. 6; Serial No. 405,454; published June 21, 1938.
Suits and coats, Ladies'. A. Davis & Sons, Inc. 360,084; Sept. 6; Serial No. 404,832; published June 14, 1938.
Suits, Bathing. J. R. Machado. 360,066; Sept. 6; Serial No. 404,570; published June 14, 1938.
Suits, bathing capes, slacks, etc., Women's and misses' bathing. Loomtogs, Inc. 360,050; Sept. 6; Serial No. 404,368; published June 7, 1938.
Sweaters and knitted sportswear. Bedford Knitting Mills. 360,065; Sept. 6; Serial No. 404,561; published June 21, 1938.
Sweaters, Ladies'. Jenath Knitwear, Inc. 360,093; Sept. 6; Serial No. 404,929; published June 14, 1938.
Topcoats and overcoats. Joseph & Feiss Company. 359,948; Sept. 6; Serial No. 395,669; published Mar. 1, 1938.
Topcoats, Women's. Alfred Decker & Cohn, Inc. 360,046; Sept. 6; Serial No. 404,295; published June 7, 1938.
Undergarments, Ladies', misses', and children's. Undergarment Manufacturing Company. 360,028; Sept. 6; Serial No. 403,619; published May 31, 1938.
Underwear. Cluett, Peabody & Co. 359,944; Sept. 6; Serial No. 395,400; published June 14, 1938.

CLASS 40

Flowers, Artificial. W. J. Caley. 360,139; Sept. 6; Serial No. 405,548; published June 21, 1938.
Hairpin and barrette, and also a hair curler, Combination. L. F. Grammes & Sons, Incorporated. 360,088; Sept. 6; Serial No. 404,896; published June 14, 1938.
Hair pins, barrettes, bandeaux, etc. Tilton & Cook Co. 359,980; Sept. 6; Serial No. 401,082; published June 21, 1938.
Laces and braids, Shoe. International Braid Company. 360,140; Sept. 6; Serial No. 405,557; published June 21, 1938.
Needles and hand sewing needles, Hand knitting. Lilly Mills Company. 360,002; Sept. 6; Serial No. 402,480; published June 21, 1938.
Needles for hand use. Strauss Bros. & Co. 360,116; Sept. 6; Serial No. 405,226; published June 14, 1938.
Needlework packets. Etablissements René Ponty Société en nom collectif. 360,036; Sept. 6; Serial No. 403,941; published June 14, 1938.
Shields, Dress. I. B. Kleinert Rubber Company. 360,138; Sept. 6; Serial No. 405,509; published June 14, 1938.
Tape, Cut fabric. Thurston Cutting Corporation. 359,999; Sept. 6; Serial No. 402,209; published June 14, 1938.

CLASS 42

Cloth, Cheese. J. A. Back. 360,156; Sept. 6; Serial No. 405,758; published June 28, 1938.
Fabrics in the piece. Celanese Corporation of America. 360,148; Sept. 6; Serial No. 405,590; published June 28, 1938.
Ribbon and cord. Tremont Mills Corporation. 360,017; Sept. 6; Serial No. 403,151; published June 28, 1938.
Sheets and pillowcases. Pepperell Manufacturing Company. 359,946; Sept. 6; Serial No. 395,538; published June 28, 1938.
Silk, satin, rayon and cotton piece goods. Aronson-Caplin Company. 359,935; Sept. 6; Serial No. 392,006; published June 28, 1938.
Silks, Broad. J. A. Migel. 121,800; renewed May 28, 1938.
Towels. West Point Manufacturing Company. 360,160; Sept. 6; Serial No. 405,950; published June 28, 1938.

CLASS 43

Thread. Max Pollack & Company. 360,000; Sept. 6; Serial No. 402,314; published June 28, 1938.
Thread and yarn of artificial origin. American Bemberg Corporation. 360,161; Sept. 6; Serial No. 405,951; published June 28, 1938.
Thread, silk, and rayon. Belding Heminway Company. 360,035; Sept. 6; Serial No. 403,933; published May 31, 1938.
Yarn, Elastic. Darlington Fabrics Corporation. 360,053; Sept. 6; Serial No. 404,430; published May 31, 1938.
Yarns. Richard Ingham & Company Limited. 359,961; Sept. 6; Serial No. 398,539; published June 28, 1938.

CLASS 44

Dental, medical, and surgical appliances. Davol Rubber Company. 124,232; renewed Jan. 28, 1939.
Prophylactic rubber articles. Broadway Drug Products Co. 359,991; Sept. 6; Serial No. 401,763; published June 28, 1938.

CLASS 45

Beverages. Vim Laboratories. 360,096; Sept. 6; Serial No. 404,969; published June 28, 1938.
Drinks, and for extracts and concentrated fruit syrups used in the preparation of said soft drinks, Soft. Natural Set Up Sales Corporation. 360,170; Sept. 6; Serial No. 406,464; published June 28, 1938.
Drinks, Soft. Union Bottling Company. 360,147; Sept. 6; Serial No. 405,577; published June 28, 1938.

Soda, root beer, grape soda, etc., Orange. Corn Products Refining Company. 360,158; Sept. 6; Serial No. 405,917; published June 28, 1938.
Syrup, Orange. Whitson Products Co. 360,189; Sept. 6.
Water, Natural spring. McFadden 3 Sisters Springs. 359,930; Sept. 6; Serial No. 389,792; published Oct. 12, 1937.

CLASS 46

Biscuits, crackers, cookies, etc. Loose-Wiles Biscuit Company. 360,183; Sept. 6.
Butter. S. Buxbaum Company. 359,963; Sept. 6; Serial No. 398,609; published June 28, 1938.
Cakes. K. A. McGaw. 360,078; Sept. 6; Serial No. 404,766; published June 28, 1938.
Candies. Don Confectionery Company Limited. 360,009; Sept. 6; Serial No. 402,904; published June 28, 1938.
Canned citrus fruit juices for food purposes. Gregg Maxcy, Inc. 359,924; Sept. 6; Serial No. 385,525; published Jan. 25, 1938.
Canned foods. St. Clair Foods Company. 359,992; Sept. 6; Serial No. 401,795; published June 28, 1938.
Canned fruits. F. M. Ball & Company. 360,190; Sept. 6.
Canned fruits and canned fruit juices. Hawaiian Pineapple Company. 360,188; Sept. 6.
Canned fruits and canned vegetables. New Era Canning Company. 359,972; Sept. 6; Serial No. 400,123; published June 28, 1938.
Canned orange juice, lemon juice, orange jelly, etc. California Citrus Juice Exchange, Incorporated. 360,003; Sept. 6; Serial No. 402,552; published June 28, 1938.
Canned prunes. Balfour, Guthrie & Co. 360,070; Sept. 6; Serial No. 404,627; published June 28, 1938.
Cherries, Preserved. A. Diana. 360,026; Sept. 6; Serial No. 403,542; published June 28, 1938.
Coffee. Haserot Company. 360,080; Sept. 6; Serial No. 404,789; published June 28, 1938.
Flour. Warner, Moore & Co. 121,570; renewed May 7, 1938.
Food, Medicated hog. D. Dawson. 360,137; Sept. 6; Serial No. 405,487; published June 28, 1938.
Food, Prepared dog. J. S. Witkoswki. 360,020; Sept. 6; Serial No. 403,345; published June 28, 1938.
Foods for canaries and the like, Bird. V. J. Billimack. 360,057; Sept. 6; Serial No. 404,463; published June 28, 1938.
Fruit, canned citrus fruit juices, and citrus fruit concentrates, Fresh citrus. Central Orange County Citrus Exchange. 360,113; Sept. 6; Serial No. 405,150; published June 28, 1938.
Fruit, Fresh citrus. W. Daniels. 360,071; Sept. 6; Serial No. 404,633; published June 28, 1938.
Fruits, Fresh citrus. Gold Buckle Association. 359,970; Sept. 6; Serial No. 400,006; published June 28, 1938.
Fruits, Fresh citrus. Toland and Donald. 359,973; Sept. 6; Serial No. 400,138; published Feb. 15, 1938.
Gum, Chewing. Gum Incorporated. 360,049; Sept. 6; Serial No. 404,362; published June 28, 1938.
Honey. Rocky Mountain Honey Co. 360,176; Sept. 6.
Ice-Cream confection. K. D. James. 359,957; Sept. 6; Serial No. 397,666; published June 28, 1938.
Milk solids, Specially treated, Ice Cream Products, Inc. 360,165; Sept. 6; Serial No. 406,135; published June 28, 1938.
Nut meats, Salted, candied, and plain. Kelling Nut Co. 359,940; Sept. 6; Serial No. 392,799; published Jan. 11, 1938.
Orange butter, orange marmalade, citrus fruit juices, etc. Earl Silzle Co. 359,968; Sept. 6; Serial No. 399,810; published June 28, 1938.
Popcorn, Popped. Adams & Brooks. 360,166; Sept. 6; Serial No. 406,163; published June 28, 1938.
Seasonings, Spiced. William G. Bell Company. 359,931; Sept. 6; Serial No. 391,680; published June 28, 1938.

CLASS 47

Wines. A. Moramarco. 359,964; Sept. 6; Serial No. 398,925; published June 28, 1938.
Wines, Quality Brands, Inc. 360,051; Sept. 6; Serial No. 404,374; published June 28, 1938.
Wines, Port. Feuerheerd Bros. & Ca. Ltda. 359,925; Sept. 6; Serial No. 386,798; published June 28, 1938.

CLASS 49

Cognac and liqueurs. Jph. Etournaud & Co. 360,103; Sept. 6; Serial No. 405,064; published June 28, 1938.
Gin, Distilled London dry. Austin, Nichols & Co. 360,185; Sept. 6.
Whiskey. Jas. Barclay & Co. Limited. 359,941; Sept. 6; Serial No. 393,409; published July 13, 1937.
Whiskey. Needle's Liquors, Inc. 359,977; Sept. 6; Serial No. 400,610; published Feb. 1, 1938.
Whiskey, Tom Walker, Inc. 360,040; Sept. 6; Serial No. 404,142; published June 28, 1938.
Whiskey, Scotch. J. Spatola, Sr. 360,129; Sept. 6; Serial No. 405,372; published June 28, 1938.
Whisky, Scotch. Train & McIntyre, Limited. 360,034; Sept. 6; Serial No. 403,927; published June 28, 1938.

CLASS 50

Goods for artificial leather. Reliable Textile Company. 360,054; Sept. 6; Serial No. 404,450; published June 14, 1938.
Fabric, Water and moisture repellent. K. P. Reimann. 359,949; Sept. 6; Serial No. 395,882; published June 21, 1938.
Planographic plates. Addressograph-Multigraph Corporation. 360,056; Sept. 6; Serial No. 404,461; published June 14, 1938.
Statuette and ornamental figures. S. W. Clutton. 360,025; Sept. 6; Serial No. 403,539; published June 21, 1938.

LIST OF LABELS

A and C Cucumbers. For Cucumbers. Atlantic County Farmers Co-Op Association. 51,701; Sept. 6.
Ace Poison Ivy Remedy. For a Poison Ivy Remedy. Ace Poison Ivy Co. 51,699; Sept. 6.
Anatone. For a Medicinal Preparation for Rectal Treatment. Histon Products Company. 51,731; Sept. 6.
Baume Bengué. For Balm for the Relief of Rheumatic Pains, Neuralgia and Colds. J. Bengué. 51,702; Sept. 6.
Best Circles. For Canned Orange Juice. California Consumers Corporation. 51,722; Sept. 6.
Bettar Dri-Bath. For a Liquid Preparation for Bathing Dogs and Cats. Great Eastern Corporation. 51,724; Sept. 6.
Canadian Brand Cream Ale. For Cream Ale. George F. Stein Brewery, Inc. 51,769; Sept. 6.
Carline New Face Cream Soap. For Face Cream Soap. P. C. Kopmels. 51,737; Sept. 6.
Colonial Exterior Primer. For a Non-Penetrating Type of Coating. Colonial Works. 51,707; Sept. 6.
Corry's Slug Death. For a Powder for Killing Slugs and Snails. F. D. Corry. 51,709; Sept. 6.
Co-Tabs. For Effervescent Antiseptic Tablets. E. Kulp. 51,740; Sept. 6.
Dairy Farm Products Order Pad and Calendar. For an Order Pad and Calendar. G. G. Martin. 51,744; Sept. 6.
Deks-Ter-I-Ti. For Dentist Educational Toy Sets. Zendico Hygiene Products Co. 51,778; Sept. 6.
Diamond. For Sparkling Water. Diamond Ginger Ale, Inc. 51,715; Sept. 6.
Diamond. For Club Soda. Diamond Ginger Ale, Inc. 51,716; Sept. 6.
Dole (Slices). For Canned Pineapple. Hawaiian Pineapple Company. 51,728; Sept. 6.
Dole (Crushed) Pineapple. For Crushed Pineapple. Hawaiian Pineapple Company. 51,729; Sept. 6.
Dominion Dry. For Ginger Ale. Dominion Dry Co. 51,717; Sept. 6.
Dr. H. M. Lewis Antiseptic Veterinary Pack. For Antiseptic Veterinary Packs. Veterinary Laboratories, Inc. 51,773; Sept. 6.
El-Jay Metal Polish. For Metal Polish. L. J. Murphy. 51,747; Sept. 6.
Elmdale (Pineapple). For Pineapple. National Retailer-Owned Grocers, Inc. 51,753; Sept. 6.
Elmdale (Tomatoes). For Tomatoes. National Retailer-Owned Grocers, Inc. 51,754; Sept. 6.
52 Glass Cleaner. For a Glass Cleaner. C. Garlock. 51,721; Sept. 6.
Finger Free Gloves. For Gloves. Daniel Hays Company. 51,730; Sept. 6.
Fort Schuyler. For Ale. Utica Brewing Company. 51,772; Sept. 6.
4444 Root Beer. For Root Beer. J. C. Shonts. 51,766; Sept. 6.
Four "A", Arizona. For Grapefruit. Mesa Citrus Growers. 51,746; Sept. 6.
Gianduya-Grissini. For Italian Bread Sticks. D. Pierini. 51,759; Sept. 6.
Gilbert American Flyer Tru-Model Train. For Model Trains. A. C. Gilbert Company. 51,723; Sept. 6.
Good Measure. For Ale and Beer. Hampden Brewing Company. 51,725; Sept. 6.
Hawaii Nei. Lei of Fragrance Perfume. For Perfume. Royal Hawaiian Distributing Company. 51,762; Sept. 6.
Hoffman Beer. For Beer. Hoffman Beverage Company. 51,732; Sept. 6.
Hold-Me-Safe. For Safety Belts for Use in Motor Vehicles. M. Zsizseri. 51,779; Sept. 6.
Horlamus. For Pure Rye Bread for Allergic People. Hypo Allergic Foods. 51,733; Sept. 6.
Hostess Towels. For Towels. Marantz Paper Company. 51,743; Sept. 6.
Kenwood Stitched Dressing Rolls. For Surgical Dressing Rolls. Will Ross, Inc. 51,761; Sept. 6.

Kilstain. For a Stain Removing Liquid. Kilstain Company. 51,735; Sept. 6.
Kleen Kitt. For an All Purpose Cleaner. Kleen Kit Co. 51,736; Sept. 6.
Kroger's Twinkie Chocolate Pudding. For a Product for Making Chocolate Flavor Pudding and Pie Filling. Kroger Grocery & Baking Company. 51,738; Sept. 6.
Kroger's Twinkie Butterscotch Pudding. For a Product for Making Butterscotch Flavor Pudding and Pie Filling. Kroger Grocery & Baking Company. 51,739; Sept. 6.
Mayfair. For Distilled London Dry Gin. West Indies Liquor Corporation. 51,775; Sept. 6.
Old Reliable. For Coffee. Dayton Spice Mills Company. 51,710; Sept. 6.
Old Virginia Hills. For Straight Bourbon Whiskey. A. S. Bowman. 51,703; Sept. 6.
Onion Soup. For Onion Soup. French Kitchen Foods Corporation. 51,720; Sept. 6.
Oven Roasted. For Coffee. Dayton Spice Mills Company. 51,711; Sept. 6.
Pelham Trailer Level. For Trailer Levels. W. L. Jones. 51,734; Sept. 6.
Philadelphia Straight Rye Whiskey. For Straight Rye Whiskey. Continental Distilling Corporation. 51,708; Sept. 6.
Polo Club. For Coffee. Dayton Spice Mills Company. 51,712; Sept. 6.
Potomac Sea Food Sauce. For a Sea Food Sauce. C. B. Quade. 51,760; Sept. 6.
Radio Golden Silk Vine. For a Vine. R. Scaglione. 51,764; Sept. 6.
Recording Reporter. For Records Recorded. P. G. Dennis. 51,714; Sept. 6.
Ruley's Hair Tonic and Dandruff Remover. For Hair Tonic and Dandruff Remover. Ruley Hair Tonic Company. 51,763; Sept. 6.
Ruskets. For Malted Toasted Whole Wheat Biscuits. Loma Linda Food Company. 51,742; Sept. 6.
Safe-T-Lite ECA Lamps. For Genuine Tungsten Lamps. Electric Corporation of America. 51,718; Sept. 6.
Selmer "No-Krack" Kit for Clarinet. For a Kit Containing a Bore Oiler (including Swab, Wick, and Leak-Proof Case), Bore Oil, Chamois Swab, and Instruction Booklet Telling How to Prevent Water Penetration in Clarinets. H. & A. Selmer, Inc. 51,765; Sept. 6.
Sho' is Fine. For Corn Syrup and Sugar Cane Products. Penick & Ford, Ltd. 51,757; Sept. 6.
Shurfine (Cranberry Sauce). For Cranberry Sauce. National Retailer-Owned Grocers, Inc. 51,748; Sept. 6.
Shurfine (Corn). For Whole Kernel Golden Bantam Corn. National Retailer-Owned Grocers, Inc. 51,749; Sept. 6.
Shurfine (Rice). For Rice. National Retailer-Owned Grocers, Inc. 51,750; Sept. 6.
Shurfine (Tea). For Orange Pekoe and Pekoe Black Tea. National Retailer-Owned Grocers, Inc. 51,751; Sept. 6.
Shurfine (Prunes). For Prunes. National Retailer-Owned Grocers, Inc. 51,752; Sept. 6.
Skidoo the Household Creamy Cleanser. For a Cleaning Soap. Skidoo Company. 51,767; Sept. 6.
Snow White. For Distilled London Dry Gin. West Indies Liquor Corporation. 51,776; Sept. 6.
Southmoor. For Coffee. Dayton Spice Mills Company. 51,713; Sept. 6.
Superior Bread. For Bread. Fleetwood Baking Co. 51,719; Sept. 6.
Tennessee Quick-Frozen Strawberries. For Frozen Strawberries. University of Tennessee Engineering Experiment Station. 51,770; Sept. 6.
Tennessee Quick-Frozen Youngberries. For Frozen Youngberries. University of Tennessee Experiment Station. 51,771; Sept. 6.
The Brute. For Shoes. M. B. Claff & Sons, Inc. 51,704; Sept. 6.
The Taste Sensation from the Orient. For a Non-Alcoholic Beverage Made from Fruit. M. H. Newman. 51,756; Sept. 6.
Thiaplex. For a Concentrate of the Vitamin-B Complex. Hart Drug Corporation. 51,726–7; Sept. 6.
Travel Pak. For Motor Oil. Phillips Petroleum Company. 51,758; Sept. 6.
Unguentum Melaform. For a Medicinal Preparation. Coleman-Sewell Corporation. 51,705; Sept. 6.
Unguentum Melaustrol. For a Medicinal Preparation. Coleman-Sewell Corporation. 51,706; Sept. 6.
Union Cadets. For Stogies. William Lampropios & Sons, Inc. 51,741; Sept. 6.
Union Made Work Clothes. For Work Clothes. Amalgamated Clothing Workers of America. 51,700; Sept. 6.
Viking (Pepper). For Black Pepper. National Retailer-Owned Grocers, Inc. 51,755; Sept. 6.
Visible Fingerprint Powder. For Finger-Powder. M. O. Smith. 51,768; Sept. 6.
Wain's. For Capsules for the Relief of Attacks of Bronchial Asthma or Bronchial Coughs. Wain's Laboratory, Inc. 51,774; Sept. 6.
When is Your Birthday? For Birthday Candle Holders. J. Mehl. 51,745; Sept. 6.
Worcester Ivory. For Salt. Worcester Salt Company. 51,777; Sept. 6.

LIST OF PRINTS

A Big Hit! For a Prepared Mixture for Making Cookies. Cream of Wheat Corporation. 17,034; Sept. 6.
A Great Labor Saving Package for Your Kitchen! For a Prepared Mixture for Making Cookies. Cream of Wheat Corporation. 17,033; Sept. 6.
Amirol. The Ultimate in Beautiful Hair Coloring. For Hair Coloring. Amirol Admiracion Sales Corporation. 17,024; Sept. 6.
A True Ale. For Ale. Blatz Brewing Company. 17,029; Sept. 6.
Biggest Show for Your Money. For Beer. Pfeiffer Brewing Company. 17,040; Sept. 6.
Brach's Pure Wholesome Candies. For Candies. E. J. Brach & Sons. 17,030; Sept. 6.
Coloriter. For Multicolor Pencil Sets. Autopoint Company. 17,025; Sept. 6.
Fashion Hosiery Shops Club Card. For Hosiery and Lingerie. Fashion Hosiery Stores, Inc. 17,035; Sept. 6.
Ford Service Sales & Service. For Automobiles. S. R. Barnes. 17,026; Sept. 6.
In the New York Manner. For Men's Shirts. Weber & Heilbroner, Inc. 17,043; Sept. 6.
Karl Ort York Penna. For Aeroplane Supplies, Materials, and Accessories. K. Ort. 17,037; Sept. 6.
Normandie. For Wool Felts. B. Rich. 17,041; Sept. 6.
Pear-O Challenger Bearing Bronze Bars. For Bearing Bronze Bars. C. Pearson. 17,038; Sept. 6.
Pfeiffer's Beer with the New 'Fifer-Kap'. For Beer. Pfeiffer Brewing Company. 17,039; Sept. 6.
Price Cards are Silent Salesmen. For Candy. E. J. Brach & Sons. 17,031; Sept. 6.
Queen Anne Blended Scotch Whisky. For Blended Scotch Whisky. Nicholas & Co. 17,036; Sept. 6.
Recalls Baking Joys of Great-Great-Grandmother. For Flour. Baur Flour Mills Co. 17,027; Sept. 6.
Ribbonette. For Tying Material Made of Fine Quality Cotton Yarns. Chicago Printed String Co. 17,032; Sept. 6.
Ride with Safety Eat for Health. For Bread. Roy Toy Company. 17,042; Sept. 6.
The Jolly Foursome. For Malt Beverages. Blatz Brewing Company. 17,028; Sept. 6.
2 Kinds of Cookies to Make Children's Mouths Water! For Flour. General Mills, Inc. 17,044; Sept. 6.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 6TH DAY OF SEPTEMBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Adler, Leon, St. Louis, Mo. Miniature packet. Re. 20,843; Sept. 6.
Alles, Gordon A. (See Calvert, R., Dern, and Alles.)
Anderson, Walter A. (See Sundstrand, O. J., and Anderson.)
Brubaker, Merlin M. (See Charch, W. H., Brubaker, and Meigs.
Calvert, Robert, Scarsdale, N. Y., K. L. Dern, Burlingame, and G. A. Alles, Los Angeles, Calif., assignors, by mesne assignments, to Celite Corporation, New York, N. Y. Diatomaceous earth product and making the same. Re 20,844; Sept. 6.
Celite Corporation. (See Calvert, R., Dern, and Alles, assignors.)
Charch, William H., Buffalo, N. Y., M. M. Brubaker, and F. M. Meigs, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof article. Re. 20,845; Sept. 6.
Christensen, Alfred C. (See Rapp, A. G. J., and Christensen.)
Dern, Karl L. (See Calvert, R., Dern, and Alles.)
Dodge, Adiel Y., South Bend, Ind. Variable speed transmission. Re. 20,846; Sept. 6.
Drew, Donald E. (See Finzel, T. G., and Drew.)
Du Pont, E. I., de Nemours & Company. (See Charch, W. H., Brubaker, and Meigs, assignors.)
Du Pont, E. I., de Nemours & Company. (See Finzel, T. G., and Drew, assignors.)
Finzel, Theron G., and D. E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof material and making the same. Re. 20,847; Sept. 6.
Light, Albert T., assignor to York Ice Machinery Corporation, York, Pa. Refrigeration. Re. 20,848; Sept. 6.
Meigs, Frederick M. (See Charch, W. H., Brubaker, and Meigs.)
Rapp, Axel G. J., Evanston, and A. C. Christensen, assignors to H. S. Simpson, Chicago, Ill. Sand mixer. Re. 20,849; Sept. 6.
Simpson, Herbert S. (See Rapp, A. G. J., and Christensen, assignors.)
Sundstrand, Oscar J., and W. A. Anderson, Bridgeport, Conn., assignors to Underwood Elliott Fisher Company, New York, N. Y. Bookkeeping machine. 20,850; Sept. 6.
Underwood Elliott Fisher Company. (See Sundstrand, O. J., and Anderson, assignors.)
Wood, Paul A., Roanoke, Va. Building construction. Re. 20,851; Sept. 6.
York Ice Machinery Corporation. (See Light, Albert T., assignor.)

LIST OF PLANT PATENTEES

Burbank, Elizabeth W., executrix. (See Burbank, Luther.)
Burbank, Luther, deceased, by E. W. Burbank, executrix, Santa Rosa, Calif., assignor to Stark Bro's Nurseries & Orchards Company, Louisiana, Mo. Peach tree. 290; Sept. 6.
Burbank, Luther, deceased, by E. W. Burbank, executrix, Santa Rosa, Calif., assignor to Stark Bro's Nurseries & Orchards Company, Louisiana, Mo. Peach tree. 291; Sept. 6.
Stark Bro's Nurseries & Orchards Company. (See Burbank, Luther, assignor.)

LIST OF DESIGN PATENTEES

Abbate, Jacob, New York, N. Y. Dress. 111,126; Sept. 6.
Abbate, Jacob, New York, N. Y. Dress. 111,127; Sept. 6.
Abeles, Jerome, assignor to The Formfit Company, Chicago, Ill. Foundation garment. 111,194; Sept. 6.
American Machine & Foundry Company. (See Dehuff, Walter F., assignor.)
Anderson, Bert J., Hammond, Ind. Velocipede frame member. 111,128; Sept. 6.
Armour, Aileen, Los Angeles, Calif. Automobile seat wardrobe. 111,195; Sept. 6.
Armstrong Cork Company. (See Muller, Henry J., assignor.)
Bicks, Jean W., Chicago, Ill., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 111,169; Sept. 6.
Boker, H., & Co. (See Mirsky, Nathaniel, assignor.)
Bolten, John, Andover, Mass. Pair of goggles or similar article. 111,129; Sept. 6.
Borel, Stanley R., Cheshire, assignor to The Patent Button Company, Waterbury, Conn. Button. 111,130; Sept. 6.
Brenner, Elizabeth A., Youngstown, Ohio. Spoon or other article of flatware. 111,131; Sept. 6.
Brenner, Elizabeth A., Youngstown, Ohio. Spoon or other article of flatware. 111,132; Sept. 6.
Brenner, Elizabeth A., Youngstown, Ohio. Spoon or other article of flatware. 111,133; Sept. 6.
Brown & Bigelow. (See Trollen, Martin E., assignor.)
Brown, Frances R., Watertown, N. Y. Window cleaning brush. 111,170; Sept. 6.
Browne, Richard C. (See Payne, W. B., and Browne.)
Browne, Richard C., assignor to The Todd Company, Inc., Rochester, N. Y. Check or similar article. 111,171; Sept. 6.
Carpenter, Edward W., Fairfield, Conn. Knife sharpener. 111,174; Sept. 6.
Carr-Lowrey Glass Co. (See Bicks, Jean W., assignor.)
Cass, Freeman R., assignor to Mitchell-Bissell Company, Trenton, N. J. Ashtray. 111,173; Sept. 6.
Colcord, Carl H., New York, N. Y. Dress. 111,196; Sept. 6.
Criley, William W., Cleveland, Ohio. Forging press. 111,172; Sept. 6.
De Hart, George C., Los Angeles, Calif. Cigarette box. 111,175; Sept. 6.
Dehuff, Walter F., Glen Rock, Pa., assignor to American Machine & Foundry Company. Dough mixing machine or similar article. 111,197; Sept. 6.
Dent Hardware Company, The. (See Schrader, Thomas O., assignor.)
Dick, Samuel H., New York, N. Y. Coat. 111,198; Sept. 6.
Dicke, Carl H., assignor to The Master Electric Company, Dayton, Ohio. Air conditioning control housing. 111,134; Sept. 6.
Ebbert, Daniel F., Wheeling, W. Va. Bracelet. 111,135; Sept. 6.
Ehrhorn, Walter H., San Francisco, Calif. Bathtub overflow shield. 111,136; Sept. 6.
Farber, Simon W., Brooklyn, N. Y. Tray. 111,137; Sept. 6.
Firle, Arnold, Fond du Lac, Wis. Golf bag. 111,138; Sept. 6.
Ford, George E., assignor to Rochester Manufacturing Company, Rochester, N. Y. Cover plate for thermometers or the like. 111,139; Sept. 6.
Formfit Company, The. (See Abeles, Jerome, assignor.)
Freedgood, Samuel L., Long Beach, N. Y. Nightgown. 111,199; Sept. 6.
Frick, Robert, Scarsdale, N. Y. Textile fabric or similar article. 111,176; Sept. 6.
Gamble, George, Cambridge, Mass. Vanity case or similar article. 111,177; Sept. 6.
General Electric Company. (See Patten, Raymond E., assignor.)
Goldberg, James E., New York, N. Y. Embossed leather sheet or similar article. 111,178; Sept. 6.
Granquist, Harold A., assignor to Marshall-Wells Company, Duluth, Minn. Merchandise display rack. 111,140; Sept. 6.
Granquist, Harold A., assignor to Marshall-Wells Company, Duluth, Minn. Pocketknife display rack. 111,141; Sept. 6.
Green, Maurice B., Spring Valley, N. Y. Dress. 111,179; Sept. 6.
Green, Maurice B., Spring Valley, N. Y. Dress. 111,180; Sept. 6.
Green, Maurice B., Spring Valley, N. Y. Dress. 111,181; Sept. 6.

Hanson, Martin, Chicago, Ill. Buffet or similar article. 111,142; Sept. 6.
Hasenstein, Chester K., Sheboygan, Wis. Combined rocking chair and footstool. 111,200; Sept. 6.
Helberg, Robert J., assignor to Sy-fil Corporation, Seattle, Wash. Carbonated water bottle filler. 111,143; Sept. 6.
Hotstream Heater Company, The. (See Morrow, Clarence H., assignor.)
Imerman, Arthur, New York, N. Y., assignor to La Paree Undergarment Co., Inc., Jersey City, N. J. Slip. 111,201; Sept. 6.
International Harvester Company. (See Scarratt, A. W., and Koeber, assignors.)
Jonik, Jacob, Detroit, Mich. Combined change tray and gummed tape holder. 111,144; Sept. 6.
Jubilee Manufacturing Company. (See Nielsen, Peter, assignor.)
Junkunc, Stephen, Jr., assignor to S. Junkunc, Sr., Oak Park, Ill. Arm for burial casket handles. 111,145; Sept. 6.
Junkunc, Stephen, Sr. (See Junkunc, Stephen, Jr., assignor.)
Katz, Hyman J., New York, N. Y. Dress. 111,146; Sept. 6.
Katz, Hyman J., New York, N. Y. Dress. 111,147; Sept. 6.
Katz, Hyman J., New York, N. Y. Dress. 111,148; Sept. 6.
Koeber, Theodore H. (See Scarratt, A. W., and Koeber.)
La Paree Undergarment Co. (See Imerman, Arthur, assignor.)
Le Clercq, Raymond, assignor to Western Molded Products, Inc., Los Angeles, Calif. Battery box. 111,202; Sept. 6.
Le Clercq, Raymond, assignor to Western Molded Products, Inc., Los Angeles, Calif. Battery box. 111,203; Sept. 6.
Marshall-Wells Company. (See Granquist, Harold A., assignor.)
Master Electric Company, The. (See Dicke, Carl H., assignor.)
McCarthy, Joseph P., Chicago, Ill. Multiple lens metal globe for lanterns. 111,182; Sept. 6.
Milton, John K., Chicago, Ill. Smoking stand. 111,183; Sept. 6.
Mirsky, Nathaniel, Brooklyn, assignor to H. Boker & Co. Inc., New York, N. Y. Handle for knives, forks, spoons, and similar articles. 111,149; Sept. 6.
Mitchell-Bissell Company. (See Cass, Freeman R., assignor.)
Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Domestic water heater. 111,184; Sept. 6.
Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Domestic water heater. 111,185; Sept. 6.
Muller, Henry J., assignor to Armstrong Cork Company, Lancaster, Pa. Rug or similar article. 111,186; Sept. 6.
Nielsen, Peter, assignor to Jubilee Manufacturing Company, Omaha, Nebr. Audible signal unit or similar article. 111,187; Sept. 6.
Nielsen, Peter, assignor to Jubilee Manufacturing Company, Omaha, Nebr. Audible signal unit or similar article. 111,188; Sept. 6.
Nielsen, Peter, assignor to Jubilee Manufacturing Company, Omaha, Nebr. Audible signal unit or similar article. 111,189; Sept. 6.
Orndorff, Henry C., Providence, R. I. Weather vane. 111,204; Sept. 6.
Orndorff, Henry C., Providence, R. I. Weather vane. 111,205; Sept. 6.
Paschen, Harry, Sylvania, Ohio. Hoe. 111,150; Sept. 6.
Patent Button Company, The. (See Borel, Stanley R., assignor.)
Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company. Percolator urn or similar article. 111,151; Sept. 6.
Payne, Walter B., and R. C. Browne, assignors to The Todd Company, Inc., Rochester, N. Y. Check imprinting machine or similar article. 111,190; Sept. 6.
Rauser, Daniel M., Dixon, Ill. Signal lamp face plate. 111,206; Sept. 6.
Rauser, Daniel M., Dixon, Ill. Signal lamp face plate. 111,207; Sept. 6.
Rochester Manufacturing Company, The. (See Ford, George E., assignor.)
Roher, Mildred, New York, N. Y. Dress. 111,152; Sept. 6.
Rose, Robert, Chicago, Ill., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Reservoir desk stand or similar article. 111,153; Sept. 6.
Scarratt, Albert W., Kenilworth, and T. H. Koeber, Chicago, Ill., assignors to International Harvester Company. Tractor. 111,154; Sept. 6.
Scarratt, Albert W., Kenilworth, and T. H. Koeber, Chicago, assignors to International Harvester Company. Tractor. 111,155; Sept. 6.
Scarratt, Albert W., Kenilworth, and T. H. Koeber, Chicago, Ill., assignors to International Harvester Company. Tractor. 111,156; Sept. 6.
Schrader, Thomas O., Allentown, assignor to The Dent Hardware Company, Fullerton, Pa. Hinge. 111,157; Sept. 6.
Schulz, Arthur P. (See Teller, J., and Schulz.)
Schulz, Arthur P., Michigan City, Ind., assignor to G. & J. Teller, Chicago, Ill. Combination refrigerator and serving table. 111,158; Sept. 6.
Sheaffer, W. A., Pen Company. (See Rose, Robert, assignor.)
Sy-fil Corporation. (See Helberg, Robert J., assignor.)
Teller, G. & J. (See Schulz, Arthur P., assignor.)
Teller, G. & J. (See Teller, J., and Schulz, assignors.)
Teller, Jacob, Chicago, Ill., and A. P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill. Range. 111,191; Sept. 6.
Theleman, Fred J., Milwaukee, Wis., assignor to Women's International Bowling Congress, Incorporated. Fraternal pin or similar article. 111,159; Sept. 6.
Todd Company, The. (See Browne, Richard C., assignor.)
Todd Company, The. (See Payne, W. B., and Browne, assignors.)
Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Thermometer. 111,160; Sept. 6.
Tuman, John, New York, N. Y. Dress. 111,161; Sept. 6.
Tuman, John, New York, N. Y. Dress. 111,162; Sept. 6.
Tuman, John, New York, N. Y. Dress ensemble. 111,163; Sept. 6.
Tuman, John, New York, N. Y. Dress. 111,164; Sept. 6.
Tuman, John, New York, N. Y. Dress. 111,165; Sept. 6.
Tuman, John, New York, N. Y. Dress. 111,166; Sept. 6.
Tuman, John, New York, N. Y. Dress. 111,167; Sept. 6.
Western Molded Products, Inc. (See Le Clercq, Raymond, assignor.)
Women's International Bowling Congress, Incorporated. (See Theleman, Fred J., assignor.)
Zahn, Philip, New York, N. Y. Dress. 111,168; Sept. 6.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 111,192; Sept. 6.
Zell, David H., Brooklyn, N. Y. Coin bank. 111,193; Sept. 6.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 6TH DAY OF SEPTEMBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

A and Z Chain Company. (See Dalo, John, assignor.)
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Knotter. 2,128,896; Sept. 6.
Abbott Machine Company. (See Abbott, Edward J., assignor.)
Abegg & Reinhold Company. (See McLagan, George E.)
Adams, John H., Seattle, Wash. Washboard for use in sinks. 2,129,079; Sept. 6.
Addressograph-Multigraph Corporation. (See Rowell, George S., assignor.)
Adler, Charles, Jr., Baltimore, Md. Signal. 2,129,602; Sept. 6.
Agfa Ansco Corporation. (See Current, Ira B., assignor.)
Akin, Ruth H., Winchester, Mass. Baby crib. 2,128,978; Sept. 6.
Aktiebolaget Milo. (See Lysholm, Alf, and E. L. R., assignors.)
Alcorn Combustion Company. (See Praeger, Frank H., assignor.)
Alder, Roy F., Holland, Mich. Mirror holder. 2,129,189; Sept. 6.
Alfreds, Torris H. (See Krein, F. T., and Alfreds.)
Allegro Company. (See Libovitz, H., Mueller, and Pfeiffer, assignors.)
Allen, Earl H. (See Ely, C. G., and Allen.)
Allen, J. Weston, et al. (See Estes, Joseph H., assignor.)
Allen, Morris F., Shreveport, La. Road grading machine. 2,128,889; Sept. 6.
Allen, Thomas F., Watsonville, Calif. Basket-tipping apparatus. 2,129,394; Sept. 6.
Allocca, Saverio. (See Pekrol, John, assignor.)
Allred, James C., Jamestown, assignor to Tomlinson of High Point, Guilford County, N. C. Table device. 2,129,041; Sept. 6.
Altorfer, Alpheus W., Peoria, Ill. Portable power attachment for washing machines. 2,128,979; Sept. 6.
Amalgamated Minerals Corporation. (See Butler, Clarence H., assignor.)
Amarel Corporation. (See Furlong, Joseph P., assignor.)
Amati, Luigi. (See Bocca, C., and Amati.)
Amazon, Harry. (See Rubenstein, S., and Amazon.)
American Brass Company, The. (See Montgomery, Richard B., assignor.)
American Brass Company, The. (See Voegeli, Henry E., assignor.)
American Can Company. (See Miller, Harry J., assignor.)
American Can Company. (See Nicholls, Henry M., assignor.)
American Metal Company, The. (See Rehns, Fredrick, assignor.)
American Rolling Mill Company, The. (See Hudson, Edwin B., assignor.)
American Steel Foundries. (See Baselt, Walter H., assignor.)
Anderegg, Ruben H., assignor of one-half to The Trane Company, La Crosse, and one-half to Waukesha Motor Company, Waukesha, Wis. Air conditioning apparatus. 2,128,890; Sept. 6.
Anderson, Alexander, Fullerton, assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif. Reading device for well survey records. 2,129,395; Sept. 6.
Anderson, Howard P., Erie, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc. Combined stoker and firedoor. 2,129,111; Sept. 6.
Anderton, Alfred, Castleton, near Manchester, England. Automatic centrifugal clutch or brake. 2,128,980; Sept. 6.
Andros, Charles H., Nassau, assignor to Harder Refrigerator Corporation, Cobleskill, N. Y. Refrigerator. 2,129,255; Sept. 6.
Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,128,897; Sept. 6.
Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,128,898; Sept. 6.
Anthony, Selma G., Wilson, Tex. Firecracker pistol. 2,129,042; Sept. 6.
Anton, Frederick A., Topeka, Kans. Automatic visor awning. 2,129,555; Sept. 6.
Archer, Philip D., assignor to Campbell Taggart Associated Bakeries, Inc., Kansas City, Mo. Rack. 2,129,396; Sept. 6.
Arend, Nelson A., Cleveland Heights, Ohio, assignor to General Electric Company, New York, N. Y. Display device. 2,129,519; Sept. 6.
Ariens Company. (See Ariens, Mando, assignor.)
Ariens, Mando, assignor to Ariens Company, Brillion, Wis. Rotary pulverizer. 2,129,298; Sept. 6.
Arrow-Hart & Hegeman Electric Company, The. (See Schleicher, Harold E., assignor.)
Arutunoff, Armais, assignor to Reda Pump Company, Bartlesville, Okla. Making insulating tubes. 2,129,256; Sept. 6.
Ashley, Frank M., Great Kills, Staten Island, assignor to L. Gompers, New York, N. Y., as trustee. Spectacles. 2,129,458; Sept. 6.
Askania-Werke A. G. vormals Central Werkstatt Dessau und Carl Bamberg-Friedenau. (See Möller, Waldemar, assignor.)
Askania-Werke A. G. vormals Central Werkstatt Dessau und Carl Bamberg-Freidenau. (See Wünsch, H., and Gerisch, assignors.)
Aspenleiter, Joseph W., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Opthalmic mounting. 2,129,520; Sept. 6.
Aspenleiter, Joseph W., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Goggles. 2,129,521; Sept. 6.
Atlantic Refining Company, The. (See Ferris, S. W., and Cowles, assignors.)
Atlas Powder Company. (See Slusser, James E., assignor.)
Atwood Machine Company, The. (See Duncklee, Elmer R., assignor.)
Automatic Devices Corporation. (See Johnson, Arthur A., assignor.)
Automatic Telephone & Electric Company Limited. (See Renshaw, Percy B., assignor.)
Automotive Maintenance Machinery Co. (See Zimmerman, Herman W., assignor.)
Ayers, Fred L., Watertown, Mass., assignor to Brown Company, Berlin, N. H. Facilitating placing of sole members and the shaping of shoe counters. 2,129,112; Sept. 6.
Bachmann, Charles, Jackson Heights, N. Y., assignor to Neptune Meter Company. Making thrust rollers for fluid meters. 2,129,257; Sept. 6.
Bailey, Fred A., Omaha, Nebr. Storm sash ventilator. 2,129,397; Sept. 6.
Ballew, Elmer L., Chicago, Ill. Advertising device. 2,129,368; Sept. 6.
Bancons, Jean L. R., Dax, France. Device for the transportation and distribution of liquids. 2,129,113; Sept. 6.
Barber-Colman Company. (See Lake, Harry E., assignor.)
Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet handling mechanism for web printing rotary presses. 2,128,981; Sept. 6.
Barnes, Clay T., Philadelphia, Pa. Detachable calk for boots and shoes. 2,128,891; Sept. 6.
Barnhart, William S., North Fond du Lac, Wis. Fishing bobber. 2,128,899; Sept. 6.
Barry, Pearl, and W. Wilds, Butte, Mont. Clothes drier. 2,128,892; Sept. 6.
Bartels, Reinhard B., Marblehead, Mass. Shoe shank stiffener and securing it to a sole member. 2,129,556; Sept. 6.
Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Unit cylinder clasp brake. 2,129,603; Sept. 6.
Basham, Walter N. (See Cox, Raymond E., assignor.)
Bass, Shailer L. (See Van Duzee, E. M., and Bass.)
Bass, Shailer L., and E. M. Van Duzee, assignors to The Dow Chemical Company, Midland, Mich. Aralkyl ether esters. 2,128,901; Sept. 6.
Bass, Shailer L., and E. M. Van Duzee, deceased, by C. H. Macomber, administrator, assignors to The Dow Chemical Company, Midland, Mich. Aralkyl ethers of hydroxy benzoates. 2,128,902; Sept. 6.
Bassick Company, The. (See Herold, Walter F., assignor.)
Batchelder, Howard R. (See Kuentzel, W. E., Geissman, and Batchelder.)
Baur, John W., H. Van Zuilen, and C. F. Rogier, assignors to Johnson Fare Box Company, Chicago, Ill. Electrical control system for vehicle fare boxes. 2,128,900; Sept. 6.
Bausch & Lomb Optical Company. (See Aspenleiter, Joseph W., assignor.)
Bausch & Lomb Optical Company. (See Burroughs, Kenneth C., assignor.)
Bausch & Lomb Optical Company. (See Fassin, Gustave, assignor.)
Bausch & Lomb Optical Company. (See Martin, Allan F., assignor.)
Beach, Charles H., Norcross, Minn. Detachable traction lug. 2,129,557; Sept. 6.

Beam, James R., assignor to Universal Sanitary Manufacturing Co., New Castle, Pa. Water closet. 2,129,398; Sept. 6.

Beaverstock, Elisha F., Holyoke, Mass. Direction indicator control switch. 2,129,658; Sept. 6.

Beckman, Gustaf S., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Silk reeling machine. 2,128,903; Sept. 6.

Beevar, Joseph. (See Herbster, G., and Beevar.)

Beech-Nut Packing Company. (See Follett, Charles A., assignor.)

Beekman, Everett W. (See Goad, L. C., Haubursin, and Beekman.)

Behling, George J., Croton-on-Hudson, and N. Dykstra, Ossining, N. Y. Safetypin. 2,129,191; Sept. 6.

Belcher, Daniel, assignor to Bemis Bro. Bag Co., Minneapolis, Minn. Container. 2,128,904; Sept. 6.

Bell Telephone Laboratories, Incorporated. (See Eighmey, David T., assignor.)

Bell Telephone Laboratories, Incorporated. (See Given, Frederick J., assignor.)

Bell Telephone Laboratories, Incorporated. (See Goehner, William R., assignor.)

Bell Telephone Laboratories, Incorporated. (See Greig, John W., assignor.)

Bell Telephone Laboratories, Incorporated. (See Kater, Joseph A., assignor.)

Bell Telephone Laboratories, Incorporated. (See Lamberty, Frederick R., assignor.)

Bemis Bro. Bag Co. (See Belcher, Daniel, assignor.)

Bendix Aviation Corporation. (See Scott, Lloyd H., assignor.)

Benner, Raymond C., and R. L. Melton, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Coated abrasive product and manufacturing the same. 2,128,905; Sept. 6.

Benner, Raymond C., and R. L. Melton, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Production of flexible abrasive articles. 2,128,906; Sept. 6.

Benner, Raymond C., and R. L. Melton, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Making abrasive coated material. 2,128,907; Sept. 6.

Benolt, Constant A., assignor to Permatex Company, Inc., Brooklyn, N. Y. Leak-sealing and rust-preventing composition. 2,129,459; Sept. 6.

Bergstein, Edna M., et al., trustees. (See Bergstein, Samuel, assignor.)

Bergstein, Robert M., et al., trustees. (See Bergstein, Samuel, assignor.)

Bergstein, Samuel, Cincinnati, Ohio, assignor to E. M. and R. M. Bergstein, as trustees. Hermetically sealed carton. 2,128,893; Sept. 6.

Berkowitz Envelope Company. (See Berkowitz, Eugene B., assignor.)

Berkowitz, Eugene B., assignor to Berkowitz Envelope Company, Kansas City, Mo. Bank deposit envelope. 2,129,192; Sept. 6.

Berman, Hyman, New York, N. Y. Garment. 2,129,486; Sept. 6.

Bernhard, Albrecht, and G. Beyrich, assignors to Metrawatt Aktiengesellschaft Fabrik Elektrischer, Messgeraete, Nuremberg, Germany. Multirange photoelectric exposure meter. 2,129,114; Sept. 6.

Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Vehicle wheel. 2,129,115; Sept. 6.

Beyrich, Guido. (See Bernhard, A., and Beyrich.)

Bichowsky, Francis R., Ottawa Hills, Toledo, Ohio, assignor to The Dow Chemical Company, Midland, Mich. Spiral heat interchanger. 2,129,300; Sept. 6.

Bichowsky, Francis R., Toledo, Ohio, assignor to The Dow Chemical Company, Midland, Mich. Recovery of solvents from gases. 2,129,299; Sept. 6.

Bickford, Frederick E., Rye, N. Y. Package making machine. 2,128,982; Sept. 6.

Binder, Joseph, New York, N. Y. Article of manufacture. 2,129,399; Sept. 6.

Birnbach Radio Company. (See Wertheimer, Samuel M., assignor.)

Bischoff, Robert. (See Brisbane, E. C., and Bischoff.)

Bisson, Orphir. (See Robillard, Gaspard, assignor.)

Blackwell, Herbert H., Roanoke, Va. Electric vacuum shaver. 2,129,559; Sept. 6.

Blanchard, Werner J., Kenmore, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation. Aircraft power plant control. 2,128,983; Sept. 6.

Bleier, Arthur, New York, N. Y. Adjustable means for attaching quilts, blankets, etc., to cribs. 2,129,487; Sept. 6.

Blossfeld, Emil, Oakland, Calif. Belt. 2,129,400; Sept. 6.

Blount, Arthur L., Palos Verdes Estates, and H. G. Reiber, Long Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Motor fuel. 2,129,193; Sept. 6.

Blount, Arthur L., Palos Verdes Estates, and H. G. Reiber, Long Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Motor fuel. 2,129,194; Sept. 6.

Bludworth, Joseph E., Arlington, Tex., assignor to Celanese Corporation of America. Preparation of oxygenated compounds. 2,128,908; Sept. 6.

Bludworth, Joseph E., Arlington, Tex., assignor to Celanese Corporation of America. Preparation of oxygenated compounds. 2,128,909; Sept. 6.

Bludworth, Joseph E., Arlington, Tex., assignor to Celanese Corporation of America. Combustion power liquid. 2,128,910; Sept. 6.

Bluem, Frederick and K., Chicago, Ill. Limestone slab and coloring same. 2,129,460; Sept. 6.

Bluem, Kurt. (See Bluem, Frederick and K.)

Bisly, Russell O., Cassopolis, Mich. Soil erosion control device. 2,129,560; Sept. 6.

Blystone, Henry L. (See Cramer, O. B., and Blystone.)

Bocca, Carlo, Vigevano, and L. Amati, Padova, Italy. Color filter. 2,129,195; Sept. 6.

Boerger, Earl A., Miami, Fla. Marble shooter. 2,129,461; Sept. 6.

Bomberger, George E., assignor to Inland Container Corporation, Indianapolis, Ind. Indented paperboard article. 2,129,488; Sept. 6.

Bonanno, Joseph L., Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Circuit controller for toy railroads. 2,129,258; Sept. 6.

Bond Manufacturing Corporation. (See Bond, Samuel C., assignor.)

Bond, Samuel C., Holly Oak, Del., assignor to Bond Manufacturing Corporation, Inc. Making cork composition and product produced thereby. 2,128,894; Sept. 6.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,129,301; Sept. 6.

Borg-Warner Corporation. (See Buchanan, John C., assignor.)

Borg-Warner Corporation. (See Gamble, David E., assignor.)

Bork-Warner Corporation. (See Ruesenberg, C. A., and Willene, assignors.)

Borg-Warner Corporation. (See Swennes, Benjamin A., assignor.)

Bortsch, Robert, St. Peter, near Graz, Austria. Cement testing device. 2,129,043; Sept. 6.

Bosch, Robert, Gesellschaft mit beschrankter Haftung. (See Hammer, Richard, assignor.)

Bosch, Robert, Gesellschaft mit beschrankter Haftung. (See Klein, Hermann, assignor.)

Boshnack, Isidore and S., New York, N. Y. Safety tool pocket. 2,129,196; Sept. 6.

Boshnack, Samuel. (See Boshnack, Isidore and S.)

Botinger, Fred, Oakford, and C. Schreier, Philadelphia, Pa. Flexible utility ladder. 2,129,401; Sept. 6.

Boughton, Solon J., Shaker Heights, Ohio. Gear change operating means. 2,129,259; Sept. 6.

Boumeester, Hulbert G., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Discharge tube. 2,129,314; Sept. 6.

Bowman, Louis G., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Sewing machine. 2,129,402; Sept. 6.

Bowman, Louis G., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Crease retaining means for garments. 2,129,403; Sept. 6.

Bowser, Norma G., San Leandro, Calif. Combination wheeled chair and crutch. 2,129,260; Sept. 6.

Bowser, Percy L. (See Flammang, J., and Bowser.)

Boyce Thompson Institute for Plant Research, Inc. (See Hartzel, A., Wilcoxon, and Yonden, assignors.)

Boyce Thompson Institute for Plant Research, Inc. (See Zimmerman, P. W., and Hitchcock, assignors.)

Brannick, Jacob M., Philadelphia, Pa. Net canopy for baby carrigaes. 2,129,080; Sept. 6.

Brelsford, Harry E. (See Howse, C. L., and Brelsford.)

Bresina, Thomas J. (See Schmidt, W. F., and Bresina.)

Bridges, Edward G., Anderson, Ind., assignor to Lynch Corporation. Glassware forming apparatus. 2,129,614; Sept. 6.

Brisbane, Eugene C., and R. Bischoff, assignors to S. Morgan Smith Company, York, Pa. Valve. 2,129,081; Sept. 6.

Bronson Reel Company. (See Schafer, John V., assignor.)

Brooks, George F., Lakewood, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Decorative hanging. 2,128,911; Sept. 6.

Brown, Alexander, Brooklyn, N. Y. Ball amusement device. 2,129,489; Sept. 6.

Brown, Bradford W., Northbrook, assignor to Container Corporation of America, Chicago, Ill. Container. 2,129,462; Sept. 6.

Brown Company. (See Ayers, Fred L., assignor.)

Browne & Sharpe Manufacturing Company. (See Moo, Gotlurd T., assignor.)

Brueck, Theodore M., assignor to Ilex Optical Company, Rochester, N. Y. Shutter operating mechanism. 2,129,561; Sept. 6.

Brueck, Theodore M., assignor to Ilex Optical Company, Rochester, N. Y. Lens and diaphragm assembly. 2,129,562; Sept. 6.

Bryant Electric Company, The. (See Webster, Benjamin C., assignor.)

Bryant, John W., Jr., Minneapolis, Minn. Bronze alloy. 2,129,197; Sept. 6.

Bublitz, Edward J., Chicago, Ill. Ornamental tree. 2,129,563; Sept. 6.

Buchanan, John C., Ypsilanti, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,129,342; Sept. 6.

Buchs, William L., Kenmore, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Gas cleaner. 2,129,490; Sept. 6.

Budd, Edward G., Manufacturing Company. (See Ragsdale, E. J. W., and Dean, assignors.)

Buehring, William J., Chicago, Ill., assignor to The Reliable Electric Company. Unit connecter. 2,128,895; Sept. 6.

Buffalo Foundry & Machine Co. (See Lavett, Charles O., assignor.)

Buffehr, Charles, Cheyenne, Wyo. Ice cubing machine. 2,129,116; Sept. 6.

Buffington, Calvin A., Berkshire, N. Y. Folding chair. 2,128,912; Sept. 6.

Bugatti, Ettore, Molsheim, France. Pane securing means. 2,129,404; Sept. 6.

Bugatti, Ettore, Molsheim, France. Truck and wheel train especially intended for railroad vehicles. 2,129,405; Sept. 6.

Bullard Company, The. (See Bullard, Edward P., III, assignor.)

Bullard, Edward P., III, Fairfield, Conn., assignor to The Bullard Company. Station type treatment machine. 2,129,463; Sept. 6.

Buquor, Adolph P., assignor, by mesne assignments, to Martin-Parry Corporation, York, Pa. Gun carriage. 2,129,315; Sept. 6.

Burk, Robert E., assignor to The Standard Oil Company, Cleveland, Ohio. Coal handling. 2,128,913; Sept. 6.

Burke, William E., and M. T. Works, assignors to Cameron Iron Works, Houston, Tex. Core barrel mounting. 2,128,914; Sept. 6.

Burns, John J., Yonkers, N. Y. Electrical connecter. 2,129,044; Sept. 6.

Burroughs, Kenneth C., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Abrading lenses. 2,129,522; Sept. 6.

Busch, Frank B., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Container closure. 2,129,159; Sept. 6.

Butler, Clarence H., Austin, assignor to Amalgamated Minerals Corporation, Minneapolis, Minn. Exfoliating vermiculite and similar minerals. 2,129,523; Sept. 6.

Byrer, Ralph W., Rockford, Ill. Gum massaging appliance. 2,129,082; Sept. 6.

Byrkit, Gordon D. (See Lincoln, B. H., and Byrkit.)

Calvert, William C., Oak Park, Ill., assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,129,615; Sept. 6.

Cameron Iron Works. (See Burke, W. E., and Works, assignors.)

Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Current transformer. 2,129,524; Sept. 6.

Campbell Taggart Associated Bakeries, Inc. (See Archer, Philip D., assignor.)

Carborundum Company, The. (See Benner, R. C., and Melton, assignors.)

Carborundum Company, The. (See Robie, Norman P., assignor.)

Cardox Corporation. (See Noble, Warren, assignor.)

Carlstein, Daniel, assignor to Economic Machinery Company, Worcester, Mass. Bottle top labeling machine. 2,129,045; Sept. 6.

Carmody, William H., Dayton, Ohio, assignor to The Neville Company, Pittsburgh, Pa. Treatment of still residue. 2,128,984; Sept. 6.

Carmody, William H., Dayton, Ohio, assignor to The Neville Company, Pittsburgh, Pa. Treatment of heavy oil. 2,128,985; Sept. 6.

Carter, Philip M., White Plains, N. Y., and D. F. Linsley, Norwalk, Conn., assignors to Vaco Products, Inc., Jersey City, N. J. Gear shifting mechanism. 2,129,083; Sept. 6.

Carus Chemical Company. (See Kleimenhagen, Karl, assignor.)

Catini, Vincenzo, assignor to Kamket Corporation, New York, N. Y. Machine for uniting loose leaves and binder elements. 2,129,604; Sept. 6.

Catini, Vincenzo, assignor to Kamket Corporation, New York, N. Y. Machine for making book binder elements. 2,129,605; Sept. 6.

Cederlund, Albert, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft replenishing mechanism for looms. 2,128,915; Sept. 6.

Celanese Corporation of America. (See Bludworth, Joseph E., assignor.)

Chandler, Edwin C., Norwich, Vt. Weighing fork. 2,129,564; Sept. 6.

Chase, Leland H., Little Neck, and C. L. Loudon, New York, assignors to Holmes Electric Protective Company, New York, N. Y. Burglar alarm system. 2,129,261; Sept. 6.

Chase, Rutherford B., Chicago, Ill. Type casting machine. 2,129,164; Sept. 6.

Chemical Foundation, Incorporated, The. (See Christensen, Leo M., assignor.)

Chemical Works, formerly Sandoz. (See Renz, Jany, assignor.)

Chemnitzer Strickmaschinen-Fabrik Akt. Ges. (See Sander, Paul, assignor.)

Cheney, Charles W., Birmingham, England. Bolt and hasp fastening for attaché and suit cases and the like. 2,129,117; Sept. 6.

Chicago Television & Research Laboratories, Inc. (See McCreary, Harold J., assignor.)

Chilson, Lewis S., Attleboro, Mass., assignor to J. M. Fisher Company. Locket. 2,129,491; Sept. 6.

Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Flexible control terminal. 2,128,986; Sept. 6.

Christensen, Leo M., Atchison, Kans., assignor to The Chemical Foundation, Incorporated. Motor fuel. 2,128,987; Sept. 6.

Christian, John R., Martinez, Calif. Game board. 2,128,988; Sept. 6.

Clar, Friedrich K., Berlin-Hermsdorf, assignor to Rheinmetall-Borsig Aktiengesellschaft werk Borsig Berlin-Tegel, Berlin-Tegel, and Carl Geissen, Berlin-Schoneberg, Germany. Spring for cars. 2,129,118; Sept. 6.

Clay, Ralph A., Albury, assignor to The Expanded Metal Company, Limited, London, England. Electrical heater and resistance. 2,129,046; Sept. 6.

Clay, William C., Buckroe Beach, Va. Deicing attachment for airplane propellers. 2,129,565; Sept. 6.

Clemens, Alfred A., Columbia, Calif. Load indicator for motor vehicles. 2,129,343; Sept. 6.

Clement, William D., assignor to Friedberger-Aaron Manufacturing Company, Philadelphia, Pa. Fabric for use in the manufacture of shoes. 2,129,344; Sept. 6.

Cleveland Cooperative Stove Company, The. (See Herbster, G., and Beevar, assignors.)

Cleveland Rock Drill Company, The. (See Curtis, John C., assignor.)

Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerators. 2,129,525; Sept. 6.

Cole, Fred B., Portland, Oreg. Milk bottle cap. 2,129,406; Sept. 6.

Cole, Rex, New York, N. Y. Health appartus. 2,129,262; Sept. 6.

Colgin, Saladine E., Dallas, Tex. Smoke flavoring condiment. 2,129,047; Sept. 6.

Colomy, Roy H., Springdale, assignor of twenty-five percent to C. W. Olson, Darien, Conn. Paper clip. 2,129,160; Sept. 6.

Container Corporation of America. (See Brown, Bradford W., assignor.)

Continental Can Company. (See Kronquest, Alfred L., assignor.)

Continental Can Company. (See O'Neil, James H., assignor.)

Continental Can Company of Pennsylvania. (See Varker, Thomas L., assignor.)

Continental Oil Company. (See Lincoln, B. H., and Byrkit, assignors.)

Conwell, Samuel H., Chicago, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Car coupler operating device. 2,129,165; Sept. 6.

Copenhaver, John W. (See Russell, A., and Copenhaver.)

Cottrell, C. B., & Sons Company. (See Barber, Howard M., assignor.)

Cover, Berkey E., Chicago, Ill., assignor to Cover Dual Signal Systems, Inc. Combined fire alarm, police alarm, and intercommunicating system. 2,129,345; Sept. 6.

Cover Dual Signal Systems, Inc. (See Cover, Berkey E., assignor.)

Cowles, Henry C., Jr. (See Ferris, S. W., and Cowles.)

Cox, Raymond E., assignor of one-half to W. N. Basham, Oakland, Calif. Automotive control system. 2,128,916; Sept. 6.

Crago, Harry R., Schenectady, N. Y., assignor to General Electric Company. Control system and apparatus for heating. 2,129,526; Sept. 6.

Cramer, Olive B., Sterling, Colo., and H. L. Blystone, Pasadena, Calif. Go-cart for babies. 2,129,316; Sept. 6.

Cricco, Robert, Hoboken, N. J. Handle attaching device. 2,129,263; Sept. 6.

Crocker, Ernest C., Belmont, assignor to Arthur D. Little Incorporated, Cambridge, Mass. Tooth paste. 2,128,917; Sept. 6.

Crompton & Knowles Loom Works. (See Cederlund, Albert, assignor.)

Crompton & Knowles Loom Works. (See Turner, Richard G., assignor.)

Crosley Radio Corporation, The. (See Money, Roland H., assignor.)

Crouch, Wentworth W., and A. I. Hess, assignors to Eastman Kodak Company, Rochester, N. Y. Shipping carton for motion picture film. 2,129,198; Sept. 6.

Crowell, Joyce H., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Purification of maleic anhydride. 2,129,166; Sept. 6.

Crown Cork & Seal Company. (See Leenaards, Antoine, assignor.)

Cunningham, George L., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Recovery of sodium chloride and sodium chlorite from aqueous solutions. 2,129,464; Sept. 6.

Cunnington, George R., assignor to Woodall Industries Incorporated, Detroit, Mich. Laminated panel. 2,129,167; Sept. 6.

Current, Ira B., assignor to Agfa Ansco Corporation, Binghamton, N. Y. Sensitizing and processing cards. 2,129,302; Sept. 6.

Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Fluid operated tool. 2,129,566; Sept. 6.

Curtiss-Wright Corporation. (See Blanchard, Werner J., assignor.)
Dahlberg, Arthur O., Washington, D. C. Shoe. 2,129,492; Sept. 6.
Dake, Charles W., Grand Haven, Mich. Brake drum. 2,129,199; Sept. 6.
Dalo, John, assignor to A and Z Chain Company, Providence, R. I. Extensible bracelet clasp. 2,129,518; Sept. 6.
Dalrymple, Ferdinand H., Bedford, Ohio. Chain and making the same. 2,129,407; Sept. 6.
Damon, Philip E., Ames, Iowa. Upside down flare. 2,129,200; Sept. 6.
Danielsson, Yngve A. F., Gothenburg, Sweden. Lateral registration apparatus. 2,129,567; Sept. 6.
Darash, Nicholas P. (See Lange, M. E., and Darash.)
Davidson, Arthur C., Chicago, Ill. Truck stabilizer. 2,129,408; Sept. 6.
Davis, Charles, Neuilly-sur-Seine, France. Extrusion container. 2,129,119; Sept. 6.
Davis, Charles, Neuilly-sur-Seine, France. Forming extrusion containers. 2,129,120; Sept. 6.
Davis, Gaspé, H., Van Nuys, Calif. Toilet odor expeller. 2,129,048; Sept. 6.
Davis, Henry R., Augusta, Ga. Harness lifting top for looms. 2,129,201; Sept. 6.
Davis, Robert S. (See Smith, Robert, assignor.)
Dean, Albert G. (See Ragsdale, E. J. W., and Dean.)
De Biasi, Charles P., New London, Conn. Screen support. 2,129,568; Sept. 6.
De Duke, Jacob, New York, N. Y. Hair curling apparatus. 2,129,121; Sept. 6.
Deems, Edward M., Forest Hills, assignor to Railroad Accessories Corporation, New York, N. Y. Rail bond. 2,129,493; Sept. 6.
De Golyer, Anthony G., New York, N. Y. Alloy. 2,129,346; Sept. 6.
De Golyer, Anthony G., New York, N. Y. Manganese alloy. 2,129,347; Sept. 6.
De Golyer, Anthony G., New York, N. Y. Manganese-boron alloy. 2,129,348; Sept. 6.
De Lay, Clyde L., Indianapolis, Ind. Wire fence stretcher. 2,129,569; Sept. 6.
De Melo, Alfredo S. A., Lisbon, Portugal. Inkwell. 2,129,409; Sept. 6.
Den Hertog, Herman J., Jr. (See Wibaut, J. P., and den Hertog.)
Dent, Charles E. (See Linstead, R. P., and Dent.)
Detroit Lubricator Company. (See Landon, Walter S., assignor.)
Diamond Power Specialty Corporation. (See Howse, C. L., and Breisford, assignors.)
Dicke, Oscar H., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic control system. 2,129,168; Sept. 6.
Dickerson, James H., New Philadelphia, Ohio. Method of and apparatus for separating composite material. 2,128,918; Sept. 6.
Dickerson, Rawson P., East Orange, N. J. Booklet calendar. 2,128,989; Sept. 6.
Diefenbach, Ernst. (See Kränzlein, G., Diefenbach, and Eggert.)
Dinhofer, Julius, New York, N. Y. Wrist band attaching means for wrist watches. 2,129,494; Sept. 6.
Ditto, Incorporated. (See Kokay, Stephen, assignor.)
Dixie-Vortex Company. (See Krein, F. T., and Alfreds, assignors.)
Dobeckmun Company, The. (See Prindle, Karl E., assignor.)
Dodelin, Fred A., Glen Ridge, assignor to Pyrene Manufacturing Company, Newark, N. J. Fire extinguisher. 2,129,465; Sept. 6.
Dooley, Edward F., Hutchinson, Kans. Method and apparatus for making well casings. 2,129,570; Sept. 6.
Doran, John E., assignor to The G. A. Gray Company, Cincinnati, Ohio. Regulating the rate of feed of a milling machine or other machine tool. 2,129,049; Sept. 6.
Dorman, Neal W., assignor to The Toledo Machine & Tool Company, Toledo, Ohio. Pneumatic control valve. 2,129,084; Sept. 6.
Dorr Company, The. (See Fischer, Anthony J., assignor.)
Dorr Company, The. (See Fischer, A. J., and Lund, assignors.)
Douglas, Harry A., Bronson, Mich. Mechanical force transmission apparatus. 2,129,303; Sept. 6.
Dow Chemical Company, The. (See Bass, S. L., and Van Duzee, assignors.)
Dow Chemical Company, The. (See Bichowsky, Francis R., assignor.)
Dow Chemical Company, The. (See Van Duzee, E. M., and Bass, assignors.)
Dow Chemical Company, The. (See Wibaut, J. P., and den Hertog, assignors.)
Dowling, Philip H., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Manufacture of electrical rectifiers. 2,129,410; Sept. 6.
Downing, Frederick B., Carneys Point, and F. W. Johnson, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitrogen-containing organic compounds. 2,129,264; Sept. 6.
Doyle, Frank B., Phillipsburg, N. J., assignor to Guardite Corporation. Treatment of fruits, particularly dates. 2,128,919; Sept. 6.
Draeger, Rupert H., United States Navy. Book support. 2,128,920; Sept. 6.
Draeger, Rupert H., United States Navy. Processing photographic sensitized material. 2,128,921; Sept. 6.
Drewry, Montrose K., Milwaukee, Wis. Air conditioning system. 2,129,202; Sept. 6.
Driscoll, Joseph, New York, N. Y. Carburetor heater for internal combustion engines. 2,129,571; Sept. 6.
Dubilier Condenser Corporation. (See Dubilier, William, assignor.)
Dubilier, William, New Rochelle, assignor to Dubilier Condenser Corporation, New York, N. Y. Electrical condenser. 2,128,990; Sept. 6.
Duby, Frederick, Miami, Fla. Adding machine. 2,129,265; Sept. 6.
Duffy, Michael J., Brooklyn, N. Y. Nonrefillable bottle. 2,128,922; Sept. 6.
Dufour, René A., Paris, and H. A. Leduc, Mantes-Gassicourt, France. Method and apparatus for heat-treating metallic members coated with rubber. 2,129,203; Sept. 6.
Dumas Engineering Company. (See Dumas, M. G., and Orr, assignors.)
Dumas, Maxwell G., and W. S. Orr, Pittsburgh, Pa., assignors to Dumas Engineering Company, Youngstown, Ohio. Multiple pouring device. 2,129,050; Sept. 6.
Duncklee, Elmer R., Mystic, assignor to The Atwood Machine Company, Stonington, Conn. Winding machine. 2,129,411; Sept. 6.
Dunmore, Francis W., Washington, D. C., assignor to the Government of the United States represented by the Secretary of Commerce. Radio system for azimuth indication. 2,128,923; Sept. 6.
Duperron, Wilfred, Vancouver, British Columbia, Canada. Electrical measuring instrument. 2,129,204; Sept. 6.
Du Pont, E. I., de Nemours & Company. (See Downing, F. B., and Johnson, assignors.)
Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Etzel, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hunter, Archibald S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Patterson, Gordon D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Salzberg, Paul L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Tisdale, W. H., and Flenner, assignors.)
Duryea, O. C., Corporation. (See Duryea, Otho C., assignor.)
Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,129,543; Sept. 6.
Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,129,544; Sept. 6.
Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,129,545; Sept. 6.
Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,129,546; Sept. 6.
Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,129,547; Sept. 6.
Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,129,548; Sept. 6.
Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,129,549; Sept. 6.
Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,129,550; Sept. 6.
Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,129,551; Sept. 6.
Dybvig, Henry G., assignor to J. Q. Sherman, Dayton, Ohio. Pinwheel feed. 2,128,924; Sept. 6.
Dykeman, Wilbur S. (See Oftedal, M. S., and Dykeman.)
Dykstra, Nicholas. (See Behling, G. J., and Dykstra.)
Eastley, Mona V., Los Angeles, Calif., assignor to C. A. Mureau, Omaha, Nebr. Lip rouge applicator. 2,129,051; Sept. 6.
Eastman Kodak Company. (See Crouch, W. W., and Hess, assignors.)
Eastman Kodak Company. (See Fallesen, G. E., and Staud, assignors.)
Eastman Kodak Company. (See Faw, Wendell G., assignor.)
Eastman Kodak Company. (See Fordyce, Charles R., assignor.)
Eastman Kodak Company. (See Harmon, Herbert H., assignor.)
Eastman Kodak Company. (See Morse, Richard S., assignor.)
Eastman Kodak Company. (See Nagel, Hugo, assignor.)
Eastman Kodak Company. (See Schuler, William N., assignor.)
Eastman Kodak Company. (See Sheppard, S. E., and Vanselow, assignors.)
Eastman Kodak Company. (See Talbot, Ralph H., assignor.)
Eastman Kodak Company. (See Talbot, R. H., and Gramkee, assignors.)

Eastman Kodak Company. (See Trahey, John C., assignor.)
Eastman Kodak Company. (See Wynd, C. L., and Groth, assignors.)
Eckhardt, Wolfgang. (See Rieche, A., Maier-Bode, and Eckhardt.)
Economic Machinery Company. (See Carlstein, Daniel, assignor.)
Edele, Harry H., St. Louis, Mo. Device for holding hinged closures in open positions. 2,129,412; Sept. 6.
Edeleanu Gesellschaft m. b. H. (See Grote, W., and Hoppe, assignors.)
Eggert, Fritz. (See Kränzlein, G., Diefenbach, and Eggert.)
Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen Kreis, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of lenticular prints. 2,129,205; Sept. 6.
Eighmey, David T., Jamaica, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wrench device. 2,128,991; Sept. 6.
Eisen, Jay B., Yonkers, assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Making center spot crowns. 2,129,349; Sept. 6.
Elger, Franz, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of laevo-ascorbic acid. 2,129,317; Sept. 6.
Ellinghausen, Hermann, Bremen, Germany. Mounting propeller blades. 2,129,206; Sept. 6.
Elwell, Edwin L., Baltimore, Md., assignor to Eskimo Pie Corporation, Brooklyn, N. Y. Machine for producing frozen confections. 2,128,992; Sept. 6.
Ely, Cornelius G., Chicago, and E. H. Allen, Oak Park, assignors, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Illuminated dial. 2,129,169; Sept. 6.
Emery, George S., Tulsa, Okla. Loose leaf binder. 2,129,318; Sept. 6.
Endicott Johnson Corporation. (See Short, Victor W., assignor.)
Engelhardt, Rudolf. (See Lommel, W., and Engelhardt.)
Epstein, Albert K., Chicago, Ill. Treatment of soya bean oil. 2,128,925; Sept. 6.
Epstein, Albert K., Chicago, Ill. Treatment of soya bean oil. 2,128,926; Sept. 6.
Epstein, Albert K., Chicago, Ill. Treatment of soya bean oil. 2,128,927; Sept. 6.
Eskimo Pie Corporation. (See Elwell, Edwin L., assignor.)
Estes, Joseph H., Boston, assignor to J. W. Allen and E. E. Kent, Newton, and H. W. Packer, Wellesley, Mass. Article of manufacture from fibers of bast or leaf origin. 2,128,929; Sept. 6.
Estes, Joseph H., Miami, Fla., assignor to J. W. Allen and W. E. Kent, Newton, and H. W. Packer, Wellesley, Mass. Fiber liberation. 2,128,928; Sept. 6.
Etzel, Gastao. (See Henke, C. O., and Etzel.)
Evans, Eugene M., assignor of one-tenth to E. J. Tietjen, Jefferson City, Mo. Power generating apparatus. 2,129,413; Sept. 6.
Evans, Harold W. (See Knox, H. A., and Evans.)
Expanded Metal Company, The. (See Clay, Ralph A., assignor.)
Faber, Herbert A., Cincinnati, Ohio. Structural unit. 2,129,369; Sept. 6.
Fageol, Frank R. and W. B., Kent, Ohio, assignors of one-fifth to Strauch & Hoffman, Washington, D. C. Unit section automotive vehicle. 2,128,930; Sept. 6.
Fageol, William B. (See Fageol, Frank R. and W. B.)
Fairbanks, Morse & Co. (See Taylor, James H., assignor.)
Fallesen, George E., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Print-out emulsion. 2,129,207; Sept. 6.
Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio receiving system. 2,128,993; Sept. 6.
Fassin, Gustave, Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Dust counter. 2,129,527; Sept. 6.
Faw, Wendell G., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Treating yarns, fibers, and filaments. 2,129,414; Sept. 6.
Fedders Manufacturing Company. (See Buchs, William L., assignor.)
Federal Products Corporation. (See Street, Chauncey C., assignor.)
Feinbloom, William, New York, N. Y. Contact lens. 2,129,304; Sept. 6.
Feinbloom, William, New York, N. Y. Contact lens. 2,129,305; Sept. 6.
Ferguson, Berlin S., assignor to Harnischfeger Corporation, Milwaukee, Wis. Structural member. 2,129,466; Sept. 6.
Ferris, Seymour W., Aldan, and H. C. Cowles, Jr., assignors to The Atlantic Refining Company, Philadelphia, Pa. Revivification of clay and the like. 2,128,931; Sept. 6.
Ferro Enameling Company. (See Hauch, Henry G., assignor.)
Fetzer, Paul L., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steam jet refrigeration apparatus. 2,129,098; Sept. 6.
Finnegan, William J., Hollywood, Calif. Freezing and preserving comestibles. 2,129,572; Sept. 6.
Fischer, Anthony J., Jackson Heights, Long Island, assignor to The Dorr Company, Inc., New York, N. Y. Sewage treatment. 2,129,267; Sept. 6.
Fischer, Anthony J., Jackson Heights, Long Island, and N. B. Lund, Seaford, assignors to The Dorr Company, Inc., New York, N. Y. Sewage digestion. 2,129,266; Sept. 6.
Fischer, Franz, and H. Koch, assignors to Studien- und Verwertungs-Gesellschaft mit beschrankter Haftung, Mulheim-Ruhr, Germany. Treating synthetic benzine products from hydrogen and the oxides of carbon. 2,128,994; Sept. 6.
Fisher, Adolph E., Minneapolis, Minn., assignor to A. Parker-Smith, New York, N. Y., as trustee. Automatic clutch control. 2,129,350; Sept. 6.
Fisher, J. M., Company. (See Chilson, Lewis S., assignor.)
Fisher, Lawrence E. (See Frank, W. H., and Fisher.)
Fisher, Lyman C. (See Frank, W. H., and Fisher.)
Fisher, Lyman C., and W. H. Frank, Detroit, Mich. Electrical distribution system. 2,128,995; Sept. 6.
Fitch, Louis H., Jr., and F. E. Frey, assignors to Phillips Petroleum Company, Bartlesville, Okla. Preparation of resinous reaction products of sulphur dioxide and olefines. 2,128,932; Sept. 6.
Flammang, John, and P. L. Bowser, assignors to The Sterling Corporation, St. Louis, Mo. Molding machine. 2,129,351; Sept. 6.
Flenner, Albert L. (See Tisdale, W. H., and Flenner.)
Florence-Wehrle Stove Co. (See Pickup, George E., assignor.)
Follett, Charles A., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Display stand. 2,129,122; Sept. 6.
Fontenot, Abel, Fort Benning, Ga. Suction pump. 2,129,415; Sept. 6.
Food Machinery Corporation. (See Paxton, Hale, assignor.)
Food Machinery Corporation. (See Stebler, F., and Marsden, assignors.)
Forbes, Edward M., Virginia Beach, Va. Concrete form or mold. 2,129,208; Sept. 6.
Fordyce, Charles R., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Hydrolyzed cellulose acetate. 2,129,052; Sept. 6.
Foster, Benjamin, and C. J. Seydel, assignors to Benjamin Foster Company, Philadelphia, Pa. Bituminous emulsion. 2,129,416; Sept. 6.
Foster, Benjamin, Company. (See Foster, B., and Seydel, assignors.)
Foster, Bernard W. (See Williams, V. H., and Foster.)
Foster, Dudley E., Morristown, N. J., assignor to Radio Corporation of America. Automatic volume control circuits. 2,128,996; Sept. 6.
Foster, Dudley E., Morristown, N. J., assignor to Radio Corporation of America. Automatic frequency control circuit. 2,129,085; Sept. 6.
Foster, Dudley E., South Orange, N. J., assignor to Radio Corporation of America. Automatic frequency control circuit. 2,128,997; Sept. 6.
Foster, Dudley E., South Orange, N. J., assignor to Radio Corporation of America. Automatic frequency control circuit. 2,129,123; Sept. 6.
Foster, Edwin E., Austin, Tex. Sugar dispenser. 2,128,933; Sept. 6.
Fotsch, William G., assignor to Reliable Electric Co., Chicago, Ill. Nut retainer for split shank connecters. 2,129,086; Sept. 6.
Frank, Harrison J. L., and W. A. Harper, Detroit, Mich. Trolley duct. 2,128,998; Sept. 6.
Frank, William H. (See Fisher, L. C., and Frank.)
Frank, William H., and L. E. Fisher, Detroit, Mich. Switch. 2,128,999; Sept. 6.
Frank, William H., and L. C. Fisher, Detroit, Mich. Electrical distribution system. 2,129,170; Sept. 6.
Frederick, Tilghman G., Orange, N. J. Looped film motion picture projector. 2,129,467; Sept. 6.
Frey, Frederick E. (See Fitch, L. H., Jr., and Frey.)
Friedberger-Aaron Manufacturing Company. (See Clement, William D., assignor.)
Fries, Daniel G. (See Fries, Daniel, Sr., and D. G., Jr.)
Fries, Daniel, Sr., and D. G., Jr., assignors to The Fries & Son Steel Construction and Engineering Company, Covington, Ky. Cell door locking and operating device. 2,129,171; Sept. 6.
Fries & Son Steel Construction and Engineering Company. (See Fries, Daniel, Sr., and D. G., Jr., assignors.)
Froland, Olav, assignor to J. R. Kearney Corporation, St. Louis, Mo. Electrical switch. 2,129,270; Sept. 6.
Fuhrmann, Alvin O., Rock Island, Ill., assignor to National Battery Company, St. Paul, Minn. Mold for plastic materials and making the same. 2,129,268; Sept. 6.
Furlong, Joseph P., Jersey City, assignor to Amarel Corporation, Newark, N. J. Conversion of hydrocarbons. 2,129,269; Sept. 6.
Gabbott, Edgar P., Chorlton-cum-Hardy, Manchester, and R. P. Peters, Bollington, Altrinchman, England. Manufacture of cartons, barrels, and the like. 2,129,573; Sept. 6.
Gagnaire, Jean F. (See Wernert, G. R., and Gagnaire.)

Gamble, David E., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch plate. 2,129,372; Sept. 6.
Gants, Chester A. and D. A., Abilene, Kans. Cylinder head for internal combustion engines. 2,129,319; Sept. 6.
Gants, Daniel A. (See Gants, Chester A. and D. A.)
Garlin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,128,934; Sept. 6.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,128,935; Sept. 6.
Gase, Carl G., Parma, assignor to Weldon Tool Company, Cleveland, Ohio. End mill. 2,129,417; Sept. 6.
Gase, Carl G., Parma, assignor to Weldon Tool Company, Cleveland, Ohio. Milling tool. 2,129,418; Sept. 6.
Gay, Azel, assignor to Multipost Company, Rochester, N. Y. Stamp affixing mechanism. 2,129,053; Sept. 6.
Gearns, Alexander J. E., Wolverhampton, England. Pipe support. 2,129,320; Sept. 6.
Gebauer-Fuelnegg, Erich, deceased, by M. Gebauer-Fuelnegg, administratrix, Evanston, and E. W. Moffett, assignors to Marbon Corporation, Chicago, Ill. Coated fibrous sheet and web material and making same. 2,129,370; Sept. 6.
Gebauer-Fuelnegg, Marie, administratrix. (See Gebauer-Fuelnegg, E., and Moffett.)
Gehrandt, Gustav R., Evanston, Ill. Internal combustion engine. 2,129,172; Sept. 6.
Geisler, Hugo P., Jr., Newton, Mass. Colostomy appliance. 2,129,054; Sept. 6.
Geissen, Carl, et al. (See Clar, Friedrich K., assignor.)
Geissman, Theodore A. (See Kuentzel, W. E., Geissman, and Batchelder.)
General Aniline Works, Inc. (See Keller, F., and Koch, assignors.)
General Aniline Works, Inc. (See Krinzlein, G., Diefenbach, and Eggert, assignors.)
General Electric Company. (See Arend, Nelson A., assignor.)
General Electric Company. (See Camilli, Guglielmo, assignor.)
General Electric Company. (See Crago, Harry R., assignor.)
General Electric Company. (See Hoffmann, Daniel C., assignor.)
General Electric Company. (See Howard, Alan, assignor.)
General Electric Company. (See Newell, Heber L., assignor.)
General Electric Company. (See Pohl, Robert, assignor.)
General Electric Company. (See Reid, Eugene H., assignor.)
General Electric Company. (See Rich, Theodore A., assignor.)
General Electric Company. (See Steenstrup, Carl H., assignor.)
General Electric Company. (See Van Billiard, Lewis H., assignor.)
General Motors Corporation. (See Geyer, Harvey D., assignor.)
General Motors Corporation. (See Goad, L. C., Hauboursin, and Beekman, assignors.)
General Motors Corporation. (See Grooms, Albert O., assignor.)
General Railway Signal Company. (See Dicke, Oscar H., assignor.)
General Railway Signal Company. (See Preston, Neil D., assignor.)
General Railway Signal Company. (See Preston, N. D., and Hitchcock, assignors.)
George, Douglas F., Hutton, England, assignor to Radio Corporation of America. Thermionic valve circuit arrangement. 2,129,088; Sept. 6.
George, Harry F., and J. G. Howard, Chicago, Ill. Lock key cutting machine. 2,129,087; Sept. 6.
Gerisch, Willy. (See Wünsch, G., and Gerisch.)
Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Transmission mount. 2,129,124; Sept. 6.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Bearing having a nonmetallic fabric lining and making same. 2,129,125; Sept. 6.
Gibbs, Owen S., Memphis, Tenn. Measuring apparatus. 2,129,055; Sept. 6.
Gilgenbach, Leo, Malone, Wis. Clutch controlling tractor hitch. 2,129,574; Sept. 6.
Gillette Safety Razor Company. (See Lewando, Felix J., assignor.)
Gilman, Orville J., Manhattan, Kans. Selected speed regulator. 2,129,575; Sept. 6.
Gilpin, Garth G., Riverside, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Car coupler centering device. 2,129,173; Sept. 6.
Given, Frederick J., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Condenser. 2,129,000; Sept. 6.
Glancy, Warren E., Waltham, assignor to Hood Rubber Company, Inc., Watertown, Mass. Adhesive composition. 2,129,126; Sept. 6.
Gleason, James E., assignor to Gleason Works, Rochester, N. Y. Gear cutter. 2,129,056; Sept. 6.
Gleason Works. (See Gleason, James E., assignor.)
Gleason Works. (See Wildhaber, Ernest, assignor.)
Goad, Louis C., Flint, Mich., and R. Haubursin and E. W. Beekman, Muncie, Ind., assignors to General Motors Corporation, Detroit, Mich. Molding machine. 2,129,127; Sept. 6.
Goehner, William R., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic camera. 2,129,001; Sept. 6.
Gold, Jacob, Los Angeles, Calif. Electric tooth brush. 2,129,002; Sept. 6.
Gompers, Lewis, trustee. (See Ashley, Frank M., assignor.)
Goodhue, Lyle D., Berwyn, Md., dedicated to the free use of the People of the United States of America. Adhesive for insecticides and making same. 2,129,517; Sept. 6.
Goodrich, B. F., Company, The. (See Jones, Webster N., assignor.)
Gorny, Frank A., and A. J. Patera, Chicago, Ill. Spark plug. 2,129,576; Sept. 6.
Gottlieb, Louis, Kansas City, Mo. Pneumatic tire casing. 2,129,128; Sept. 6.
Government of the United States, represented by the Secretary of Commerce. (See Dunmore, Francis W., assignor.)
Grabbe, Karl. (See Würstlin, K., and Grabbe.)
Graham, David T., Los Angeles, Calif., assignor to G. C. and G. Graham. Curtain fixture. 2,129,419; Sept. 6.
Graham, George, et al. (See Graham, David T., assignor.)
Graham, Grover C., et al. (See Graham, David T., assignor.)
Gramkee, Bruce E. (See Talbot, R. H., and Gramkee.)
Grammatico, Samuel, et al. (See Whitetree, Alva E., assignor.)
Grant, James, Swan River, Manitoba, Canada. Spark plug. 2,129,003; Sept. 6.
Gravell, James H. (See Hall, A., and Young, assignors.)
Gray, G. A., The. (See Doran, John E., assignor.)
Green, Samuel G., Gray, Ga. Muzzle attachment for guns. 2,128,936; Sept. 6.
Greene, Joseph F., assignor to Kimble Glass Company, Vineland, N. J. Lehr construction. 2,129,057; Sept. 6.
Gregory, Carey G., Los Angeles, Calif. Pen. 2,129,209; Sept. 6.
Greig, Ethel M., executrix. (See Greig, John W.)
Greig, John W., deceased, Dayton, Ohio, by E. M. Greig, executrix, Seattle, Wash., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio signaling. 2,129,004; Sept. 6.
Groene, William F., and W. R. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft chuck. 2,129,271; Sept. 6.
Grooms, Albert O., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,129,373; Sept. 6.
Grote, Wolfgang, and A. Hoppe, Berlin-Wilmersdorf, Germany, assignors to Edeleanu Gesellschaft m. b. H. Manufacture of improved lubricating oils. 2,129,616; Sept. 6.
Groth, William H. (See Wynd, C. L., and Groth.)
Groulx, John E., Bay City, Mich. Screen for tobacco pipes. 2,129,129; Sept. 6.
Guardite Corporation. (See Doyle, Frank B., assignor.)
Guerin, Norba W., Connersville, Ind. Arch support. 2,129,321; Sept. 6.
Guerin, Wilfred L., New Orleans, La. Suspender shirt. 2,129,577; Sept. 6.
Gutmann, Ferdinand, & Co. (See Eisen, Jay B., assignor.)
Guy, Frederick M., assignor to Guy and Murton, Incorporated, Detroit, Mich. Cotter pin. 2,129,420; Sept. 6.
Guy and Murton, Incorporated. (See Guy, Frederick M., assignor.)
Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Window construction. 2,129,578; Sept. 6.
Hajek, William J., Brookline, Mass., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heating system. 2,129,272; Sept. 6.
Hakanson, Alfred, North Arlington, N. J., assignor to Peerless Weighing and Vending Machine Corporation, Long Island City, N. Y. Article-dispensing mechanism. 2,129,322; Sept. 6.
Hale, William B., assignor to New Type Air Compressor Company, Huntington Park, Calif. Long stroke horizontal type air compressor. 2,128,937; Sept. 6.
Hales, Landy R., Elmhurst, N. Y. Manikin and making the same. 2,129,421; Sept. 6.
Hall, Albert, Narberth, and W. T. Young, Oakmont, assignors to J. H. Gravell, Elkins Park, Pa. Lock washer. 2,128,938; Sept. 6.
Hall, James F., assignor to The Ironsides Company, Columbus, Ohio. Compound for lubricating wire rope. 2,129,422; Sept. 6.
Hammer, Richard, Winnenden, assignor to Robert Bosch Gesellschaft mit beschrankter Haftung, Stuttgart, Germany. Starting apparatus for internal combustion engines. 2,128,939; Sept. 6.
Hammer, William O., San Francisco, Calif. Collimating apparatus for aligning prism-type binoculars. 2,129,130; Sept. 6.
Hancock, William T., Long Beach, Calif. Oil cracking tube lining. 2,129,174; Sept. 6.
Hanna, William T., Cincinnati, Ohio. Stoker mechanism. 2,128,940; Sept. 6.
Hannibal Car Wheel and Foundry Company. (See Mulvihill, Daniel C., assignor.)

Haralson, Fred W., Black River Falls, Wis. Shears. 2,129,352; Sept. 6.
Harbor Plymouth Corporation. (See Iben, Hajo B., assignor.)
Harder Refrigerator Corporation. (See Andros, Charles H., assignor.)
Hardwicke-Etter Company. (See Streun, John A., assignor.)
Harley, Erskine P., Oklahoma City, Okla. Seat pad and cushion. 2,129,353; Sept. 6.
Harmon, Herbert H., assignor to Eastman Kodak Company, Rochester, N. Y. Shutter actuator. 2,129,210; Sept. 6.
Harnischfeger Corporation. (See Ferguson, Berlin S., assignor.)
Harper, William A. (See Frank, H. J. L., and Harper.)
Harris, James D., Waban, Mass. Repair link. 2,129,354; Sept. 6.
Hartmann, August, and J. Uytenbogaart, Berlin-Lichterfelde, Germany, assignors to North American Rayon Corporation. Drying artificial filaments. 2,129,273; Sept. 6.
Hartmann, August, and J. Uytenbogaart, Berlin-Lichterfelde, Germany, assignors to North American Rayon Corporation. Treating artificial filaments and apparatus therefor. 2,129,274; Sept. 6.
Hartzell, Albert, F. Wilcoxon and W. J. Youden, assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y. Fumigation. 2,129,275; Sept. 6.
Harvey, Leonard L., et al. (See Whitetree, Alva E., assignor.)
Harz, Walter, Dormagen-on-the-Rhine, and W. Schieber, Berlin, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of threads, bands, films, and the like. 2,129,213; Sept. 6.
Hassenfeld, Henry J., Providence, R. I. Container for pencils and the like. 2,129,175; Sept. 6.
Haubursin, Richard. (See Goad, L. C., Haubursin, and Beekman.)
Hauch, Henry G., assignor to Ferro Enameling Company, Oakland, Calif. Building construction. 2,129,423; Sept. 6.
Hauck, William L., Breton Woods, Osbornsville, N. J. Control equipment storage cabinet. 2,129,495; Sept. 6.
Heath, Oran. (See Perrin, Lloyd J., assignor.)
Heck, George L., Chicago, Ill. Fan and blower. 2,129,468; Sept. 6.
Hedden, Charles A., Union, N. J. Transformer for a metal locator. 2,129,058; Sept. 6.
Hedges, James S., Rye, N. Y. Weighing device. 2,129,469; Sept. 6.
Heliesen, Leif G., Stockholm, Sweden. Amusement apparatus. 2,129,470; Sept. 6.
Hemming, Carl H., New Haven, Conn. Handle. 2,129,355; Sept. 6.
Henke, Clyde O., Wilmington, Del., and G. Etzel, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing camphene. 2,129,323; Sept. 6.
Henkel, Erich. (See Williams, A., Mourne, and Henkel.)
Herbster, George, Cleveland, and J. Bocvar, Wickliffe, assignors to The Cleveland Cooperative Stove Company, Cleveland, Ohio. Air heating and conditioning unit. 2,129,059; Sept. 6.
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Caster. 2,129,579; Sept. 6.
Herr, Franz, Luneburg, assignor, by mesne assignments, to Niederrheinische Maschinenfabrik Becker & Van Hüllen, Krefeld-Uerdingen-on-the-Rhine, Germany. Press for connecting veneer or similar strips. 2,129,276; Sept. 6.
Heslep, Clarence O., Peterstown, W. Va. Differential bearing for trucks. 2,129,580; Sept. 6.
Hess, Alfred I. (See Crouch, W. W., and Hess.)
Heymer, Gerd. (See Eggert, J., and Heymer.)
Hickl, John, Elmaton, Tex. Building block. 2,129,211; Sept. 6.
Hill, Robert H., Anderson, assignor to Warner Machine Products, Inc., Muncie, Ind. Indicating hydrometer. 2,129,617; Sept. 6.
Hitchcock, Forest B. (See Preston, N. D., and Hitchcock.)
Hitchcock, Albert E. (See Zimmerman, P. W., and Hitchcock.)
Hoe, R., & Co. (See Horton, Albert J., assignor.)
Hoffman-La Roche Inc. (See Elger, Franz, assignor.)
Hoffman Specialty Company. (See Lincoln, Roland L., assignor.)
Hoffmann, Daniel C., Philadelphia, Pa., assignor to General Electric Company. Control system. 2,129,528; Sept. 6.
Holden, John A., Baltimore, Md. Commercial mailing form. 2,129,581; Sept. 6.
Holland, Henry V., Westfield, N. J., assignor to The International Postal Supply Company, Brooklyn, N. Y. Lock. 2,129,324; Sept. 6.
Hollenback, George M., Los Angeles, Calif. Dental device. 2,129,212; Sept. 6.
Hollingsworth, Alice, New York, N. Y. Fingernail protector for switchboard operators. 2,129,496; Sept. 6.
Holman, Sidney N., Pittsburgh, Pa. Hobbyhorse. 2,129,176; Sept. 6.
Holmes Electric Protective Company. (See Chase, L. H., and London, assignors.)
Holter, Alfred, Oslo, Norway. Producing dilation slots in concrete road surfaces. 2,129,325; Sept. 6.
Hood, Joseph T., assignor to P. R. Mallory & Co. Inc., Indianapolis, Ind. Electrolytic condenser. 2,129,089; Sept. 6.
Hood Rubber Company. (See Glancy, Warren E., assignor.)
Hoover, James E., Oklahoma City, Okla. Gas lift pump. 2,129,090; Sept. 6.
Hopkins, Albert S. J., Amherstdale, W. Va. Drier. 2,129,214; Sept. 6.
Hoppe, Alfred. (See Grote, W., and Hoppe.)
Horn, Erwin A., assignor to I. F. Laucks, Seattle, Wash. Spline panel joint. 2,129,497; Sept. 6.
Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Web supply mechanism for printing machines. 2,129,618; Sept. 6.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,129,619; Sept. 6.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,129,620; Sept. 6.
Howard, Alan, Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine turning mechanism. 2,129,529; Sept. 6.
Howard, Julius G. (See George, H. F., and Howard.)
Howse, Curtis L., and H. E. Brelsford, Birmingham, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Fluid treating apparatus. 2,129,215; Sept. 6.
Hoyt, Karl R., North Hollywood, Calif., assignor to Telco Corp. Picture film color controlling apparatus. 2,129,060; Sept. 6.
Hudec, Erich, Berlin, Germany. Braun tube. 2,129,005; Sept. 6.
Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Direct casting of sheet-like metal structures. 2,128,941; Sept. 6.
Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Direct casting apparatus. 2,128,942; Sept. 6.
Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Formation of encased structures by direct casting. 2,128,943; Sept. 6.
Hughes, Henry, & Son Limited. (See Sproule, Donald O., assignor.)
Hunter, Archibald S., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pellicle and the manufacture thereof. 2,129,131; Sept. 6.
Hunter, Archibald S., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Article of manufacture and producing same. 2,129,132; Sept. 6.
Hunter, Percival, Jr., Chicago, Ill., assignor to The Oxweld Railroad Service Company. Apparatus for heat treating rails. 2,129,552; Sept. 6.
I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Heymer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Harz, W., and Schieber, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Lommel, W., and Engelhardt, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Mueller-Cunradi, M., and Uloth, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Söll, Julius, assignor.)
Iben, Hajo B., assignor to Harbor Plywood Corporation, Hoquiam, Wash. Veneer gauge for clippers. 2,129,133; Sept. 6.
Ilex Optical Company. (See Brueck, Theodore M., assignor.)
Illinois Tool Works. (See Olson, Carl G., assignor.)
Imperial Chemical Industries Limited. (See Linstead, R. P., and Dent, assignors.)
Imperial Chemical Industries Limited. (See Lodge, F., and Lumsden, assignors.)
Imperial Chemical Industries Limited. (See Taylor, J., and Young, assignors.)
Imperial Chemical Industries Limited. (See Waterman, H. I., and Van Vlodrop, assignors.)
Imperial Chemical Industries Limited. (See Williams, V. H., and Foster, assignors.)
Industrial Rayon Corporation. (See Brooks, George F., assignor.)
Ingersoll Milling Machine Company, The. (See Oberhoffken, Alexander, assignor.)
Inland Container Corporation. (See Bomberger, George E., assignor.)
Inman, Harry A., Newark, N. Y. Box erecting appliance. 2,129,177; Sept. 6.
Interchemical Corporation. (See Jeuck, Francis J., assignor.)
International Postal Supply Company, The. (See Holland, Henry V., assignor.)
International Projector Corporation. (See Kindelmann, A., Pearlman, and Ostrander.)
Ironsides Company, The. (See Hall, James F., assignor.)
Ismert-Hincke Milling Company. (See Talmage, Floyd L., assignor.)
J. & A. Sales Co. (See Reynolds, Richard S., assignor.)
Jacobson, Erik W., Chicago, Ill. Flue cleaner. 2,129,091; Sept. 6.

Jay, Steven J., Detroit, Mich. Arch support. 2,129,424; Sept. 6.

Jenkings, George O., Company. (See Richter, Herman W., assignor.)

Jenks, Ransaeller J., Lewiston, Idaho. Clothes drier. 2,129,425; Sept. 6.

Jenks, Ransaeller J., Lewiston, Idaho. Rotatable clothes drier. 2,129,426; Sept. 6.

Jepertinger, Richard C., Milwaukee, assignor, by mesne assignments, to Modine Manufacturing Company, Racine, Wis. Air conditioning system. 2,129,427; Sept. 6.

Jeuck, Francis J., Battle Creek, Mich., assignor to Interchemical Corporation. Apparatus for setting printing ink. 2,129,277; Sept. 6.

Johansson, Carl J., Savedalen, Sweden. Attaching an opening member to a container. 2,129,583; Sept. 6.

Johansson, Ebbe A. I., Smalandsstenar, Sweden. Measuring tape. 2,129,582; Sept. 6.

Johnson, A., & Co. (See Kalling, B. M. S., and Paulsson.)

Johnson, Arthur A., assignor to Automatic Devices Corporation, Bridgeport, Conn. Electric cigar lighter. 2,129,374; Sept. 6.

Johnson, Carl G. (See Wallin, F. E. A., and K. T. and C. G. Johnson.)

Johnson, Chester F., Los Angeles, Calif. Brake equalizer. 2,129,061; Sept. 6.

Johnson, Edward E., assignor to Edward E. Johnson, Incorporated, St. Paul, Minn. Flat screen. 2,129,428; Sept. 6.

Johnson, Edward E., Incorporated. (See Johnson, Edward E., assignor.)

Johnson Fare Box Company. (See Baur, J. W., Van Zuilen, and Rogier, assignors.)

Johnson, Frank W. (See Downing, F. B., and Johnson.)

Johnson, John J., Dallas, Tex. Photographic apparatus. 2,129,326; Sept. 6.

Johnson, Kurt T. (See Wallin, F. E. A., and K. T. and C. G. Johnson.)

Johnson, William F., London, assignor to Mentmore Manufacturing Co. Limited, Hackney, London, England. Fountain pen. 2,129,134; Sept. 6.

Johnston, Mordica O., Glendale, Calif. Equalizing valve. 2,129,216; Sept. 6.

Jones, Harry S., Chicago, Ill. Writing pad. 2,129,375; Sept. 6.

Jones, Webster N., Pittsburgh, Pa., assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 2,128,944; Sept. 6.

Jones, Webster N., Pittsburgh, Pa., assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 2,128,945; Sept. 6.

Jones, Webster N., Pittsburgh, Pa., assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 2,129,135; Sept. 6.

Jordan, Henry E., Los Angeles, Calif. Car wheel. 2,129,178; Sept. 6.

Juengst, Henry, New Rochelle, N. Y. Hair drying apparatus. 2,129,471; Sept. 6.

Jwanouskos, Joseph J., Jr., St. Paul, G. C. Lundgren, Minneapolis, and J. D. Swan, Jr., North St. Paul, assignors to J. J. Jwanouskos, Sr., St. Paul, Minn. Ignition cut-out. 2,129,062; Sept. 6.

Jwanouskos, Joseph J., Sr. (See Jwanouskos, J. J., Jr., Lundgren, and Swan, assignors.)

Kahler, John E., Kankakee, Ill. Swatter gun. 2,129,217; Sept. 6.

Kahn, Albert C., Tomahawk, Wis. Front facing oarlock. 2,129,006; Sept. 6.

Kali-Chemie Aktiengesellschaft. (See Würstlin, Karl, assignor.)

Kali-Chemie Aktiengesellschaft. (See Würstlin, K., and Grabbe, assignors.)

Kalling, Bo M. S., Djursholm, and N. A. V. Paulsson, Avesta, assignors to A. Johnson & Co., Stockholm, Sweden. Apparatus for electrically treating material in rotary furnaces. 2,129,007; Sept. 6.

Kataja, Niilo, Mount Vernon, N. Y. Knitting machine needle. 2,129,327; Sept. 6.

Kater, Joseph A., Teaneck, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Condenser. 2,129,008; Sept. 6.

Katzman, Morris B., Chicago, Ill. Tetraphosphoric acid esters. 2,128,946; Sept. 6.

Kearney, James R., Corporation. (See Froland, Olav, assignor.)

Keeler, Frank W., Flint, Mich. Garter. 2,129,092; Sept. 6.

Keller, Ferdinand, and W. Koch, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Solid diazonium salt. 2,129,136; Sept. 6.

Kelly, Francis L., Glendale, Calif. Button snap. 2,129,356; Sept. 6.

Kelly, Harold J., Des Moines, Iowa. Husking hook. 2,129,218; Sept. 6.

Kendall, Genevieve A. (See Kendall, Ira H., assignor.)

Kendall, Ira H., assignor to G. A. Kendall, Potsdam, N. Y. Can turning machine. 2,129,137; Sept. 6.

Kent, Everett E., et al. (See Estes, Joseph H., assignor.)

Ketchpel, Paul A., West Englewood, N. J., assignor, by mesne assignments, to The Standard Stoker Company, Inc. Fuel distributor. 2,129,278; Sept. 6.

Kharasch, Morris S., Chicago, Ill., assignor to Eli Lilly and Company, Indianapolis, Ind. Oil-soluble mercurials and making them. 2,129,376; Sept. 6.

Kjems, Holger L. P., assignor to A. J. H. Kongsted, Copenhagen, Denmark. Recovery of hormones. 2,129,584; Sept. 6.

Kimble Glass Company. (See Greene, Joseph F., assignor.)

Kind, Oscar, Rodenkirchen, near Cologne, Germany. Wire tying machine. 2,129,063; Sept. 6.

Kindelmann, Albert, Floral Park, and J. Pearlman, New York, N. Y., and W. Ostrander, Roselle Park, N. J., assignors to International Projector Corporation, New York, N. Y. Claw and registration pin mechanism. 2,129,093; Sept. 6.

Kingman, Russell B., Orange, assignor to Metal Textile Corporation, West Orange, N. J. Scouring implement. 2,129,279; Sept. 6.

Kinzie, Charles J., and E. Wainer, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Preparation of dititanosotitanic-carboxide. 2,129,161; Sept. 6.

Klamket Corporation. (See Catini, Vincenzo, assignor.)

Kleimenhagen, Karl, La Salle, Ill., assignor to Carus Chemical Company. Preparation of hydroquinone from quinone. 2,129,429; Sept. 6.

Klein, Hermann, Stuttgart-Feuerbach, assignor to Robert Bosch Gesellschaft mit beschrankter Haftung, Stuttgart, Germany. Starting device for internal combustion engines. 2,128,947; Sept. 6.

Kleinman, Jacob L., New York, N. Y. Tennis set. 2,128,948; Sept. 6.

Klema, Frank M., Racine, Wis. Speed change mechanism. 2,129,138; Sept. 6.

Klema, Frank M., Racine, Wis. Speed change mechanism. 2,129,139; Sept. 6.

Knight, Laurel, Amityville, N. Y. Glider swing. 2,129,140; Sept. 6.

Knox, Harry A., Davenport, Iowa, and H. W. Evans, Wilkes-Barre, Pa. Turret mounting. 2,128,949; Sept. 6.

Koch, Herbert. (See Fischer, F., and Koch.)

Koch, Wilhelm. (See Keller, F., and Koch.)

Koga, Moichiro, Tokyo, Japan. Method and apparatus for manufacturing feather cottons. 2,129,219; Sept. 6.

Kokay, Stephen, assignor to Ditto, Incorporated, Chicago, Ill. Moistener for duplicating machines. 2,129,179; Sept. 6.

Kongsted, August J. H. (See Kjems, Holger L. P., assignor.)

Kränzlein, George, E. Diefenbach, and F. Eggert, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Aminoanthraquinone compounds. 2,129,141; Sept. 6.

Krein, Frederick T., and T. H. Alfreds, Park Ridge, assignors to Dixie-Vortex Company, Chicago, Ill. Conical paper cup. 2,129,498; Sept. 6.

Krepistman, Morris, New York, N. Y. Permanent wave protector. 2,129,430; Sept. 6.

Kriwat, Hans, Brunswick-Gliesmarode, Germany. Nut locking device. 2,129,009; Sept. 6.

Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for applying enamel to can bodies. 2,129,220; Sept. 6.

Kuentzel, Ward E., Whiting, Ind., T. A. Geissman, Minneapolis, Minn., and H. R. Batchelder, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Improving motor fuel. 2,129,142; Sept. 6.

Kurz, Fred, assignor to Sangamo Electric Company, Springfield, Ill. Polyphase watt-hour meter construction. 2,129,010; Sept. 6.

Lake, Harry E., Flushing, N. Y., assignor to Barber-Colman Company, Rockford, Ill. System of control for burners. 2,129,094; Sept. 6.

La Londe, Thomas J., et al. (See Whitetree, Alva E., assignor.)

Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Arc detector and suppressor. 2,129,143; Sept. 6.

Lamberty, Frederick R., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,129,011; Sept. 6.

Lambin, Charles F., Montreal, Quebec, Canada. Rotary engine. 2,129,431; Sept. 6.

La Monte, George, & Son. (See Simons, F. L., and Weiss, assignors.)

Lamson Company, The. (See Taylor, William J., assignor.)

Lancaster, Graham H., assignor to Lancaster Inc., Los Angeles, Calif. Liquid meter. 2,129,144; Sept. 6.

Lancaster Inc. (See Lancaster, Graham H., assignor.)

Lancaster Processes Inc. (See Robinson, Thomas, assignor.)

Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,129,499; Sept. 6.

Lane-Wells Company. (See Anderson, Alexander, assignor.)

Lange, Max E., Cleveland Heights, and N. P. Darash, assignors to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,128,950; Sept. 6.

Lange, Max E., and J. J. N. Van Hamersveld, Cleveland Heights, assignors to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,129,280; Sept. 6.

Lanyon, Samuel H., Oakland, Calif. Furnace wall construction. 2,129,328; Sept. 6.

Laucks, I. F. (See Horn, Erwin A., assignor.)

Lavett, Charles O., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Liquor feed for drum driers. 2,129,329; Sept. 6.

Lavine Gear Company. (See Twyman, B. Wickliffe, assignor.)

Lazow, Morris, Brooklyn, N. Y. Apparel apparatus. 2,129,147; Sept. 6.

Leatherman, Martin, Hyattsville, Md., dedicated to the free use of the People of the United States of America. Paper propagating pot. 2,129,190; Sept. 6.

Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Meyer, assignors.)

Leduc, Henri A. (See Dufour, R. A., and Leduc.)

Leenards, Antoine, Antwerp, Belgium, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Making spot caps. 2,129,330; Sept. 6.

Leland, Wesley F., assignor to Western Casket Hardware Company, Elgin, Ill. Handle. 2,129,095; Sept. 6.

Leverenz, Humboldt W., Collingswood, N. J., assignor to Radio Corporation of America. Luminescent material and preparing same. 2,129,096; Sept. 6.

Levine, Jesse, New York, N. Y. Tag. 2,129,500; Sept. 6.

Levine, Meyer. (See Rubenstein, S., and Amazon, assignors.)

Leviton, Abraham, Washington, D. C., assignor to Secretary of Agriculture of the United States of America and his successors in office. Recovery of a soluble protein powder from whey. 2,129,222; Sept. 6.

Lewando, Felix J., South Boston, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,129,064; Sept. 6.

Lewis, Howard B., assignor to Pateo, Inc., Los Angeles, Calif. Overhead door. 2,129,221; Sept. 6.

Lewis Invisible Stitch Machine Company. (See Bowman, Louis G., assignor.)

Lewis, Leroy M., Rosemont, Pa. Automatic sprinkler. 2,129,012; Sept. 6.

Libbey Glass Company. (See Schneider, Henry W., assignor.)

Libovitz, Hyman, Newark, W. Mueller, Union, N. J., and W. Pfeiffer, Jackson Heights, N. Y., assignors to Allegro Company. Polishing compound. 2,129,377; Sept. 6.

Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Thiazyl mercaptide derivatives. 2,129,621; Sept. 6.

Lillie, Arthur C., Los Angeles, Calif. Side windshield. 2,128,951; Sept. 6.

Lilly, Eli, and Company. (See Kharasch, Morris S., assignor.)

Lincoln, Bert H., and G. D. Byrkit, assignors to Continental Oil Company, Ponca City, Okla. Lubricating oils. 2,129,281; Sept. 6.

Lincoln, Roland L., assignor to Hoffman Specialty Company, Waterbury, Conn. Self cleaning spray nozzle. 2,129,145; Sept. 6.

Linsley, Douglas F. (See Carter, P. M., and Linsley.)

Linstead, Reginald P., London, and C. E. Dent, Manchester, England, assignors to Imperial Chemical Industries Limited. Copper monochlorophthalocyanine and making it. 2,129,013; Sept. 6.

Lionel Corporation, The. (See Bonanno, Joseph L., assignor.)

Lipp, Walter R., Mifflin Township, Allegheny County, Pa. Separable joint. 2,129,432; Sept. 6.

Little, Arthur D., Incorporated. (See Crocker, Ernest C., assignor.)

Littlefield, Edgar E., Los Angeles, Calif. Electrical controlling apparatus and method. 2,129,331; Sept. 6.

Locke, Earl E., Utica, Ill. Advertising device. 2,129,585; Sept. 6.

Lodge, Frank, and C. H. Lumsden, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Dyestuffs of the anthracene series. 2,129,014; Sept. 6.

Loewe, Siegmund, Berlin, Germany. Braun tube. 2,129,015; Sept. 6.

Loewe, Siegmund, Berlin, Germany. Multigrid tube. 2,129,016; Sept. 6.

Lommel, Wilhelm, Leverkusen-Wiesdorf, and R. Engelhardt, Leverkusen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Insulating dielectric media. 2,129,146; Sept. 6.

Long, Elmer C., Grosse Pointe Park, Mich. Piston for internal combustion motors. 2,129,180; Sept. 6.

Loop, Joseph N., Washington, D. C. Apparatus for printing characters. 2,129,065; Sept. 6.

Loudon, Clifford L. (See Chase, L. H., and Loudon.)

Luce, Richard W., Westfield, N. J., assignor to Signal Service Corporation. Reflecting unit. 2,129,017; Sept. 6.

Lumsden, Colin H. (See Lodge, F., and Lumsden.)

Lund, Nels B. (See Fischer, A. J., and Lund.)

Lundgren, Gustav C. (See Jwanouskos, J. J., Jr., Lundgren, and Swan.)

Lynch Corporation. (See Bridges, Edward G., assignor.)

Lysholm, Alf and E. L. R., assignors to Aktiebolaget Milo, Stockholm, Sweden. Ignition system. 2,129,472; Sept. 6.

Lysholm, Erick L. R. (See Lysholm, Alf and E. L. R.)

MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Blow-out preventer. 2,129,433; Sept. 6.

MacClatchie Manufacturing Company of California. (See MacClatchie, John W., assignor.)

Macomber, Clarence H., administrator. (See Bass, S. L., and Van Duzee.)

Maier-Bode, Hans. (See Rieche, A., Maier-Bode, and Eckhardt.)

Mallory, P. R., & Co. Inc. (See Hood, Joseph T., assignor.)

Manchester, Frank H., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Flooring material and making same. 2,129,622; Sept. 6.

Mann, Gordon, Winchester, Mass. Fitted shoe packing box. 2,129,501; Sept. 6.

Marbon Corporation. (See Gebauer-Fuelbegg, E., and Moffett, assignors.)

Marden, John W., East Orange, and G. Meister, Newark, N. J., assignors, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Mercury vapor lamp. 2,129,357; Sept. 6.

Mareta, Joseph, Marseilles, Ill. Seasoning poultry. 2,128,952; Sept. 6.

Maro Corporation. (See Ross, Aylmer O., assignor.)

Marquette Cement Manufacturing Company. (See Miller, Arthur F., assignor.)

Marsden, George P. (See Stebler, F., and Marsden.)

Martin, Allan F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Arc lamp. 2,129,530; Sept. 6.

Martin, Alfred M., Park Ridge, Ill. Loose leaf binder. 2,129,223; Sept. 6.

Martin, Alfred M., Park Ridge, Ill. Loose leaf device. 2,129,224; Sept. 6.

Martin, Charles H., et al. (See Morris, James H., assignor.)

Martin, Fred P., et al. (See Morris, James H., assignor.)

Martini, Paul M., Jr., Maspeth, N. Y. Pocket wallet protector. 2,129,018; Sept. 6.

Martin-Parry Corporation. (See Buquor, Adolph P., assignor.)

Mastini, Domenico, Rome, Italy. Telephone system. 2,129,332; Sept. 6.

Mathieson Alkali Works, Inc., The. (See Cunningham, George L., assignor.)

Mayes, Thomas J., Ironton, Mo. Battery-post connecter. 2,129,333; Sept. 6.

McCollum, Henry J. D. (See McCollum, James H. K. and H. J. D.)

McCollum, James H. K. and H. J. D., Long Branch, N. J., assignors to A. Parker-Smith, New York, N. Y. Vacuum power clutch. 2,129,358; Sept. 6.

McCreary, Harold J., Genoa, Ill., assignor to Chicago Television & Research Laboratories, Inc. Liquid distribution apparatus. 2,129,502; Sept. 6.

McGogy, Donald H., McMinnville, Oreg. Thermostatically controlled variable speed device. 2,129,066; Sept. 6.

McIntyre, Ernest L., Sapulpa, Okla. Rod line coupler. 2,129,067; Sept. 6.

McLagan, George E., assignor to Abegg & Reinhold Company, Los Angeles, Calif. Tubing blow-out preventer. 2,129,531; Sept. 6.

McPeak, Dorsey G., Crivitz, Wis. Razor stropping mechanism. 2,129,378; Sept. 6.

Mednick, Leo, Philadelphia, Pa. Furniture slip cover. 2,129,225; Sept. 6.

Meinholdt, Charles L., et al. (See Morris, James H., assignor.)

Meister, George. (See Marden, J. W., and Meister.)

Melton, Romie L. (See Benner, R. C., and Melton.)

Mentmore Manufacturing Co. Limited. (See Johnson, William F., assignor.)

Metal Textile Corporation. (See Kingman, Russell B., assignor.)

Metrawatt Aktiengesellschaft Fabrik Elektrischer Messgeraete. (See Bernhard, A., and Beyrich, assignors.)

Meyer, Walter R. (See Groene, W. F., and Meyer.)

Miller, Arthur F., Jackson, Mich., assignor to Marquette Cement Manufacturing Company. Rock wool blow chamber. 2,129,434; Sept. 6.

Miller, Edward T., Dallas, Tex. Locking mechanism. 2,129,228; Sept. 6.

Miller, Harry J., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Container. 2,128,953; Sept. 6.

Minneapolis-Honeywell Regulator Company. (See Hajek, William J., assignor.)

Mishawaka Rubber and Woolen Manufacturing Company. (See Schott, John F., assignor.)

Mitton, Glenn T., Toronto, Ontario, Canada. Denture brush. 2,129,306; Sept. 6.

Modine Manufacturing Company. (See Jepertinger, Richard C., assignor.)

Moffett, Eugene W. (See Gebauer-Fuelnegg, E., and Moffett.)

Mojonnier Bros. Co. (See Mojonnier, Oliver W. and H. G., assignors.)

Mojonnier, Harry G. (See Mojonnier, Oliver W. and H. G.)

Mojonnier, Oliver W., River Forest, and H. G. Mojonnier, Oak Park, Ill., assignors to Mojonnier Bros. Co. Heat exchange element. 2,129,473; Sept. 6.

Mollan, Malcolm, Otis, Mass. Antitheft bulb and socket. 2,129,379; Sept. 6.

Möller, Waldemar, Rechlin, near Mirow, Germany, assignor to Askania-Werke A. G. vormals Central Werkstatt Dessau und Carl Bamberg-Friedenau. Gyroscopic instrument. 2,129,586; Sept. 6.
Money, Roland H., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Temperature control for refrigerators. 2,129,474; Sept. 6.
Montano, Elizabeth, Coronado, Calif. Foot protector against sting ray. 2,129,226; Sept. 6.
Montgomery, Richard B., Derby, assignor to The American Brass Company, Waterbury, Conn. Hot workable bronze. 2,128,954; Sept. 6.
Montgomery, Richard B., Derby, assignor to The American Brass Company, Waterbury, Conn. Hot workable phosphor bronze. 2,128,955; Sept. 6.
Moo, Gothard T., Auburn, R. I., assignor to Brown & Sharpe Manufacturing Company. Lubrication of swivel heads. 2,129,307; Sept. 6.
Moore, Howard N. (See Sands, W. H., and Moore.)
Morand, Donald A., Portland, Oreg. Drawer pull. 2,129,475; Sept. 6.
Morgan, David W. R., Swarthmóre, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling apparatus. 2,129,097; Sept. 6.
Morgan, Horace H., Detroit, Mich., assignor to The Webster M'f'g Company, Chicago, Ill. Chain conveyer. 2,129,380; Sept. 6.
Morris, James H., assignor of one-fourth to C. L. Meinholdt, one-half to F. P. Martin, and one-fourth to C. H. Martin, Topeka, Kans. Power actuated mechanism for adjusting the sickle of a mowing machine. 2,129,435; Sept. 6.
Morrison, Willard L., Lake Forest, Ill. Radiator shell. 2,128,957; Sept. 6.
Morse, Carrie E., administratrix. (See Morse, Robert B.)
Morse, Richard S., assignor to Eastman Kodak Company. Rochester, N. Y. Sound reproducing apparatus. 2,129,227; Sept. 6.
Morse, Robert B., deceased, Hyattsville, Md., by C. E. Morse, administratrix. Liquid purification plant. 2,129,181; Sept. 6.
Moss, Douglas G. K., Sanderstead, England. Gyroscopic navigational instrument. 2,128,956; Sept. 6.
Mourne, John E. (See Williams, A., Mourne, and Henkel.)
Mueller-Cunradi, Martin, and R. Uloth, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Refining mineral lubricating oils. 2,128,958; Sept. 6.
Mueller, Walter. (See Libovitz, H., Mueller, and Pfeiffer.)
Mulieri, Michael A., New York, N. Y. Traffic guide. 2,129,503; Sept. 6.
Multipost Company. (See Gay, Azel, assignor.)
Multiposter Advertising Corporation. (See Roberts, Charles, assignor.)
Mulvihill, Daniel C., Hannibal, Mo., assignor to Hannibal Car Wheel and Foundry Company. Wheel cleaning and dust allaying device. 2,129,019; Sept. 6.
Mureau, Charles A. (See Eastley, Mona V., assignor.)
Murphy, Francis M. G., Chelmsford, England, assignor to Radio Corporation of America. Modulated carrier wave receiver. 2,129,020; Sept. 6.
Murray, Chauncey A., Reliance, Wyo. Key holder. 2,129,436; Sept. 6.
Murray Corporation of America, The. (See Haberstump, Alfred H., assignor.)
Myers, Harry R., Zanesville, Ohio. Machine for cementing patches on shoe soles. 2,129,437; Sept. 6.
N. V. Philips' Gloeilampenfabrieken. (See Boumeester, Huibert G., assignor.)
Nachman Spring-Filled Corporation. (See Schob, Anthony J., assignor.)
Nagel, Hugo, Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Camera with range finder. 2,129,229; Sept. 6.
National Aniline & Chemical Company. (See Crowell, Joyce H., assignor.)
National Battery Company. (See Fuhrmann, Alvin O., assignor.)
Neptune Meter Company. (See Bachmann, Charles, assignor.)
Neunherz, Herbert W., Gardner, Mass. Bed couch. 2,129,532; Sept. 6.
Neunherz, Herbert W., Gardner, Mass. Crib side lock. 2,129,533; Sept. 6.
Neville Company, The. (See Carmody, William H., assignor.)
Nevius, Condict M., Hornell, N. Y. Coffee brewing device. 2,129,587; Sept. 6.
New Process Mining Corp. (See Slaughter, James A., assignor.)
New Type Air Compressor Company. (See Hale, William B., assignor.)
Newell, Heber L., Stratford, Conn., assignor to General Electric Company. Elastic fluid turbine turning mechanism. 2,129,534; Sept. 6.
Nicholls, Henry M., Chicago, Ill., assignor to American Can Company, New York, N. Y. Container. 2,128,959; Sept. 6.
Nicholson, Madison G., Jr., East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Automatic volume control. 2,129,021; Sept. 6.
Nickerson, Stacy M., Newton, Mass. Hardened shank stiffener with clincher prongs. 2,129,588; Sept. 6.
Nicol, William H., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Rayon treatment. 2,129,623; Sept. 6.
Niederrheinische Maschinenfabrik Becker & Van Hüllen. (See Herr, Franz, assignor.)
Nisenson, Julius, Brooklyn, N. Y. Adjustable cord lock. 2,129,606; Sept. 6.
Nitsche, Walter A., South Omaha, Nebr. Convertible vehicle body. 2,129,438; Sept. 6.
Noble, Warren, Michigan City, Ind., assignor, by mesne assignments, to Cardox Corporation. Anchoring means. 2,129,439; Sept. 6.
North American Rayon Corporation. (See Hartmann, A., and Uytenbogaart, assignors.)
North American Rayon Corporation. (See Uytenbogaart, Johannes, assignor.)
Northen, Charles, Orlando, Fla. Plant food. 2,129,334; Sept. 6.
Oberhoffken, Alexander, assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Milling machine. 2,128,960; Sept. 6.
Oftedal, Maurice S., and W. S. Dykeman, Chicago, Ill.; said Dykeman assignor to said Oftedal. Threshold construction. 2,129,381; Sept. 6.
O'Laverty, James, et al. (See Vanderpoel, Albert G. H., assignor.)
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Screw. 2,129,440; Sept. 6.
Olson, Carl W. (See Colomy, Roy H., assignor.)
O'Neil, James H., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Double sheet ejector. 2,129,230; Sept. 6.
Orr, William S. (See Dumas, M. G., and Orr.)
Osberghaus, Walter, Solingen, Germany. Double edged safety razor. 2,129,022; Sept. 6.
Ostrander, William. (See Kindelmann, A., Pearlman, and Ostrander.)
Otto, Karl F., Brookline, Pa. Building. 2,129,441; Sept. 6.
Owens-Illinois Glass Company. (See Busch, Frank B., assignor.)
Oxweld Railroad Service Company. (See Hunter, Percival, Jr., assignor.)
Pacher, Adolph C., East Hartford, Conn. Lathe dog. 2,129,476; Sept. 6.
Packard Motor Car Company. (See Best, Frank C., assignor.)
Packard Motor Car Company. (See Paton, Clyde R., assignor.)
Packer, Henry W., et al. (See Estes, Joseph H., assignor.)
Page, Albert E., Brooklyn, assignor to Scott & Williams, Incorporated, New York, N. Y. Independent needle knitting machine. 2,129,148; Sept. 6.
Page, James M., Jr., Casper, Wyo., assignor to Standard Oil Company, Chicago, Ill. Refining mineral lubricating oils. 2,129,282; Sept. 6.
Parker, Arthur L., Cleveland, Ohio. Selector valve. 2,129,231; Sept. 6.
Parker-Smith, A. (See Fisher, Adolph E., assignor.)
Parker-Smith, A. (See McCollum, James H. K., and H. J. D., assignors.)
Parks, Paul B., Oak Park, assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Adjustable metallic thermostat. 2,129,477; Sept. 6.
Parks & Woolson Machine Company. (See Richardson, Charles G., assignor.)
Patco, Inc. (See Lewis, Howard B., assignor.)
Patera, Anton J. (See Gorny, F. A., and Patera.)
Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,129,232; Sept. 6.
Patterson, Gordon D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated product and process whereby prepared. 2,128,961; Sept. 6.
Patterson, Gordon D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated objects. 2,128,962; Sept. 6.
Patton, Inman L., Eldorado, Ill. License plate holder. 2,129,149; Sept. 6.
Paulsson, Nils A. V. (See Kalling, B. M. S., and Paulsson.)
Paxton, Hale, Santa Ana, assignor to Food Machinery Corporation, San Jose, Calif. Box lidder feed. 2,128,963; Sept. 6.
Pearlman, Julius. (See Kindelmann, A., Pearlman, and Ostrander.)
Pearson, Henry N., St. Louis, Mo. Detachable heel. 2,129,099; Sept. 6.
Peerless Weighing and Vending Machine Corporation. (See Hakanson, Alfred, assignor.)
Peffers, Albert N., Ossining, N. Y. Bell ringing device for electric toy trains. 2,129,233; Sept. 6.
Pehlke, John, Detroit, Mich. Junction box mechanism. 2,129,442; Sept. 6.
Pekrol, John, assignor to S. Allocca, Newark, N. J. Brush holder. 2,129,150; Sept. 6.
People of the United States of America, Dedicated to the free use of the. (See Goodhue, Lyle D.)
People of the United States of America, Dedicated to the free use of the. (See Leatherman, Martin.)
Permatex Company. (See Benoit, Constant A., assignor.)
Perrin, Lloyd J., assignor to O. Heath, Casper, Wyo. Bacon rinder. 2,129,234; Sept. 6.

Perrine, Emmett B., Minneapolis, Minn. Fishing reel. 2,129,443; Sept. 6.
Peters, Rupert P. (See Gabbott, E. P., and Peters.)
Petricek, Gustav J. (See Sturm, F. A., and Petricek.)
Petroleum Conversion Corporation. (See Sachs, Albert P., assignor.)
Pfeiffer, William. (See Libovitz, H., Mueller, and Pfeiffer.)
Phillips Petroleum Company. (See Fitch, L. H., Jr., and Frey, assignors.)
Phillips Petroleum Company. (See Snow, Robert D., assignor.)
Pickup, George E., assignor, by mesne assignments, to Florence-Wehrle Stove Co., Newark, Ohio. Fluid control means. 2,129,100; Sept. 6.
Pityo, Albert F., Clifton, assignor to Tri State Cap & Cap Machinery Co., Inc., Newark, N. J. Web feeding mechanism. 2,128,964; Sept. 6.
Piwowarsky, Eugen, Aachen, Germany. Centrifugally casting pipes in chilled molds. 2,129,382; Sept. 6.
Pohl, Robert, Berlin, Germany, assignor to General Electric Company. Laminated core for electrical apparatus. 2,129,535; Sept. 6.
Poling, Clyde, assignor to West Virginia Lighting Co., Inc., Fairmont, W. Va. Electric light fixture. 2,129,335; Sept. 6.
Polk, Ralph, Jr., Haines City, Fla. Apparatus for segmenting integument free fruit segments. 2,129,101; Sept. 6.
Pommer, Erwin, Vienna, Austria. Capping device. 2,129,359; Sept. 6.
Poux, Noel J., assignor to Talon, Inc., Meadville, Pa. Machine for forming separable fasteners. 2,129,444; Sept. 6.
Praeger, Frank H., Tulsa, Okla., assignor, by mesne assignments, to Alcorn Combustion Company, Philadelphia, Pa. Method of and apparatus for heating oil or petroleum to elevated temperatures. 2,129,589; Sept. 6.
Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Train dispatching system for railroads. 2,129,182; Sept. 6.
Preston, Neil D., and F. B. Hitchcock, assignors to General Railway Signal Company, Rochester, N. Y. Centralized traffic control system. 2,129,183; Sept. 6.
Prindle, Karl E., Shaker Heights, assignor to The Dobeckmun Company, Cleveland, Ohio. Textile. 2,129,504; Sept. 6.
Purpura, August C., Chicago, Ill. Toaster. 2,129,360; Sept. 6.
Pyrene Manufacturing Company. (See Dodelin, Fred A., assignor.)
Pyroxylin Products, Inc. (See Trolander, E. W., and Wilson, assignors.)
Radioaktiengesellschaft D. S. Loewe. (See Schlesinger, Kurt, assignor.)
Radio Corporation of America. (See Farnham, Paul O., assignor.)
Radio Corporation of America. (See Foster, Dudley E., assignor.)
Radio Corporation of America. (See George, Douglas F., assignor.)
Radio Corporation of America. (See Leverenz, Humboldt W., assignor.)
Radio Corporation of America. (See Murphy, Francis M. G., assignor.)
Radio Corporation of America. (See Nicholson, Madison G., Jr., assignor.)
Radio Corporation of America. (See Roberts, Walter V., assignor.)
Radio Corporation of America. (See Weinberger, Julius, assignor.)
Radio Corporation of America. (See Young, Lloyd L., assignor.)
Rafter, Albert, Glen Ridge, assignor to Rafter Machine Company, Belleville, N. J. Stud and rafter. 2,129,624; Sept. 6.
Rafter, Albert, Glen Ridge, assignor to Rafter Machine Company, Belleville, N. J. Stud and rafter. 2,129,625; Sept. 6.
Rafter Machine Company. (See Rafter, Albert, assignor.)
Ragsdale, Earl J. W., Norristown, and A. G. Dean, Narberth, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail car body. 2,129,235; Sept. 6.
Railroad Accessories Corporation. (See Deems, Edward M., assignor.)
Ralston, Hurley D., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Work table. 2,129,384; Sept. 6.
Ranco Incorporated. (See Raney, Estel C., assignor.)
Randall, Meredith S., assignor to Woodall Industries Incorporated, Detroit, Mich. Laminated panel. 2,129,308; Sept. 6.
Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,129,151; Sept. 6.
Raybestos-Manhattan, Inc. (See Weaver, Jesse M., assignor.)
Reach, William F., Chicopee, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Golf club. 2,129,068; Sept. 6.
Reconstruction Finance Corporation. (See Ely, C. G., and Allen, assignors.)
Reda Pump Company. (See Arutunoff, Armais, assignor.)
Redcliffe, Frederick J., New York, N. Y. Match book. 2,129,102; Sept. 6.
Rehns, Frederick, Springfield, Mass., assignor to The American Metal Company, Limited, New York, N. Y. Treating impure lead and/or tin metal. 2,129,445; Sept. 6.
Reiber, Harold G. (See Blount, A. L., and Reiber.)
Reid, Eugene H., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 2,129,536; Sept. 6.
Renshaw, Percy B., Liverpool, assignor, by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England. Traffic control signal. 2,129,446; Sept. 6.
Richardson, Charles G., assignor to Parks & Woolson Machine Company, Springfield, Vt. Cloth shearing machine. 2,129,236; Sept. 6.
Reliable Electric Company, The. (See Buehring, William J., assignor.)
Reliable Electric Co. (See Fotsch, William G., assignor.)
Rensselaer Valve Company. (See Rowe, E. L., and Rutledge, assignors.)
Renz, Jany, assignor to the firm Chemical Works, formerly Sandoz, Basel, Switzerland. Manufacture of K-strophanthine-B. 2,129,285; Sept. 6.
Reynolds, Richard S., San Jose, Calif., assignor of one-half to J. & A. Sales Co. Valve mechanism for internal combustion engines. 2,129,024; Sept. 6.
Rheinmetall-Borsig Aktiengesellschaft Werk Borsig Berlin-Tegel, et al. (See Clar, Friedrich K., assignor.)
Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Ampere-squared-hour meter. 2,129,537; Sept. 6.
Richter, Herman W., assignor to George O. Jenkins Company, Bridgewater, Mass. Making leatherboard. 2,128,965; Sept. 6.
Riddell, John T., Chicago, Ill. Ball construction. 2,129,237; Sept. 6.
Riddell, John T., Chicago, Ill. Inflated ball and its manufacture. 2,129,238; Sept. 6.
Rieche, Alfred, Wolfen-Kreis Bitterfeld, and H. Maier-Bode and W. Eckardt, Dessau in Anhalt, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Insecticide. 2,129,025; Sept. 6.
Riehl, Theodore A., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Pneumatic tire. 2,129,626; Sept. 6.
Roberts, Charles, assignor to Multiposter Advertising Corporation, New York, N. Y. Display device. 2,129,023; Sept. 6.
Roberts, James H., Osceola, Ark. Pump packing means. 2,129,069; Sept. 6.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Tuning range adjustment device. 2,129,026; Sept. 6.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Receiver noise limiting circuit. 2,129,027; Sept. 6.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Automatic gain control circuit. 2,129,028; Sept. 6.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Automatic noise suppression circuits. 2,129,029; Sept. 6.
Robie, Norman P., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Coated abrasive article and making the same. 2,128,966; Sept. 6.
Robillard, Gaspard, assignor of one-half to O. Bisson, Montreal, Quebec, Canada. Machine for making cement blocks and the like. 2,129,162; Sept. 6.
Robinson, John D., Modesto, Calif. Stove. 2,129,371; Sept. 6.
Robinson, Thomas, Smithtown, assignor to Lancaster Processes Inc., New York, N. Y. Roofing element. 2,129,030; Sept. 6.
Rogier, Clarence F. (See Baur, J. W., Van Zuilen, and Rogier.)
Röhm & Haas Company. (See Röhm, Otto, assignor.)
Röhm & Hass Company. (See Russell, A., and Copenhaver, assignors.)
Röhm, Otto, Darmstadt, assignor to Röhm & Hass Company, Philadelphia, Pa. Polymerization process. 2,129,478; Sept. 6.
Roller, Robert, Haddonfield, N. J. Energized base for a cordless electric iron. 2,129,286; Sept. 6.
Rollmann, Hans. (See Szerenyi, A., and Rollmann.)
Rollmann, Kaufmann & Co., Société au nom collectif. (See Szerenyi, A., and Rollmann, assignors.)
Rook, Clay H. (See Rook, James A. and C. H.)
Rook, James A. and C. H., Los Angeles, Calif. Ignition device. 2,129,239; Sept. 6.
Rosenberg, Heyman, New York, N. Y. Damper control device. 2,129,505; Sept. 6.
Ross, Aylmer O., Conshohocken, Pa., assignor to Maro Corporation, New York, N. Y. Making seamless metallic containers by electrodeposition. 2,129,479; Sept. 6.
Ross, Ernest, Elmhurst, Long Island, assignor to United Research Corporation, Long Island City, N. Y. Grinding and polishing sprocket teeth. 2,129,031; Sept. 6.
Ross, John K., New York, N. Y. Television apparatus. 2,128,967; Sept. 6.
Röttinger, Michael, Mannheim, Germany. Signaling and lighting installation for motor vehicles. 2,129,070; Sept. 6.

Rowe, Ellis L., Round Lake, and E. A. Rutledge, North Troy, assignors to Rensselaer Valve Company, Cohoes, N. Y. Sectional hydrant or the like and breakable connection therefor. 2,129,032; Sept. 6.
Rowell, George S., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Planographic printing plate. 2,129,071; Sept. 6.
Roy, Louis C., Quebec, Quebec, Canada. Cabinet for loud-speakers. 2,129,184; Sept. 6.
Rubenstein, Samuel, and H. Amazon, New York, assignors of one-third to M. Levine, Brooklyn, N. Y. Knife grinding attachment. 2,129,538; Sept. 6.
Ruesenberg, Carl A., and M. Willene, Rockford, assignors to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,129,361; Sept. 6.
Russell, Alfred, and J. W. Copenhaver, assignors to Röhm & Hass Company, Philadelphia, Pa. Tanning material. 2,129,553; Sept. 6.
Russell, Alfred, and J. W. Copenhaver, assignors to Röhm & Hass Company, Philadelphia, Pa. Tanning material. 2,129,554; Sept. 6.
Rutishauser, Donald E., assignor to Zero Plate Corporation, Chicago, Ill. Refrigerator. 2,129,072; Sept. 6.
Rutledge, Eric A. (See Rowe, E. L., and Rutledge.)
Sachs, Albert P., assignor to Petroleum Conversion Corporation, New York, N. Y. Hydrocarbon oil conversion. 2,129,506; Sept. 6.
Salzberg, Paul L., Carrcroft, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalyst and catalytic process. 2,129,507; Sept. 6.
Sanborn, Paul H., Huntington, W. Va. Method and apparatus for molding articles. 2,129,240; Sept. 6.
Sander, Paul, assignor to the firm Chemnitzer Strickmaschinnen-Fabrik Akt. Ges., Chemnitz, Germany. Circular knitting machine. 2,129,103; Sept. 6.
Sands, William H., and H. N. Moore, Gambrills, Md. Dispensing device. 2,129,627; Sept. 6.
Sangamo Electric Company. (See Kurz, Fred, assignor.)
Sarazin, Raoul R. R., Saint-Prix, France. Apparatus for continuously measuring torques. 2,129,241; Sept. 6.
Sauer, Oskar, Philadelphia, Pa. Knitting. 2,129,385; Sept. 6.
Schafer, John V., assignor to Bronson Reel Company, Bronson, Mich. Fishing reel. 2,129,386; Sept. 6.
Schelot, Norbert G., and E. E. Vahle, St. Louis, Mo. Tool. 2,129,590; Sept. 6.
Schettler, Gustav A., Leeds, England, assignor to The Turner Tanning Machinery Company, Peabody, Mass. Ironing machine. 2,129,152; Sept. 6.
Schieber, Walther. (See Harz, W., and Schieber.)
Schienemann, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Alternating current measuring device. 2,129,287; Sept. 6.
Schirm, Erik, Dessau-in-Anhalt, Germany. Resinlike condensation-products. 2,129,153; Sept. 6.
Schlacht, Herman, Woodhaven, N. Y. Tubular watch-case. 2,129,480; Sept. 6.
Schleicher, Harold E., Elmwood, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Resettable switch. 2,129,592; Sept. 6.
Schiesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Cathode ray tube. 2,129,033; Sept. 6.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Wireless television receiver for talking television pictures. 2,129,034; Sept. 6.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television transmitter. 2,129,035; Sept. 6.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Tilting apparatus. 2,129,036; Sept. 6.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Detector. 2,129,037; Sept. 6.
Schmidt, William F., and T. J. Bresina, Chippewa Falls, Wis. Caisson. 2,129,336; Sept. 6.
Schneider, Charles H., Poquonock, Conn. Electric switch. 2,129,591; Sept. 6.
Schneider, Henry W., Toledo, Ohio, assignor to Libby Glass Company. Multicolor stenciling apparatus. 2,129,163; Sept. 6.
Schob, Anthony J., assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Mattress and spring assembly therefor. 2,129,038; Sept. 6.
Schoene, Kurt, Hamburg, Germany. Liquid pump. 2,129,073; Sept. 6.
Scholl, Clark, assignor to The Steel Products Engineering Company, Springfield, Ohio. Hopper for fuel stokers. 2,128,968; Sept. 6.
Schooley, Robert E., Buffalo, N. Y. Device for holding firecrackers and the like. 2,129,030; Sept. 6.
Schott, John F., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Making rubber articles. 2,129,607; Sept. 6.
Schreier, Curtis. (See Bottinger, F., and Schreier.)
Schuler, William N., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Shipping container for film magazines. 2,129,447; Sept. 6.
Schumann, Frank E., Chicago, Ill. Seat or the like. 2,129,481; Sept. 6.
Scott, Lloyd H., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magnetogenerator. 2,129,633; Sept. 6.
Scott & Williams, Incorporated. (See Page, Albert E., assignor.)
Scott & Williams, Incorporated. (See Sheppard, Harry N., assignor.)
Scovill Manufacturing Company. (See Tompkins, E. H., and Tobler, assignors.)
Sears, Roebuck and Co. (See Ralston, Hurley D., assignor.)
Sears, Victor H., New York, N. Y., assignor to Universal Dental Company, Philadelphia, Pa. Artificial teeth. 2,129,040; Sept. 6.
Secretary of Agriculture of the United States of America, and his successors in office. (See Leviton, Abraham, assignor.)
Seeburg, N. Marshall. (See Wallin, F. E. A., and K. T. and C. G. Johnson, assignors.)
Segal, Samuel, Brooklyn, N. Y. Cloth cutting machine. 2,129,632; Sept. 6.
Seifer, Theo, Berlin, Germany. Hydraulic motor. 2,129,104; Sept. 6.
Semet-Solvay Engineering Corporation. (See Tenney, Charles I., assignor.)
Serge, Igor B., Grosse Pointe Park, Mich. Voice coil suspension. 2,129,628; Sept. 6.
Severin, Frank W., Evanston, assignor to Venn-Severin Machine Co., Chicago, Ill. Automatic control. 2,129,482; Sept. 6.
Seward, David E., et al. (See Vanderpoel, Albert G. H., assignor.)
Seydel, Carl J. (See Foster, B., and Seydel.)
Shafer, Carl C., Cincinnati, Ohio. Hand brake operating mechanism. 2,128,969; Sept. 6.
Shattuck, Earl R., Southgate, assignor of one-half to W. L. Venton, Los Angeles, Calif. Roof. 2,129,288; Sept. 6.
Sheppard, Harry N., Maplewood, N. J., assignor to Scott & Williams, Incorporated, New York, N. Y. Plating knit fabric. 2,129,593; Sept. 6.
Sheppard, Samuel E., and W. Vanselow, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Heat sensitive compositions. 2,129,242; Sept. 6.
Sherman, Charles W., Boston, Mass. Diffusing screen. 2,129,154; Sept. 6.
Sherman, John Q. (See Dybvig, Henry G., assignor.)
Shimamoto, Takejiro, Hilo, Hawaii. Animal trap. 2,129,594; Sept. 6.
Short, Victor W., Kirkwood, assignor to Endicott Johnson Corporation, Endicott, N. Y. Cutting die. 2,129,448; Sept. 6.
Siemens & Halske, Aktiengesellschaft. (See Thierbach, Dietwald, assignor.)
Signal Service Corporation. (See Luce, Richard W., assignor.)
Simmons, Allan O., assignor to Simmons Coin Machine Co., Inc., Chicago, Ill. Dispensing machine. 2,129,185; Sept. 6.
Simmons Coin Machine Co. (See Simmons, Allan O., assignor.)
Simons, Francis L., Needham, and M. W. Weiss, Boston, Mass., assignors to George La Monte & Son, Nutley, N. J. Safety paper and making same. 2,129,362; Sept. 6.
Simons, Francis L., Needham, and M. W. Weiss, Boston, Mass., assignors to George La Monte & Son, Nutley, N. J. Safety paper and making same. 2,129,363; Sept. 6.
Simons, Francis L., Needham, and M. W. Weiss, Boston, Mass., assignors to George La Monte & Son, Nutley, N. J. Authentification device and making same. 2,129,364; Sept. 6.
Slack, Charles M., Glen Ridge, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Shockproof X-ray unit. 2,129,387; Sept. 6.
Slaughter, James A., Omaha, Nebr., assignor to New Process Mining Corporation, New York, N. Y. Mineral separating machine. 2,129,629; Sept. 6.
Slotsky, David, Cleveland, Ohio. Bifocal lens. 2,129,243; Sept. 6.
Slusser, James E., Suscon, Pa., assignor to Atlas Powder Company, Wilmington, Del. Molded explosive. 2,129,508; Sept. 6.
Smith, Lester C., West Hartford, assignor to The Spencer Turbine Company, Hartford, Conn. Rock drill hood. 2,129,509; Sept. 6.
Smith, Lloyd H. (See White, George A., assignor.)
Smith, Robert Ajo, assignor to R. S. Davis, Rowood, Ariz. Mineral concentrator. 2,129,244; Sept. 6.
Smith, S. Morgan, Company. (See Brisbane, E. C., and Bischoff, assignors.)
Smyser, Katherine O. (See Smyser, Selden F., and K. O.)
Smyser, Selden F., and K. O. Ellensburg, Wash. Space-time clock. 2,128,970; Sept. 6.
Snow, Robert D., assignor to Phillips Petroleum Company, Bartlesville, Okla. Producing beta olefins. 2,128,971; Sept. 6.
Söll, Julius, Leverkusen-I. G. Werk, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of new fluorine compounds. 2,129,289; Sept. 6.

Spalding, A. G., & Bros. (See Reach, William F., assignor.)
Spears, Joseph M., Washington, D. C. Conveyer. 2,129,337; Sept. 6.
Spence, Thomas E., Madison, Wis. Dust bag for pneumatic cleaners. 2,129,105; Sept. 6.
Spencer Turbine Company, The. (See Smith, Lester C., assignor.)
Sproule, Donald O., assignor of one-half to Henry Hughes & Son Limited, London, England. Visual indicator for echo sounding apparatus. 2,129,155; Sept. 6.
Standard Oil Company, The. (See Burk, Robert E., assignor.)
Standard Oil Company. (See Kuentzel, W. E., Geissman, and Batchelder, assignors.)
Standard Oil Company. (See Page, James M., Jr., assignor.)
Standard Railway Equipment Manufacturing Company. (See Conwell, Samuel H., assignor.)
Standard Railway Equipment Manufacturing Company. (See Gilpin, Garth G., assignor.)
Standard Stoker Company, The. (See Anderson, Howard P., assignor.)
Standard Stoker Company, The. (See Ketchpel, Paul A., assignor.)
Standard Stoker Company, The. (See Surdy, Charles J., assignor.)
Staud, Cyril J. (See Fallesen, G. E., and Staud.)
Stebler, Fred, and G. P. Marsden, Riverside, assignors to Food Machinery Corporation, San Jose, Calif. Box feeding mechanism. 2,128,972; Sept. 6.
Steel Products Engineering Company, The. (See Scholl, Clark, assignor.)
Steenstrup, Carl H., Schenectady, assignor to General Electric Company. Guide and stop for refrigerators. 2,129,539; Sept. 6.
Stein, Louis. (See Willien, L. J., and Stein.)
Stenstrom, Walfred J., Federal Dam, Minn. Fish lure. 2,129,245; Sept. 6.
Sterling, Bernard A., Chicago, Ill. Hair waving pad and method. 2,129,246; Sept. 6.
Sterling Corporation, The. (See Flammang, J., and Bowser, assignors.)
Stewart, Marvin, Ashland, Ky. Ejector fuse plug. 2,129,309; Sept. 6.
Stoker, Paul P., Winkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,129,310; Sept. 6.
Strauch & Hoffman. (See Fageol, Frank R. and W. B., assignors.)
Street, Chauncey C., Providence, R. I., assignor to Federal Products Corporation. Dial test indicator. 2,129,311; Sept. 6.
Streun, John A., assignor to Hardwicke-Etter Company, Sherman, Tex. Gin system. 2,129,312; Sept. 6.
Streun, John A., assignor to Hardwicke-Etter Company, Sherman, Tex. Drier for cotton treating machines. 2,129,630; Sept. 6.
Stuchly, Fred, East Pittsburgh, Pa. Bellows lock for accordions. 2,129,247; Sept. 6.
Studien- und Verwertungs-Gesellschaft mit beschrankter Haftung. (See Fischer, F., and Koch, assignors.)
Sturm, Fred A., Paterson, and G. J. Petricek, Clifton, N. J. Marking tube. 2,129,186; Sept. 6.
Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)
Superheater Company, The. (See Williams, A., Mourne, and Henkel, assignors.)
Surdy, Charles J., Tuckahoe, N. Y., assignor, by mesne assignments, to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,129,365; Sept. 6.
Swan, James D., Jr. (See Jwanouskos, J. J., Jr., Lundgren, and Swan.)
Swennes, Benjamin A., Rockford, Ill., assignor to Borg-Warner Corporation. Fluid clutch automatic transmission. 2,129,366; Sept. 6.
Szerenyi, Andreas, and H. Rollmann, assignors to the firm Rollmann, Kaufmann & Co., Société au nom collectif, Brussels, Belgium. Footwear. 2,129,106; Sept. 6.
Talbot, Ralph H., and B. E. Gramkee, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Flowable composition comprising a polyvinyl formaldehyde acetal resin. 2,129,449; Sept. 6.
Talbot, Ralph H., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Polyvinyl acetal resin. 2,129,450; Sept. 6.
Talmage, Floyd L., Kansas City, Kans., assignor to Ismert-Hincke Milling Company, Kansas City, Mo. Feeder. 2,129,451; Sept. 6.
Talon, Inc. (See Poux, Noel J., assignor.)
Taylor, James, and W. Young, Saltcoats, Scotland, assignors to Imperial Chemical Industries Limited. Blasting explosive device. 2,129,388; Sept. 6.
Taylor, James H., Hamilton, Ohio, assignor to Fairbanks, Morse & Co., Chicago, Ill. Power transmission mechanism. 2,129,107; Sept. 6.
Taylor, William J., assignor to The Lamson Company, Syracuse, N. Y. Conveyer mechanism. 2,129,510; Sept. 6.
Telco Corp. (See Hoyt, Karl R., assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H. (See Schienemann, Rudolf, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H. (See Weber, Rudolf, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H. (See Zepler, Erich, assignor.)
Ten Broek, Alexander P. A., Kediri, Java, Dutch East Indies. Clutch. 2,129,108; Sept. 6.
Tenney, Charles I., Minneapolis, Minn., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Making combustible gas. 2,129,248; Sept. 6.
Thierbach, Dietwald, Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Berlin-Siemensstadt, Germany. Automatic signal transmission control circuit. 2,129,074; Sept. 6.
Tietjen, Ernest J. (See Evans, Eugene M., assignor.)
Timmons, Adam L., Salina, Kans. Screen door spring. 2,129,338; Sept. 6.
Tisdale, Wendell H., Cleveland Heights, Ohio, and A. L. Flenner, assignors, by mesne assignments to E. I. du Pont de Nemours & Company, Wilmington, Del. Protective composition for fruits and the like. 2,128,973; Sept. 6.
Titanium Alloy Manufacturing Company, The. (See Kinzie, C. J., and Wainer, assignors.)
Tobler, John H. (See Tompkins, E. H., and Tobler.)
Toledo Machine Company, The. (See Dorman, Neal W., assignor.)
Tomlinson of High Point. (See Allred, James C., assignor.)
Tompkins, Emerson H., and J. H. Tobler, assignors to Scovill Manufacturing Company, Waterbury, Conn. Dispensing nozzle. 2,129,511; Sept. 6.
Trahey, John C., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for sizing photographic paper. 2,129,249; Sept. 6.
Trane Company, The, et al. (See Anderegg, Ruben H., assignor.)
Trico Products Corporation. (See Horton, Erwin C., assignor.)
Trico Products Corporation. (See Wernert, G. R., and Gagnaire, assignors.)
Tri State Cap & Cap Machinery Co. (See Pityo, Albert F., assignor.)
Trolander, Elmer W., and W. C. Wilson, assignors to Pyroxylin Products, Inc., Chicago, Ill. Coating composition. 2,129,156; Sept. 6.
Trolander, Elmer W., and W. C. Wilson, assignors to Pyroxylin Products, Inc., Chicago, Ill. Insulated electric cable. 2,129,157; Sept. 6.
Trurnit, Friedr. (See Trurnit, Walter, assignor.)
Trurnit, Walter, Waldshut, assignor to firm Friedr. Trurnit, Altena, Germany. Method and apparatus for producing screw threads. 2,129,290; Sept. 6.
Turner, Clairborn C., Nordland, Wash. Oven door. 2,129,339; Sept. 6.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Two-color rocking magazine. 2,128,974; Sept. 6.
Turner Tanning Machinery Company, The. (See Schettler, Gustav A., assignor.)
Twyman, B. Wickliffe, assignor to Lavine Gear Company, Milwaukee, Wis. Steering gear. 2,129,389; Sept. 6.
Uloth, Robert. (See Mueller-Cunradi, M., and Uloth.)
Ulrey, Clayton T., East Orange, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. X-ray system for taking short exposure X-ray photographs. 2,129,383; Sept. 6.
Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,129,109; Sept. 6.
Union Oil Company of California. (See Blount, A. L., and Reiber, assignors.)
Union Switch & Signal Company, The. (See Bone, Herbert L., assignor.)
Union Switch & Signal Company, The. (See Dowling, Philip H., assignor.)
Union Switch & Signal Company, The. (See Stoker, Paul P., assignor.)
Union Switch & Signal Company, The. (See Whitelock, Leland D., assignor.)
United Elastic Corporation. (See Van Voorhis, George S., assignor.)
United Gas Improvement Company, The. (See Willien, L. J., and Stein, assignors.)
United Research Corporation. (See Ross, Ernest, assignor.)
Universal Dental Company. (See Sears, Victor H., assignor.)
Universal Oil Products Company. (See Angell, Charles H., assignor.)
Universal Sanitary Manufacturing Co. (See Beam, James R., assignor.)
Universal Winding Company. (See Beckman, Gustaf S., assignor.)
Uytenbogaart, Johannes. (See Hartmann, A., and Uytenbogaart.)
Uytenbogaart, Johannes, Berlin-Lichterfelde, Germany, assignor to North American Rayon Corporation, New York, N. Y. Mounting apparatus. 2,129,283; Sept. 6.
Uytenbogaart, Johannes, Berlin-Lichterfelde, Germany, assignor to North American Rayon Corporation, New York, N. Y. Roller feeding device. 2,129,284; Sept. 6.
Vaco Products, Inc. (See Carter, P. M., and Linsley, assignors.)
Vahle, Elmer E. (See Schelot, N. G., and Vahle.)

Van Billiard, Lewis H., Bridgeport, Conn., assignor to General Electric Company. Lead-in for radio receivers. 2,129,540; Sept. 6.

Vanderpoel, Albert G. H., assignor of one-third to J. O'Laverty and one-third to D. E. Seward, Los Angeles, Calif. Automatic deceleration control device. 2,129,608; Sept. 6.

Vanderpoel, Albert G. H., Wilmar, assignor of one-third to J. O'Laverty and one-third to D. E. Seward, Los Angeles, Calif. Automatic fuel mixture and scavenging gas control device. 2,129,609; Sept. 6.

Vanderpoel, Albert G. H., assignor of one-third to J. O'Laverty and one-third to D. E. Seward, Los Angeles, Calif. Automatic means for controlling fluid flow to internal combustion engines. 2,129,610; Sept. 6.

Van Deventer, Harry R., New York, N. Y. Apparatus for use in facsimile transmitting systems. 2,129,483; Sept. 6.

Van Duzee, Edward M. (See Bass, S. L., and Van Duzee.)

Van Duzee, Edward M., and S. L. Bass, assignors to The Dow Chemical Company, Midland, Mich. Aralkyl ethers of the hydroxy-benzoates. 2,128,975; Sept. 6.

Van Hamersveld, John J. N. (See Lange, M. E., and Hamersveld.)

Vanselow, Waldemar. (See Sheppard, S. E., and Vanselow.)

Van Sickle, Charles S., deceased, Creston, Wash.; M. V. Van Sickle, administratrix. Grain separator. 2,129,452; Sept. 6.

Van Sickle, Charles S., deceased, by M. V. Van Sickle, Creston, Wash., administratrix. Soil disrupter. 2,129,453; Sept. 6.

Van Sickle, Myra V., administratrix. (See Van Sickle, Charles S.)

Van Vlodrop, Cornelus. (See Waterman, H. I., and Van Vlodrop.)

Van Voorhis, George S., Northampton, assignor to United Elastic Corporation, Easthampton, Mass. Combined half hose and garter. 2,129,291; Sept. 6.

Van Zuilen, Henry. (See Baur, J. W., Van Zuilen, and Rogier.)

Vapor Car Heating Company. (See Parks, Paul B., assignor.)

Varker, Thomas L., Wilkes-Barre, Pa., assignor to Continental Can Company of Pennsylvania. Closure for containers. 2,129,250; Sept. 6.

Varkonda, Andrew, Brooklyn, N. Y. Electric sign. 2,129,595; Sept. 6.

Venn-Severin Machine Co. (See Severin, Frank W., assignor.)

Venton, W. L. (See Shattuck, Earl R., assignor.)

Venzke, George F., Minneapolis, Minn. Bedspring. 2,129,251; Sept. 6.

Vinson, Elmer E., San Francisco, Calif. Pumping system. 2,129,292; Sept. 6.

Voegeli, Henry E., Cheshire, assignor to The American Brass Company, Waterbury, Conn. Metal wall facing. 2,128,976; Sept. 6.

Volpe, Nicholas, Fitchburg, Mass. Adjustable screen. 2,129,541; Sept. 6.

Von Zimmermann, Max K., Elkhart, Ind. Drawing board. 2,129,457; Sept. 6.

Wainer, Eugene. (See Kinzie, C. J., and Wainer.)

Wallin, Fred E. A., Chicago, K. T. Johnson, Palatine, and C. G. Johnson, assignors to N. M. Seeburg, Chicago, Ill. Apparatus for separating genuine and spurious coins. 2,129,512; Sept. 6.

Wappler, Frederick C., New York, N. Y. Diagnostic instrument. 2,129,390; Sept. 6.

Wappler, Frederick C., New York, N. Y. Endoscopic instrument. 2,129,391; Sept. 6.

Warner Machine Products, Inc. (See Hill, Robert H., assignor.)

Warner & Swasey Company, The. (See Lange, M. E., and Darash, assignors.)

Warner & Swasey Company, The. (See Lange, M. E., and Van Hamersveld, assignors.)

Waterman, Hein I., Delft, and C. Van Vlodrop, Rotterdam, Netherlands, assignors to Imperial Chemical Industries Limited. Treatment of solids. 2,129,596; Sept. 6.

Watrous, Ward W., Jr., Verona, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Anode support. 2,129,392; Sept. 6.

Waukesha Motor Company, et al. (See Anderegg, Ruben H., assignor.)

Weaver, Jesse M., Charleston, S. C., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Heat insulating tape. 2,129,110; Sept. 6.

Webber, Ray R., Cleveland, Ohio. Truck. 2,129,340; Sept. 6.

Weber, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Band-pass filter for change of wave. 2,129,293; Sept. 6.

Webster, Benjamin C., Southport, assignor to The Bryant Electric Company, Bridgeport, Conn. Electric lamp socket for double filament lamps. 2,129,597; Sept. 6.

Webster M'f'g Company, The. (See Morgan, Horace H., assignor.)

Wegener, August F., Ridgewood, N. J. Flexible mirror novelty. 2,129,513; Sept. 6.

Weinberger, Julius, Bronxville, N. Y., assignor to Radio Corporation of America. Centralized radio system for short and broadcast waves. 2,129,075; Sept. 6.

Weiss, Mark W. (See Simons, F. L., and Weiss.)

Weldon Tool Company. (See Gase, Carl G., assignor.)

Wernert, Georges R., and J. F. Gagnaire, Lyon, France, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,129,542; Sept. 6.

Wertheimer, Samuel M., Brooklyn, assignor to Birnbach Radio Company, Inc., New York, N. Y. Radio antenna apparatus. 2,129,514; Sept. 6.

Wesnigk, Erwin, Berlin, Germany. Automobile. 2,129,187; Sept. 6.

Western Casket Hardware Company. (See Leland, Wesley F., assignor.)

Westinghouse Electric & Manufacturing Company. (See Fetzer, Paul L., assignor.)

Westinghouse Electric & Manufacturing Company. (See Morgan, David W. R., assignor.)

Westinghouse Electric & Manufacturing Company. (See Marden, J. W., and Meister, assignors.)

Westinghouse Electric & Manufacturing Company. (See Slack, Charles M., assignor.)

Westinghouse Electric & Manufacturing Company. (See Ulrey, Clayton T., assignor.)

Westinghouse Electric & Manufacturing Company. (See Watrous, Ward W., Jr., assignor.)

Weston Electrical Instrument Corporation. (See Lamb, Anthony H., assignor.)

West Virginia Lighting Co. (See Poling, Clyde, assignor.)

White, George A., Philadelphia, Pa., assignor, by mesne assignments, to L. H. Smith, New York, N. Y. Phonograph. 2,129,611; Sept. 6.

White, George A., Philadelphia, Pa., assignor to L. H. Smith, Houston, Tex. Phonograph. 2,129,612; Sept. 6.

Whitelock, Leland D., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for electric signaling syatems. 2,129,313; Sept. 6.

Whiteside, James C., Sceptre, Saskatchewan, Canada. Farm products loading and distributing device. 2,129,252; Sept. 6.

Whitetree, Alva E., assignor of one-third to S. Grammatico, one-sixth to T. J. La Londe, and one-sixth to L. L. Harvey, Flint, Mich. Sheath syringe. 2,128,977; Sept. 6.

Wibaut, Johan P., Amsterdam, and H. J. den Hertog, Jr., Deventer, Netherlands, assignors to The Dow Chemical Company, Midland, Mich. 2-amino-6-piperidyl-pyridines. 2,129,294; Sept. 6.

Wienecke, Bruno, Berlin, Germany. Tube for short waves. 2,129,076; Sept. 6.

Wilcoxon, Frank. (See Hartzell, A., Wilcoxon, and Youden.)

Wildhaber, Ernest, Irondequoit, assignor to Gleason Works, Rochester, N. Y. Gear cutter. 2,129,077; Sept. 6.

Wilds, William. (See Barry, P., and Wilds.)

Wilkie, Harry, Portland, Maine. Garment with detachable hood. 2,129,454; Sept. 6.

Willene, Martin. (See Ruesenberg, C. A., and Willene.)

Williams, Arthur, Hammond, Ind., J. E. Mourne, Hinsdale, and E. Henkel, Calumet City, Ill., assignors to The Superheater Company, New York, N. Y. Injector. 2,129,515; Sept. 6.

Williams, John C., Corporation. (See Williams, John C., assignor.)

Williams, John C., Oakland, Calif., assignor to John C. Williams Corporation. Clamshell dredge. 2,129,158; Sept. 6.

Williams, Vernon H., Ardrossan, Ayrshire, Scotland, and B. W. Foster, Blackheath, London, England, assignors to Imperial Chemical Industries Limited. Gelatinous or semigelatinous blasting explosives. 2,128,367; Sept. 6.

Willien, Leon J., Chicago, Ill., and L. Stein, Minneapolis, Minn., assignors to The United Gas Improvement Company, Philadelphia, Pa. Manufacturing carbureted water gas. 2,129,341; Sept. 6.

Willis, Ulysses G., Dallas, Tex. Crankshaft grinder. 2,129,253; Sept. 6.

Wilson-Jones Company. (See Unger, Paul O., assignor.)

Wilson, William C. (See Trolander, E. W., and Wilson.)

Winans, Charles F., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Hydrogenation of phenyl primary amines. 2,129,631; Sept. 6.

Wingfoot Corporation. (See Calvert, William C., assignor.)

Wingfoot Corporation. (See Clifford, Albert M., assignor.)

Wingfoot Corporation. (See Lichty, Joy G., assignor.)

Wingfoot Corporation. (See Manchester, Frank H., assignor.)

Wingfoot Corporation. (See Nicol, William H., assignor.)

Wingfoot Corporation. (See Riehl, Theodore A., assignor.)

Winthrop Chemical Company. (See Rieche, A., Maier-Bode, and Eckhardt, assignors.)

Wingfoot Corporation. (See Winans, Charles F., assignor.)

Wisehart, Dellis L. (See Wisehart, Hollace D. and D. L.)

Wisehart, Hollace D. and D. L., Trail, Minn. Skirt hanger. 2,129,455; Sept. 6.

Wood, Edward L., Detroit, Mich. Filter. 2,129,188; Sept. 6.

Wood, Everett N., Minneapolis, Minn. Radiator apparatus and method. 2,129,254; Sept. 6.

Wood, Ronald E., Moscow, Idaho. Determining butterfat in cream. 2,129,516; Sept. 6.

Woodall Industries Incorporated. (See Cunnington, George R., assignor.)

Woodall Industries Incorporated. (See Randall, Meredith S., assignor.)

Woolhiser, Jay H., Elmhurst, N. Y. Knitting device and knitting. 2,129,393; Sept. 6.

Works, Madden T. (See Burke, W. E., and Works.)

Wright Aeronautical Corporation. (See Chilton, Roland, assignor.)

Wünsch, Guido, Berlin-Steglitz, and W. Gerisch, Berlin-Friedenau, Germany, assignors to Askania-Werke A. G. vormals Centralwerkstatt-Dessau und Carl Bamberg-Friedenau. Apparatus for controlling the fuel feed in internal combustion engines. 2,129,613; Sept. 6.

Würstlin, Karl, assignor to Kali-Chemie Aktiengesellschaft, Berlin, Germany. Screen for X-ray photography. 2,129,296; Sept. 6.

Würstlin, Karl, Berlin-Baumschulenweg, and K. Grabbe, Berlin-Niederschoneweide, assignors to Kali-Chemie Aktiengesellschaft, Berlin, Germany. Screen for X-ray photographs. 2,129,295; Sept. 6.

Wynd, Clarence L., and W. H. Groth, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Composite cellulose derivative sheeting. 2,129,456; Sept. 6.

Youden, William J. (See Hartzell, A., Wilcoxon, and Youden.)

Young, Lloyd L., Patchogue, N. Y., assignor to Radio Corporation of America. Temperature control device. 2,129,484; Sept. 6.

Young, William. (See Taylor, J., and Young.)

Young, Wilson T. (See Hall, A., and Young.)

Zepler, Erich, Chelmsford, England, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Automatic volume control circuit. 2,129,078; Sept. 6.

Zero Plate Corporation. (See Rutishauser, Donald E., assignor.)

Zimmerman, Herman W., assignor to Automotive Maintenance Machinery Co., Chicago, Ill. Boring machine. 2,129,485; Sept. 6.

Zimmerman, Percy W., and A. E. Hitchcock, assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y. Propagation of plants. 2,129,598; Sept. 6.

Zimmerman, Percy W., and A. E. Hitchcock, assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y. Propagation of plants. 2,129,599; Sept. 6.

Zimmerman, Percy W., and A. E. Hitchcock, assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y. Propagation of plants. 2,129,600; Sept. 6.

Zimmerman, Percy W., and A. E. Hitchcock, assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y. Propagation of plants. 2,129,601; Sept. 6.

Zippel, Hyman M., Philadelphia, Pa. Hand weaving frame. 2,129,297; Sept. 6.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 6TH DAY OF SEPTEMBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Article, Moistureproof. W. H. Charch, M. M. Brubaker, and F. M. Meigs. Re. 20,845; Sept. 6.
Bookkeeping machine. O. J. Sundstrand and W. A. Anderson. Re. 20,850; Sept. 6.
Building construction. P. A. Wood. Re. 20,851; Sept. 6.
Earth product and making the same, Diatomaceous. R. Calvert, K. L. Dern, and G. A. Alles. Re. 20,844; Sept. 6.
Material and making the same, Moistureproof. T. G. Finzel and D. E. Drew. Re. 20,847; Sept. 6.
Mixer, Sand. A. G. J. Rapp and A. C. Christensen. Re. 20,849; Sept. 6.
Packet, Miniature. L. Adler. Re. 20,843; Sept. 6.
Transmission, Variable speed. A. Y. Dodge. Re. 20,846; Sept. 6.
Refrigeration. A. T. Light. Re. 20,848; Sept. 6.

LIST OF PLANT INVENTIONS

Tree, Peach. L. Burbank. 290–1; Sept. 6.

LIST OF DESIGN INVENTIONS

Arm for burial casket handles. S. Junkunc, Jr. 111,145; Sept. 6.
Ashtray. F. R. Cass. 111,173; Sept. 6.
Bank, Coin. D. H. Zell. 111,193; Sept. 6.
Bottle. J. W. Bicks. 111,169; Sept. 6.
Bottle filler, Carbonated water. R. J. Heiberg. 111,143; Sept. 6.
Box, Battery. R. Le Clercq. 111,202–3; Sept. 6.
Box, Cigarette. G. C. De Hart. 111,175; Sept. 6.
Bracelet. D. F. Ebbert. 111,135; Sept. 6.
Brush, Window cleaning. F. R. Brown. 111,170; Sept. 6.
Buffet or similar article. M. Hanson. 111,142; Sept. 6.
Button. S. R. Borel. 111,130; Sept. 6.
Case or similar article, Vanity. G. Gamble. 111,177; Sept. 6.
Chair and footstool, Combined rocking. C. K. Hasenstein. 111,200; Sept. 6.
Check imprinting machine or similar article. W. B. Payne and R. C. Browne. 111,190; Sept. 6.
Check or similar article. R. C. Browne. 111,171; Sept. 6.
Coat. S. H. Dick. 111,198; Sept. 6.
Dress. J. Abbate. 111,126–7; Sept. 6.
Dress. C. H. Colcord. 111,196; Sept. 6.
Dress. M. B. Green. 111,179–81; Sept. 6.
Dress. H. J. Katz. 111,146–8; Sept. 6.
Dress. M. Roher. 111,152; Sept. 6.
Dress. J. Tuman. 111,161–2; Sept. 6.
Dress. J. Tuman. 111,164–7; Sept. 6.
Dress. P. Zahn. 111,168; Sept. 6.
Dress ensemble. J. Tuman. 111,163; Sept. 6.
Fabric or similar article, Textile. R. Frick. 111,176; Sept. 6.
Fabric or similar article, Textile. A. Zavell. 111,192; Sept. 6.
Garment, Foundation. J. Abeles. 111,194; Sept. 6.
Globe for lanterns, Multiple lens metal. J. P. McCarthy. 111,182; Sept. 6.
Golf bag. A. Firle. 111,138; Sept. 6.
Goggles or similar article, Pair of. J. Bolten. 111,129; Sept. 6.
Handle for knives, forks, spoons, and similar articles. N. Mirsky. 111,149; Sept. 6.
Heater, Domestic water. C. H. Morrow. 111,184–5; Sept. 6.
Hinge. T. O. Schrader. 111,157; Sept. 6.
Hoe. H. Paschen. 111,150; Sept. 6.
Housing, Air conditioning control. C. H. Dicke. 111,134; Sept. 6.
Leather sheet or similar article, Embossed. J. E. Goldberg. 111,178; Sept. 6.
Mixing machine or similar article, Dough. W. F. Dehuff. 111,197; Sept. 6.
Nightgown. S. L. Freedgood. 111,199; Sept. 6.
Pin or similar article, Fraternal. F. J. Theleman. 111,159; Sept. 6.
Plate for thermometers or the like, Cover. G. E. Ford. 111,139; Sept. 6.
Plate, Signal lamp face. D. M. Rauser. 111,206–7; Sept. 6.
Press, Forging. W. W. Criley. 111,172; Sept. 6.
Rack, Merchandise display. H. A. Granquist. 111,140; Sept. 6.
Rack, Pocketknife display. H. A. Granquist. 111,141; Sept. 6.
Range. J. Teller and A. P. Schulz. 111,191; Sept. 6.
Refrigerator and serving table, Combination. A. P. Schulz. 111,158; Sept. 6.
Rug or similar article. H. J. Muller. 111,186; Sept. 6.
Sharpener, Knife. E. W. Carpenter. 111,174; Sept. 6.
Shield, Bathtub overflow. W. H. Ehrhorn. 111,136; Sept. 6.
Signal unit or similar article, Audible. P. Nielsen. 111,187–9; Sept. 6.
Slip. A. Imerman. 111,201; Sept. 6.
Spoon or other article of flatware. E. A. Brenner. 111,131–3; Sept. 6.
Stand or similar article, Reservoir desk. R. Rose. 111,153; Sept. 6.
Stand, Smoking. J. K. Milton. 111,183; Sept. 6.
Thermometer. M. E. Trollen. 111,160; Sept. 6.
Tractor. A. W. Scarratt. 111,154–6; Sept. 6.
Tray. S. W. Farber. 111,137; Sept. 6.
Tray and gummed tape holder, Combined change. J. Jonik. 111,144; Sept. 6.
Urn or similar article, Percolator. R. E. Patten. 111,151; Sept. 6.
Vane, Weather. H. C. Orndorff. 111,204–5; Sept. 6.
Velocipede frame member. B. J. Anderson. 111,128; Sept. 6.
Wardrobe, Automobile seat. A. Armour. 111,196; Sept. 6.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 6TH DAY OF SEPTEMBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrasive coated material, Making. R. C. Benner and R. L. Melton. 2,128,907; Sept. 6.
Abrasive product and manufacturing the same, Coated. R. C. Benner and R. L. Melton. 2,128,905; Sept. 6.
Accelerators. A. M. Clifford. 2,129,525; Sept. 6.
Acid esters, Tetraphosphoric. M. B. Katzman. 2,128,946; Sept. 6.
Acid, Manufacture of laevoascorbic. F. Elger. 2,129,317; Sept. 6.
Adding machine. F. Duby. 2,129,265; Sept. 6.
Adhesive composition. W. E. Glancy. 2,129,126; Sept. 6.
Adjustable cord lock. J. Nisenson. 2,129,606; Sept. 6.
Adjustable means for attaching quilts, blankets, etc., to cribs. A. Bleier. 2,129,487; Sept. 6.
Adjustable screen. N. Volpe. 2,129,541; Sept. 6.
Adhesive for insecticides and making same. L. D. Goodhue. 2,129,517; Sept. 6.
Advertising device. E. L. Ballew. 2,129,368; Sept. 6.
Advertising device. E. E. Locke. 2,129,585; Sept. 6.
Air conditioning apparatus. R. H. Anderegg. 2,128,890; Sept. 6.
Air conditioning system. M. K. Drewry. 2,129,202; Sept. 6.
Air conditioning system. R. C. Jepertinger. 2,129,427; Sept. 6.
Aircraft power plant control. W. J. Blanchard. 2,128,983; Sept. 6.
Air heating and conditioning unit. G. Herbster and J. Beevar. 2,129,059; Sept. 6.
Alarm system, Burglar. L. H. Chase and C. L. Loudon. 2,129,261; Sept. 6.
Alloy: *See*—
Bronze alloy. Manganese alloy.
Magnesium-boron alloy.
Alloy. A. G. de Golyer. 2,129,346; Sept. 6.
Amino-anthraquinone compounds. G. Kränzlein, E. Diefenbach, and F. Eggert. 2,129,141; Sept. 6.
Ampere-squared-hour meter. T. A. Rich. 2,129,537; Sept. 6.
Amusement apparatus. L. G. Hellesen. 2,129,470; Sept. 6.
Anchoring means. W. Noble. 2,129,439; Sept. 6.
Animal trap. T. Shimamoto. 2,129,594; Sept. 6.
Anode support. W. W. Watrous, Jr. 2,129,392; Sept. 6.
Apparatus for electric signaling systems. L. D. Whitelock. 2,129,313; Sept. 6.
Apparatus for use in facsimile transmitting systems. H. R. Van Deventer. 2,129,483; Sept. 6.
Apparel apparatus. M. Lazow. 2,129,147; Sept. 6.
Arc detector and suppressor. A. H. Lamb. 2,129,143; Sept. 6.
Arc lamp. A. F. Martin. 2,129,530; Sept. 6.
Arch support. N. W. Guerin. 2,129,321; Sept. 6.
Arch support. S. J. Jay. 2,129,424; Sept. 6.
Article and making the same, Coated abrasive. N. P. Robie. 2,128,966; Sept. 6.
Article-dispensing mechanism. A. Hakanson. 2,129,322; Sept. 6.
Article of manufacture. J. Binder. 2,129,399; Sept. 6.
Article of manufacture and producing same. A. S. Hunter. 2,129,132; Sept. 6.
Article of manufacture from fibers of bast or leaf origin. J. H. Estes. 2,128,929; Sept. 6.
Articles, Making rubber. J. F. Schott. 2,129,607; Sept. 6.
Articles, Method and apparatus for molding. P. H. Sanborn. 2,129,240; Sept. 6.
Articles, Production of flexible abrasive. R. C. Benner and R. L. Melton. 2,128,906; Sept. 6.
Authentification device and making same. F. L. Simons and M. W. Weiss. 2,129,364; Sept. 6.
Automobile. E. Wesnigk. 2,129,187; Sept. 6.
Automotive control system. R. E. Cox. 2,128,916; Sept. 6.
Automotive vehicle, Unit section. F. R. and W. B. Fageol. 2,128,930; Sept. 6.
Awning, Automatic visor. F. A. Anton. 2,129,555; Sept. 6.
Bacon rinder. L. J. Perrin. 2,129,234; Sept. 6.
Bag for pneumatic cleaners, Dust. T. E. Spence. 2,129,105; Sept. 6.
Ball amusement device. A. Brown. 2,129,489; Sept. 6.
Ball and its manufacture, Inflated. J. T. Riddell. 2,129,238; Sept. 6.
Ball construction. J. T. Riddell. 2,129,237; Sept. 6.
Band attaching means for wrist watches, Wrist. J. Dinhofer. 2,129,494; Sept. 6.
Base for a cordless electric iron, Energized. R. Roller. 2,129,286; Sept. 6.
Basket-tipping apparatus. T. F. Allen. 2,129,394; Sept. 6.
Battery-post connecter. T. J. Mayes. 2,129,333; Sept. 6.
Bearing for trucks, Differential. C. O. Heslep. 2,129,580; Sept. 6.
Bearing having a nonmetallic fabric lining and making the same. H. D. Geyer. 2,129,125; Sept. 6.
Bed couch. H. W. Neunherz. 2,129,532; Sept. 6.
Bedspring. G. F. Venzke. 2,129,251; Sept. 6.
Bell ringing device for electric toy trains. A. N. Peffers. 2,129,233; Sept. 6.
Belt. E. Blossfeld. 2,129,400; Sept. 6.
Benzine products from hydrogen and the oxides of carbon, Treating synthetic. F. Fischer and H. Koch. 2,128,994; Sept. 6.
Binder, Looseleaf. G. S. Emery. 2,129,318; Sept. 6.
Binder, Loose leaf. A. M. Martin. 2,129,223; Sept. 6.
Binder, Loose leaf. P. O. Unger. 2,129,109; Sept. 6.
Block: *See*—
Building block.
Blow-out preventer. J. W. MacClatchie. 2,129,433; Sept. 6.
Board: *See*—
Drawing board. Game board.
Book support. R. H. Draeger. 2,128,920; Sept. 6.
Boring machine. H. W. Zimmerman. 2,129,485; Sept. 6.
Bottle, Nonrefillable. M. J. Duffy. 2,128,922; Sept. 6.
Box: *See*—
Packing box.
Box erecting appliance. H. A. Inman. 2,129,177; Sept. 6.
Box feeding mechanism. F. Stebler and G. P. Marsden. 2,128,972; Sept. 6.
Box lidder feed. H. Paxton. 2,128,963; Sept. 6.
Brake: *See*—
Unit cylinder clasp brake.
Brake drum. C. W. Dake. 2,129,199; Sept. 6.
Brake equalizer. C. F. Johnson. 2,129,061; Sept. 6.
Brake operating mechanism, Hand. C. C. Shafer. 2,128,969; Sept. 6.
Braking apparatus, Railway. H. L. Bone. 2,129,301; Sept. 6.
Braun tube. E. Hudec. 2,129,005; Sept. 6.
Braun tube. S. Loewe. 2,129,015; Sept. 6.
Bronze alloy. J. W. Bryant, Jr. 2,129,197; Sept. 6.
Bronze, Hot workable. R. B. Montgomery. 2,128,954; Sept. 6.
Bronze, Hot workable phosphor. R. B. Montgomery. 2,128,955; Sept. 6.
Brush, Denture. G. T. Mitton. 2,129,306; Sept. 6.
Brush holder. J. Pekrol. 2,129,150; Sept. 6.
Building. K. F. Otto. 2,129,441; Sept. 6.
Building block. J. Hickl. 2,129,211; Sept. 6.
Building construction. H. G. Hauch. 2,129,423; Sept. 6.
Bulb and socket, Antitheft. M. Mollan. 2,129,379; Sept. 6.
Burners, System of control for. H. E. Lake. 2,129,094; Sept. 6.
Butterfat in cream, Determining. R. E. Wood. 2,129,516; Sept. 6.
Button snap. F. L. Kelly. 2,129,356; Sept. 6.
Cabinet: *See*—
Storage cabinet.
Cabinet for loudspeakers. L. C. Roy. 2,129,184; Sept. 6.
Cable: *See*—
Electric cable.
Caisson. W. F. Schmidt and T. J. Bresina. 2,129,336; Sept. 6.
Calendar, Booklet. R. P. Dickerson. 2,128,989; Sept. 6.
Calk for boots and shoes, Detachable. C. T. Barnes. 2,128,891; Sept. 6.
Camera, Automatic. W. R. Goehner. 2,129,001; Sept. 6.
Camera with range finder. H. Nagel. 2,129,229; Sept. 6.
Camphene, Preparing. C. O. Henke and G. Etzel. 2,129,323; Sept. 6.
Can turning machine. I. H. Kendall. 2,129,137; Sept. 6.
Canopy for baby carriages, Net. J. M. Bramnick. 2,129,080; Sept. 6.
Cap: *See*—
Milk bottle cap.
Caps, Making spot. A. Leenaards. 2,129,330; Sept. 6.
Capping device. E. Pommer. 2,129,359; Sept. 6.
Car body, Rail. E. J. W. Ragsdale and A. G. Dean. 2,129,235; Sept. 6.
Car construction. O. C. Duryea. 2,129,543–5; Sept. 6.
Car wheel. H. E. Jordan. 2,129,178; Sept. 6.
Cards, Sensitizing and processing. I. B. Current. 2,129,302; Sept. 6.
Carton for motion picture films, Shipping. W. W. Crouch and A. I. Hess. 2,129,198; Sept. 6.
Carton, Hermetically sealed. S. Bergstein. 2,128,893; Sept. 6.

Cartons, barrels, and the like, Manufacture of. E. P. Gabbott and R. P. Peters. 2,129,573; Sept. 6.
Casings, Method and apparatus for making well. E. F. Dooley. 2,129,570; Sept. 6.
Caster. W. F. Herold. 2,129,579; Sept. 6.
Casting apparatus, Direct. E. B. Hudson. 2,128,942; Sept. 6.
Catalyst and catalytic process. P. L. Salzberg. 2,129,507; Sept. 6.
Cathode ray tube. K. Schlesinger. 2,129,033; Sept. 6.
Cement testing device. R. Bortsch. 2,129,043; Sept. 6.
Cellulose acetate, Hydrolyzed. C. R. Fordyce. 2,129,052; Sept. 6.
Chain and making the same. F. H. Dalrymple. 2,129,407; Sept. 6.
Chain conveyer. H. H. Morgan. 2,129,380; Sept. 6.
Chair: *See*—
Folding chair.
Chair and crutch, Combination wheeled. N. G. Bowser. 2,129,260; Sept. 6.
Chamber, Rock wool blow. A. F. Miller. 2,129,434; Sept. 6.
Characters, Apparatus for printing. J. N. Loop. 2,129,065; Sept. 6.
Chuck, Crankshaft. W. F. Groene and W. R. Mayer. 2,129,271; Sept. 6.
Circuit: *See*—
Frequency control circuit. Signal transmission control circuit.
Gain control circuit. Volume control circuit.
Noise limiting circuit.
Circuit controller for toy railroads. J. L. Bonanno. 2,129,258; Sept. 6.
Circuits, Automatic noise suppression. W. V. Roberts. 2,129,029; Sept. 6.
Circuits, Automatic volume control. D. E. Foster. 2,128,996; Sept. 6.
Clasp, Extensible bracelet. J. Dalo. 2,129,518; Sept. 6.
Claw and registration pin mechanism. A. Kindelmann, J. Pearlman, and W. Ostrander. 2,129,093; Sept. 6.
Clay and the like, Revivification of. S. W. Ferris and H. C. Cowles, Jr. 2,128,931; Sept. 6.
Cleaner: *See*—
Flue cleaner. Windshield cleaner.
Gas cleaner.
Clip: *See*—
Paper clip.
Clock, Space time. S. F. and K. O. Smyser. 2,128,970; Sept. 6.
Closure for containers. T. L. Varker. 2,129,250; Sept. 6.
Closures in open positions, Device for holding hinged. H. H. Edele. 2,129,412; Sept. 6.
Cloth cutting machine. S. Segal. 2,129,632; Sept. 6.
Cloth shearing machine. C. G. Richardson. 2,129,236; Sept. 6.
Clothes drier. P. Barry and W. Wilds. 2,128,892; Sept. 6.
Clothes drier. R. J. Jenks. 2,129,425; Sept. 6.
Clothes drier, Rotatable. R. J. Jenks. 2,129,426; Sept. 6.
Clutch: *See*—
Friction clutch. Vacuum power clutch.
Clutch. A. P. A. ten Broek. 2,129,108; Sept. 6.
Clutch automatic transmission, Fluid. B. A. Swennes. 2,129,366; Sept. 6.
Clutch control, Automatic. A. E. Fisher. 2,129,350; Sept. 6.
Clutch or brake, Automatic centrifugal. A. Anderton. 2,128,980; Sept. 6.
Clutch plate. D. E. Gamble. 2,129,372; Sept. 6.
Coal handling. R. E. Burk. 2,128,913; Sept. 6.
Coating composition. E. W. Trolander and W. C. Wilson. 2,129,156; Sept. 6.
Coffee brewing device. C. M. Nevius. 2,129,587; Sept. 6.
Coins, Apparatus for separating genuine and spurious. F. E. A. Wallin, and K. T. and C. G. Johnson. 2,129,512; Sept. 6.
Collimating apparatus for aligning prism-type binoculars. W. O. Hammer. 2,129,130; Sept. 6.
Color filter. C. Bocca and L. Amati. 2,129,195; Sept. 6.
Colostomy appliance. H. P. Geisler. 2,129,054; Sept. 6.
Comestibles, Freezing and preserving. W. J. Finnegan. 2,129,572; Sept. 6.
Composition comprising a polyvinyl formaldehyde acetal resin, Flowable. R. H. Talbot and B. E. Gramkee. 2,129,449; Sept. 6.
Composition for fruits and the like, Protective. W. H. Tisdale and A. L. Flenner. 2,128,973; Sept. 6.
Compressor, Long stroke horizontal type air. W. B. Hale. 2,128,937; Sept. 6.
Condenser: *See*—
Electrical condenser. Electrolytic condenser.
Condenser. F. J. Given. 2,129,000; Sept. 6.
Condenser. J. A. Kater. 2,129,008; Sept. 6.
Condiment, Smoke flavoring. S. E. Colgin. 2,129,047; Sept. 6.
Conical paper cup. F. T. Krein and T. H. Alfreds. 2,129,498; Sept. 6.
Connecter: *See*—
Battery-post connecter. Unit connecter.
Electrical connecter.
Container: *See*—
Extrusion container.
Container. D. Belcher. 2,128,904; Sept. 6.
Container. B. W. Brown. 2,129,462; Sept. 6.
Container. H. J. Miller. 2,128,953; Sept. 6.
Container. H. M. Nicholls. 2,128,959; Sept. 6.
Containers by electrodeposition, Making seamless metallic. A. O. Ross. 2,129,479; Sept. 6.
Container closure. F. B. Busch. 2,129,159; Sept. 6.
Container for film magazines, Shipping. W. N. Schuler. 2,129,447; Sept. 6.
Container for pencils and the like. H. J. Hassenfeld. 2,129,175; Sept. 6.
Containers, Forming extrusion. C. Davis. 2,129,120; Sept. 6.
Control apparatus. E. C. Raney. 2,129,151; Sept. 6.
Control, Automatic. F. W. Severin. 2,129,482; Sept. 6.
Control device. W. S. Landon. 2,129,490; Sept. 6.
Control switch, Direction indicator. E. F. Beaverstock. 2,129,558; Sept. 6.
Control system. D. C. Hoffmann. 2,129,528; Sept. 6.
Control system and apparatus for heating. H. R. Crago. 2,129,526; Sept. 6.
Control system for electrical fare boxes, Electrical. J. W. Baur, H. Van Zuilen, and C. F. Rogier. 2,128,900; Sept. 6.
Conveyer. J. M. Spears. 2,129,337; Sept. 6.
Conveyer mechanism. W. J. Taylor. 2,129,510; Sept. 6.
Cooling apparatus. D. W. R. Morgan. 2,129,097; Sept. 6.
Copper monochlorophthalocyanine and making it. R. P. Linstead and C. E. Dent. 2,129,013; Sept. 6.
Core barrel mounting. W. E. Burke and M. T. Works. 2,128,914; Sept. 6.
Core for electrical apparatus, Laminated. R. Pohl. 2,129,535; Sept. 6.
Cork composition and product produced thereby, Making. S. C. Bond. 2,128,894; Sept. 6.
Cotter pin. F. M. Guy. 2,129,420; Sept. 6.
Cottons, Method and apparatus for manufacturing feather. M. Koga. 2,129,219; Sept. 6.
Counter, Dust. G. Fassin. 2,129,527; Sept. 6.
Coupler centering device, Car. G. G. Gilpin. 2,129,173; Sept. 6.
Coupler operating device, Car. S. H. Conwell. 2,129,165; Sept. 6.
Coupler, Rod line. E. L. McIntyre. 2,129,067; Sept. 6.
Cover: *See*—
Slip cover.
Crease retaining means for garments. L. G. Bowman. 2,129,403; Sept. 6.
Crib, Baby. R. H. Akin. 2,128,978; Sept. 6.
Crib side lock. H. W. Neunherz. 2,129,533; Sept. 6.
Current measuring device, Alternating. R. Schienemann. 2,129,287; Sept. 6.
Current transformer. G. Camilli. 2,129,524; Sept. 6.
Curtain fixture. D. T. Graham. 2,129,419; Sept. 6.
Cut-out, Ignition. J. J. Jwanouskos, Jr., G. C. Lundgren, and J. D. Swan, Jr. 129,062; Sept. 6.
Cutter: *See*—
Gear cutter.
Cutting die. V. W. Short. 2,129,448; Sept. 6.
Cylinder head for internal combustion engines. C. A. and D. A. Gants. 2,129,319; Sept. 6.
Damper control device. H. Rosenberg. 2,129,505; Sept. 6.
Deceleration control device, Automatic. A. G. H. Vanderpoel. 2,129,608; Sept. 6.
Decorative hanging. G. F. Brooks. 2,128,911; Sept. 6.
Deicing attachment for airplane propellers. W. C. Clay. 2,129,565; Sept. 6.
Dental device. G. M. Hollenback. 2,129,212; Sept. 6.
Detector. K. Schlesinger. 2,129,037; Sept. 6.
Diagnostic instrument. F. C. Wappler. 2,129,390; Sept. 6.
Dial, Illuminated. C. G. Ely and E. H. Allen. 2,129,169; Sept. 6.
Dial test indicator. C. C. Street. 2,129,311; Sept. 6.
Diazonium salt, Solid. F. Keller and W. Koch. 2,129,136; Sept. 6.
Die: *See*—
Cutting die.
Dielectric media, Insulating. W. Lommel and R. Engelhardt. 2,129,146; Sept. 6.
Diffusing screen. C. W. Sherman. 2,129,154; Sept. 6.
Discharge tube. H. G. Boumeester. 2,129,314; Sept. 6.
Dispenser: *See*—
Sugar dispenser.
Dispensing device. W. H. Sands and H. N. Moore. 2,129,627; Sept. 6.
Dispensing machine. A. O. Simmons. 2,129,185; Sept. 6.
Display device. N. A. Arend. 2,129,519; Sept. 6.
Display device. C. Roberts. 2,129,023; Sept. 6.
Display stand. C. A. Follett. 2,129,122; Sept. 6.
Dithanoso-titanic-carboxide, Preparation of. C. J. Kinzie and E. Wainer. 2,129,161; Sept. 6.
Door: *See*—
Oven door. Overhead door.
Door locking and operating device, Cell. D. Fries, Sr., and D. G. Fries, Jr. 2,129,171; Sept. 6.
Drawer pull. D. A. Morand. 2,129,475; Sept. 6.
Drawing board. M. K. von Zimmermann. 2,129,457; Sept. 6.
Dredge, Clamshell. J. C. Williams. 2,129,158; Sept. 6.
Drier: *See*—
Clothes drier.
Drier. A. S. J. Hopkins. 2,129,214; Sept. 6.

Drier for cotton treating machines. J. A. Streun. 2,129,630; Sept. 6.
Drill: *See*—
Rockdrill.
Drill hood, Rock. L. C. Smith. 2,129,509; Sept. 6.
Dyestuffs of the anthracene series. F. Lodge and C. H. Lumsden. 2,129,014; Sept. 6.
Ejector fuse plug. M. Stewart. 2,129,309; Sept. 6.
Electric cable, Insulated. E. W. Trolander and W. C. Wilson. 2,129,157; Sept. 6.
Electric sign. A. Varkonda. 2,129,595; Sept. 6.
Electric switch. C. H. Schneider. 2,129,591; Sept. 6.
Electrical condenser. W. Dubilier. 2,128,990; Sept. 6.
Electrical connecter. J. J. Burns. 2,129,044; Sept. 6.
Electrical controlling apparatus and method. E. E. Littlefield. 2,129,331; Sept. 6.
Electrical distribution system. L. C. Fisher and W. H. Frank. 2,128,995; Sept. 6.
Electrical distribution system. W. H. Frank and L. C. Fisher. 2,129,170; Sept. 6.
Electrical measuring instrument. W. Duperron. 2,129,204; Sept. 6.
Electrical switch. O. Froland. 2,129,270; Sept. 6.
Electrolytic condenser. J. T. Hood. 2,129,089; Sept. 6.
Emulsion, Bituminous. B. Foster and C. J. Seydel. 2,129,416; Sept. 6.
Emulsion, Print-out. G. E. Fallesen and C. J. Staud. 2,129,207; Sept. 6.
Enamel to can bodies, Apparatus for applying. A. L. Kronquest. 2,129,220; Sept. 6.
End mill. C. G. Gase. 2,129,417; Sept. 6.
Endoscopic instrument. F. C. Wappler. 2,129,391; Sept. 6.
Engine: *See*—
Internal combustion engine. Rotary engine.
Envelope, Bank deposit. E. B. Berkowitz. 2,129,192; Sept. 6.
Equalizing valve. N. O. Johnston. 2,129,216; Sept. 6.
Ether esters, Aralkyl. S. L. Bass and E. M. Van Duzee. 2,128,901; Sept. 6.
Ethers of hydroxy benzoates, Aralkyl. S. L. Bass and E. M. Van Duzee. 2,128,902; Sept. 6.
Ethers of the hydroxy-benzoates, Aralkyl. E. M. Van Duzee and S. L. Bass. 2,128,975; Sept. 6.
Explosive device, Blasting. J. Taylor and W. Young. 2,129,388; Sept. 6.
Explosive, Molded. J. E. Slusser. 2,129,508; Sept. 6.
Explosives, Gelatinous or semigelatinous blasting. V. H. Williams and G. W. Foster. 2,128,367; Sept. 6.
Extrusion container. C. Davis. 2,129,119; Sept. 6.
Fabric for use in the manufacture of shoes. W. D. Clement. 2,129,344; Sept. 6.
Fabric, Plating knit. H. N. Sheppard. 2,129,593; Sept. 6.
Fan and blower. G. L. Heck. 2,129,468; Sept. 6.
Farm products loading and distribution device. J. C. Whiteside. 2,129,252; Sept. 6.
Fastening for attaché and suit cases and the like, Bolt and hasp. C. W. Cheney. 2,129,117; Sept. 6.
Feeder. F. L. Talmage. 2,129,451; Sept. 6.
Fiber liberation. J. H. Estes. 2,128,928; Sept. 6.
Filaments and apparatus therefor, Treating artificial. A. Hartmann and J. Uytenbogaart. 2,129,274; Sept. 6.
Filaments, Drying artificial. A. Hartmann and J. Uytenbogaart. 2,129,273; Sept. 6.
Film color controlling apparatus, Picture. K. R. Hoyt. 2,129,060; Sept. 6.
Filter: *See*—
Color filter.
Filter. E. L. Wood. 2,129,188; Sept. 6.
Filter for change of wave, Band-pass. R. Weber. 2,129,293; Sept. 6.
Fire alarm, police alarm, and intercommunicating system, Combined. B. E. Cover. 2,129,345; Sept. 6.
Firecrackers and the like, Device for holding. R. E. Schooley. 2,129,039; Sept. 6.
Fire extinguisher. F. A. Dodelin. 2,129,465; Sept. 6.
Fish lure. W. J. Stenstrom. 2,129,245; Sept. 6.
Fishing bobber. W. S. Barnhart. 2,128,899; Sept. 6.
Fishing reel. E. B. Perrine. 2,129,443; Sept. 6.
Fishing reel. J. V. Schafer. 2,129,386; Sept. 6.
Flare, Upside down. P. E. Damon. 2,129,200; Sept. 6.
Flat screen. E. E. Johnson. 2,129,428; Sept. 6.
Flooring material and making the same. F. H. Manchester. 2,129,622; Sept. 6.
Fluid operated tool. J. C. Curtis. 2,129,566; Sept. 6.
Fluorine compounds, Manufacture of new. J. Söll. 2,129,289; Sept. 6.
Flue cleaner. E. W. Jacobson. 2,129,091; Sept. 6.
Fluid control means. G. E. Pickup. 2,129,100; Sept. 6.
Fluid flow to internal combustion engines, Automatic means for controlling. A. G. H. Vanderpoel. 2,129,610; Sept. 6.
Fluid treating apparatus. C. L. Howse and H. E. Brelsford. 2,129,215; Sept. 6.
Folding chair. C. A. Buffington. 2,128,912; Sept. 6.
Food, Plant. C. Northen. 2,129,334; Sept. 6.
Footwear. A. Szerenyi and H. Rollmann. 2,129,106; Sept. 6.
Force transmission apparatus, Mechanical. H. A. Douglas. 2,129,303; Sept. 6.
Fork, Weighing. E. C. Chandler. 2,129,564; Sept. 6.
Form, Commercial mailing. J. A. Holden. 2,129,581; Sept. 6.
Form or mold, Concrete. E. M. Forbes. 2,129,208; Sept. 6.
Frame: *See*—
Handweaving frame.
Frequency control circuit, Automatic. D. E. Foster. 2,128,997; Sept. 6.
Frequency control circuit, Automatic. D. E. Foster. 2,129,085; Sept. 6.
Frequency control circuit, Automatic. D. E. Foster. 2,129,123; Sept. 6.
Friction clutch. C. A. Ruesenberg and M. Willene. 2,129,361; Sept. 6.
Fruit segments, Apparatus for segmenting integument free. R. Polk, Jr. 2,129,101; Sept. 6.
Fruits, particularly dates, Treatment of. F. B. Doyle. 2,128,919; Sept. 6.
Fuel distributor. P. A. Ketchpel. 2,129,278; Sept. 6.
Fuel feed in internal combustion engines, Apparatus for controlling the. G. Wünsch and W. Gerisch. 2,129,613; Sept. 6.
Fuel, Improving motor. W. E. Kuentzel, T. A. Geissman and H. R. Batchelder. 2,129,142; Sept. 6.
Fuel mixture and scavenging gas control device, Automatic. A. G. H. Vanderpoel. 2,129,609; Sept. 6.
Fuel, Motor. A. L. Blount and H. G. Reiber. 2,129,193–4; Sept. 6.
Fuel, Motor. L. M. Christensen. 2,128,987; Sept. 6.
Fumigation. A. Hartzell, F. Wilcoxon, and W. J. Youden. 2,129,275; Sept. 6.
Furnace wall construction. S. H. Lanyon. 2,129,328; Sept. 6.
Gain control circuit, Automatic. W. V. Roberts. 2,129,028; Sept. 6.
Game board. J. R. Christian. 2,128,988; Sept. 6.
Garment. H. Berman. 2,129,486; Sept. 6.
Garment with detachable hood. H. Wilkie. 2,129,451; Sept. 6.
Garter. F. W. Keeler. 2,129,092; Sept. 6.
Gas cleaner. W. L. Buchs. 2,129,490; Sept. 6.
Gas lift pump. J. E. Hoover. 2,129,090; Sept. 6.
Gas, Making combustible. C. I. Tenney. 2,129,248; Sept. 6.
Gas, Manufacturing carbureted water. L. J. Willien and L. Stein. 2,129,341; Sept. 6.
Gauge for clippers, Veneer. H. B. Iben. 2,129,133; Sept. 6.
Gear: *See*—
Steering gear.
Gear change operating means. S. J. Boughton. 2,129,259; Sept. 6.
Gear cutter. J. E. Gleason. 2,129,056; Sept. 6.
Gear cutter. E. Wildhaber. 2,129,077; Sept. 6.
Gear shifting mechanism. P. M. Carter and D. F. Linsley. 2,129,083; Sept. 6.
Gin system. J. A. Streun. 2,129,312; Sept. 6.
Glassware forming apparatus. E. G. Bridges. 2,129,614; Sept. 6.
Go-cart for babies. O. B. Cramer and H. L. Blystone. 2,129,316; Sept. 6.
Goggles. J. W. Aspenleiter. 2,129,521; Sept. 6.
Golf club. W. F. Reach. 2,129,068; Sept. 6.
Grain separator. C. S. Van Sickle. 2,129,452; Sept. 6.
Grinder, Crankshaft. U. G. Willis. 2,129,253; Sept. 6.
Guide and stop for refrigerators. C. H. Steenstrup. 2,129,539; Sept. 6.
Guide, Traffic. M. A. Mulieri. 2,129,503; Sept. 6.
Gum massaging appliance. R. W. Byrer. 2,129,082; Sept. 6.
Gun carriage. A. P. Buquor. 2,129,315; Sept. 6.
Gun, Swatter. J. E. Kahler. 2,129,217; Sept. 6.
Gyroscopic instrument. W. Möller. 2,129,586; Sept. 6.
Hair curling apparatus. J. De Duke. 2,129,121; Sept. 6.
Hair drying apparatus. H. Juengst. 2,129,471; Sept. 6.
Hand weaving frame. H. M. Zippel. 2,129,297; Sept. 6.
Handle. C. H. Hemming. 2,129,355; Sept. 6.
Handle. W. F. Leland. 2,129,095; Sept. 6.
Handle attaching device. R. Criceo. 2,129,263; Sept. 6.
Hanger: *See*—
Skirt hanger.
Health apparatus. R. Cole. 2,129,262; Sept. 6.
Heat exchange element. O. W. and H. G. Mojonnier. 2,129,473; Sept. 6.
Heat interchanger, Spiral. F. R. Bichowsky. 2,129,300; Sept. 6.
Heat sensitive compositions. S. E. Sheppard and W. Vanselow. 2,129,242; Sept. 6.
Heater and resistance, Electrical. R. A. Clay. 2,129,046; Sept. 6.
Heater for internal combustion engines, Carburetor. J. Driscoll. 2,129,571; Sept. 6.
Heating system. W. J. Hajek. 2,129,272; Sept. 6.
Heel, Detachable. H. N. Pearson. 2,129,099; Sept. 6.
Hobbyhorse. S. N. Holman. 2,129,176; Sept. 6.
Holder: *See*—
Brush holder. License plate holder.
Key holder. Mirror holder.
Hook: *See*—
Husking hook.
Hopper for fuel stokers. C. Scholl. 2,128,968; Sept. 6.
Hormones, Recovery of. H. L. P. Kjems. 2,129,584; Sept. 6.

Hose and garter, Combined half. G. S. Van Voorhis. 2,129,291; Sept. 6.
Husking hook. H. J. Kelly. 2,129,218; Sept. 6.
Hydrant or the like and breakable connection therefor, Sectional. E. L. Rowe and E. A. Rutledge. 2,129,032; Sept. 6.
Hydraulic motor. T. Selfer. 2,129,104; Sept. 6.
Hydrocarbons, Conversion of. J. P. Furlong. 2,129,269; Sept. 6.
Hydrometer, Indicating. R. H. Hill. 2,129,617; Sept. 6.
Hydroquinone from quinone, Preparation of. K. Kleimenhagen. 2,129,429; Sept. 6.
Ice cubing machine. C. Buffehr. 2,129,116; Sept. 6.
Ignition device. J. A. and C. H. Rook. 2,129,239; Sept. 6.
Ignition system. A. and E. L. R. Lysholm. 2,129,472; Sept. 6.
Indicator: *See*—
Dial test indicator.
Indicator for echo sounding apparatus, Visual. D. O. Sproule. 2,129,155; Sept. 6.
Injector. A. Williams, J. E. Mourne, and E. Henkel. 2,129,515; Sept. 6.
Ink, Apparatus for setting printing. F. J. Jeuck. 2,129,277; Sept. 6.
Inkwell. A. S. A. de Melo. 2,129,409; Sept. 6.
Insecticide. A. Rieche, H. Maier-Bode, and W. Eckardt. 2,129,025; Sept. 6.
Internal combustion engine. G. R. Gehrandt. 2,129,172; Sept. 6.
Ironing machine. G. A. Schettler. 2,129,152; Sept. 6.
Joint: *See*—
Separable joint. Spline panel joint.
Junction box mechanism. J. Pehlke. 2,129,442; Sept. 6.
Key holder. C. A. Murray. 2,129,436; Sept. 6.
Knife grinding attachment. S. Rubenstein and H. Amazon. 2,129,538; Sept. 6.
Knitting device and process of knitting. J. H. Woolhiser. 2,129,393; Sept. 6.
K-strophanthine-B., Manufacture of. J. Renz. 2,129,285; Sept. 6.
Key cutting machine, Lock. H. F. George and J. G. Howard. 2,129,087; Sept. 6.
Knitting. O. Sauer. 2,129,385; Sept. 6.
Knitting machine, Circular. P. Sander. 2,129,103; Sept. 6.
Knitting machine, Independent needle. A. E. Page. 2,129,148; Sept. 6.
Knotter. E. J. Abbott. 2,128,896; Sept. 6.
Labeling machine, Bottle top. D. Carlstein. 2,129,045; Sept. 6.
Ladder, Flexible utility. F. Botinger and C. Schreier. 2,129,401; Sept. 6.
Lamp: *See*—
Arc lamp. Mercury vapor lamp.
Lathe dog. A. C. Pacher. 2,129,476; Sept. 6.
Lead and/or tin metal, Treating impure. F. Rehns. 2,129,445; Sept. 6.
Lead-in for radio receivers. L. H. Van Billiard. 2,129,540; Sept. 6.
Leak-sealing and rust preventing composition. C. A. Benoit. 2,129,459; Sept. 6.
Leatherboard, Making. H. W. Richter. 2,128,965; Sept. 6.
Lehr construction. J. F. Greene. 2,129,057; Sept. 6.
Lens, Contact. W. Feinbloom. 2,129,304–5; Sept. 6.
Lens and diaphragm assembly. T. M. Brueck. 2,129,562; Sept. 6.
Lens, Bifocal. D. Slotsky. 2,129,243; Sept. 6.
Lenses, Abrading. K. C. Burroughs. 2,129,522; Sept. 6.
License plate holder. I. L. Patton. 2,129,149; Sept. 6.
Light fixture, Electric. C. Poling. 2,129,335; Sept. 6.
Lighter, Electric cigar. A. A. Johnson. 2,129,374; Sept. 6.
Link Repair. J. D. Harris. 2,129,354; Sept. 6.
Liquid distribution apparatus. H. J. McCreary. 2,129,502; Sept. 6.
Liquid meter. G. H. Lancaster. 2,129,144; Sept. 6.
Liquid pump. K. Schoene. 2,129,073; Sept. 6.
Liquid purification plant. R. B. Morse. 2,129,181; Sept. 6.
Liquids, Device for the transportation and distribution of. J. L. R. Bancons. 2,129,113; Sept. 6.
Liquor feed for drum driers. C. O. Lavett. 2,129,329; Sept. 6.
Load indicator for motor vehicles. A. A. Clemens. 2,129,343; Sept. 6.
Lock: *See*—
Adjustable cord lock. Crib side lock.
Lock. H. V. Holland. 2,129,324; Sept. 6.
Lock for accordions, Bellows. F. Stuchly. 2,129,247; Sept. 6.
Lock washer. A. Hall and W. T. Young. 2,128,938; Sept. 6.
Locket. L. S. Chilson. 2,129,491; Sept. 6.
Locking mechanism. E. T. Miller. 2,129,228; Sept. 6.
Loose leaf device. A. M. Martin. 2,129,224; Sept. 6.
Luminescent material and preparing same. H. W. Leverenz. 2,129,096; Sept. 6.
Machine for cementing patches on shoe soles. H. R. Myers. 2,129,437; Sept. 6.
Machine for forming separable fasteners. N. J. Poux. 2,129,444; Sept. 6.
Machine for making book binder elements. V. Catini. 2,129,605; Sept. 6.
Machine for making cement blocks and the like. G. Robillard. 2,129,162; Sept. 6.
Machine for producing frozen confections. E. L. Elwell. 2,128,992; Sept. 6.
Machine for uniting loose leaves and binder elements. V. Catini. 2,129,604; Sept. 6.
Machine tool. M. E. Lange and N. P. Darash. 2,128,950; Sept. 6.
Machine tool. M. E. Lange and J. J. N. Van Hamersveld. 2,129,280; Sept. 6.
Magazine, Two-color rocking. R. G. Turner. 2,128,974; Sept. 6.
Magnesium-boron alloy. A. G. de Golyer. 2,129,348; Sept. 6.
Magnetogenerator. L. H. Scott. 2,129,633; Sept. 6.
Maleic anhydride, Purification of. J. H. Crowell. 2,129,166; Sept. 6.
Manganese alloy. A. G. de Golyer. 2,129,347; Sept. 6.
Manikin and making the same. L. R. Hales. 2,129,421; Sept. 6.
Marble shooter. E. A. Boerger. 2,129,461; Sept. 6.
Marking tube. F. A. Sturm and G. J. Petricek. 2,129,186; Sept. 6.
Match book. F. J. Redcliffe. 2,129,102; Sept. 6.
Material and making same, Coated fibrous sheet and web. E. Gebauer-Fuelnegg and E. W. Moffett. 2,129,370; Sept. 6.
Material in rotary furnaces, Apparatus for electrically treating. Bo M. S. Kalling and N. A. V. Paulsson. 2,129,007; Sept. 6.
Material, Method of and apparatus for separating composite. J. H. Dickerson. 2,128,918; Sept. 6.
Material, Processing photographic sensitized. R. H. Draeger. 2,128,921; Sept. 6.
Mattress and spring assembly therefor. A. J. Schob. 2,129,038; Sept. 6.
Measuring apparatus. O. S. Gibbs. 2,129,055; Sept. 6.
Mechanism for adjusting the sickle of a mowing machine, Power actuated. J. H. Morris. 2,129,435; Sept. 6.
Member to a container, Attaching an opening. C. J. Johansson. 2,129,583; Sept. 6.
Members coated with rubber, Method and apparatus for heat-treating metallic. R. A. Dufour and H. A. Leduc. 2,129,203; Sept. 6.
Mercurials and making them, Oil-soluble. M. S. Kharasch. 2,129,376; Sept. 6.
Mercury vapor lamp. J. W. Marden and G. Meister. 2,129,357; Sept. 6.
Metal structures, Direct casting of sheetlike. E. B. Hudson. 2,128,941; Sept. 6.
Meter: *See*—
Ampere-squared-hour meter. Photoelectric exposure meter.
Liquid meter.
Meter construction, Polyphase watt-hour. F. Kurz. 2,129,010; Sept. 6.
Milk bottle cap. F. B. Cole. 2,129,406; Sept. 6.
Mill: *See*—
End mill.
Milling machine. A. Oberhoffken. 2,128,960; Sept. 6.
Milling machine or other machine tool, Regulating the rate of feed of a. J. E. Doran. 2,129,049; Sept. 6.
Milling tool. C. G. Gase. 2,129,418; Sept. 6.
Mineral concentrator. R. Smith. 2,129,244; Sept. 6.
Mineral separating machine. J. A. Slaughter. 2,129,629; Sept. 6.
Mirror holder. R. F. Alder. 2,129,189; Sept. 6.
Mirror novelty, Flexible. A. F. Wegener. 2,129,513; Sept. 6.
Moistener for duplicating machines. S. Kokay. 2,129,179; Sept. 6.
Mold for plastic materials and making the same. A. O. Fuhrmann. 2,129,268; Sept. 6.
Molding machine. J. Flammang and P. L. Bowser. 2,129,351; Sept. 6.
Molding machine. L. C. Goad, R. Haubursin, and E. W. Beekman. 2,129,127; Sept. 6.
Motor: *See*—
Hydraulic motor.
Motor vehicle. C. R. Paton. 2,129,232; Sept. 6.
Mounting: *See*—
Core barrel mounting. Turret mounting.
Mounting apparatus. J. Uytenbogaart. 2,129,283; Sept. 6.
Multigrid tube. S. Loewe. 2,129,016; Sept. 6.
Muzzle attachment for guns. S. G. Green. 2,128,936; Sept. 6.
Navigational instrument, Gyroscopic. D. G. K. Moss. 2,128,956; Sept. 6.
Needle, Knitting machine. N. Kataja. 2,129,327; Sept. 6.
Noise limiting circuit, Receiver. W. V. Roberts. 2,129,027; Sept. 6.
Nozzle, Dispensing. E. H. Tompkins and J. H. Tobler. 2,129,511; Sept. 6.
Nozzle, Self cleaning spray. R. L. Lincoln. 2,129,145; Sept. 6.
Nut locking device. H. Kriwat. 2,129,009; Sept. 6.
Nut retainer for split shank connecters. W. G. Fotsch. 2,129,086; Sept. 6.
Oarlock, Front facing. A. C. Kahn. 2,129,006; Sept. 6.
Objects, Coated. G. D. Patterson. 2,128,962; Sept. 6.
Odor expeller, Toilet. G. H. Davis. 2,129,048; Sept. 6.
Oil conversion, Hydrocarbon. A. P. Sachs. 2,129,506; Sept. 6.

Oil or petroleum to elevated temperatures, Method of and apparatus for heating. F. H. Praeger. 2,129,589; Sept. 6.
Oil, Treatment of heavy. W. H. Carmody. 2,128,985; Sept. 6.
Oil, Treatment of soya bean. A. K. Epstein. 2,128,925–7; Sept. 6.
Oils, Conversion of hydrocarbon. C. H. Angell. 2,128,897–8; Sept. 6.
Oils, Lubricating. B. H. Lincoln and G. D. Byrkit. 2,129,281; Sept. 6.
Oils, Manufacture of improved lubricating. W. Grote and A. Hoppe. 2,129,616; Sept. 6.
Oils, Refining mineral lubricating. M. Mueller-Cunradi and R. Uloth. 2,128,958; Sept. 6.
Oils, Refining mineral lubricating. J. M. Page, Jr. 2,129,282; Sept. 6.
Olefine, Producing beta. R. D. Snow. 2,128,971; Sept. 6.
Ophthalmic mounting. J. W. Aspenleiter. 2,129,520; Sept. 6.
Organic compounds, Nitrogen-containing. F. B. Downing and F. W. Johnson. 2,129,264; Sept. 6.
Oven door. C. C. Turner. 2,129,339; Sept. 6.
Overhead door. H. B. Lewis. 2,129,221; Sept. 6.
Package making machine. F. E. Bickford. 2,128,982; Sept. 6.
Packing box, Fitted shoe. G. Mann. 2,129,501; Sept. 6.
Pad: *See*—
Writing pad.
Pad and cushion, Seat. E. P. Harley. 2,129,353; Sept. 6.
Pad and method, Hair waving. B. A. Sterling. 2,129,246; Sept. 6.
Pane securing means. E. Bugatti. 2,129,404; Sept. 6.
Panel, Laminated. G. R. Cunnington. 2,129,167; Sept. 6.
Panel, Laminated. M. S. Randall. 2,129,308; Sept. 6.
Paper and making same, Safety. F. L. Simons and M. W. Weiss. 2,129,363; Sept. 6.
Paper and making safety paper, Safety. F. L. Simons and M. W. Weiss. 2,129,362; Sept. 6.
Paper, Apparatus for sizing photographic. J. C. Trahey. 2,129,249; Sept. 6.
Paper clip. R. H. Colomy. 2,129,160; Sept. 6.
Paperboard article, Indented. G. E. Bomberger. 2,129,488; Sept. 6.
Pellicle and the manufacture thereof. A. S. Hunter. 2,129,131; Sept. 6.
Pen. C. G. Gregory. 2,129,209; Sept. 6.
Pen, Fountain. W. F. Johnson. 2,129,134; Sept. 6.
Permanent wave protector. M. Krepistman. 2,129,430; Sept. 6.
Phenyl primary amines, Hydrogenation of. C. F. Winans. 2,129,631; Sept. 6.
Phonograph. G. A. White. 2,129,611–12; Sept. 6.
Photoelectric exposure meter, Multirange. A. Bernard and G. Beyrich. 2,129,114; Sept. 6.
Photographic apparatus. J. J. Johnson. 2,129,326; Sept. 6.
Pin: *See*—
Cutter pin.
Pinwheel feed. H. G. Dybvig. 2,128,924; Sept. 6.
Pipe support. A. J. E. Gealrns. 2,129,320; Sept. 6.
Pipes in chilled molds, Centrifugally casting. E. Piwowarsky. 2,129,382; Sept. 6.
Pistol, Firecracker. S. G. Anthony. 2,129,042; Sept. 6.
Piston for internal combustion motors. E. C. Long. 2,129,180; Sept. 6.
Planographic printing plate. G. S. Rowell. 2,129,071; Sept. 6.
Plants, Propagation of. P. W. Zimmerman and A. E. Hitchcock. 2,129,598–601; Sept. 6.
Plug: *See*—
Ejector fuse plug. Spark plug.
Pneumatic control valve. N. W. Dorman. 2,129,084; Sept. 6.
Polishing compound. H. Libovitz, W. Mueller, and W. Pfeiffer. 2,129,377; Sept. 6.
Polymerization process. O. Röhm. 2,129,478; Sept. 6.
Pot, Paper propagating. M. Leatherman. 2,129,190; Sept. 6.
Poultry, Seasoning. J. Mareta. 2,128,952; Sept. 6.
Pouring device, Multiple. M. G. Dumas and W. S. Orr. 2,129,050; Sept. 6.
Power attachment for washing machines, Portable. A. W. Altorfer. 2,128,979; Sept. 6.
Power generating apparatus. E. M. Evans. 2,129,413; Sept. 6.
Power liquid, Combustion. J. E. Bludworth. 2,128,910; Sept. 6.
Power transmission mechanism. J. H. Taylor. 2,129,107; Sept. 6.
Preparation of oxygenated compounds. J. E. Bludworth. 2,128,908–9; Sept. 6.
Press for connecting veneer or similar strips. F. Herr. 2,129,276; Sept. 6.
Prints, Manufacture of lenticular. J. Eggert and G. Heymer. 2,129,205; Sept. 6.
Product and process whereby prepared, Coated. G. D. Patterson. 2,128,961; Sept. 6.
Projector, Looped film motion picture. T. G. Frederick. 2,129,467; Sept. 6.
Propeller blades, Mounting. H. Ellinghausen. 2,129,206; Sept. 6.
Protector: *See*—
Permanent wave protector. Wallet protector.
Protector against sting ray, Foot. E. Montano. 2,129,226; Sept. 6.
Protector for switchboard operators, fingernail. A. Hollingsworth. 2,129,496; Sept. 6.
Protein powder from whey, Recovery of a soluble. A. Leviton. 2,129,222; Sept. 6.
Pulverizer, Rotary. M. Ariens. 2,129,298; Sept. 6.
Pump: *See*—
Gas lift pump. Suction pump.
Liquid pump.
Pump packing means. J. H. Roberts. 2,129,069; Sept. 6.
Pumping system. E. E. Vinson. 2,129,292; Sept. 6.
Rack. P. D. Archer. 2,129,396; Sept. 6.
Radiator apparatus and method. E. N. Wood. 2,129,254; Sept. 6.
Radiator shell. W. L. Morrison. 2,128,957; Sept. 6.
Radio antenna apparatus. S. M. Wertheimer. 2,129,514; Sept. 6.
Radio receiving system. P. O. Farnham. 2,128,993; Sept. 6.
Radio system for azimuth indication. F. W. Dunmore. 2,128,923; Sept. 6.
Radio system for short and broadcast waves, centralized. J. Weinberger. 2,129,075; Sept. 6.
Rail bond. E. M. Deems. 2,129,493; Sept. 6.
Rails, Apparatus for heat treating. P. Hunter, Jr. 2,129,552; Sept. 6.
Rayon treatment. W. H. Nicol. 2,129,623; Sept. 6.
Razor, Double edged safety. W. Osberghaus. 2,129,022; Sept. 6.
Razor stropping mechanism. D. G. McPeak. 2,129,378; Sept. 6.
Reading device for well survey records. A. Anderson. 2,129,395; Sept. 6.
Rectifiers, Manufacture of electrical. P. H. Dowling. 2,129,410; Sept. 6.
Reel: *See*—
Fishing reel.
Reflecting unit. R. W. Luce. 2,129,017; Sept. 6.
Refrigerating apparatus. A. O. Grooms. 2,129,373; Sept. 6.
Refrigeration apparatus, Steam jet. P. L. Fetzer. 2,129,098; Sept. 6.
Refrigerator. C. H. Andros. 2,129,255; Sept. 6.
Refrigerator. D. E. Rutishauser. 2,129,072; Sept. 6.
Registration apparatus, Lateral. Y. A. F. Danielsson. 2,129,567; Sept. 6.
Regulator: *See*—
Speed regulator.
Resettable switch. H. E. Schleicher. 2,129,592; Sept. 6.
Resinlike condensation-products. E. Schirm. 2,129,153; Resin, Polyvinyl acetal. R. H. Talbot. 2,129,450; Sept. 6.
Resinous reaction products of sulphur dioxide and olefines, Preparation of. L. H. Fitch, Jr. and F. E. Frey. 2,128,932; Sept. 6.
Road grading machine. M. F. Allen. 2,128,889; Sept. 6.
Rock drill. E. G. Gartin. 2,128,934–5; Sept. 6.
Roller feeding device. J. Uytenbogaart. 2,129,284; Sept. 6.
Rollers for fluid meters, Making thrust. C. Bachmann. 2,129,257; Sept. 6.
Roof. E. R. Shattuck. 2,129,288; Sept. 6.
Roofing element. T. Robinson. 2,129,030; Sept. 6.
Rope, Compound for lubricating wire. J. F. Hall. 2,129,422; Sept. 6.
Rotary engine. C. F. Lambin. 2,129,431; Sept. 6.
Rouge applicator, Lip. M. V. Eastley. 2,129,051; Sept. 6.
Rubber composition and preserving rubber. W. N. Jones. 2,128,944–5; Sept. 6.
Rubber composition and preserving rubber. W. N. Jones. 2,129,135; Sept. 6.
Rubber vulcanization. W. C. Calvert. 2,129,615; Sept. 6.
Safetypin. G. J. Behling and N. Dykstra. 2,129,191; Sept. 6.
Scouring implement. R. B. Kingman. 2,129,279; Sept. 6.
Screen: *See*—
Adjustable screen. Flat screen.
Diffusion screen.
Screed support. C. P. De Blasi. 2,129,568; Sept. 6.
Screen door spring. A. L. Timmons. 2,129,338; Sept. 6.
Screen for tobacco pipes. J. E. Groulx. 2,129,129; Sept. 6.
Screen for X-ray photographs. K. Würstlin and K. Grabbe. 2,129,295; Sept. 6.
Screen for X-ray photography. K. Würstlin. 2,129,296; Sept. 6.
Screw. C. G. Olson. 2,129,440; Sept. 6.
Screw threads, Method and apparatus for producing. W. Trurnit. 2,129,290; Sept. 6.
Seat or the like. F. E. Schumann. 2,129,481; Sept. 6.
Selector valve. A. L. Parker. 2,129,231; Sept. 6.
Separable joint. W. R. Lipp. 2,129,432; Sept. 6.
Separator: *See*—
Grain separator.
Sewage digestion. A. J. Fischer and N. B. Lund. 2,129,266; Sept. 6.
Sewage treatment. A. J. Fischer. 2,129,267; Sept. 6.
Sewing machine. L. G. Bowman. 2,129,402; Sept. 6.
Shaver, Electric vacuum. H. H. Blackwell. 2,129,559; Sept. 6.
Shaving implement. F. J. Lewando. 2,129,064; Sept. 6.
Shears. F. W. Haralson. 2,129,352; Sept. 6.
Sheet ejector, Double. J. H. O'Neil. 2,129,230; Sept. 6.
Sheet handling mechanism for web printing rotary presses. H. M. Barber. 2,128,981; Sept. 6.

Sheeting, Composite cellulose derivative. C. L. Wynd and W. H. Groth. 2,129,456; Sept. 6.
Shirt, Suspender. W. L. Guerin. 2,129,577; Sept. 6.
Shoe. A. O. Dahlberg. 2,129,492; Sept. 6.
Sign: *See*—
Electric sign.
Shutter actuator. H. H. Harmon. 2,129,210; Sept. 6.
Shutter operating mechanism. T. M. Brueck. 2,129,561; Sept. 6.
Signal: *See*—
Traffic control signal.
Signal. C. Adler, Jr. 2,129,602; Sept. 6.
Signal transmission control circuit, Automatic. D. Thierbach. 2,129,074; Sept. 6.
Signals, Apparatus for the control of highway crossing. P. P. Stoker. 2,129,310; Sept. 6.
Signaling and lighting installation for motor vehicles. M. Röttinger. 2,129,070; Sept. 6.
Signaling, Radio. J. W. Greig. 2,129,004; Sept. 6.
Silk reeling machine. G. S. Beckman. 2,128,903; Sept. 6.
Skirt hanger. H. D. and D. L. Wisehart. 2,129,455; Sept. 6.
Slab and coloring same, Limestone. F. and K. Bluem. 2,129,460; Sept. 6.
Slip cover, Furniture. L. Mednick. 2,129,225; Sept. 6.
Slots in concrete road surfaces, Producing dilation. A. Holter. 2,129,325; Sept. 6.
Socket for double filament lamps, Electric lamp. B. C. Webster. 2,129,597; Sept. 6.
Sodium chloride and sodium chlorite from aqueous solutions, Recovery of. G. L. Cunningham. 2,129,464; Sept. 6.
Soil disrupter. C. S. Van Sickle. 2,129,453; Sept. 6.
Soil erosion control device. R. O. Blyly. 2,129,560; Sept. 6.
Sole members and the shaping of shoe counters, Facilitating placing of. F. L. Ayers. 2,129,112; Sept. 6.
Solids, Treatment of. H. I. Waterman and C. Van Vlodrop. 2,129,596; Sept. 6.
Solvents from gases, Recovery of. F. R. Bishowsky. 2,129,299; Sept. 6.
Sound reducing appartus. R. S. Morse. 2,129,227; Sept. 6.
Spark plug. F. A. Gorny and A. J. Paters. 2,129,576; Sept. 6.
Spark plug, J. Grant. 2,129,003; Sept. 6.
Spectacles. F. M. Ashley. 2,129,458; Sept. 6.
Speed change mechanism. F. M. Klema. 2,129,138–9; Sept. 6.
Speed device, Thermostatically controlled variable. D. H. McGogy. 2,129,066; Sept. 6.
Speed regulator, Selected. O. J. Gilman. 2,129,575; Sept. 6.
Spline panel joint. E. A. Horn. 2,129,497; Sept. 6.
Spot crowns, Making center. J. B. Elsen. 2,129,349; Sept. 6.
Spring: *See*—
Screen door spring.
Spring for cars. F. K. Clar. 2,129,118; Sept. 6.
Sprinkler, Automatic. L. M. Lewis. 2,129,012; Sept. 6.
Sprocket teeth, Grinding and polishing. E. Ross. 2,129,031; Sept. 6.
Stamp affixing mechanism. A. Gay. 2,129,053; Sept. 6.
Stand: *See*—
Display stand.
Starting apparatus for internal combustion engines. R. Hammer. 2,128,939; Sept. 6.
Starting device for internal combustion engines. H. Klein. 2,128,947; Sept. 6.
Steering gear. B. W. Twyman. 2,129,389; Sept. 6.
Stenciling apparatus, Multicolor. H. W. Schneider. 2,129,163; Sept. 6.
Stiffener and securing it to a sole member, Shoe shank. R. B. Bartels. 2,129,556; Sept. 6.
Stiffener with clincher prongs, Hardened shank. S. M. Nickerson. 2,129,588; Sept. 6.
Still residue, Treatment of. W. H. Carmody. 2,128,984; Sept. 6.
Stoker and firedoor, Combined. H. P. Anderson. 2,129,111; Sept. 6.
Stoker, Locomotive. C. J. Surdy. 2,129,365; Sept. 6.
Stoker mechanism. W. T. Hanna. 2,128,940; Sept. 6.
Storage cabinet, Control equipment. W. L. Hauck. 2,129,495; Sept. 6.
Stove. J. D. Robinson. 2,129,371; Sept. 6.
Stretcher, Wire fence. C. L. De Lay. 2,129,569; Sept. 6.
Structural member. B. S. Ferguson. 2,129,466; Sept. 6.
Structural unit. H. A. Faber. 2,129,369; Sept. 6.
Structures by direct casting, Formation of encased. E. B. Hudson. 2,128,943; Sept. 6.
Stud and rafter. A. Rafter. 2,129,624–5; Sept. 6.
Suction pump. A. Fontenot. 2,129,415; Sept. 6.
Sugar dispenser. E. E. Foster. 2,128,933; Sept. 6.
Support: *See*—
Anode support.
Arch support.
Book support.
Pipe support.
Screed support.
Swing, Glider. L. Knight. 2,129,140; Sept. 6.
Switch: *See*—
Control switch.
Electric switch.
Electrical switch.
Resettable switch.
Switch. W. H. Frank and L. E. Fisher. 2,128,999; Sept. 6.
Swivel heads, Lubrication of. G. T. Moo. 2,129,307; Sept. 6.
Syringe, Sheath. A. E. Whitetree. 2,128,977; Sept. 6.
Table: *See*—
Work table.
Table device. J. C. Allred. 2,129,041; Sept. 6.
Tag. J. Levine. 2,129,500; Sept. 6.
Tanning material. A. Russell and J. W. Copenhaver. 2,129,553–4; Sept. 6.
Tape, Heat insulating. J. M. Weaver. 2,129,110; Sept. 6.
Tape, Measuring. E. A. I. Johansson. 2,129,582; Sept. 6.
Teeth, Artificial. V. H. Sears. 2,129,040; Sept. 6.
Telephone system. F. R. Lamberty. 2,129,011; Sept. 6.
Telephone system. D. Mastini. 2,129,332; Sept. 6.
Television apparatus. J. K. Ross. 2,128,967; Sept. 6.
Television receiver for talking television pictures, Wireless. K. Schlesinger. 2,129,034; Sept. 6.
Television transmitter. K. Schlesinger. 2,129,035; Sept. 6.
Temperature control device. L. L. Young. 2,129,484; Sept. 6.
Temperature control for refrigerators. R. H. Money. 2,129,474; Sept. 6.
Tennis set. J. L. Kleinman. 2,128,948; Sept. 6.
Terminal, Flexible control. R. Chilton. 2,128,986; Sept. 6.
Textile. K. E. Prindle. 2,129,504; Sept. 6.
Thermostat, Adjustable metallic. P. B. Parks. 2,129,477; Sept. 6.
Thiazyl mercaptide derivatives. J. G. Lichty. 2,129,621; Sept. 6.
Threads, bands, films, and the like, Manufacture of. W. Harz and W. Schieber. 2,129,213; Sept. 6.
Threshold construction. M. S. Oftedal and W. S. Dykeman. 2,129,381; Sept. 6.
Tilting apparatus. K. Schlesinger. 2,129,036; Sept. 6.
Tire casing, Pneumatic. L. Gottlieb. 2,129,128; Sept. 6.
Tire, Pneumatic. T. A. Riehl. 2,129,626; Sept. 6.
Toaster. A. C. Purpura. 2,129,360; Sept. 6.
Tool: *See*—
Fluid operated tool.
Machine tool.
Milling tool.
Tool. N. G. Schelot and E. E. Vahle. 2,129,590; Sept. 6.
Tool pocket, Safety. I. and S. Boshnack. 2,129,196; Sept. 6.
Tooth brush, Electric. J. Gold. 2,129,002; Sept. 6.
Tooth paste. E. C. Crocker. 2,128,917; Sept. 6.
Top for looms, Harness lifting. H. R. Davis. 2,129,201; Sept. 6.
Torques, Apparatus for continuously measuring. R. R. R. Sarazin. 2,129,241; Sept. 6.
Tractor hitch. Clutch controlling. L. Gilgenbach. 2,129,574; Sept. 6.
Traction lug, Detachable. C. H. Beach. 2,129,557; Sept. 6.
Traffic control signal. P. B. Renshaw. 2,129,446; Sept. 6.
Traffic control system, Centralized. O. H. Dicke. 2,129,168; Sept. 6.
Traffic control system, Centralized. N. D. Preston and F. B. Hitchcock. 2,129,183; Sept. 6.
Train dispatching system for railroads. N. D. Preston. 2,129,182; Sept. 6.
Transformer for a metal locator. C. A. Hedden. 2,129,058; Sept. 6.
Transmission mount. H. D. Geyer. 2,129,124; Sept. 6.
Transmission synchronizer. J. C. Buchanan. 2,129,342; Sept. 6.
Trap: *See*—
Animal trap.
Treatment machine, Station type. E. P. Bullard, III. 2,129,463; Sept. 6.
Tree, Ornamental. E. J. Bublitz. 2,129,563; Sept. 6.
Trolley duct. H. J. L. Frank and W. A. Harper. 2,128,998; Sept. 6.
Truck. R. R. Webber. 2,129,340; Sept. 6.
Truck and wheel train especially intended for railroad vehicles. E. Bugatti. 2,129,405; Sept. 6.
Truck stabilizer. A. C. Davidson. 2,129,408; Sept. 6.
Tube: *See*—
Braun tube.
Cathode ray tube.
Discharge tube.
Marking tube.
Multigrid tube.
Tube for short waves. B. Wienecke. 2,129,076; Sept. 6.
Tube lining, Oil cracking. W. T. Hancock. 2,129,174; Sept. 6.
Tubes, Making insulating. A. Arutunoff. 2,129,256; Sept. 6.
Tubing blow-out preventer. G. E. McLagan. 2,129,531; Sept. 6.
Tuning range adjustment device. W. V. Roberts. 2,129,026; Sept. 6.
Turbine turning mechanism, Elastic fluid. A. Howard. 2,129,529; Sept. 6.
Turbine turning mechanism, Elastic fluid. H. L. Newell. 2,129,534; Sept. 6.
Turret mounting. H. A. Knox and H. W. Evans. 2,128,949; Sept. 6.
2-amino-6-piperidyl-pyridines. J. P. Wibaut and H. J. den Hertog, Jr. 2,129,294; Sept. 6.
Type casting machine. R. B. Chase. 2,129,164; Sept. 6.
Unit connecter. W. J. Buehring. 2,128,895; Sept. 6.

Unit cylinder clasp brake. W. H. Baselt. 2,129,603; Sept. 6.
Vacuum power clutch. J. H. K. and H. J. D. McCollum. 2,129,358; Sept. 6.
Valve: *See*—
Equalizing valve.
Pneumatic control valve.
Selector valve.
Valve. E. C. Brisbane and R. Bischoff. 2,129,081; Sept. 6.
Valve circuit arrangement, Thermionic. D. F. George. 2,129,088; Sept. 6.
Valve converting system, Electric. E. H. Reid. 2,129,536; Sept. 6.
Valve mechanism for internal combustion engines. R. S. Reynolds. 2,129,024; Sept. 6.
Vehicle: *See*—
Automotive vehicle.
Motor vehicle.
Vehicle body, Convertible. W. A. Nitsche. 2,129,438; Sept. 6.
Vehicle wheel. F. C. Best. 2,129,115; Sept. 6.
Vermiculite and similar minerals, Exfoliating. C. H. Butler. 2,129,523; Sept. 6.
Ventilator, Storm sash. F. A. Bailey. 2,129,397; Sept. 6.
Voice coil suspension. I. B. Serge. 2,129,628; Sept. 6.
Volume control, Automatic. M. G. Nicholson, Jr. 2,129,021; Sept. 6.
Volume control circuit, Automatic. E. Zepler. 2,129,078; Sept. 6.
Wall facing, Metal. H. E. Voegeli. 2,128,976; Sept. 6.
Wallet protector, Pocket. P. M. Martini, Jr. 2,129,018; Sept. 6.
Washboard for use in sinks. J. H. Adams. 2,129,079; Sept. 6.
Washer: *See*—
Lock washer.
Watchcase, Tubular. H. Schlacht. 2,129,480; Sept. 6.
Water closet. J. R. Beam. 2,129,398; Sept. 6.
Wave receiver, Modulated carrier. F. M. G. Murphy. 2,129,020; Sept. 6.
Web feeding mechanism. A. F. Pityo. 2,128,964; Sept. 6.
Web supply mechanism for printing machines. A. J. Horton. 2,129,618; Sept. 6.
Weft replenishing mechanism for looms. A. Cederlund. 2,128,915; Sept. 6.
Weighing device. J. S. Hedges. 2,129,469; Sept. 6.
Wheel: *See*—
Car wheel.
Vehicle wheel.
Wheel cleaning and dust allaying device. D. C. Mulvihill. 2,129,019; Sept. 6.
Winding machine. E. R. Dunckle. 2,129,411; Sept. 6.
Window construction. A. H. Haberstump. 2,129,578; Sept. 6.
Windshield cleaner. E. C. Horton. 2,129,619–20; Sept. 6.
Windshield cleaner. G. R. Wernert and J. F. Gagnaire. 2,129,542; Sept. 6.
Windshield, Side. A. C. Lillie. 2,128,951; Sept. 6.
Wire tying machine. O. Kind. 2,129,063; Sept. 6.
Work table. H. D. Ralston. 2,129,384; Sept. 6.
Wrench device. D. T. Eighmey. 2,128,991; Sept. 6.
Writting pad. H. S. Jones. 2,129,375; Sept. 6.
X-ray system for taking short exposure X-ray photographs. C. T. Ulrey. 2,129,383; Sept. 6.
X-ray unit, Shockproof. C. M. Slack. 2,129,387; Sept. 6.
Yarns, fibers, and filaments, Treating. W. G. Faw. 2,129,414; Sept. 6.

CLASSIFICATION OF PATENTS

ISSUED SEPTEMBER 6, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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242— 35.5: 2,129,411
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84.5: 2,129,386
244— 134: 2,129,565

246— 3: 2,129,168
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81: 2,128,984
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94: 2,128,932
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311— 42: 2,129,041
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U. S. GOVERNMENT PRINTING OFFICE: 1938

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Allied Stores Corporation, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash. Radio receiving sets. Serial No. 398,079; Sept. 13. Class 21.

Alps Sportswear Mfg. Co., Inc., Boston, Mass. Sport shirts. Serial No. 408,489; Sept. 13. Class 39.

Amend, Fred W., Co., Danville, Ill. Candy. Serial No. 408,775; Sept. 13. Class 46.

American Brake Shoe and Foundry Company, The, New York, N. Y. Sills for refrigerator car doors and the like. Serial No. 395,891; Sept. 13. Class 19.

Atlas Braid Co., Valley Falls, R. I. Shoe laces, braided non-elastic, narrow braided elastic. Serial No. 407,003; Sept. 13. Class 40.

Bauer, Christopher W., Brooklyn, N. Y. Games. Serial No. 409,150; Sept. 13. Class 22.

Baum, Bernard H., New York, N. Y. Toy automobiles. Serial Nos. 409,291–2; Sept. 13. Class 22.

Bausch & Lomb Optical Company, Rochester, N. Y. Spectacle cases. Serial No. 407,971; Sept. 13. Class 2.

Bell Company, Inc., The, doing business as Flare Laboratories, Chicago, Ill. Glass shellac, paint and varnish remover, wax polish, etc. Serial No. 408,086; Sept. 13. Class 16.

Bell Company, Inc., The, doing business as Flare Laboratories, Chicago, Ill. Fabric cleaner, dry cleaner, metal polish, etc. Serial No. 408,088; Sept. 13. Class 4.

Bell, John D., doing business as Unveiling the Universe, Scranton, Pa., and New York, N. Y. Column and periodical. Serial No. 393,247; Sept. 13. Class 38.

Beverages of America, Inc., Chicago, Ill. Dry cocoa mix. Serial No. 407,519; Sept. 13. Class 46.

Beyer, Inc., Lockport, N. Y. Magnetic bracelet for holding pins or similar articles. Serial No. 407,486; Sept. 13. Class 40.

Bismor Company. (See Ford Hopkins Company.)

Bleistift-Fabrik vorm. Johann Faber A. G., Stein, Germany. Lead pencils, copying pencils, pastel crayons, etc. Serial No. 406,674; Sept. 13. Class 37.

Bon Marche, The. (See Allied Stores Corporation.)

Boston Woven Hose and Rubber Company, Cambridge, Mass. Rubber belting, rubber or rubber and fabric hose, and fruit jar rings. Serial No. 409,257; Sept. 13. Class 35.

Bright Star Battery Company, Clifton, N. J. Dry cell batteries and flashlight casings. Serial No. 407,790; Sept. 13. Class 21.

Brod, Louis, doing business as L. Brod & Co., Philadelphia, Pa. Ladies' and children's blouses. Serial No. 403,442; Sept. 13. Class 39.

Browning Laboratories, Inc., Winchester, Mass. Radio receiving sets, chassis for radio receivers, and parts thereof. Serial No. 404,203; Sept. 13. Class 21.

Brunswig Drug Co., Los Angeles, Calif. Brushless shaving cream, lather shaving cream, and shaving soap bowl. Serial No. 408,451; Sept. 13. Class 4.

Capital Fuel, Feed and Seed Company, Phoenix, Ariz. Planting seeds. Serial No. 407,130; Sept. 13. Class 1.

Capitol Home Insulation Co., Chicago, Ill. Thermal insulation. Serial No. 398,420; Sept. 13. Class 12.

Cardinal Laboratories, Inc., Chicago, Ill. Dry mops and oil mops. Serial No. 407,358; Sept. 13. Class 29.

Cardinal Laboratories, Inc., Chicago, Ill. Mops; dusters, dust cloths, etc. Serial No. 407,359; Sept. 13. Class 29.

Cardinal Parfums, Incorporated, New York, N. Y. Stand. Serial No. 405,953; Sept. 13. Class 32.

Celotex Corporation, The, Chicago, Ill. Sound absorbing pads. Serial No. 408,989; Sept. 13. Class 12.

Chemicals and Pharmaceuticals, Inc., Bloomfield, N. J. Effervescent alkalizing tablets with vitamins. Serial No. 407,796; Sept. 13. Class 6.

Chicago Bridge & Iron Works, Chicago, Ill. Containers for liquids and gas. Serial No. 407,534; Sept. 13. Class 2.

Chicago Mail Order Company, Chicago, Ill. Coats, dresses, and hats. Serial No. 407,797; Sept. 13. Class 39.

Clairol, Inc., New York, N. Y. Combs. Serial No. 406,631; Sept. 13. Class 40.

Clark, Charles L., Richmond, Va. Whiskey. Serial No. 409,420; Sept. 13. Class 49.

Clover, Kitty, Potato Chip Company, doing business as Kitty Clover Products Co., Omaha, Nebr. Potato chips, fried popcorn, etc. Serial No. 407,436; Sept. 13. Class 46.

Coast Enterprises. (See Spellman, Samuel A.)

Cohn, H. C., & Co., Rochester, N. Y. Neckties, mufflers, and handkerchiefs. Serial No. 407,659; Sept. 13. Class 39.

Colgate-Palmolive-Peet Company, Jersey City, N. J. Dental cream. Serial No. 409,158; Sept. 13. Class 6.

Colonial Flour Company. (See Kell, H. V., Company.)

Conkey, H. D., & Company, Mendota, Ill. Ice cream freezers. Serial No. 407,748; Sept. 13. Class 31.

Consolidated Paper Corporation Limited, Montreal, Quebec, Canada. Binding or splicing tissue. Serial No. 406,856; Sept. 13. Class 37.

Cook Paint & Varnish Company, North Kansas City, Mo. Paints. Serial No. 396,734; Sept. 13. Class 16.

Cosden Petroleum Corporation, Fort Worth, Tex. Oils and greases. Serial No. 403,641; Sept. 13. Class 15.

Cosden Petroleum Corporation, Fort Worth, Tex. Gasoline, benzine, kerosene, and motor fuel oil. Serial Nos. 403,642–3; Sept. 13. Class 15.

Crown Zellerbach Corporation, doing business as Crown Willamette Paper Company, San Francisco, Calif. Tissue paper. Serial No. 407,717; Sept. 13. Class 37.

Crown Zellerbach Corporation, doing business as Crown Willamette Paper Company, San Francisco, Calif. Wrapping paper. Serial No. 407,719; Sept. 13. Class 37.

Crown Zellerbach Corporation, doing business as Crown Willamette Paper Company, San Francisco, Calif. Wrapping paper. Serial No. 407,722; Sept. 13. Class 37.

Crown Zellerbach Corporation, doing business as Crown Willamette Paper Company, San Francisco, Calif. Tissue paper. Serial No. 407,723; Sept. 13. Class 37.

Crown Zellerbach Corporation, doing business as Crown Willamette Paper Company, San Francisco, Calif. Wrapping paper. Serial No. 407,724; Sept. 13. Class 37.

Deer, John J., New York, N. Y. Chance game. Serial No. 409,300; Sept. 13. Class 22.

Derwood Mill, The, Derwood, Md. Food for dogs and puppies. Serial No. 408,408; Sept. 13. Class 46.

Dick, A. B., Company, Chicago, Ill. Stencils and stencil papers. Serial No. 406,582; Sept. 13. Class 37.

Dictograph Products Company, Inc., New York, N. Y. Interior telephone systems. Serial No. 408,694; Sept. 13. Class 21.

Ditto, Incorporated, Chicago, Ill. Solvent. Serial No. 367,186; Sept. 13. Class 6.

Dollinger, B., Brooklyn, N. Y. Lenses. Serial No. 406,484; Sept. 13. Class 26.

Douglas Aircraft Company, Inc., Santa Monica, Calif. Airplanes and structural parts thereof. Serial No. 396,261; Sept. 13. Class 19.

Douglas Aircraft Company, Inc., Santa Monica, Calif. Airplanes and structural parts thereof. Serial No. 396,263; Sept. 13. Class 19.

Douglas Fir Plywood Association, Tacoma, Wash. Plywood. Serial No. 408,944; Sept. 13. Class 12.

Dow Chemical Company, The, Midland, Mich. Ethyl cellulose. Serial No. 391,521; Sept. 13. Class 6.

Drake, A. W., Companies, Pasadena, Calif. Animal traps. Serial No. 407,945; Sept. 13. Class 50.

Du Pont, E. I., de Nemours and Company, Wilmington, Del. Rubber coated fabrics. Serial No. 407,576; Sept. 13. Class 50.

Dur-O-Lite Pencil Company, Melrose Park, Ill. Mechanical pencils. Serial No. 407,665; Sept. 13. Class 37.

Eastman Kodak Company, Jersey City, N. J., and Rochester, N. Y. Photographic lenses. Serial No. 408,695; Sept. 13. Class 26.

Edwards, Lee, Corporation, New York, N. Y. Java twine, sisal wrapping twines, Manila ropes, etc. Serial No. 407,492; Sept. 13. Class 7.

Edwards, Lee, Corporation, New York, N. Y. Cotton yarns. Serial No. 407,493; Sept. 13. Class 43.

Ekman, Frank H., Westerly, R. I. Medicated ointment. Serial No. 403,487; Sept. 13. Class 6.

Firmenich & Co., Inc., New York, N. Y. Essential oils for perfumery purposes, etc. Serial No. 407,095; Sept. 13. Class 6.

Fischer Baking Company, Newark, N. J. Bread. Serial No. 406,679; Sept. 13. Class 46.

Fiske, Joseph J., New York, N. Y. Publication. Serial No. 406,719; Sept. 13. Class 38.

Flare Laboratories. (See Bell Company, Inc., The.)

Foot Controller, Inc., New York, N. Y. Arch supports and arch supporters. Serial No. 407,184; Sept. 13. Class 44.

Ford Hopkins Company, doing business as Bismor Company, Chicago, Ill. Alkaline antacid powder. Serial No. 408,224; Sept. 13. Class 6.

General Products Laboratories, doing business as Mo-Tee-Na Laboratories, Columbus, Ohio. Medicinal tablets, liquids, powders, etc. Serial No. 407,372; Sept. 13. Class 6.

General Refractories Company, Philadelphia, Pa. Bricks or refractory shapes. Serial No. 408,790; Sept. 13. Class 12.

General Refractories Company, Philadelphia, Pa. Refractory products. Serial No. 408,791; Sept. 13. Class 12.

General Refractories Company, Philadelphia, Pa. Bricks and refractory shapes. Serial No. 408,795; Sept. 13. Class 12.

General Refractories Company, Philadelphia, Pa. Refractory products. Serial No. 408,796; Sept. 13. Class 12.

General Shoe Corporation, Nashville, Tenn. Boots, shoes, and slippers. Serial No. 407,979; Sept. 13. Class 39.
Glasgo Limited, Philadelphia, Pa. Sweaters. Serial No. 407,859; Sept. 13. Class 39.
Glemby Company, Inc., The, New York, N. Y. Combs. Serial No. 407,806; Sept. 13. Class 40.
Godman, H. C., Company, The, Columbus, Ohio. Boots and shoes. Serial No. 400,370; Sept. 13. Class 39.
Goldbein Furs, Inc., New York, N. Y. Fur coats, fur capes, fur muffs, etc. Serial No. 408,056; Sept. 13. Class 39.
Gossard, H. W., Co., The, Chicago, Ill. Corsets, girdles, and combination corsets and brassières. Serial No. 401,778; Sept. 13. Class 39.
Griffith-Durney Company, San Francisco, Calif. Canned fruits, canned vegetables, canned fish, etc. Serial No. 407,140; Sept. 13. Class 46.
Hale, Dr. William C., Arlington, Tex. Preparation for treatment and relief of skin affections. Serial No. 402,424; Sept. 13. Class 6.
Huyck, F. C., & Sons, Albany, and Rensselaer, N. Y. Bed blankets. Serial No. 404,363; Sept. 13. Class 42.
Huyler's, New York, N. Y. Candy. Serial No. 408,950; Sept. 13. Class 46.
I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Synthetic rubber and rubber-like material. Serial No. 406,717; Sept. 13. Class 1.
Imperial Furniture Company, Grand Rapids, Mich. Household furniture. Serial No. 406,977; Sept. 13. Class 32.
International Handkerchief Mfg. Co., The, New York, N. Y. Handkerchiefs. Serial No. 409,315; Sept. 13. Class 39.
International Radio Corporation, Ann Arbor, Mich. Light sensitive film and sensitized photographic paper. Serial No. 407,079; Sept. 13. Class 26.
Iowa Manufacturing Company, Cedar Rapids, Iowa. Road building machinery. Serial No. 407,268; Sept. 13. Class 23.
Irwill Knitwear Corp., New York, N. Y. Knitted sweaters. Serial No. 407,905; Sept. 13. Class 39.
Iskin, Harry, Philadelphia, Pa. Ornamental jewelry. Serial No. 406,979; Sept. 13. Class 28.
Jamieson, C. E., & Company, Detroit, Mich. Preparation for the relief of constipation and for intestinal disturbances. Serial No. 408,192; Sept. 13. Class 6.
Kell, H. V., Company, doing business as Colonial Flour Company, Griffin, Ga. Flour. Serial No. 408,717; Sept. 13. Class 46.
Kieffer, Jean, Norwich, Conn. X-ray apparatus. Serial No. 401,388; Sept. 13. Class 44.
King Features Syndicate, Inc., New York, N. Y. Cartoons. Serial No. 408,466; Sept. 13. Class 38.
Klipper Specialty Company. (See Waite, Sheridan C.)
Kotzin, Theodore, Co. Ltd., The, Los Angeles, Calif. Wearing apparel. Serial No. 406,452; Sept. 13. Class 39.
Lampert, M. J., & Sons, Inc., New York, N. Y. Jewelers' saw blades. Serial No. 408,503; Sept. 13. Class 23.
Landstrom Furniture Corporation, Rockford, Ill. Bedroom suites, dining room suites, etc. Serial No. 405,259; Sept. 13. Class 32.
Larus & Brother Company, Richmond, Va. Smoking tobacco and cigarettes. Serial No. 407,810; Sept. 13. Class 17.
Larus & Brother Company, Richmond, Va. Smoking tobacco and cigarettes. Serial No. 408,110; Sept. 13. Class 17.
Leed Sales, Inc., Washington, D. C. Dog and cat food. Serial No. 408,721; Sept. 13. Class 46.
Leggett, Francis H., & Company, New York, N. Y. Assorted sandwich spreads. Serial No. 394,463; Sept. 13. Class 46.
Levinsohn, Frank, & Bros., Inc., New York, N. Y. Coats and suits. Serial No. 407,706; Sept. 13. Class 39.
Linden Chemical Co., Inc., Rahway, N. J. Glass, fabric, and hand cleaner and tar remover. Serial No. 409,005; Sept. 13. Class 4.
Lisk Manufacturing Co. Ltd., Canandaigua, N. Y. Hollow-ware, bath tubs, combinets, and chambers. Serial No. 389,423; Sept. 13. Class 13.
Livon Laboratories. (See Steik, Karl T.)
Logan Bulk Filling Station, Inc., Logan, Ohio. Gasoline and lubricating oils and greases. Serial No. 406,725; Sept. 13. Class 15.
Loma Linda Food Company, Loma Linda, Calif. Cereal breakfast food. Serial No. 408,611; Sept. 13. Class 46.
Louisiana Drug Co. Inc., Opelousas, La. Insect spray, insect dust, antiseptic, etc. Serial No. 408,651; Sept. 13. Class 6.
Lueke, Frank J., St. Louis, Mo. Beverage and syrups and extracts for making the same. Serial No. 408,301; Sept. 13. Class 45.
Lullabye Furniture Corporation, Stevens Point, Wis. Children's furniture. Serial No. 409,364; Sept. 13. Class 32.
Mallory, P. R., & Co., Inc., Indianapolis, Ind. Electric current rectifiers, electro-plating power supply devices, etc. Serial No. 408,116; Sept. 13. Class 21.
Mancuso, Andrew, Kansas City, Mo. Bleach, disinfectant, germicide, etc. Serial No. 404,589; Sept. 13. Class 6.
Markwell Manufacturing Company, Inc., New York, N. Y. Staples. Serial No. 407,465; Sept. 13. Class 13.
Mathie-Ruder Brewing Co., Wausau, Wis. Beer. Serial No. 408,118; Sept. 13. Class 48.
McKellips Mutual Citrus Growers, Inc., Mesa, Calif. Fresh citrus fruit. Serial No. 404,575; Sept. 13. Class 46.
Meyers, D. H., New York, N. Y. Preparation used for indigestion and as an anti-acid. Serial No. 406,871; Sept. 13. Class 6.
Milwaukee Lace Paper Company, Milwaukee, Wis. Paper edging for shelves. Serial No. 407,910; Sept. 13. Class 37.
Milwaukee Lace Paper Company, Milwaukee, Wis. Shelf paper. Serial No. 407,911; Sept. 13. Class 37.
Mineral Mining Corporation, Lancaster, S. C. Ground cerecitic ore. Serial No. 407,601; Sept. 13. Class 1.
Monsalvatge & Drane, Miami, Fla. Candy. Serial No. 408,757; Sept. 13. Class 46.
Mo-Tee-Na Laboratories. (See General Products Laboratories.)
Motlow, Lem, Lynchburg, Tenn. Whiskey. Serial No. 409,101; Sept. 13. Class 49.
North, George O., Minneapolis, Minn. Oil flares. Serial No. 400,991; Sept. 13. Class 34.
Nu-Way Battery Service Company. (See Wilson, E. L.)
Ogden, Edwin B., doing business as Voybon Company, Natchez, Miss. Preparation for the prevention and relief of nausea. Serial No. 407,882; Sept. 13. Class 6.
Orchard Paper Co., St. Louis, Mo. Wrapping paper. Serial No. 407,681; Sept. 13. Class 37.
Ornstein, Levy & Israelson, New York, N. Y. Ladies' coats. Serial No. 408,396; Sept. 13. Class 39.
Oxyaskarin G. m. b. H., Halle, Germany. Anthelminthic medicines and pharmaceutical preparations. Serial No. 404,262; Sept. 13. Class 6.
Paine, L. Chenault, doing business as Patriot Products, Ltd., Los Angeles, Calif. Dried fruits, nuts, dehydrated vegetables, etc. Serial No. 407,440; Sept. 13. Class 46.
Patek & Co., San Francisco, Calif. Chlorinated hydrocarbons. Serial No. 406,939; Sept. 13. Class 4.
Patriot Products, Ltd. (See Paine, L. Chenault.)
Patterson-Sargent Company, The, Cleveland, Ohio. Paints, paint enamels, stains, etc. Serial No. 408,506; Sept. 13. Class 16.
Phillips, George L., Newkirk, Okla. Line markers. Serial No. 405,265; Sept. 13. Class 50.
Pincus Bros., Inc., Philadelphia, Pa. Suits, coats, vests, pants, etc. Serial No. 408,298; Sept. 13. Class 39.
Plunkett-Webster Lumber Co., Inc., New Rochelle, N. Y. Lumber. Serial No. 394,755; Sept. 13. Class 12.
Plymouth Citrus Growers Association, Plymouth, Fla. Fresh citrus fruits. Serial No. 398,934; Sept. 13. Class 46.
Professional Laboratories, Inc., New York, N. Y., and Bloomfield, N. J. Preparations indicated in the treatment of certain gastrointestinal disorders in small animals. Serial No. 407,815; Sept. 13. Class 6.
Pure Food Factory "Hansa", Mamaroneck, N. Y. Soups. Serial No. 408,576; Sept. 13. Class 46.
Pure Oil Company, The, Chicago, Ill. Oils. Serial No. 395,000; Sept. 13. Class 15.
Quabaug Rubber Company, North Brookfield, Mass. Rubber soles and heels. Serial No. 408,399; Sept. 13, Class 39.
Register & Grille Manufacturing Co., Inc., New York, N. Y. Registers and grilles. Serial No. 402,651; Sept. 13. Class 34.
Röhm & Haas Company, Philadelphia, Pa. Insecticides, fungicides, and disinfectants. Serial No. 408,167; Sept. 13. Class 6.
Schleicher, Carl, & Schüll Co., Inc., New York, N. Y. Filter papers. Serial No. 408,765; Sept. 13. Class 31.
Scientific Manufacturing Company, Incorporated, Scranton, Pa. Medicinal preparation. Serial No. 407,169; Sept. 13. Class 6.
Sears, Roebuck and Co., Chicago, Ill. Carpet sweepers. Serial No. 395,884; Sept. 13. Class 23.
Sears, Roebuck and Co., Chicago, Ill. Women's shoes. Serial No. 407,443; Sept. 13. Class 39.
Sears, Roebuck and Co., Chicago, Ill. Automobile luggage racks. Serial No. 407,444; Sept. 13. Class 19.
Selectron Company, Inc., Los Angeles, Calif. Attachment or accessory for vehicles and cooperative stationary electrical apparatus. Serial No. 403,967; Sept. 13. Class 21.
Shapiro, Samuel, New York, N. Y. Leather. Serial No. 407,885; Sept. 13. Class 1.
Shelton, W. G., Company, St. Louis, Mo. Chairs, tables, settees, etc. Serial No. 408,624; Sept. 13. Class 32.
Siegmann, William H., New York, N. Y. Flavoring extracts and syrups. Serial No. 403,377; Sept. 13. Class 46.
Sixteen Millimeter Sound Films, Inc., Boston, Mass. Mechanical devices for developing, drying, and wiping still and motion picture films and prints. Serial No. 408,739; Sept. 13. Class 26.
Sixteen Millimeter Sound Films, Inc., Boston, Mass. Film wipers and parts thereof. Serial No. 408,740; Sept. 13. Class 26.

Society of Chemical Industry in Basle, Basel, Switzerland. Female sex hormone preparation. Serial Nos. 404,912–15; Sept. 13. Class 6.
Society of Chemical Industry in Basle, Basel, Switzerland. Female sex hormone preparation. Serial No. 404,918; Sept. 13. Class 6.
Society of Chemical Industry in Basle, Basel, Switzerland. Suprarenal cortical hormone. Serial No. 409,111; Sept. 13. Class 6.
Spellman, Samuel A., doing business as Coast Enterprises, Los Angeles, Calif. Publication. Serial No. 405,940; Sept. 13. Class 38.
Steik, Karl T., doing business as Livon Laboratories, Upper Montclair, N. J. Antiseptic ointment. Serial No. 409,114; Sept. 13. Class 6.
Stevens-Root Company, Chicago, Ill. Pipe fittings and valves. Serial No. 400,536; Sept. 13. Class 13.
Sunshine Soda Company, Inc., New York, N. Y. Cleansing powders and compounds having soda as a base. Serial No. 409,115; Sept. 13. Class 4.
Sweetnam, George H., Inc., Cambridge, Mass. Padding paper. Serial No. 407,923; Sept. 13. Class 37.
Tax Research Institute of America, Incorporated, New York, N. Y. Publication. Serial No. 391,249; Sept. 13. Class 38.
Texas Company, The, New York, N. Y. Diesel gas oil. Serial No. 408,666; Sept. 13. Class 15.
Trutred, Inc., Los Angeles, Calif. Tires and tubes. Serial No. 408,667; Sept. 13. Class 35.
Union Pharmaceutical Co., Inc., Bloomfield, N. J. Depilatory. Serial No. 407,890; Sept. 13. Class 6.
United Distributors, Inc., Louisville, Ky. Burn salve. Serial No. 406,665; Sept. 13. Class 6.
Universal Atlas Cement Company, Chicago, Ill. Portland cement. Serial No. 407,167; Sept. 13. Class 12.
Unveiling the Universe. (See Bell, John D.)
Vab, Ltd., New York, N. Y. Shoe trees. Serial No. 407,891; Sept. 13. Class 50.
Van Raalte Company, New York, N. Y. Women's gloves and underwear. Serial No. 407,477; Sept. 13. Class 39.
Venus Foundation Garments, Inc., Chicago, Ill. Foundation garments. Serial No. 407,644; Sept. 13. Class 39.
Voybon Company. (See Ogden, Edwin B.)
Waite, Sheridan C., doing business as Klipper Specialty Company, Buffalo, N. Y. Necktie racks. Serial No. 403,620; Sept. 13. Class 13.
Waples Platter Company, Fort Worth, Tex. Canned goods, spices, and preserves. Serial No. 393,192; Sept. 13. Class 46.
Ward Dry Milk Company, St. Paul, Minn. Dried, sweet cream buttermilk. Serial No. 401,084; Sept. 13. Class 46.
Washington, G., Coffee Refining Co., Morris Plains, N. J. Coffee. Serial Nos. 408,295–6; Sept. 13. Class 46.
Waterbury Clock Company, Waterbury, Conn. Clocks and watches. Serial No. 401,166; Sept. 13. Class 27.
Waterlow & Sons Limited, London, England. Paper for bonds, bills, etc.; and bills, notes, and checks. Serial No. 407,612; Sept. 13. Class 37.
Waterman, L. E., Company, New York, N. Y. Fountain pens, mechanical pencils, desk sets, and parts theerof. Serial No. 407,645; Sept. 13. Class 37.
Watkins, J. R., Company, The, Winona, Minn. Lubricating oils. Serial No. 406,613; Sept. 13. Class 15.
Weber, M. G., doing business as M. Weber Laboratories, Newark, N. J. Vegetable extract. Serial No. 400,814; Sept. 13. Class 46.
Webster, H. K., Company, Lawrence, Mass. Stock feed, horse feed, dairy feed, etc. Serial No. 408,079; Sept. 13. Class 46.
Werth, Herbert, New York, N. Y. Question and answer game device. Serial No. 409,334; Sept. 13. Class 22.
Western Battery & Supply Co., Inc., The, Kansas City, Mo. Oil filters. Serial No. 408,910; Sept. 13. Class 31.
Western States Grocery Company, Reno, Nev., and Oakland, Calif. Evaporated milk. Serial No. 408,818; Sept. 13. Class 46.
Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Patterns. Serial No. 406,616; Sept. 13. Class 50.
Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric fans. Serial No. 407,568; Sept. 13. Class 21.
Westmoreland, Earl L., Chicago, Ill. Talismans. Serial No. 407,646; Sept. 13. Class 50.
Wile, M., & Company, Inc., Buffalo, N. Y. Topcoats and overcoats. Serial No. 407,513; Sept. 13. Class 39.
Wilson & Co., Inc., Chicago, Ill. Cooked hams, liver loaf, meat loaf, etc. Serial No. 408,734; Sept. 13. Class 46.
Wilson, E. L., doing business as Nu-Way Battery Service Company, Jamaica, N. Y. Battery compounds for rejuvenating batteries. Serial No. 404,339; Sept. 13. Class 6.
Winthrop Chemical Company, Inc., New York, N. Y. Sexual hormone, pituitary hormone, and endocrine preparations. Serial No. 408,174; Sept. 13. Class 6.

LIST OF REGISTRANTS OF TRADE-MARKS

A. M. I. Distributing Co., Chicago, Ill. Electric chime amplifiers, carillon, and thermionic sound reproducers. 360,225; Sept. 13; Serial No. 398,881; published July 5, 1938. Class 21.
Acushnet Process Company, Acushnet, Mass. Golf balls. 360,377; Sept. 13; Serial No. 406,702; published July 5, 1938. Class 22.
Adams, C. F., Incorporated, Fort Worth, Tex. Cup leathers, valve leathers, crimps, etc. 360,196; Sept. 13; Serial No. 380,819; published July 5, 1938. Class 35.
Air Conditioning Company. (See Brown, Willard E.)
Allis-Chalmers Manufacturing Company, Milwaukee and West Allis, Wis. Adjustable electrical motor bases. 360,209; Sept. 13; Serial No. 392,834; published July 5, 1938. Class 23.
American Automatic Devices Co., Chicago, Ill. Make-up mirror devices. 360,336; Sept. 13; Serial No. 405,978; published July 5, 1938. Class 32.
American Import Company, The, San Francisco, Calif. Handkerchiefs. 360,270; Sept. 13; Serial No. 403,808; published June 21, 1938. Class 39.
American Seed Corporation, Detroit, Mich. Garden seeds. 360,412; Sept. 13. Class 1.
Anchor Cap & Closure Corporation, Long Island City, N. Y. Liners for closure caps. 360,198; Sept. 13; Serial No. 387,617; published July 5, 1938. Class 50.
Arbona, Antonio M., Arecibo, P. R. Fresh pineapple. 360,216; Sept. 13; Serial No. 396,338; published July 5, 1938. Class 46.
Armstrong Cork Products Company, Lancaster, Pa. Bushings for machinery, rolls and roll covers, etc. 360,205; Sept. 13; Serial No. 391,605; published July 5, 1938. Class 23.
Armstrong, J. D., doing business as Kopper Kettle Preserving Co. and Kopper Kettle Syrup Co., Los Angeles, Calif. Jellies, jams, fruit preserves, etc. 360,337; Sept. 16; Serial No. 405,980; published July 5, 1938. Class 46.
Associated Displays Corp., New York, N. Y. Display easels. 360,373; Sept. 13; Serial No. 406,574; published July 5, 1938. Class 32.
Auto-Lec Stores, Inc., New Orleans, La. Slip covers for automobiles. 360,256; Sept. 13; Serial No. 402,925; published July 5, 1938. Class 19.
Bagnall, Howard E., doing business as The Bagnall Co., Kansas City, Mo. Bird seed and dog food. 360,248; Sept. 13; Serial No. 402,620; published July 5, 1938. Class 46.
Bailis, Abou S., Mount Vernon, N. Y. Beverages, and sirups and extracts for making the same. 360,372; Sept. 13; Serial No. 406,543; published July 5, 1938. Class 45.
Baird, Edward, Los Angeles, Calif. Cushioned inserts for shoes. 360,402; Sept. 13. Class 39.
Barnett Canvas Goods & Bag Co., Inc., Philadelphia, Pa. Canvas piece goods. 360,250; Sept. 13; Serial No. 402,674; published July 5, 1938. Class 42.
Barron-Gray Packing Company, San Jose, Calif. Canned fruit juices. 360,415; Sept. 13. Class 45.
Bates, Hamilton C., doing business as C. J. Bates & Son, Chester, Conn. Sewing kits and sewing, knitting, and embroidery accessories. 360,409; Sept. 13. Class 40.
Behr-Flex, Inc., Manchester, N. H. Shoes, slippers, and sandals. 360,199; Sept. 13; Serial No. 388,525; published June 7, 1938. Class 39.
Belcher, Arthur W., San Francisco, Calif. Fresh cooked fish and shell-fish. 360,238; Sept. 13; Serial No. 400,743; published July 5, 1938. Class 46.
Belk Brothers Company, Charlotte, N. C. Shoes, hose, and anklets. 360,310; Sept. 13; Serial No. 405,431; published June 28, 1938. Class 39.
Bisceglia Brothers Corp., Philadelphia, Pa. Brandy, whiskey, gin, rum, etc. 360,261; Sept. 13; Serial No. 403,394; published July 5, 1938. Class 49.
Black Flag Company, The, Baltimore, Md. Dog soap. 360,251–2; Sept. 13; Serial Nos. 402,762–3; published July 5, 1938. Class 4.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics. 360,356; Sept. 13; Serial No. 406,279; published July 5, 1938. Class 42.
Boettner, Richard, doing business as Wonder Products Company, Salt Lake City, Utah. Polish. 360,208; Sept. 13; Serial No. 392,675; published July 5, 1938. Class 16.
Brown-Camp Hardware Company, Des Moines, Iowa. Butcher knives, paring knives, pocket knives, etc. 360,221; Sept. 13; Serial No. 397,180; published July 5, 1938. Class 23.

Brown Company, Portland, Maine, and Berlin, N. H. Paper towels. 360,324; Sept. 13; Serial No. 405,805; published July 5, 1938. Class 37.
Brown, Sol, Newark, N. J. Trade stimulating machines. 360,237; Sept. 13; Serial No. 400,405; published July 5, 1938. Class 23.
Brown, Willard E., doing business as Air Conditioning Company, Los Angeles, Calif. Forced draft ventilating air cooler. 360,259; Sept. 13; Serial No. 403,303; published July 5, 1938. Class 34.
Bruning, Charles, Company, Inc., New York, N. Y. Blueprint paper. 360,328; Sept. 13; Serial No. 405,842; published July 5, 1938. Class 26.
Burstein, Charles, & Bro., Inc., New York, N. Y. Handbags and purses. 360,388; Sept. 13. Class 3.
Buscarlet Glove Co., Inc., New York, N. Y. Gloves. 360,260; Sept. 13; Serial No. 403,358; published June 21, 1938. Class 39.
Cable Shoes, Inc., Los Angeles, Calif. Leather shoes. 360,253; Sept. 13; Serial No. 402,766; published June 14, 1938. Class 39.
Caldwell Mineral Water Corp., Caldwell Township, Essex County, N. J. Bottled water. 360,275; Sept. 13; Serial No. 404,077; published July 5, 1938. Class 45.
Cane Growers Cooperative Association, Cairo, Ga. Table syrup. 360,370; Sept. 13; Serial No. 406,442; published July 5, 1938. Class 46.
Carbon Systems, Inc., Kansas City, Mo. Commercial and business forms. 360,317; Sept. 13; Serial No. 405,632; published July 5, 1938. Class 37.
Cartwright Gowns, Inc., Minneapolis, Minn. Junior misses' dresses. 360,403; Sept. 13. Class 39.
Cavendish Trading Corporation, New York, N. Y. Sheets and pillow cases. 360,307; Sept. 13; Serial No. 405,346; published July 5, 1938. Class 42.
Celanese Corporation of America, New York, N. Y. Piece goods. 360,354; Sept. 13; Serial No. 406,238; published July 5, 1938. Class 42.
Cold Spring Granite Company, Cold Spring, Minn. Stone monuments, markers, tablets, etc. 360,240; Sept. 13; Serial No. 401,336; published July 5, 1938. Class 50.
Colorbrite Textiles, Inc., New York, N. Y. Cotton bath mats and toilet-seat cotton lid-covers. 360,348; Sept. 13; Serial No. 406,078; published July 5, 1938. Class 42.
Comet Corset Co., Inc., New York, N. Y. Corsets, girdles, corselets, etc. 360,217; Sept. 13; Serial No. 396,352; published Jan. 4, 1938. Class 39.
Commonwealth Shoe and Leather Company, Whitman, Mass. Men's shoes. 360,285; Sept. 13; Serial No. 404,602; published June 7, 1938. Class 39.
Cort Shoes, Inc., Cleveland, Ohio. Shoes. 360,249; Sept. 13; Serial No. 402,666; published June 14, 1938. Class 39.
Cort Shoes, Inc., Cleveland, Ohio. Shoes. 360,406–8; Sept. 13. Class 39.
Daniels, Claude H., East Portchester, Conn. Boots and shoes. 360,202; Sept. 13; Serial No. 390,506; published June 7, 1938; Class 39.
Danzig, Samuel, New York, N. Y. Hat bodies. 360,267; Sept. 13; Serial No. 403,678; published June 7, 1938. Class 39.
Dean & Stephens. (See Stephens, Benjamin F.)
Densten Felt & Hair Company, Philadelphia, Pa. Carpet cushioning or padding. 360,235; Sept. 13; Serial No. 400,090; published July 5, 1938. Class 50.
Devoe & Raynolds Company, Inc., New York, N. Y. Brushes. 360,397; Sept. 13. Class 29.
Dexter Woolen Corporation, New York, N. Y. Wool piece goods. 360,302; Sept. 13. Serial No. 405,152; published July 5, 1938. Class 42.
Dillon, David, New York, N. Y. Tables and cabinets. 360,338; Sept. 13; Serial No. 405,985; published July 5, 1938. Class 32.
Duplan Silk Corporation, New York, N. Y. Textile fabrics in the piece. 360,345; Sept. 13; Serial No. 406,051; published July 5, 1938. Class 42.
Edmont Manufacturing Co., Coshocton, Ohio. Gloves. 360,349; Sept. 13; Serial No. 406,180; published July 5, 1938. Class 39.
Elmco Corporation, The, Salt Lake City, Utah. Liners or liner plates. 360,318; Sept. 13; Serial No. 405,692; published July 5, 1938. Class 14.
Eisler, Henry G., doing business as Perma Sheen Laboratories, Chicago, Ill. Cleaning and polishing compound. 360,300; Sept. 13; Serial No. 405,106; published July 5, 1938. Class 4.
Emporium World Millinery Co., Chicago, Ill. Hats for women. 360,401; Sept. 13. Class 39.
Euclid Candy Co. of California, Inc., The, San Francisco, Calif. Candy. 360,355; Sept. 13; Serial No. 406,243; published July 5, 1938. Class 46.
Everedy Company, The, Frederick, Md. Casseroles. 360,306; Sept. 13; Serial No. 405,290; published July 5, 1938. Class 13.
Eyrich, Harold R., Custer, S. Dak. Substance used for forming permanent suspensions. 360,292; Sept. 13; Serial No. 404,843; published July 5, 1938. Class 1.
Feltman & Curme Shoe Stores Company, The, Chicago, Ill. Shoes. 360,224; Sept. 13; Serial No. 398,669; published June 21, 1938. Class 39.
Fleetwood Sportwear Co. Inc., New York, N. Y. Street dresses, sport dresses, etc. 360,308; Sept. 13; Serial No. 405,386; published June 21, 1938. Class 39.
Ford, Matthew A., doing business as M. A. Ford Mfg. Co., Davenport, Iowa. Rotary files and rasps. 360,339; Sept. 13; Serial No. 405,986; published July 5, 1938. Class 23.
Fox, John G., doing business as J. G. Fox & Co., Seattle, Wash. Beverages, and syrups, extracts, and flavors used in making the same. 360,247; Sept. 13; Serial No. 402,515; published July 5, 1938. Class 45.
Fruhauf & Musyl, Inc., Carlstadt, N. J. Ladies' hats. 360,206; Sept. 13; Serial No. 391,754; published June 29, 1937. Class 39.
Gallenkamp Stores Co., San Francisco, Calif. Shoes. 360,319; Sept. 13; Serial No. 405,695; published June 28, 1938. Class 39.
Garton Toy Co., Sheboygan, Wis. Sleds, velocipedes, coaster wagons. 360,195; Sept. 13; Serial No. 378,197; published July 5, 1938; Class 22.
General Motors Corporation, Detroit, Mich. Machine elements. 360,244; Sept. 13; Serial No. 401,856; published July 5, 1938. Class 23.
General Tire & Rubber Company, The, Akron, Ohio. Heel cushions. 360,295; Sept. 13; Serial No. 404,987; published June 7, 1938; Class 39.
Gettelman, A., Brewing Co., Milwaukee, Wis. Beer. 360,357; Sept. 13; Serial No. 806,286; published July 5,1938. Class 48.
Gilbert, John O., Chocolate Company, Jackson, Mich. Candy. 360,234; Sept. 13; Serial No. 399,706; published July 5, 1938. Class 46.
Glenner, Francis R., doing business as Homogeneous Equipment Company, Downington, Pa. Linings of tin, lead, etc., bonded to steel or other metals. 360,351; Sept. 13; Serial No. 406,216; published July 5, 1938; Class 14.
Globe Knitting Works, Grand Rapids, Mich. Gloves. 360,413; Sept. 13. Class 39.
Gordon's Dry Gin Company Limited, Linden, N. J., and New York, N. Y. Cocktails. 360,314; Sept. 13; Serial No. 405,600; published July 5, 1938. Class 49.
Grand Rapids Upholstering Company, Grand Rapids, Mich. Furniture. 360,344; Sept. 13; Serial No. 406,040; published July 5, 1938. Class 32.
Grant, W. T., Company, New York, N. Y. Garters. 360,286; Sept. 13; Serial No. 404,606; published July 5, 1938. Class 39.
Griggs Canning Company, Natalia, Tex. Canned vegetables. 360,361–2; Sept. 13; Serial Nos. 406,380–1; published July 5, 1938. Class 46.
Haase, Leo G., Pasadena, Calif. Molds and forms. 360,280; Sept. 13; Serial No. 404,474; published July 5, 1938. Class 23.
Hamilton Manufacturing Co., Two Rivers, Wis. Children's furniture and training accessories. 360,382; Sept. 13; Serial No. 406,924; published July 5, 1938. Class 32.
Hansen, Zenon C. R., Gary, Ind. Dice game. 360,325; Sept. 13; Serial No. 405,810; published July 5, 1938. Class 22.
Hawley Company, The, Dallas, Tex. Awnings. 360,421; Sept. 13. Class 50.
Helms, Elmer T., Eugene, Oreg. Arch supports. 360,228; Sept. 13; Serial No. 399,283; published July 5, 1938. Class 44.
Hodges Carpet Company, Indian Orchard, Mass. Sisal rugs and carpets. 360,346; Sept. 13; Serial No. 406,055; published July 5, 1938. Class 42.
Hollywood Prevue Ltd., New York, N. Y. Ladies' dresses, gowns and hats. 360,214; Sept. 13; Serial No. 394,900; published Sept. 28, 1937. Class 39.
Homogeneous Equipment Company. (See Glenner, Francis R.)
Hubbs, Charles F., & Company, New York, N. Y. Packing paper. 360,340; Sept. 13; Serial No. 405,991; published July 5, 1938. Class 37.
Huwerth, Heribert W., Emporium, Pa. Out door bird houses. 360,343; Sept. 13; Serial No. 406,008; published July 5, 1938. Class 50.
I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Thin sheets of synthetic materials for electrical insulation purposes. 360,266; Sept. 13; Serial No. 403,653; published July 5, 1938. Class 21.
Illson, Philip, Inc., New York, N. Y. Skirt and shirt ensembles. 360,278; Sept. 13; Serial No. 404,174; published June 21, 1938. Class 39.
International Nickel Company, Inc., The, New York, N. Y. Nickel-copper shot. 360,236; Sept. 13; Serial No. 400,303; published July 5, 1938. Class 14.
International Radio Corporation, Ann Arbor, Mich. Cameras. 360,223; Sept. 13; Serial No. 398,108; published July 5, 1938. Class 26.
Irwin, Robert W., Company, Grand Rapids, Mich. Bedroom furniture. 360,384; Sept. 13; Serial No. 406,978; published July 5, 1938. Class 32.
Jackson & Church Co., Saginow, Mich. Furnaces. 360,405; Sept. 13. Class 34.
Jaffray, Stuart Lee, Inc., Brooklyn, N. Y. Malt preparation. 360,320; Sept. 13; Serial No. 405,725; published July 5, 1938. Class 46.
Jamestown Lounge Company, Jamestown, N. Y. Household furniture. 360,282–3; Sept. 13; Serial Nos. 404,528–9; published July 5, 1938. Class 32.
Johns-Manville Corporation, New York, N. Y. Mineral material in the nature of a filter powder. 360,329; Sept. 13; Serial No. 405,848; published July 5, 1938. Class 31.

Jonette Knitting Mills Inc., New York, N. Y. Cotton, woolen, and rayon and cotton, woolen, and rayon mixtures in the piece. 360,331; Sept. 13; Serial No. 405,879; published July 5, 1938. Class 42.
Jordan Marsh Company, Boston, Mass. Women's shoes. 360,268; Sept. 13; Serial No. 403,692; published June 21, 1938. Class 39.
Kara Trading Corp., New York, N. Y. Fur skins and pelts. 360,416; Sept. 13. Class 1.
Knothe Bros. Co., Inc., New York, N. Y. Pajamas, robes and shorts. 360,419; Sept. 13. Class 39.
Kopper Kettle Preserving Co. (See Armstrong, J. D.)
Kraus Bros. & Co., Inc., New York, N. Y. Whiskies, gins, and alcoholic cordials. 360,399; Sept. 13. Class 49.
Kraus Bros. & Co., Inc., New York, N. Y. Whiskies, gins, and alcoholic cordials. 360,425; Sept. 13. Class 49.
Kress, S. H., and Company, New York, N. Y. Dental floss. 360,376; Sept. 13; Serial No. 406,686; published July 5, 1938. Class 44.
Lady Mac of Canada Limited, Toronto, Ontario, Canada. Foundation garments. 360,245; Sept. 13; Serial No. 401,900; published June 21, 1938. Class 39.
La Mode Studios, Inc., New York, N. Y. Electric lamps. 360,315; Sept. 13; Serial No. 405,605; published July 5, 1938. Class 21.
La Resista Corset Company, The, Bridgeport, Conn. Corsets, corselets, girdles, etc. 360,304; Sept. 13; Serial No. 405,213; published June 14, 1938. Class 39.
Lee, Frank H., Company, The, Danbury, Conn. Hats. 360,303; Sept. 13; Serial No. 405,165; published June 14, 1938. Class 39.
Levi & Gade, Chicago, Ill. Christmas tree ornaments. 360,207; Sept. 13; Serial No. 391,816; published June 21, 1938. Class 50.
Levine, Max, & Co., New York, N. Y. Spun rayon piece goods. 360,311; Sept. 13; Serial No. 405,449; published July 5, 1938. Class 42.
Levy Brothers of Elizabeth, N. J., Inc., Elizabeth, N. J. Suits, coats, underwear, etc. 360,387; Sept. 13. Class 39.
Liebtenstein Millinery Co., Dallas, Tex. Ladies' hats. 360,201; Sept. 13; Serial No. 390,182; published June 21, 1938. Class 39.
Loma Linda Food Company, Loma Linda, Calif. Vegetable food. 360,363–4; Sept. 13; Serial Nos. 406,392–3; published July 5, 1938. Class 42.
Lorraine Manufacturing Company, Pawtucket, R. I., and New York, N. Y. Worsted flannel. 360,332; Sept. 13; Serial No. 405,882; published July 5, 1938. Class 42.
Lowe, Joe, Corporation, New York, N. Y. Frozen confections. 360,365; Sept. 13; Serial No. 406,396; published July 5, 1938. Class 46.
Ludlow Manufacturing & Sales Co., Boston, Mass. Twine. 360,424; Sept. 13. Class 7.
Lynn, J. J., doing business as Lynn Citrus Groves, Pharr, Tex. Canned citrus fruit and canned citrus fruit juices. 360,400; Sept. 13. Class 46.
Lyon Fish Company, Minneapolis, Minn. Canned fish. 360,213; Sept. 13; Serial No. 394,073; published July 5, 1938. Class 46.
Macy, R. H., & Co., Inc., New York, N. Y. Coffee beverage. 360,375; Sept. 13; Serial No. 406,648; published July 5, 1938. Class 45.
Manhattan Shirt Company, The, New York, N. Y. Handkerchiefs. 360,281; Sept. 13; Serial No. 404,479; published June 7, 1938. Class 39.
Mattson, Walter J., Brooklyn, N. Y. Combination letter sheet and envelope. 360,197; Sept. 13; Serial No. 381,489; published July 5, 1938. Class 37.
May Department Stores Company, The, New York, N. Y.; Akron and Cleveland, Ohio; Baltimore, Md.; Denver, Colo.; Los Angeles, Calif.; and St. Louis, Mo. Bicycles. 360,369; Sept. 13; Serial No. 406,428; published July 5, 1938. Class 19.
Menasha Products Company, Menasha, Wis. Wax-rubber tape. 360,274; Sept. 13; Serial No. 404,053; published July 5, 1938. Class 37.
Metlox Manufacturing Company, Manhattan Beach, Calif. Ceramic dinnerware. 360,227; Sept. 13; Serial No. 399,193; published July 5, 1938. Class 30.
Metropolitan Sewing Machine Corporation, Nyack, N. Y. Sewing machines and sewing machine parts and attachments. 360,226; Sept. 13; Serial No. 399,002; published Jan. 25, 1938. Class 23.
Meyer-Blanke Company, St. Louis, Mo. Chemical solvents and preparations. 360,272; Sept. 13; Serial No. 404,005; published July 5, 1938. Class 4.
Michigan Artcraft Company, Sparta, Mich. Tables. 360,383; Sept. 13; Serial No. 406,935; published July 5, 1938. Class 32.
Midland Flour Milling Company, The, Kansas City, Mo. Wheat flour. 360,380; Sept. 13; Serial No. 406,819; published July 5, 1938. Class 46.
Midland Shoe Company, St. Louis, Mo. Ladies' shoes. 360,222; Sept. 13; Serial No. 397,546; published June 7, 1938. Class 39.
Mohn Brothers Company, Reading, Pa. Hat bodies. 360,414; Sept. 13. Class 39.
Nation Wide Service Bureau, Memphis, Tenn. Business cards, solicitor's folding cards, litho-letterheads, etc. 360,289; Sept. 13; Serial No. 404,772; published July 5, 1938. Class 37.
National Feather & Down Co. Inc., Brooklyn, N. Y. Pillows and cushions. 360,194; Sept. 13; Serial No. 377,990; published Jan. 18, 1938. Class 32.
National Food Products Co., New Orleans, La. Alimentary paste products. 360,200; Sept. 13; Serial No. 389,191; published July 5, 1938. Class 46.
National Steel Construction Co., Seattle, Wash. Metal tanks for liquid. 360,277; Sept. 13; Serial No. 404,133; published July 5, 1938. Class 34.
Neatform Co., Inc., The, New York, N. Y. Foundation garments. 360,265; Sept. 13; Serial No. 403,609; published June 14, 1938. Class 39.
Neumann, R., & Company, Hoboken, N. J. Leather in the piece. 360,333; Sept. 13; Serial No. 405,886; published July 5, 1938. Class 1.
Northwest Paper Company, The, Cloquet, Minn. Paper. 360,230–2; Sept. 13; Serial Nos. 399,461–3; published July 5, 1938. Class 37.
Northwest Paper Company, The, Cloquet, Minn. Paper. 360,233; Sept. 13; Serial No. 399,467; published July 5, 1938. Class 37.
Ocean Bathing Suit Company, Inc., New York, N. Y. Knitted outerwear and beach wear. 360,316; Sept. 13; Serial No. 405,612; published June 21, 1938. Class 39.
Oliver, Ernest T., Houston, Tex. Hosiery, neckties, and underwear. 360,264; Sept. 13; Serial No. 403,557; published June 14, 1938. Class 39.
Omaha Shade Company, Omaha, Nebr. Window shades and Venetian blinds. 360,366; Sept. 13; Serial No. 406,399; published July 5, 1938. Class 32.
Otis Pressure Control, Inc., Dallas, Tex. Oil well tools and oil producing equipment. 360,229; Sept. 13; Serial No. 399,323; published July 5, 1938. Class 23.
Paddington Corporation, The, New York, N. Y. Wines. 360,296; Sept. 13; Serial No. 405,033; published July 5, 1938. Class 47.
Palmer, Marie C., Chicago, Ill. Shoe-covers to be worn over shoes. 360,404; Sept. 13. Class 39.
Parker, William H., Richmond, Va. Game of cards. 360,378; Sept. 13; Serial No. 406,728; published July 5, 1938. Class 22.
Pass & Seymour, Inc., Syracuse and Solvay, N. Y. Porcelain receptacles for exposed wiring, dead-end switches, rosettes, etc. 360,334; Sept. 13; Serial No. 405,888; published July 5, 1938. Class 21.
Pauker Brothers, New York, N. Y. Mufflers, bathing suits, hosiery, etc. 360,219; Sept. 13; Serial No. 397,050; published June 14, 1938. Class 39.
Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Infants' textile diapers. 360,273; Sept. 13; Serial No. 404,016; published June 21, 1938. Class 39.
Perfection Mattress & Spring Company, Birmingham, Ala. Mattresses. 360,381; Sept. 13; Serial No. 406,823; published July 5, 1938. Class 32.
Perma Sheen Laboratories. (See Eisler, Henry G.)
Pierce, Robert J., Inc., New York, N. Y. Prophylactic rubber articles. 360,335; Sept. 13; Serial No. 405,893; published July 5, 1938. Class 44.
Pittsburgh Garter Company, Pittsburgh, Pa. Men's suspenders and braces, women's garters, hose supporters, etc. 360,239; Sept 13; Serial No. 401,118; published July 5, 1938. Class 39.
Pleasant Valley Wine Company, The, Rheims, N. Y. Wines. 360,218; Sept. 13; Serial No. 396,832; published Dec. 7, 1937. Class 47.
Polack, Marie A., York, Pa. Toy dolls. 360,410; Sept. 13. Class 22.
Pollak, Henry, Inc., New York, N. Y. Hat bodies and hats. 360,392–5; Sept. 13. Class 39.
Raylite Trading Co., Inc., New York, N. Y. Electric lamp sockets and Christmas tree lighting outfits. 360,287; Sept. 13; Serial No. 404,618; published July 5, 1938. Class 21.
Reindeer Frozen Custard Company, The, Washington, D. C. Frozen custard. 360,297; Sept. 13; Serial No. 405,036; published July 5, 1938. Class 46.
Reproduction Equipment Corporation, New York, N. Y. Apparatus and materials for printing, developing, and finishing photo-prints, etc. 360,298; Sept. 13; Serial No. 405,038; published July 5, 1938. Class 26.
Resistoflex Corporation, New York, N. Y. Flexible tubes, hose, pipes, etc. 360,358; Sept. 13; Serial No. 406,301; published July 5, 1938. Class 35.
Rhyme-A-Lings Company of America, Inc., Coytesville, N. J. Parlor game. 360,330; Sept. 13; Serial No. 405,858; published July 5, 1938. Class 22.
Russell Manufacturing Company, The, Middletown, Conn. Fused friction fabrics for brakes, clutches, etc. 360,284; Sept. 13; Serial No. 404,547; published July 5, 1938. Class 35.
Russian Tea Room Restaurant, Inc., New York, N. Y. Candies, creamed mushrooms, and borsht. 360,262; Sept. 13; Serial No. 403,424; published July 5, 1938. Class 46.
Ruth's Fabrics, Inc., Brooklyn, N. Y. Caps, scarfs, and cap and scarf combinations. 360,305; Sept. 13; Serial No. 405,272; published June 21, 1938. Class 39.
S & S Leather Goods Corp., New York, N. Y. Apparel belts. 360,422; Sept. 13. Class 39.
St. Clair Foods Company, McAllen, Tex. Canned foods. 360,243; Sept. 13; Serial No. 401,794; published July 5, 1938. Class 46.
Salem Brewery Association, Salem, Oreg. Beer. 360,389–90; Sept. 13. Class 48.
Sargent & Company, Des Moines, Iowa. Feed for live stock and poultry. 360,269; Sept. 13; Serial No. 403,787; published July 5, 1938. Class 46.

Scatena-Galli Fruit Company, San Francisco, Calif. Fresh fruits and vegetables. 360,212; Sept. 13; Serial No. 394,064; published July 5, 1938. Class 46.
Schiff, Henry T., Chicago, Ill. Cameras, lenses, and films. 360,423; Sept. 13. Class 26.
Schneider & Armitage. New York, N. Y. Woolen piece goods. 360,350; Sept. 13; Serial No. 406,195; published July 5, 1938. Class 42.
Schoenhut, O., Inc., Philadelphia, Pa. Game. 360,367; Sept. 13; Serial No. 406,402; published July 5, 1938. Class 22.
Sealed Power Corporation, Muskegon, Mich. Piston rings 360,313; Sept. 13; Serial No. 405,527; published July 5, 1938. Class 35.
Sears, Roebuck and Co., Chicago, Ill. Automobile robes. 360,210; Sept. 13; Serial No. 393,090; published July 5, 1938. Class 42.
Sears, Roebuck and Co., Chicago, Ill. Ladies' handbags. 360,341; Sept. 13; Serial No. 406,002; published July 5, 1938. Class 3.
Selmer, H. & A., Incorporated, Elkhart, Ind. Combination foldable desk and music stand. 360,385; Sept. 13; Serial No. 406,988; published July 5, 1938. Class 32.
Shalom, I., & Co., Inc., New York, N. Y. Handkerchiefs. 360,420; Sept. 13. Class 39.
Shapiro Glove Co., Inc., New York, N. Y. Gloves. 360,291; Sept. 13; Serial No. 404,819; published June 7, 1938. Class 39.
Shedd Products Company, Detroit, Mich. Oleomargarine. 360,391; Sept. 13. Class 46.
Shu-Stiles, Incorporated, St. Louis, Mo. Women's shoes. 360,241; Sept. 13; Serial No. 401,354; published June 14, 1938. Class 39.
Slauson, Harold W., New York, N. Y. Navigation instrument. 360,276; Sept. 13; Serial No. 404,093; published July 5, 1938. Class 26.
Smith, Albert D., & Co., New York, N. Y. Cotton goods and shadecloth. 360,352; Sept. 13; Serial No. 406,231; published July 5, 1938. Class 42.
Smith, G. Edwin, Shoe Company, The, Columbus, Ohio. Women's shoes. 360,242; Sept. 13; Serial No. 401,681; published June 14, 1938. Class 39.
Société Anonyme Des Minerais, Luxemburg, Luxemburg. Various metals and metal alloys and including castings of the same. 360,360; Sept. 13; Serial No. 406,354; published July 5, 1938. Class 14.
Sonotone Corporation, Elmsford, N. Y. Hearing-aid devices and acoustic elements and accessories thereof. 360,312; Sept. 13; Serial No. 405,465; published July 5, 1938. Class 44.
Sonotone Corporation, New York, N. Y. Devices for fitting a hearing-aid to the needs of a person of impaired hearing, and the elements and accessories thereof. 360,371; Sept. 13; Serial No. 406,531; published July 5, 1938. Class 44.
Sorensen, Einar N., Fernandina, Fla. Fuel vaporizer for use with carburetors. 360,193; Sept. 13; Serial No. 363,069; published July 5, 1938. Class 23.
Sorkin, Louis, doing business as Sorkin Music Company, New York, N. Y. Guitars, tenor guitars, mandolins, etc. 360,215; Sept. 13; Serial No. 395,156; published July 5, 1938. Class 36.
Southland Wine Corporation, Richmond, Va. Wines. 360,254–5; Sept. 13; Serial Nos. 402,872–3; published July 5, 1938. Class 47.
Spurr, Melbourne, doing business as Spurrway Manufacturing Company, Los Angeles, Calif. Beefsteak sauce. 360,309; Sept. 13; Serial No. 405,417; published July 5, 1938. Class 46.
Spurrway Manufacturing Company. (See Spurr, Melbourne.)
Stephens, Benjamin E., doing business as Dean & Stephens, Tulsa, Okla. Gas and oil burning heating furnaces. 360,326; Sept. 13; Serial No. 405,828; published July 5, 1938. Class 34.
Sterling Textile Printers, Inc., New York, N. Y. Silks, rayons, and cotton goods. 360,322–3; Sept. 13; Serial Nos. 405,793–4; published July 5, 1938. Class 42.
Stetson, John B., Company, Philadelphia, Pa. Hats and caps. 360,288; Sept. 13; Serial No. 404,730; published June 14, 1938. Class 39.
Swank Products, Inc., Attleboro, Mass. Suspenders or braces. 360,396; Sept. 13. Class 39.
Sweney, Helene L., Nahant, Mass. Games. 360,271; Sept. 13; Serial No. 403,836; published July 5, 1938. Class 22.
Taylor Instrument Companies, Rochester, N. Y. Barometers. 360,347; Sept. 13; Serial No. 406,073; published July 5, 1938. Class 26.
Terhune, Yereance & Wolff, Inc., New York, N. Y. Fabrics. 360,290; Sept. 13; Serial No. 404,783; published July 5, 1938. Class 42.
Terhune, Yereance & Wolff, Inc., New York, N. Y. Woolen fabrics. 360,293 Sept. 13; Serial No. 404,963; published July 5, 1938. Class 42.
Toledo Glove Manufacturing Company, The, Toledo, Ohio. Gloves and gauntlets. 360,417; Sept. 13. Class 39.
Tremont Mills Corporation, New York, N. Y. French trimming ribbon. 360,263; Sept. 13; Serial No. 403,434; published July 5, 1938. Class 42.
Trico Products Corporation, Buffalo, N. Y. Hose. 360,386; Sept. 13; Serial No. 406,994; published July 5, 1938. Class 35.
Tycoon Tackle, Inc., Miami, Fla. Fishing rods. 360,279; Sept. 13; Serial No. 404,192; published July 5, 1938. Class 22.
United Drill and Tool Corporation, Chicago, Ill. Twist drills, reamers, milling cutters, etc. 360,258; Sept. 13; Serial No. 403,184; published July 5, 1938. Class 23.
United Profit-Sharing Corporation, New York, N. Y. Baseballs, footballs, baseball bats, etc. 360,211; Sept. 13; Serial No. 393,241; published July 5, 1938. Class 22.
United Pure Food Co., New York, N. Y. Olive oil. 360,359; Sept. 13; Serial No. 406,304; published July 5, 1938. Class 46.
United States Rubber Products, Inc., New York, N. Y. Rubber tires for vehicles. 360,204; Sept. 13; Serial No. 391,440; published July 5, 1938. Class 35.
Van Allen, John D., & Son, Inc., Clinton, Iowa. Shirts; pajamas; socks; etc. 360,321; Sept. 13; Serial No. 405,789; published June 28, 1938. Class 39.
Wakem & McLaughlin, Incorporated, Chicago, Ill. Whiskey, gin, brandy, etc. 360,353; Sept. 13; Serial No. 406,236; published July 5, 1938. Class 49.
Wall Street Liquor Corp., New York, N. Y. Wines. 360,301; Sept. 13; Serial No. 405,145; published July 5, 1938. Class 47.
Waterbury Clock Company, The, Waterbury, Conn. Watches. 360,220; Sept. 13; Serial No. 397,094; published July 5, 1938. Class 27.
Watkins, J. R., Company, The, Winona, Minn. Syrups, extracts, flavors, etc. 360,374; Sept. 13; Serial No. 406,612; published July 5, 1938. Class 45.
Webendorfer-Willis Company, Inc., Mount Vernon, N. Y. Printing presses. 360,411; Sept. 13. Class 23.
Weber & Heilbroner, Inc., New York, N. Y. Wearing apparel for men and boys. 360,418; Sept. 13. Class 39.
Weidemann, Charles C., Columbus, Ohio. Hand supported musical instruments of the zylophone type. 360,327; Sept. 13; Serial No. 405,837; published July 5, 1938. Class 36.
Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric ranges. 360,294; Sept. 13; Serial No. 404,972; published July 5, 1938. Class 21.
Whitin Machine Works, Whitinsville, Mass. Roving and spinning frames. 360,203; Sept. 13; Serial No. 391,252; published July 5, 1938. Class 23.
Williams Gold Refining Company, Inc., The, Buffalo, N. Y. Casting metals used in dentistry. 360,246; Sept. 13; Serial No. 401,913; published July 5, 1938. Class 44.
Williams, Roger, Brewing Corporation, Providence, R. I. Beer and ale. 360,257; Sept. 13; Serial No. 402,994; published July 5, 1938. Class 48.
Wolfe & Lang, Inc., New York, N. Y. Panties and girdles. 360,342; Sept. 13; Serial No. 406,006; published June 28, 1938. Class 39.
Wonder Products Company. (See Boettner, Richard.)
Wood-Kraft Products Co., Inc., Chicago, Ill. Plastic products and novelties. 360,398; Sept. 13. Class 50.
Wurlitzer, Rudolph, Company, The, De Kalb, Ill. Accordions. 360,299; Sept. 13; Serial No. 405,045; published July 5, 1938. Class 36.
Wyeth, John, and Brother, Incorporated, Philadelphia, Pa. Gastric drip apparatus. 360,368; Sept. 13; Serial No. 406,409; published July 5, 1938. Class 44.
York Ice Machinery Corporation, York, Pa. Air-conditioners. 360,379; Sept. 13; Serial No. 406,742; published July 12, 1938. Class 34.

LIST OF REGISTRANTS OF LABELS

American Screw Company, Providence, R. I. American Plus Phillips Screws. For Metal Screws. 51,780; Sept. 13.
Austin, Nichols & Co. Inc., Brooklyn, N. Y. Sunbeam (Apple Juice). For Pure Natural Unsweetened Apple Juice. 51,781; Sept. 13.
Austin, Nichols & Co. Inc., Brooklyn, N. Y. Sunbeam (Chocolate Flavored Malted Milk). For Sweetened Chocolate Flavored Malted Milk. 51,782; Sept. 13.
Austin, Nichols & Co. Inc., Brooklyn, N. Y. Sunbeam (Orange and Grapefruit Juice). For Orange and Grapefruit Juice. 51,783; Sept. 13.
Dalsey, David, doing business as Dalsey Co., Chicago, Ill. Tato-Mix. For a Mix. 51,784; Sept. 13.
Dalton, Preston E., doing business as Dalton Distributors, Collinsville, Ill. Chemi-Clean. For a Preparation for Cleaning Toilet Bowls and Auto Radiators. 51,785; Sept. 13.
Hoague-Sprague Corporation, Lynn, Mass. Spor-Tee Strutters. For Boxes. 51,786; Sept. 13.
Hoague-Sprague Corporation, Lynn, Mass. Gloria Footwear. For Boxes. 51,787; Sept. 13.
Hoague-Sprague Corporation, Lynn, Mass. Fashion Tred Shoes. For Boxes. 51,788; Sept. 13.

Hoague-Sprague Corporation, Lynn, Mass. Supreme Fashion. For Boxes. 51,789; Sept. 13.
Hoague-Sprague Corporation, Lynn, Mass. Smart Styles. For Boxes. 51,790; Sept. 13.
Hoague-Sprague Corporation, Lynn, Mass. Sabro. For Footwear. 51,791; Sept. 13.
Hoague-Sprague Corporation, Lynn, Mass. Sportsgirl. For Boxes. 51,792; Sept. 13.
Hoague-Sprague Corporation, Lynn, Mass. Junior Tred-Preserver. For Boxes. 51,793; Sept. 13.
Hoague-Sprague Corporation, Lynn, Mass. S C R Inc. For Boxes. 51,794; Sept. 13.
Hoague-Sprague Corporation, Lynn, Mass. Artistyle. For Boxes. 51,795; Sept. 13.
Hoague-Sprague Corporation, Lynn, Mass. Forsythe. For Boxes. 51,796; Sept. 13.
Hoague-Sprague Corporation, Lynn, Mass. Style all the While. For Boxes. 51,797; Sept. 13.
Hoague-Sprague Corporation, Lynn, Mass. Boulevard Fashion. For Boxes. 51,798; Sept. 13.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Syrup). For Golden Syrup. 51,799; Sept. 13.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Blackberries). For Blackberries. 51,800; Sept. 13.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Spaghetti). For Spaghetti. 51,801; Sept. 13.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Gelatin Dessert). For Gelatin Dessert. 51,802; Sept. 13.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Oats). For Quick Cooking Oats. 51,803; Sept. 13.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Pancake Flour). For Pancake Flour. 51,804; Sept. 13.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Cake Flour). For Cake Flour. 51,805; Sept. 13.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Corn Flakes). For Corn Flakes. 51,806; Sept. 13.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Shredded Cocoanut). For Shredded Cocoanut. 51,807; Sept. 13.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Mince Meat). For Mince Meat. 51,808; Sept. 13.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Macaroni). For Macaroni. 51,809; Sept. 13.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Tomato Soup). For Tomato Soup. 51,810; Sept. 13.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Salad Dressing). For Salad Dressing. 51,811; Sept. 13.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Marshmallows). For Marshmallows. 51,812; Sept. 13.
Packard-Bamberger & Co., Inc., Hackensack, N. J. Evercrisp. For Pickles. 51,813; Sept. 13.
Pillsbury Flour Mills Company, Minneapolis, Minn. Pillsbury's Pancake Flour. For Pancake Flour. 51,814; Sept. 13.
Rapinwax Paper Company, Minneapolis, Minn. Silver Seal. For Bread. 51,815; Sept. 13.
Ross, George L., Racine, Wis. Dr. Ross's Texas Grapefruit Juice. For Grapefruit Juice Beverage. 51,816; Sept. 13.
Standard Toykraft Products, Inc., Brooklyn, N. Y. Build-Your-Own New York Fair. For Toy Fair Erecting Sets. 51,817; Sept. 13.
Wallace, Emmett M., doing business as Wallace Laboratories, Chicago, Ill. Stopit Scalp Cream. For a Scalp Cream. 51,818; Sept. 13.

LIST OF REGISTRANTS OF PRINTS

Bartholomew, Harvey C., Los Angeles, Calif. Barts Hunch. For Game Apparatus. 17,045; Sept. 13.
Berg, Christy L., St. Louis, Mo. Berg Method of Entombment. For Concrete Tombs. 17,046; Sept. 13.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Leather in the piece. R. Neumann & Company. 360,333; Sept. 13; Serial No. 405,886; published July 5, 1938.
Seeds, Garden. American Seed Corporation. 360,412; Sept. 13.
Skins and pelts, Fur. Kara Trading Corp. 360,416; Sept. 13.
Substance used for forming permanent suspensions. H. R. Eyrich. 360,292; Sept. 13; Serial No. 404,843; published July 5, 1938.

CLASS 3

Handbags and purses. Charles Burstein & Bro. Inc. 360,388; Sept. 13.
Handbags, Ladies'. Sears, Roebuck and Co. 360,341; Sept. 13; Serial No. 406,002; published July 5, 1938.

CLASS 4

Cleaning and polishing compound. H. G. Eisler. 360,300; Sept. 13; Serial No. 405,106; published July 5, 1938.
Soap, Dog. Black Flag Company. 360,251–2; Sept. 13; Serial No. 402,762–3; published July 5, 1938.
Solvents and preparations, Chemical. Meyer-Blanke Company. 360,272; Sept. 13; Serial No. 404,005; published July 5, 1938.

CLASS 7

Twine. Ludlow Manufacturing & Sales Co. 360,424; Sept. 13.

CLASS 13

Casseroles. Everedy Company. 360,306; Sept. 13; Serial No. 405,290;
Shot, Nickel-copper. International Nickel Company. 360,236; Sept. 13; Serial No. 400,303; published July 5, 1938.

CLASS 14

Liners or liner plates. Eimco Corporation. 360,318; Sept. 13; Serial No. 405,692; published July 5, 1938.
Linings of tin, lead, etc., bonded to steel or other metals. F. R. Glenner. 360,351; Sept. 13; Serial No. 406,216; published July 5, 1938.
Metals and metal alloys and including castings of the same. Société Anonyme des Minerais. 360,360; Sept. 13; Serial No. 406,354; published July 5, 1938.

CLASS 16

Polish. R. Boettner. 360,208; Sept. 13; Serial No. 392,675; published July 5, 1938.

CLASS 19

Bicycles. May Department Stores Company. 360,369; Sept. 13; Serial No. 406,428; published July 5, 1938.
Covers for automobiles, Slip. Auto-Lec Stores, Inc. 360,256; Sept. 13; Serial No. 402,925; published July 5, 1938.

CLASS 21

Amplifiers, carillon, and thermionic sound reproducers, Electric chime. A. M. I. Distributing Co. 360,225; Sept. 13; Serial No. 398,881; published July 5, 1938.
Lamps, Electric. La Mode Studios, Inc. 360,315; Sept. 13; Serial No. 405,605; published July 5, 1938.
Ranges, Electric. Westinghouse Electric & Manufacturing Company. 360,294; Sept. 13; Serial No. 404,972; published July 5, 1938.
Receptacles for exposed wiring, dead-end switches, rosettes, etc., Porcelain. Pass & Semour, Inc. 360,334; Sept. 13; Serial No. 405,888; published July 5, 1938.
Sheets of synthetic materials for electrical insulation purposes, Thin. I. G. Farbenindustries Aktiengesellschaft. 360,266; Sept. 13; Serial No. 403,653; published July 5, 1938.
Sockets and Christmas tree lighting outfits, Electric lamp. Baylite Trading Co. 360,287; Sept. 13; Serial No. 404,618; published July 5, 1938.

CLASS 22

Baseballs, footballs, baseball bats, etc. United Profit-Sharing Corporation. 360,211; Sept. 13; Serial No. 393,241; published July 5, 1938.
Dice game. Z. C. R. Hansen. 360,325; Sept. 13; Serial No. 405,810; published July 5, 1938.
Dolls, Toy. M. A. Polack. 360,410; Sept. 13.
Fishing rods. Tycoon Tackle, Inc. 360,279; Sept. 13; Serial No. 404,192; published July 5, 1938.
Game. O. Schoenhut Inc. 360,367; Sept. 13; Serial No. 406,402; published July 5, 1938.
Games. H. L. Sweney. 360,271; Sept. 13; Serial No. 403,836; published July 5, 1938.
Game of cards. W. H. Parker. 360,378; Sept. 13; Serial No. 406,728; published July 5, 1938.

Game, Parlor. Rhyme-A-Lings Company of America, Inc. 360,330; Sept. 13; Serial No. 405,858; published July 5, 1938.
Golf balls. Acushnet Process Company. 360,377; Sept. 13; Serial No. 406,702; published July 5, 1938.
Sleds, velocipedes, coaster wagons. Garton Toy Co. 360,195; Sept. 13; Serial No. 378,197; published July 5, 1938.

CLASS 23

Bushings for machinery, rolls and roll covers, etc. Armstrong Cork Products Company. 360,205; Sept. 13; Serial No. 391,605; published July 5, 1938.
Drills, reamers, milling cutters, etc., Twist. United Drill and Tool Corporation. 360,258; Sept. 13; Serial No. 403,184; published July 5, 1938.
Files and rasps, Rotary. M. A. Ford. 360,339; Sept. 13; Serial No. 405,986; published July 5, 1938.
Frames, Roving and spinning. Whitin Machine Works. 360,203; Sept. 13; Serial No. 391,252; published July 5, 1938.
Knives, paring knives, pocket knives, etc., Butcher. Brown-Camp Hardware Company. 360,221; Sept. 13; Serial No. 397,180; published July 5, 1938.
Machine elements. General Motors Corporation. 360,244; Sept. 13; Serial No. 401,856; published July 5, 1938.
Machines, Trade stimulating. S. Brown. 360,237; Sept. 13; Serial No. 400,405; published July 5, 1938.
Molds and forms. L. G. Haase. 360,280; Sept. 13; Serial No. 404,474; published July 5, 1938.
Motor bases, Adjustable electrical. Allis-Chalmers Manufacturing Company. 360,209; Sept. 13; Serial No. 392,834; published July 5, 1938.
Presses, Printing. Webendorfer-Wills Company. 360,411; Sept. 13.
Sewing machines and sewing machine parts and attachments. Metropolitan Sewing Machine Corporation. 360,226; Sept. 13; Serial No. 399,002; published Jan. 25,1938.
Tools and oil producing equipment, Oil well. Otis Pressure Control, Inc. 360,229; Sept. 13; Serial No. 399,323; published July 5, 1938.
Vaporizer for use with carburetors, Fuel. E. N. Sorensen. 360,193; Sept. 13; Serial No. 363,069; published July 5, 1938.

CLASS 26

Apparatus and materials for printing, developing, and finishing photo-prints, etc. Reproduction Equipment Corporation. 360,298; Sept. 13; Serial No. 405,038; published July 5, 1938.
Barometers. Taylor Instrument Companies. 360,347; Sept. 13; Serial No. 406,073; published July 5, 1938.
Blue-print paper. Charles Bruning Company. 360,328; Sept. 13; Serial No. 405,842; published July 5, 1938.
Cameras. International Radio Corporation. 360,223; Sept. 13; Serial No. 398,108; published July 5, 1938.
Cameras, lenses, and films. H. T. Schiff. 360,423; Sept. 13.
Navigation instrument. H. W. Slauson. 360,276; Sept. 13; Serial No. 404,093; published July 5, 1938.

CLASS 27

Watches. Waterbury Clock Company. 360,220; Sept. 13; Serial No. 397,094; published July 5, 1938.

CLASS 29

Brushes. Devoe & Reynolds Company. 360,397; Sept. 13.

CLASS 30

Dinnerware, Ceramic. Metlox Manufacturing Company. 360,227; Sept. 13; Serial No. 399,193; published July 5, 1938.

CLASS 31

Mineral material in the nature of a filter powder. Johns-Manville Corporation. 360,329; Sept. 13; Serial No. 405,848; published July 5, 1938.

CLASS 32

Desk and music stand, Combination foldable. H. & A. Selmer, Incorporated. 360,385; Sept. 13; Serial No. 406,988; published July 5, 1938.
Easels, Display. Associated Displays Corp. 360,373; Sept. 13; Serial No. 406,574; published July 5, 1938.
Furniture. Grand Rapids Upholstery Company. 360,344; Sept. 13; Serial No. 406,040; published July 5, 1938.
Furniture and training accessories, Children's. Hamilton Manufacturing Co. 360,382; Sept. 13; Serial No. 406,924; published July 5, 1938.
Furniture, Bedroom. Robert W. Irwin Company. 360,384; Sept. 13; Serial No. 406,978; published July 5, 1938.
Furniture, Household. Jamestown Lounge Company. 360,282–3; Sept. 13; Serial Nos. 404,528–9; published July 5, 1938.
Mattresses. Perfection Mattress & Spring Company. 360,381; Sept. 13; Serial No. 406,823; published July 5, 1938.
Mirror devices, Make-up. American Automatic Devices Co. 360,336; Sept. 13; Serial No. 405,978; published July 5, 1938.
Pillows and cushions. National Feather & Down Co. Inc. 360,194; Sept. 13; Serial No. 377,990; published Jan. 18, 1938.
Shades and Venetian blinds, Window. Omaha Shade Company. 360,366; Sept. 13; Serial No. 406,399; published July 5, 1938.
Tables. Michigan Artcraft Company. 360,383; Sept. 13; Serial No. 406,935; published July 5, 1938.
Tables and cabinets. D. Dillon. 360,338; Sept. 13; Serial No. 405,985; published July 5, 1938.

CLASS 34

Air conditioners. York Ice Machinery Corporation. 360,379; Sept. 13; Serial No. 406,742; published July 12, 1938.
Air cooler, Forced draft ventilating. W. E. Brown. 360,259; Sept. 13; Serial No. 403,303; published July 5, 1938.
Furnaces. Jackson & Church Co. 360,405; Sept. 13.
Furnaces, Gas and oil burning heating. B. F. Stephens. 360,326; Sept. 13; Serial No. 405,828; published July 5, 1938.
Tanks for liquid, Metal. National Steel Construction Co. 360,277; Sept. 13; Serial No. 404,133; published July 5, 1938.

CLASS 35

Friction fabrics for brakes, clutches, etc., Fused. Russell Manufacturing Company. 360,284; Sept. 13; Serial No. 404,547; published July 5, 1938.
Hose. Trico Products Corporation. 360,386; Sept. 13; Serial No. 406,994; published July 5, 1938.
Leathers, valve leathers, crimps, etc., Cup. C. F. Adams, Incorporated. 360,196; Sept. 13; Serial No. 380,819; published July 5, 1938.
Piston rings. Sealed Power Corporation. 360,313; Sept. 13; Serial No. 405,527; published July 5, 1938.
Tires for vehicles, Rubber. United States Rubber Products, Inc. 360,204; Sept. 13; Serial No. 391,440; published July 5, 1938.
Tubes, hose, pipes, etc., Flexible. Resistoflex Corporation. 360,358; Sept. 13; Serial No. 406,301; published July 5, 1938.

CLASS 36

Accordions. Rudolph Wurlitzer Company. 360,299; Sept. 13; Serial No. 405,045; published July 5, 1938.
Guitars, tenor guitars, mandolins, etc. L. Sorkin. 360,215; Sept. 13; Serial No. 395,156; published July 5, 1938.
Musical instruments of the xylophone type, Hand supported. C. C. Weidemann. 360,327; Sept. 13; Serial No. 405,837; published July 5, 1938.

CLASS 37

Cards, solicitor's folding cards, litho-letterheads, etc., Business. Nation Wide Service Bureau. 360,289; Sept. 13; Serial No. 404,772; published July 5, 1938.
Forms, Commercial and business. Carbon Systems, Inc. 360,317; Sept. 13; Serial No. 405,632; published July 5, 1938.
Letter sheet and envelope, Combination. W. J. Mattson. 360,197; Sept. 13; Serial No. 381,489; published July 5, 1938.
Paper. Northwest Paper Company. 360,230–2; Sept. 13; Serial Nos. 399,461–3; published July 5, 1938.
Paper. Northwest Paper Company. 360,233; Sept. 13; Serial No. 399,467; published July 5, 1938.
Paper, Packing. Charles F. Hubbs & Company. 360,340; Sept. 13; Serial No. 405,991; published July 5, 1938.
Paper towels. Brown Company. 360,324; Sept. 13; Serial No. 405,805; published July 5, 1938.
Tape, Wax-rubber. Menasha Products Company. 360,274; Sept. 13; Serial No. 404,053; published July 5, 1938.

CLASS 39

Apparel for men and boys, Wearing. Weber & Heilbroner, Inc. 360,418; Sept. 13.
Belts, Apparel. S & S Leather Goods Corp. 360,422; Sept. 13.
Boots and shoes. C. H. Daniels. 360,202; Sept. 13; Serial No. 390,506; published June 7, 1938.
Caps, scarfs, and cap and scarf combinations. Ruth's Fabrics, Inc. 360,305; Sept. 13; Serial No. 405,272; published June 21, 1938.
Corsets, corselets, girdles, etc. La Resista Corset Company. 360,304; Sept. 13; Serial No. 405,213; published June 14, 1938.
Corsets, girdles, corselets, etc. Comet Corset Co. 360,217; Sept. 13; Serial No. 396,352; published Jan. 4, 1938.
Diapers, Infants' textile. J. C. Penney Company. 360,273; Sept. 13; Serial No. 404,016; published June 21, 1938.
Dresses, gowns, and hats, Ladies'. Hollywood Prevue Ltd. 360,214; Sept. 13; Serial No. 394,900; published Sept. 28, 1937.
Dresses, Junior misses'. Cartwright Gowns, Inc. 360,403; Sept. 13.
Dresses, sport dresses, etc., Street. Fleetwood Sportwear Co. Inc. 360,308; Sept. 13; Serial No. 405,386; published June 21, 1938.
Garments, Foundation. Lady Mac of Canada Limited. 360,245; Sept. 13; Serial No. 401,900; published June 21, 1938.
Garments, Foundation. Neatform Co. 360,265; Sept. 13; Serial No. 403,609; published June 14, 1938.

Garters. W. T. Grant Company. 360,286; Sept. 13; Serial No. 404,606; published July 5, 1938.
Gloves. Buscarlet Glove Co. Inc. 360,260; Sept. 13; Serial No. 403,358; published June 21, 1938.
Gloves. Edmont Manufacturing Co. 360,349; Sept. 13; Serial No. 406,180; published July 5, 1938.
Gloves. Globe Knitting Works. 360,413; Sept. 13.
Gloves. Shapiro Glove Co. 360,291; Sept. 13; Serial No. 404,819; published June 7, 1938.
Gloves and gauntlets. Toledo Glove Manufacturing Company. 360,417; Sept. 13.
Handkerchiefs. American Import Company. 360,270; Sept. 13; Serial No. 403,808; published June 21, 1938.
Handkerchiefs. Manhattan Shirt Company. 360,281; Sept. 13; Serial No. 404,479; published June 7, 1938.
Handkerchiefs. I. Shalom & Co. 360,420; Sept. 13.
Hat bodies. S. Danzig. 360,267; Sept. 13; Serial No. 403,678; published June 7, 1938.
Hat bodies. Mohn Brothers Company. 360,414; Sept. 13.
Hat bodies and hats. Henry Pollak, Inc. 360,392–5; Sept. 13.
Hats. Frank H. Lee Company. 360,303; Sept. 13; Serial No. 405,165; published June 14, 1938.
Hats and caps. John B. Stetson Company. 360,288; Sept. 13; Serial No. 404,730; published June 14, 1938.
Hats for women. Emporium World Millinery Co. 360,401; Sept. 13.
Hats, Ladies'. Fruhauf & Musyl, Inc. 360,206; Sept. 13; Serial No. 391,754; published June 29, 1937.
Hats, Ladies'. Lichtenstein Millinery Co. 360,201; Sept. 13; Serial No. 390,182; published June 21, 1938.
Heel cushions. General Tire & Rubber Company. 360,295; Sept. 13; Serial No. 404,987; published June 7, 1938.
Hosiery, neckties, and underwear. E. T. Oliver. 360,264; Sept. 13; Serial No. 403,557; published June 14, 1938.
Inserts for shoes, Cushioned. E. Baird. 360,402; Sept. 13.
Mufflers, bathing suits, hosiery, etc. Pauker Brothers. 360,219; Sept. 13; Serial No. 397,050; published June 14, 1938.
Outerwear and beach wear, Knitted. Ocean Bathing Suit Company. 360,316; Sept. 13; Serial No. 405,612; published June 21, 1938.
Pajamas, robes, and shorts. Knothe Bros. Co. 360,419; Sept. 13.
Panties and girdles. Wolfe & Lang, Inc. 360,342; Sept. 13; Serial No. 406,006; published June 28, 1938.
Robes, Automobile. Sears, Roebuck and Co. 360,210; Sept. 13; Serial No. 393,090; published July 5, 1938.
Skirt and shirt ensembles. Philip Ilison, Inc. 360,278; Sept. 13; Serial No. 404,174; published June 21, 1938.
Shirts, pajamas, socks, etc. John D. Van Allen & Son, Inc. 360,321; Sept. 13; Serial No. 405,789; published June 28, 1938.
Shoes. Cort Shoes, Inc. 360,249; Sept. 13; Serial No. 402,666; published June 14, 1938.
Shoes. Cort Shoes, Inc. 360,406–8; Sept. 13.
Shoes. Feltman & Curme Shoe Stores Company. 360,224; Sept. 13; Serial No. 398,669; published June 21, 1938.
Shoes. Gallenkamp Stores Co. 360,319; Sept. 13; Serial No. 405,695; published June 28, 1938.
Shoe covers to be worn over shoes. M. C. Palmer. 360,404; Sept. 13.
Shoes, hose, and anklets. Belk Brothers Company 360,310; Sept. 13; Serial No. 405,431; published June 28, 1938.
Shoes, Leather. Cable Shoes, Inc. 360,253; Sept. 13; Serial No. 402,766; published June 14, 1938.
Shoes, Ladies'. Midland Shoe Company. 360,222; Sept. 13; Serial No. 397,546; published June 7, 1938.
Shoes, Men's. Commonwealth Shoe and Leather Company. 360,285; Sept. 13; Serial No. 404,602; published June 7, 1938.
Shoes, slippers, and sandals. Behr-Flex, Inc. 360,199; Sept. 13; Serial No. 388,525; published June 7, 1938.
Shoes, Women's. Jordan Marsh Company. 360,268; Sept. 13; Serial No. 403,692; published June 21, 1938.
Shoes, Women's. Shu-Stiles, Incorporated. 360,241; Sept. 13; Serial No. 401,354; published June 14, 1938.
Shoes, Women's. G. Edwin Smith Shoe Company. 360,242; Sept. 13; Serial No. 401,681; published June 14, 1938.
Suits, coats, underwear, etc. Levy Brothers of Elizabeth, N. J., Inc. 360,387; Sept. 13.
Suspenders and braces, women's garters, hose supporters, etc., Men's. Pittsburgh Garter Company. 360,239; Sept. 13; Serial No. 401,118; published July 5, 1938.
Suspenders or braces. Swank Products, Inc. 360,396; Sept. 13.

CLASS 40

Sewing kits and sewing, knitting, and embroidery accessories. H. C. Bates. 360,409; Sept. 13.

CLASS 42

Canvas piece goods. Barnett Canvas Goods & Bag Co. 360,250; Sept. 13; Serial No. 402,674; published July 5, 1938.
Cotton goods and shadecloth. Albert D. Smith & Co. 360,352; Sept. 13; Serial No. 406,231; published July 5, 1938.
Cotton, woolen, and rayon and cotton, woolen, and rayon mixtures in the piece. Jonette Knitting Mills Inc. 360,331; Sept. 13; Serial No. 405,879; published July 5, 1938.
Fabrics. Terhune, Yeregance & Wolff, Inc. 360,290; Sept. 13; Serial No. 404,783; published July 5, 1938.
Fabrics in the piece, Textile. Duplan Silk Corporation. 360,345; Sept. 13; Serial No. 406,051; published July 5, 1938.
Fabrics, Pile. Sidney Blumenthal & Co. Inc. 360,356; Sept. 13; Serial No. 406,279; published July 5, 1938.
Fabrics, Woolen. Terhune, Yeregance & Wolff, Inc. 360,293; Sept. 13; Serial No. 404,963; published July 5, 1938.
Flannel, Worsted. Lorraine Manufacturing Company. 360,332; Sept. 13; Serial No. 405,882; published July 5, 1938.
Mats and toilet-seat cotton lid-covers, Cotton bath. Colorbrite Textiles, Inc. 360,348; Sept. 13; Serial No. 406,078; published July 5, 1938.
Piece goods. Celanese Corporation of America. 360,354; Sept. 13; Serial No. 406,238; published July 5, 1938.
Rayon piece goods, Spun. Max Levine & Co. 360,311; Sept. 13; Serial No. 405,449; published July 5, 1938.
Ribbon, French trimming. Tremont Mills Corporation. 360,263; Sept. 13; Serial No. 403,434; published July 5, 1938.
Rugs and carpets, Sisal. Hodges Carpet Company. 360,346; Sept. 13; Serial No. 406,055; published July 5, 1938.
Sheets and pillow cases. Cavendish Trading Corporation. 360,307; Sept. 13; Serial No. 405,346; published July 5, 1938.
Silks, rayons, and cotton goods. Sterling Textile Printers, Inc. 360,322–3; Sept. 13; Serial Nos. 405,793–4; published July 5, 1938.
Wool piece goods. Dexter Woolen Corporation. 360,302; Sept. 13; Serial No. 405,152; published July 5, 1938.
Woolen piece goods. Schneider & Armitage. 360,350; Sept. 13; Serial No. 406,195; published July 5, 1938.

CLASS 44

Arch supports. E. T. Helms. 360,228; Sept. 13; Serial No. 399,283; published July 5, 1938.
Dental floss. S. H. Kress and Company. 360,376; Sept. 13; Serial No. 406,686; published July 5, 1938.
Devices for fitting a hearing-aid to the needs of a person of impaired hearing, and the elements and accessories thereof. Sonotone Corporation. 360,371; Sept. 13; Serial No. 406,531; published July 5, 1938.
Gastric drip apparatus. John Wyeth and Brother, Incorporated. 360,368; Sept. 13; Serial No. 406,409; published July 5, 1938.
Hearing-aid devices and acoustic elements and accessories thereof. Sonotone Corporation. 360,312; Sept. 13; Serial No. 405,465; published July 5, 1938.
Metals used in dentistry, Casting. Williams Gold Refining Company. 360,246; Sept. 13; Serial No. 401,913; published July 5, 1938.
Prophylactic rubber articles. Robert J. Pierce, Inc. 360,335; Sept. 13; Serial No. 405,893; published July 5, 1938.

CLASS 45

Beverage, Coffee. R. H. Macy & Co. 360,375; Sept. 13; Serial No. 406,648; published July 5, 1938.
Beverages, and sirups and extracts for making the same. A. S. Bailis. 360,372; Sept. 13; Serial No. 406,543; published July 5, 1938.
Beverages, and syrups, extracts, and flavors used in making the same. J. G. Fox. 360,247; Sept. 13; Serial No. 402,515; published July 5, 1938.
Juices, Canned fruit. Barron-Gray Packing Company. 360,415; Sept. 13.
Syrups, extracts, flavors, etc. J. R. Watkins Company. 360,374; Sept. 13; Serial No. 406,612; published July 5, 1938.
Water, Bottle. Caldwell Mineral Water Corp. 360,275; Sept. 13; Serial No. 404,077; published July 5, 1938.

CLASS 46

Alimentary paste products. National Food Products Co. 360,200; Sept. 13; Serial No. 389,191; published July 5, 1938.
Beefsteak sauce. M. Spurr. 360,309; Sept. 13; Serial No. 405,417; published July 5, 1938.
Candy. Euclid Candy Co. of California, Inc. 360,355; Sept. 13; Serial No. 406,243; published July 5, 1938.
Candy. John O. Gilbert Chocolate Company. 360,234; Sept. 13; Serial No. 399,706; published July 5, 1938.
Candies, creamed mushrooms, and borsht. Russian Tea Room Restaurant, Inc. 360,262; Sept. 13; Serial No. 403,424; published July 5, 1938.
Canned citrus fruit and canned citrus fruit juices. J. J. Lynn. 360,400; Sept. 13.
Canned fish. Lyon Fish Company. 360,213; Sept. 13; Serial No. 394,073; published July 5, 1938.
Canned foods. St. Clair Foods Company. 360,243; Sept. 13; Serial No. 401,794; published July 5, 1938.
Canned vegetables. Griggs Canning Company. 360,361–2; Sept. 13; Serial Nos. 406,380–1; published July 5, 1938.
Confections, Frozen. Joe Lowe Corporation. 360,365; Sept. 13; Serial No. 406,396; published July 5, 1938.
Custard, Frozen. Reindeer Frozen Custard Company. 360,297; Sept. 13; Serial No. 405,036; published July 5, 1938.

Feed for live stock and poultry. Sargent & Company. 360,269; Sept. 13; Serial No. 403,787; published July 5, 1938.
Fish and shell-fish, Fresh cooked. A. W. Belcher. 360,238; Sept. 13; Serial No. 400,743; published July 5, 1938.
Flour, Wheat. Midland Flour Milling Company. 360,380; Sept. 13; Serial No. 406,819; published July 5, 1938.
Fruits and vegetables, Fresh. Scatena-Galli Fruit Company. 360,212; Sept. 13; Serial No. 394,064; published July 5, 1938.
Jellies, jams, fruit preserves, etc. J. D. Armstrong. 360,337; Sept. 13; Serial No. 405,980; published July 5, 1938.
Malt preparation. Stuart Lee Jaffray, Inc. 360,320; Sept. 13; Serial No. 405,725; published July 5, 1938.
Oleomargarine. Shedd Products Company. 360,391; Sept. 13.
Olive oil. United Pure Food Co. 360,359; Sept. 13; Serial No. 406,304; published July 5, 1938.
Pineapple, Fresh. A. M. Arbona. 360,216; Sept. 13; Serial No. 396,338; published July 5, 1938.
Seed and dog food, Bird. H. E. Bagnall. 360,248; Sept. 13; Serial No. 402,620; published July 5, 1938.
Syrup, Table. Cane Growers Cooperative Association. 360,370; Sept. 13; Serial No. 406,442; published July 5, 1938.
Vegetable food. Loma Linda Food Company. 360,363–4; Sept. 13; Serial No. 406,392–3; published July 5, 1938.

CLASS 47

Wines. Paddington Corporation. 360,296; Sept. 13; Serial No. 405,033; published July 5, 1938.
Wines. Pleasant Valley Wine Company. 360,218; Sept. 13; Serial No. 396,832; published Dec. 7, 1937.
Wines. Southland Wine Corporation. 360,254–5; Sept. 13; Serial No. 402,872–3; published July 5, 1938.
Wines. Wall Street Liquor Corp. 360,301; Sept. 13; Serial No. 405,145; published July 5, 1938.

CLASS 48.

Beer. A. Gettelman Brewing Co. 360,357; Sept. 13; Serial No. 406,286; published July 5, 1938.
Beer. Salem Brewery Association. 360,389–90; Sept. 13.
Beer and ale. Roger Williams Brewing Corporation. 360,257; Sept. 13; Serial No. 402,994; published July 5, 1938.

CLASS 49

Brandy, whiskey, gin, rum, etc. Bisceglia Brothers Corp. 360,261; Sept. 13; Serial No. 403,394; published July 5, 1938.
Cocktails. Gordon's Dry Gin Company Limited. 360,314; Sept. 13; Serial No. 405,600; published July 5, 1938.
Whiskey, gin, brandy, etc. Wakem & McLaughlin, Incorporated. 360,353; Sept. 13; Serial No. 406,236; published July 5, 1938.
Whiskies, gins, and alcoholic cordials. Kraus Bros. & Co. 360,390; Sept. 13.
Whiskies, gins, and alcoholic cordials. Kraus Bros. & Co. 360,425; Sept. 13.

CLASS 50

Awnings. Hawley Company. 360,421; Sept. 13.
Bird houses, Out door. H. W. Huwerth. 360,343; Sept. 13; Serial No. 406,008; published July 5, 1938.
Carpet cushioning or padding. Densten Felt & Hair Company. 360,235; Sept. 13; Serial No. 400,090; published July 5, 1938.
Liners for closure caps. Anchor Cap & Closure Corporation. 360,198; Sept. 13; Serial No. 387,617; published July 5, 1938.
Monuments, markers, tablets, etc., Stone. Cold Spring Granite Company. 360,240; Sept. 13; Serial No. 401,336; published July 5, 1938.
Ornaments, Christmas tree. Levi & Gade. 360,207; Sept. 13; Serial No. 391,816; published June 21, 1938.
Plastic products and novelties. Wood-Kraft Products Co. 360,398; Sept. 13.

LIST OF LABELS

American Plus Phillips Screws. For Metal Screws. American Screw Company. 51,780; Sept. 13.
Artistyle. For Boxes. Hoague-Sprague Corporation. 51,795; Sept. 13.
Boulevard Fashion. For Boxes. Hoague-Sprague Corporation. 51,798; Sept. 13.
Build-Your-Own New York Fair. For Toy Fair Erecting Sets. Standard Toykraft Products, Inc. 51,817; Sept. 13.
Chemi-Clean. For a Preparation for Cleaning Toilet Bowls and Auto Radiators. P. E. Dalton. 51,785; Sept. 13.
Dr. Ross' Texas Grapefruit Juice. For Grapefruit Juice Beverage. G. L. Ross. 51,816; Sept. 13.
Evercrisp. For Pickles. Packard-Bamberger & Co. 51,813; Sept. 13.
Fashion Tred Shoes. For Boxes. Hoague-Sprague Corporation. 51,788; Sept. 13.
Forsythe. For Boxes. Hoague-Sprague Corporation. 51,796; Sept. 13.
Gloria Footwear. For Boxes. Hoague-Sprague Corporation. 51,787; Sept. 13.
Junior Tred-Preserver. For Boxes. Hoague-Sprague Corporation. 51,793; Sept. 13.
Pillsbury's Pancake Flour. For Pancake Flour. Pillsbury Flour Mills Company. 51,814; Sept. 13.
Sabro. For Footwear. Hoague-Sprague Corporation. 51,791; Sept. 13.
S C R Inc. For Boxes. Hoague-Sprague Corporation. 51,794; Sept. 13.
Shurfine (Blackberries). For Blackberries. National Retailer-Owned Grocers, Inc. 51,800; Sept. 13.
Shurfine (Cake Flour). For Cake Flour. National Retailer-Owned Grocers, Inc. 51,805; Sept. 13.
Shurfine (Corn Flakes). For Corn Flakes. National Retailer-Owned Grocers, Inc. 51,806; Sept. 13.
Shurfine (Gelatin Dessert). For Gelatin Dessert. National Retailer-Owned Grocers, Inc. 51,802; Sept. 13.
Shurfine (Macaroni). For Macaroni. National Retailer-Owned Grocers, Inc. 51,809; Sept. 13.
Shurfine (Marshmallows). For Marshmallows. National Retailer-Owned Grocers, Inc. 51,812; Sept. 13.
Shurfine (Mince Meat). For Mince Meat. National Retailer-Owned Grocers, Inc. 51,808; Sept. 13.
Shurfine (Oats). For Quick Cooking Oats. National Retailer-Owned Grocers, Inc. 51,803; Sept. 13.
Shurfine (Pancake Flour). For Pancake Flour. National Retailer-Owned Grocers, Inc. 51,804; Sept. 13.
Shurfine (Salad Dressing). For Salad Dressing. National Retailer-Owned Grocers, Inc. 51,811; Sept. 13.
Shurfine (Shredded Cocoanut). For Shredded Cocoanut. National Retailer-Owned Grocers, Inc. 51,807; Sept. 13.
Shurfine (Spaghetti). For Spaghetti. National Retailer-Owned Grocers, Inc. 51,801; Sept. 13.
Shurfine (Syrup). For Golden Syrup. National Retailer-Owned Grocers, Inc. 51,799; Sept. 13.
Shurfine (Tomato Soup). For Tomato Soup. National Retailer-Owned Grocers, Inc. 51,810; Sept. 13.
Silver Seal. For Bread. Rapinwax Paper Company. 51,815; Sept. 13.
Smart Styles. For Boxes. Hoague-Sprague Corporation. 51,790; Sept. 13.
Spor-Tee Strutters. For Boxes. Hoague-Sprague Corporation. 51,786; Sept. 13.
Sportsgirl. For Boxes. Hoague-Sprague Corporation. 51,792; Sept. 13.
Stopit Scalp Cream. For a Scalp Cream. E. M. Wallace. 51,818; Sept. 13.
Style all the While. For Boxes. Hoague-Sprague Corporation. 51,797; Sept. 13.
Sunbeam (Apple Juice). For Pure Natural Unsweetened Apple Juice. Austin, Nichols & Co. Inc. 51,781; Sept. 13.
Sunbeam (Chocolate Flavored Malted Milk). For Sweetened Chocolate Flavored Malted Milk. Austin, Nichols & Co. Inc. 51,782; Sept. 13.
Sunbeam (Orange and Grapefruit Juice). For Orange and Grapefruit Juice. Austin, Nichols & Co. Inc. 51,783; Sept. 13.
Supreme Fashion. For Boxes. Hoague-Sprague Corporation. 51,789; Sept. 13.
Tato-Mix. For a Mix. D. Dalsey. 51,784; Sept. 13.

LIST OF PRINTS

Barts Hunch. For Game Apparatus. H. C. Bartholomew. 17,045; Sept. 13.
Berg Method of Entombment. For Concrete Tombs. C. L. Berg. 17,046; Sept. 13.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 13TH DAY OF SEPTEMBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

American Telephone and Telegraph Company. (See Potter, Ralph K., assignor.)
Butler, Clyde G., Cincinnati, Ohio, assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. Re. 20,852; Sept. 13.
Campbell, Neil L., assignor to Mannington Mills, Incorporated, Salem, N. J. Producing felt base floor coverings. Re. 20,853; Sept. 13.
Deckert, Danvers O. C., University City, Mo. Making Sanctuary candles. Re. 20,854; Sept. 13.
Fankboner, Harland, assignor to The Goss Printing Press Company, Chicago, Ill. Method and apparatus for preparing stereotype matrices. Re. 20,855; Sept. 13.
Goss Printing Press Company, The. (See Fankboner, Harland, assignor.)
Graham, Joyce K., Canton, Ohio. Chipping and cutting tool. Re. 20,856; Sept. 13.
Haltenberger, Jules, Ann Arbor, Mich. Fender accessory. Re. 20,857; Sept. 13.
Mannington Mills, Incorporated. (See Campbell, Neil L., assignor.)
Moller, Berniece, Piedmont, Calif. Hand guard. Re. 20,858; Sept. 13.
New York Central Railroad Company, The. (See Thomas, William L., assignor.)
Potter, Ralph K., Madison, N. J., assignor to American Telephone and Telegraph Company. Electric circuit arrangement. Re. 20,859; Sept. 13.
Stewart-Warner Corporation. (See Butler, Clyde G., assignor.)
Thomas, William L., Haverstraw, N. Y., assignor to The New York Central Railroad Company. Box car. Re. 20,860; Sept. 13.

LIST OF DESIGN PATENTEES

Abbott, Scott M., assignor to The Burrows Company, Chicago, Ill. Suction evacuator for surgical and similar operations. 111,233; Sept. 13.
Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Portable power-driven tool unit. 111,234; Sept. 13.
Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Portable power-driven tool unit. 111,265; Sept. 13.
Albertson & Company. (See Albertson, Frans O., assignor.)
American Fabrics Company, The. (See Philips, Hans A., assignor.)
Andors, Lise A., New York, N. Y. Dress. 111,235; Sept. 13.
Barge, Henry A., La Crosse, Wis. Combined dial and hands for a clock or similar article. 111,296; Sept. 13.
Beer, Edwin, Athens, Ga. Book end. 111,236; Sept. 13.
Berk, Harry S., Brooklyn, N. Y. Combined handle and frame for mirror or similar article. 111,274; Sept. 13.
Biondo, Santa, and A. M. Langen, New York, N. Y. Handkerchief case or similar article. 111,275; Sept. 13.
Brenner, Joseph, New York, N. Y. Dress. 111,297; Sept. 13.
Burke, Lillian, New York, N. Y. Dress. 111,237; Sept. 13.
Burke, Lillian, New York, N. Y. Dress. 111,238; Sept. 13.
Burke, Lillian, New York, N. Y. Dress. 111,239; Sept. 13.
Burrows Company, The. (See Abbott, Scott M., assignor.)
Cheris, Irving R., Chicago, Ill. Combined steering wheel and horn ring. 111,240; Sept. 13.
Chicago Bridge & Iron Company. (See Horton, George T., assignor.)
Cippico, Giuseppe, Rome, Italy. Cigar holder. 111,276; Sept. 13.
Cippico, Giuseppe, Rome, Italy. Cigarette holder. 111,277; Sept. 13.
Cippico, Giuseppe, Rome, Italy. Smoking pipe. 111,278; Sept. 13.
Coleman, Tora, New York, N. Y. Dress. 111,298; Sept. 13.
Coleman, Tora, New York, N. Y. Dress. 111,299; Sept. 13.
Coleman, Tora, New York, N. Y. Dress. 111,300; Sept. 13.
Crown Cork & Seal Company. (See Grasty, Nathaniel D., assignor.)
D'Addario, Thomas, Astoria, N. Y. Glass syphon bottle or similar article. 111,241; Sept. 13.
Dunn, Walter S., Danville, Ky. Bottle. 111,242; Sept. 13.
Electro Manufacturing Co. (See Nemeroff, Victor, assignor.)
Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 111,279; Sept. 13.
Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 111,280; Sept. 13.
Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 111,281; Sept. 13.
Ellen Lace & Embroidery Co. (See Scheiwiller, Robert, assignor.)
Enterprise Manufacturing Company of Pennsylvania, The. (See Rable, Hans E. A., assignor.)
Everly, James H., Wilmington, Calif. Milk bottle tray. 111,243; Sept. 13.
Fassin, Gustave, Irondequoit, N. Y., assignor to International Radio Corporation, Ann Arbor, Mich. Photographic printer enlarger or similar article. 111,244; Sept. 13.
Feldman, Abraham G., Chicago, Ill. Bassinet. 111,245; Sept. 13.
Feldman, Abraham G., Chicago, Ill. Bassinet. 111,246; Sept. 13.
Feldman, Abraham G., Chicago, Ill. Bassinet. 111,247; Sept. 13.
Fischer, Benjamin, New York, N. Y. Child's coat. 111,282; Sept. 13.
Fish, Ned D., and M. Oehler, assignors to W. A. Shaeffer Pen Company, Fort Madison, Iowa. Fountain pen. 111,301; Sept. 13.
Forman, Hugh L., New York, N. Y. Propelled vehicle. 111,248; Sept. 13.
Fox, Alexander P., University City, assignor to Lincoln Engineering Company, St. Louis, Mo. Cabinet or similar container for lubricants. 111,249; Sept. 13.
Fracchia, Pauline, New York, N. Y. Dress. 111,250; Sept. 13.
Fracchia, Pauline, New York, N. Y. Dress. 111,302; Sept. 13.
Fracchia, Pauline, New York, N. Y. Dress. 111,303; Sept. 13.
Fracchia, Pauline, New York, N. Y. Dress. 111,251; Sept. 13.
Fracchia, Pauline, New York, N. Y. Dress. 111,252; Sept. 13.
Fried, Benjamin, New York, N. Y. Dress. 111,304; Sept. 13.
Gellman, Israel C., assignor to Gellman Manufacturing Company, Rock Island, Ill. Combined massage table and bath cabinet. 111,283; Sept. 13.
Gellman Manufacturing Company. (See Gellman, Israel C., assignor.)
Gillette Safety Razor Company. (See Worthington, Everett, assignor.)
Gilman, James N. (See Mowry, Charles E., assignor.)
Glenshaw Glass Company. (See Meyer, Albert C., assignor.)
Gold, Lola, New York, N. Y. Dress. 111,305; Sept. 13.
Gold, Lola, New York, N. Y. Dress. 111,306; Sept. 13.
Goldsmith, Samuel R., New York, N. Y. Handbag. 111,284; Sept. 13.
Gorham Manufacturing Company. (See Petzold, William B., assignor.)
Grasty, Nathaniel D., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Preserving jar. 111,253; Sept. 13.
Gugenheim, Joseph E., Indianapolis, Ind. Roasting ear dish or the like. 111,254; Sept. 13.
Hazel-Atlas Glass Company, The. (See Spence, James E., assignor.)
Higginson, George J., assignor to Johnson Bros. (Hanley) Ltd., New York, N. Y. Platter or similar article. 111,255; Sept. 13.
Horton, George T., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Elevated tank. 111,256; Sept. 13.
Horton, George T., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Elevated tank. 111,257; Sept. 13.

Horton, George T., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Elevated tank. 111,258; Sept. 13.
Horton, George T., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Elevated tank. 111,259; Sept. 13.
Horton, George T., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Elevated tank. 111,260; Sept. 13.
Hymen, Louis, New York, N. Y. Dress. 111,261; Sept. 13.
International Association of Lions Clubs. (See Jones, Melvin, assignor.)
International Radio Corporation. (See Fassin, Gustave, assignor.)
Jackson, Michael, Chicago, Ill. Mailing folder. 111,285; Sept. 13.
Johnson Bros. (Hanley) Ltd. (See Higginson, George J., assignor.)
Jones, Melvin, assignor to International Association of Lions Clubs, Chicago, Ill. Key charm. 111,262; Sept. 13.
Kushner, Jacob J., New York, N. Y. Dress. 111,307; Sept. 13.
Kushner, Jacob J., New York, N. Y. Dress. 111,308; Sept. 13.
Landau, Sam, New York, N. Y. Slip. 111,286; Sept. 13.
Langen, Ann M. (See Biondo, S., and Langen.)
Lankenau, John R., Brighton, Mass. Diaper. 111,287; Sept. 13.
Lankenau, John R., Brighton, Mass. Diaper. 111,288; Sept. 13.
Laye, Florence, New York, N. Y. Dress. 111,263; Sept. 13.
Laye, Florence, New York, N. Y. Dress. 111,264; Sept. 13.
Lee, Clifford C., Aberdeen, S. Dak. Arc welder. 111,208; Sept. 13.
Leishman, Le Roy J., Los Angeles, Calif. Escutcheon plate for a combined radio tuning dial and control panel or the like. 111,266; Sept. 13.
Levine, Sam, New York, N. Y. Sweater. 111,309; Sept. 13.
Lincoln Engineering Company. (See Fox, Alexander P., assignor.)
Mast, Esther, New York, N. Y. Dress. 111,310; Sept. 13.
Master Venetian Blind Hardware Corporation. (See Radel, Aaron A., assignor.)
Mattias, Joseph M., West Warwick, R. I. Electric sign base. 111,209; Sept. 13.
McCurrach, James C., Brooklyn, N. Y. Color indicator necktie rack. 111,210; Sept. 13.
Meltzer, Jack, Putnam, Conn. Slipper. 111,211; Sept. 13.
Meyer, Albert C., assignor to Glenshaw Glass Company, Glenshaw, Pa. Glass bottle. 111,212; Sept. 13.
Mowry, Charles E., Berkeley, assignor to J. N. Gilman, Oakland, Calif. Pumping unit or similar article. 111,289; Sept. 13.
Nemeroff, Victor, assignor to Electro Manufacturing Co., Chicago, Ill. Lamp shade. 111,213; Sept. 13.
Oehler, Max. (See Fish, N. D., and Oehler.)
Petzold, William B., Pittsfield, Mass., assignor to Gorham Manufacturing Company, Providence, R. I. Lighting fixture grille. 111,214; Sept. 13.
Philips, Hans A., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace scarf or similar article. 111,290; Sept. 13.
Philips, Hans A., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. 111,291; Sept. 13.
Philips, Hans A., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. 111,292; Sept. 13.
Pryne, Ralph, Los Angeles, Calif. Door knocker. 111,215; Sept. 13.
Pryne, Ralph, Los Angeles, Calif. Door knocker. 111,216; Sept. 13.
Rable, Hans E. A., assignor to The Enterprise Manufacturing Company, of Pennsylvania, Philadelphia, Pa. Food chopper. 111,217; Sept. 13.
Radel, Aaron A., assignor to Master Venetian Blind Hardware Corporation, New York, N. Y. Cord tassel. 111,218; Sept. 13.
Reinecke, Jean O., Chicago, Ill., assignor to Webster Electric Company, Racine, Wis. Phonograph tone arm. 111,219; Sept. 13.
Richardson, Bayard E., and R. W. Willey, Grand Rapids, Mich. Desk. 111,220; Sept. 13.
Richardson, Bayard E., and R. W. Willey, Grand Rapids, Mich. Desk. 111,221; Sept. 13.
Ritz-Woller, Oliver C., Chicago, Ill. Illuminable mirror or similar article. 111,222; Sept. 13.
Ritz-Woller, Oliver C., Chicago, Ill. Illuminable mirror or similar article. 111,223; Sept. 13.
Ritz-Woller, Oliver C., Chicago, Ill. Illuminable mirror or similar article. 111,224; Sept. 13.
Romer, Max L., New York, N. Y. Coat. 111,293; Sept. 13.
Rost, Katheryn, New York, N. Y. Dress. 111,225; Sept. 13.
Runnels, Garland D., Seattle, Wash. Bottle. 111,226; Sept. 13.
Scheiwiller, Robert, Union City, N. J., assignor to Ellen Lace & Embroidery Co., Inc., New York, N. Y. Textile fabric or similar article. 111,267; Sept. 13.
Scheiwiller, Robert, Union City, N. J., assignor to Ellen Lace & Embroidery Co., Inc., New York, N. Y. Textile fabric or similar article. 111,268; Sept. 13.
Scheiwiller, Robert, Union City, N. J., assignor to Ellen Lace & Embroidery Co., Inc., New York, N. Y. Textile fabric or similar article. 111,269; Sept. 13.
Scheiwiller, Robert, Union City, N. J., assignor to Ellen Lace & Embroidery Co., Inc., New York, N. Y. Textile fabric or similar article. 111,270; Sept. 13.
Scheiwiller, Robert, Union City, N. J., assignor to Ellen Lace & Embroidery Co., Inc., New York, N. Y. Textile fabric or similar article. 111,271; Sept. 13.
Scheiwiller, Robert, Union City, N. J., assignor to Ellen Lace & Embroidery Co., Inc., New York, N. Y. Lace capelet or similar article. 111,272; Sept. 13.
Secan, Martin, Highland Park, Mich. Ashtray. 111,227; Sept. 13.
Sheaffer, W. A., Pen Company. (See Fish, N. D., and Oehler, assignors.)
Silverman, Jacob A., New York, N. Y. Coat. 111,294; Sept. 13.
Slote & Klein, Inc. (See Slote, Reuben, assignor.)
Slote, Reuben, Mount Vernon, N. Y., assignor to Slote & Klein, Inc. Belt buckle. 111,228; Sept. 13.
Smith, Raymond E., Joliet, Ill. Store front. 111,295; Sept. 13.
Spence, James E., assignor to The Hazel-Atlas Glass Company, Wheeling, W. Va. Drinking glass. 111,229; Sept. 13.
Stedman, Joseph F., Brooklyn, N. Y. Seven sorrows bracelet or similar article. 111,230; Sept. 13.
Teunisz, William C., Grand Rapids, Mich. Milk bottle. 111,311; Sept. 13.
Titze, Walter K., Oklahoma City, Okla., assignor to Universal Potteries, Inc., Cambridge, Ohio. Pitcher or similar article. 111,231; Sept. 13.
Titze, Walter K., Oklahoma City, Okla., assignor to Universal Potteries, Inc., Cambridge, Ohio. Condiment container or similar article. 111,312; Sept. 13.
Titze, Walter K., Oklahoma City, Okla., assignor to Universal Potteries, Inc., Cambridge, Ohio. Condiment container or similar article. 111,313; Sept. 13.
Titze, Walter K., Oklahoma City, Okla., assignor to Universal Potteries, Inc., Cambridge, Ohio. Casserole or similar article. 111,314; Sept. 13.
Universal Potteries, Inc. (See Titze, Walter K., assignor.)
Voges, Fred W., Ozone Park, N. Y. Poker chip or similar article. 111,273; Sept. 13.
Webster Electric Company. (See Reinecke, Jean O., assignor.)
Willey, Richard W. (See Richardson, B. E., and Willey.)
Worthington, Everett, Scarsdale, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Casing for shaving implements. 111,232; Sept. 13.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 13TH DAY OF SEPTEMBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Winding machine. 2,129,660; Sept. 13.
Abbott, James H., Bala-Cynwyd, Pa. Napkin holder for headrests. 2,130,217; Sept. 13.
Abbott Machine Company. (See Abbott, Edward J., assignor.)
Accessories Company, The. (See Sakler, George, assignor.)
Acton, Russel E., Chicago, Ill., assignor to International Harvester Company. Tractor construction. 2,129,724; Sept. 13.
Adams, Harry B., assignor to Cherry-Burrell Corporation, Chicago, Ill. Apparatus for delivering edible solids to ice cream. 2,130,113; Sept. 13.
Adams, Simpson J., and W. A. Smith, Spindle, N. C. Stop motion for roving frames. 2,129,639; Sept. 13.
Aeppli, Albert, assignor to firm Maag-Zahnrader und-Maschinen A.-G., Zurich, Switzerland. Helical gear cutting machine. 2,130,055; Sept. 13.
Agfa Ansco Corporation. (See Knodel, Adolf, assignor.)
Agudio, Paolo, Turin, Italy. Quick-acting wrench or other clamping device. 2,130,218; Sept. 13.
Allison, Kenneth C., Arlington Heights, and E. J. Mastney, Berwyn, assignors to Oak Manufacturing Company, Chicago, Ill. Index mechanism. 2,130,219; Sept. 13.
Airmaster Corporation. (See Hueglin, Herman C., assignor.)
Aktiebolaget Spontan. (See Knochenhauer, Günther, assignor.)
Albright, Edward A., Berwyn, assignor to Caspers Tin Plate Company, Chicago, Ill. Oven construction. 2,129,634; Sept. 13.
Alden, Milton, Brockton, Mass. Socket for vacuum tubes, etc. 2,129,725; Sept. 13.
Alfred, Clarence J., Orange, N. J., assignor to The American Sugar Refining Company, New York, N. Y. Carton. 2,129,980; Sept. 13.
Allen, William H. (See Burke, W. E., Allen, Peet, Ritchie, and Gale.)
Allied Mills, Inc. (See Hasbrouck, Frank F., assignor.)
Alva, Felix, New York, N. Y. Amusement device. 2,129,981; Sept. 13.
American Brake Shoe and Foundry Company, The. (See Spokes, Ray E., assignor.)
American Coach & Body Company. (See Larsen, N. P., and Troche, assignors.)
American Cyanamid Company. (See Barsky, G., and Hansen, assignors.)
American Cyanamid Company. (See Glinsmann, Walter F., assignor.)
American Cyanamid & Chemical Corp. (See Jaeger, A. O., and West, assignors.)
American Forging & Socket Company. (See Saunders, W. S., and McGregor, assignors.)
American-National Company, The. (See Snell, Samuel A., assignor.)
American Optical Company. (See Tillyer, Edgar D., assignor.)
American Potash & Chemical Corporation. (See Burke, W. E., Allen, Peet, Ritchie, and Gale, assignors.)
American Steel Foundries. (See Light, David M., assignor.)
American Sugar Refining Company, The. (See Alfred, Clarence J., assignor.)
American Telephone and Telegraph Company. (See Cowan, Frank A., assignor.)
American Telephone and Telegraph Company. (See Rumbold, William N., assignor.)
American Telephone and Telegraph Company. (See Southworth, George C., assignor.)
American Tool & Machine Co. (See Tholl, John F., assignor.)
American Viscose Corporation. (See Tompkins, Gerald S., assignor.)
Anderson, Charles A., New Rochelle, assignor to The Gotham Pressed Steel Corporation, New York, N. Y. Window ventilator. 2,130,114; Sept. 13.
Anderson, Roger, Seattle, Wash. Fracture-reducing splint. 2,129,635; Sept. 13.
Armstrong, Edwin H., New York, N. Y. Radio transmitting system. 2,130,172; Sept. 13.
Arnold, Clarence F., Drexel Hill, Pa. Making a rug fringe. 2,129,636; Sept. 13.
Ashby, Carl T., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,129,982; Sept. 13.
Associated Electric Laboratories, Inc. (See Levy, Oscar C., assignor.)
Associated Electric Laboratories, Inc. (See Nelson, Martin L., assignor.)
Ateliers de Constructions Mecaniques C. & A. Holweg. (See Holweg, Charles, assignor.)
Atlantic Refining Company, The. (See Ferris, Seymour W., assignor.)
Atlantic Refining Company, The. (See Griesinger, William K., assignor.)
Atwood, James T., Rockford, Ill., and D. E. Crabb, Detroit, Mich., assignors to Atwood Vacuum Machine Company, Rockford, Ill. Seat slide assembly. 2,129,637; Sept. 13.
Atwood Vacuum Machine Company. (See Atwood, J. T., and Crabb, assignors.)
Atwood Vacuum Machine Company, The. (See Lustig, Walter R., assignor.)
Augenstein, Henry E., New York, N. Y. Cuff link. 2,129,640; Sept. 13.
Aurex Corporation. (See Tittle, Hulbert C., assignor.)
Aust, Joseph B. (See Martin, H. C., Upper, and Aust.)
Austin, Benjamin F., East Gastonia, N. C. Burial apparatus. 2,130,056; Sept. 13.
Bacon, Jay H., Peoria, Ill. Surgical appliance. 2,129,983; Sept. 13.
Bacon, Leonard B., East Brunswick, Australia. Drum type indicator. 2,129,984; Sept. 13.
Badger Meter Manufacturing Company. (See Krueger, Emil M., assignor.)
Baker Brush Co. Inc. (See Schick, Joseph, assignor.)
Baker, John B., and H. R. Slusser, assignors to The Timken Roller Bearing Company, Canton, Ohio. Multiple-row taper roller bearing. 2,130,258; Sept. 13.
Baker, John S., assignor to Cook Electric Company, Chicago, Ill. Quick starting vapor motor. 2,129,638; Sept. 13.
Baldwin-Southwark Corporation. (See Galson, Henry L., assignor.)
Ball, Albert L., Lewiston Heights, Lewiston, assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Composite abrasive sheet. 2,129,661; Sept. 13.
Ball, George D., and C. L. Tumulty, Alexandria, Ind. Nonrotatable hub cap. 2,130,220; Sept. 13.
Barber, Alfred W., Flushing, N. Y. Rectifier circuit. 2,129,726; Sept. 13.
Barber, Alfred W., Flushing, N. Y., assignor to Hazeltine Corporation. Coupling system. 2,129,727; Sept. 13.
Barnes, Joe L., assignor to L. R. MacKenzie, Incorporated, Des Moines, Iowa. Nozzle and making the same. 2,130,173; Sept. 13.
Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,129,900; Sept. 13.
Barrett, Harold J., and D. E. Strain, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of methacrylic acid. 2,129,662; Sept. 13.
Barrett, Harold J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of methacrylic acid. 2,129,663; Sept. 13.
Barrett, Harold J., and D. E. Strain, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of methacrylic acid. 2,129,664; Sept 13.
Barrett, Harold J., and D. E. Strain, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of methacrylic acid. 2,129,665; Sept. 13.
Barrett, Harold J., and D. E. Strain, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of methacrylic acid. 2,129,666; Sept. 13;
Barrett, Harold J., and D. E. Strain, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of methacrylic acid. 2,129,667; Sept. 13.
Barrett, Harold J., and D. E. Strain, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ester of methacrylic acid. 2,129,668; Sept. 13.
Barrett, William H., Brooklyn, N. Y., assignor to Leather Designs Incorporated, Boston, Mass. Decorating and decorated leather. 2,130,221; Sept. 13.
Barrett, William H., Brooklyn, N. Y., assignor to Leather Designs Incorporated, Boston, Mass. Decorating leather. 2,130,222; Sept. 13.
Barron, Joseph M., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,130,313; Sept. 13.
Barsky, George, New York, N. Y., and W. C. Hansen, Westfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Coloring coal. 2,129,902; Sept. 13.
Bartsch, Walter, assignor to "Wistra" Ofenbau-Gesellschaft m. b. H., Essen, Germany. Filter contrivance for the removal of impurities from gaseous or liquid media. 2,129,985; Sept. 13.

Baughman, John, and J. Venetta, Warren, Ohio. Lighting device. 2,129,641; Sept. 13.
Bauley, George H. (See Bosh, T. S., and Bauley.)
Bayer, Otto. (See Schrader, G., and Bayer.)
Beardsley, Leo R. (See Slaughter, George H., assignor.)
Beauchamp, George D., assignor to Electro String Instrument Corporation, Los Angeles, Calif. Stringed musical instrument. 2,130,174; Sept. 13.
Beaurline, Arthur W., Chicago, Ill. Fountain brush. 2,130,223; Sept. 13.
Beckman, Rudolph H., Davenport, and J. H. Ploehn, Bittendorf, Iowa, assignors to French & Hecht, Incorporated. Wheel structure. 2,129,807; Sept. 13.
Beckwith, Lawton B. (See Subkow, P., and Beckwith.)
Bell Telephone Laboratories, Incorporated. (See Bowen, Arnold E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Chaffee, Joseph G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Laico, Joseph P., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mitchell, Doren, assignor.)
Bell Telephone Laboratories, Incorporated. (See Rack, Alois J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Trucksess, David E., assignor.)
Belmont Radio Corporation. (See Plensler, Alexander W., assignor.)
Bendix Aviation Corporation. (See Cerf, Gustave D., assignor.)
Benedek, Elek K., Bucyrus, Ohio. Variable delivery pump or motor. 2,129,642; Sept. 13.
Benedek, Elek K., Bucyrus, Ohio. Variable delivery pump. 2,129,643; Sept. 13.
Bennett, Grattan G., Heber, and W. J. Dallas, Brawley, Calif. Loading machine. 2,130,057; Sept. 13.
Benson, Lawrence, Wayland, Doerr Township, Allegan County, Mich. Fish reel brake. 2,129,903; Sept. 13.
Bentley, Oliver D. H., Norfolk, Mass. Blower. 2,129,808; Sept. 13.
Berg, Carl, Arriba, assignor of one-half to R. C. Liber, Denver, Colo. Trailer hitch. 2,129,728; Sept. 13.
Berghoefer, Victor A., assignor to Sterling Engineering Company, Milwaukee, Wis. Steam trap. 2,129,986; Sept. 13.
Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,129,809; Sept. 13.
Bergström, Sten. (See Pierre, A. B., Johannson, and Bergström.)
Berkson, Ralph, Champaign, Ill. Method and apparatus for cooling dental impressions. 2,129,987; Sept. 13.
Best, Evard P. (See Story, E. B., and Best.)
Betz, Paul L., Baltimore, Md., and S. Karrer, Washington, D. C., assignors to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Safety device for gas heaters. 2,130,175; Sept. 13.
Bickel, Clarke A., Huntington Park, Calif. Producing souvenir pocketpieces. 2,130,058; Sept. 13.
Biddle, John, Whitwick, assignor to M. Margolis, London, England. Self-lighting cigarette. 2,130,115; Sept. 13.
Bier, Arthur M., New York, N. Y. Locking and latching means. 2,129,810; Sept. 13.
Binz, Arthur, Berlin, Germany, and B. Hughes, Carbondale, Pa., assignors to Winthrop Chemical Company, Inc., New York, N. Y. Mercurized halogen methane sulphonic acids and their salts and the preparation thereof. 2,129,988; Sept. 13.
Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Electrical connecter. 2,129,811; Sept. 13.
Bissell, William T., assignor to Journal Box Servicing Corporation, Indianapolis, Ind. Journal box waste grab preventing means. 2,129,812; Sept. 13.
Black & Decker Manufacturing Company. (See Whitney, K. E., and Decker, assignors.)
Blaetz, Harry M., Haddonfield, N. J. assignor to The Curtis Publishing Company, Philadelphia, Pa. Apparatus for heat treating electrotype printing plates. 2,129,904; Sept. 13.
Blalock, Burman K. (See Huss, Joseph F., assignor.)
Blizard, Charles E., assignor to Winchester Repeating Arms Company, New Haven, Conn. Tubular magazine repeating firearm. 2,129,729; Sept. 13.
Blue Ridge Slate Corporation. (See Hillers, Carl E., assignor.)
Blydenburgh, Harold L., Highland Park, assignor to The Moto-Mower Co., Detroit, Mich. Lawn mower hitch. 2,130,116 Sept. 13.
Bole, George A. (See Co Van, H. E., and Bole.)
Bonaguidi, George C., Evanston, Ill. Roasting spit. 2,130,259; Sept. 13.
Bond, Harry, East Stroudsburg, Pa. Paste dispenser. 2,130,176; Sept. 13.
Bonforte, Mary L., Salt Lake City, Utah. Single lock tire chain. 2,130,293; Sept. 13.
Bonsignore, Henry C., Lake Placid, N. Y. Barber's apron. 2,129,644; Sept. 13.
Bosh, Tony S., and G. H. Bauley, Williston, N. Dak. Tank filling device. 2,130,059; Sept. 13.
Bottoms, Robert R., assignor to The Girdler Corporation, Louisville, Ky. Production of anhydrous sodium sulphate. 2,129,813; Sept. 13.
Bouwers, Albert, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray apparatus. 2,129,646; Sept. 13.
Bowen, Arnold E., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Guided wave transmission. 2,129,669; Sept. 13.
Boykow, Blanca, et al., heirs. (See Boykow, Johann M.)
Boykow, Erika, et al., heirs. (See Boykow, Johann M.)
Boykow, Johann M., et al., heirs. (See Boykow, Johann M.)
Boykow, Johann M., deceased, Berlin-Lichterfelde, by B., E., and J. M. Boykow, Bad Wiessee, Bavaria, sole heirs, assignors to Deutsche Luftfahrt- und Handels-Aktiengesellschaft, Berlin, Germany. Navigational instruments. 2,130,224; Sept. 13.
Bracewell, Russell S., South Hadley, Mass. Method and apparatus for coating paper and the like. 2,129,060; Sept. 13.
Bracken, Wallace H., Milton Point, Rye, N. Y., assignor to Hartmann Trunk Company, Racine, Wis. Garment container necktie rack. 2,129,905; Sept. 13.
Bradshaw, Charles E., assignor of one-third to C. Martin, Wellville, Va. Fifth wheel construction for trailers. 2,129,989; Sept. 13.
Brandes, Dedrick H., White Plains, N. Y. Position signaling device. 2,130,260; Sept. 13.
Bredereck, Hellmut, Leipzig, assignor to G. Henning, Chem. pharm. Werk G. m. b. H., Berlin-Tempelhof, Germany. Manufacture of nucleosides by fermentation. 2,130,061; Sept. 13.
Brietzcke, Edmund H. (See Peate, George A., assignor.)
Briggs & Stratton Corporation. (See Mack, Perry E., assignor.)
Briggs & Stratton Corporation. (See Rubner, Hugo G., assignor.)
Bright, Elvin M., Dayton, Ohio. Process of and apparatus for applying nitrocellulose coating. 2,130,225; Sept. 13.
Brill, William E., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Built-up cylinder block for internal combustion engines. 2,129,906; Sept. 13.
British Marine Utilities Company Limited. (See Mason, Ronald T. G., assignor.)
Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Meta-substituted phenols. 2,129,907; Sept. 13.
Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Separation of ortho-, meta-, and para-phenyl-phenols. 2,129,908; Sept. 13.
Britton, Edgar C., H. S. Nutting, and M. E. Huscher, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of olefine chlorohydrins. 2,130,226; Sept. 13.
Broadwater, James R. (See Purtle, A. D., and Broadwater.)
Brogger, Ivar W., Orange, N. J. Lamp attachment means. 2,129,814; Sept. 13.
Bromilow & Edwards Limited. (See Swift, Herbert W., assignor.)
Broquinda, Inc. (See Quinn, C. E., and Lassiter, Jr., assignors.)
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Bobbin support. 2,130,062; Sept. 13.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Bobbin supporting device. 2,130,315; Sept. 13.
Brown, Charles S., Syracuse, N. Y. Roller bearing cage. 2,130,295; Sept. 13.
Brown, Ralph W., Shorewood, assignor to The Falk Corporation, Milwaukee, Wis. Variable speed transmission. 2,130,314; Sept. 13.
Brunner, Cora M., executrix. (See Brunner, John.)
Brunner, John, deceased, Chicago, Ill.; C. M. Brunner, executrix. Cooling rails. 2,129,670; Sept. 13.
Brunner, John, deceased, Chicago, Ill.; C. M. Brunner, executrix. Manufacturing wheels. 2,129,671; Sept. 13.
Bruner, Ralph R., and L. R. Redden, Loma Linda, Calif. Orchard heater. 2,130,227; Sept. 13.
Braunschweiger, Paul G., assignor to The Troy Sunshade Company, Troy, Ohio. Umbrella. 2,130,294; Sept. 13.
Bryant, Jerrus M., Indianapolis, Ind., assignor to Link-Belt Company. Cotter for roller chains. 2,130,063; Sept. 13.
Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Printing and accounting machine. 2,129,645; Sept. 13.
Bucknam, James H., Cranford, N. J., assignor, by meane assignments, to Union Carbide and Carbon Corporation. Blowpipe. 2,129,672; Sept. 13.
Bucknam, James H., Cranford, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Apparatus for welding. 2,130,261; Sept. 13.
Bucky, Philip B., Mamaroneck, assignor to University Patents, Inc., New York, N. Y. Process of and machine for crushing and mixing. 2,130,064; Sept. 13.
Bullard Company, The. (See Bullard, Edward P., III, assignor.)
Bullard, Edward P., III, Fairfield, Conn., assignor to The Bullard Company. Machine tool coolant distribution. 2,129,815; Sept. 13.
Burgh, John, Denver, Colo. Vehicle construction. 2,130,066; Sept. 13.
Burgin, James. (See Groll, H. P. A., Hearne, Burgin, and La France.)
Burke, Ethelyn M., Fond du Lac, Wis. Playground slide. 2,129,909; Sept. 13.

Burke, William E., W. H. Allen, R. B. Peet, C. F. Ritchie, and W. A. Gale, assignors to American Potash & Chemical Corporation, Trona, Calif. Crystallization method. 2,130,065; Sept. 13.
Burlin, Moritz, assignor to Emby Photo and Film Machine Corp., New York, N. Y. Portable camera support. 2,130,262; Sept. 13.
Burnett, John M., Skowhegan, Maine. Bunch builder attachment for winding machines. 2,130,067; Sept. 13.
Burns, Jabez, & Sons, Inc. (See Burns, William G., assignor.)
Burns, William G., assignor to Jabez Burns & Sons, Inc., New York, N. Y. Roasting method and apparatus. 2,129,673; Sept. 13.
Butts, Jean G., Cato, N. Y. Apparatus for transplanting trees and the like. 2,130,117; Sept. 13.
Byars, Logan C., Los Angeles, Calif. Fountain mop control. 2,129,816; Sept. 13.
Byers, A. M., Company. (See Story, E. B., and Best, assignors.)
Caldwell, Stuart H., assignor to Kelch Heater Company, Detroit, Mich. Speed indicator apparatus for motor vehicles. 2,130,296; Sept. 13.
Carborundum Company, The. (See Ball, Albert L., assignor.)
Carborundum Company, The. (See Nartin, H. C., Upper, and Aust, assignors.)
Carborundum Company, The. (See Robie, Norman P., assignor.)
Carnes, Robert M., and R. E. Gearhart, Kansas City, Mo. Display device. 2,129,647; Sept. 13.
Carpenter, Guy C., Medford, Mass. Oil burner heat control apparatus. 2,129,817; Sept. 13.
Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Air-borne gyrocompass. 2,129,818; Sept. 13.
Caspers Tin Plate Company. (See Albright, Edward A., assignor.)
Catron, Russell M., San Diego, Calif. Rifle. 2,129,648; Sept. 13.
Celanese Corporation of America. (See Dickie, W. A., Hale, and Howarth, assignors.)
Celanese Corporation of America. (See Hale, F. C., and Yorke, assignors.)
Celanese Corporation of America. (See Hilliard, Thomas H.)
Celanese Corporation of America. (See Kimpton, W. H., and Fulton, assignors.)
Celanese Corporation of America. (See Uphill, K. M., and Jackson, assignors.)
Cerf, Gustave D., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magnetogenerator for internal combustion engines. 2,130,316; Sept. 13.
Chaffee, Joseph G., Hackensack, N. J., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Modulation system for ultra-short waves. 2,129,820; Sept. 13.
Chamberlain, Alfred J., Wauwatosa, Wis. Dispensing container. 2,129,819; Sept. 13.
Chambless, Ersyl F. (See Fay, Joseph W., assignor.)
Charman, Walter M., Cleveland Heights, Ohio. Bottom ring for hot tops. 2,129,821; Sept. 13.
Cherry, Frank W. (See Urbain, L. F., and Cherry.)
Cherry-Burrell Corporation. (See Adams, Harry B., assignor.)
Christiansen, Walter G., Glen Ridge, N. J., and E. Moness, Brooklyn, assignors to E. R. Squibb & Sons, New York, N. Y. Phenyl sulphides. 2,129,674; Sept. 13.
Christianson, Andrew, Hammond, Ind., and Otto Jabelmann, Omaha, Nebr. Car truck. 2,129,910; Sept. 13.
Christianson, Andrew, Hammond, and O. Jabelmann, Omaha, Nebr. Car truck. 2,129,911; Sept. 13.
Christmann, Friedrich. (See Pier, M., and Christmann.)
Christophersen, Hagbarth S., Odense, Denmark. Collar button with detachable head. 2,130,263; Sept. 13.
Chrysler Corporation. (See Dunn, William T., assignor.)
Chrysler Corporation. (See Fromm, Harry E., assignor.)
Chrysler Corporation. (See Lee, Roger K., assignor.)
Chrysler Corporation. (See Neracher, C. A., and Iavelli, assignors.)
Chrysler Corporation. (See Syrovy, Augustin J., assignor.)
Chrysler Corporation. (See Tyken, John G., assignor.)
Chrysler Corporation. (See Wheat, Thomas E. M., assignor.)
Cimorosi, Alberto, Elkton, Md. Fireworks. 2,130,068; Sept. 13.
Claassen, Anthony F. P. J. (See de Lange, C., and Claassen.)
Clark, Frank M., Pittsfield, Mass., and J. H. Koenig, Columbus, Ohio, assignor to General Electric Company. Plastic composition of rubber and chlorinated diphenyl. 2,130,264; Sept. 13.
Clarke, Arthur, assignor to Gimson & Co. (Leicester), Limited, Leicester, England. Machine for applying closures to or removing them from bottles and other containers. 2,130,317; Sept. 13.
Clarke, Henry R., Chattanooga, Tenn. Product for improving the quality of cast iron and for the manufacture of ferromanganese. 2,130,228; Sept. 13.
Claus, William H., Downers Grove, Ill., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for controlling highway crossing signals. 2,129,822; Sept. 13.
Clinton, Harry D., Johnson City, N. Y. Twister spool. 2,130,265; Sept. 13.
Close, James A., Dubois, and S. R. Collins, Clearfield, Pa. Printing mechanism. 2,130,229; Sept. 13.
Cohen, George G., Seattle, Wash. Mechanically operated magazine pencil. 2,130,230; Sept. 13.
Cohn, Samuel, assignor to Samcoe Holding Corporation, New York, N. Y. Fabric feeding system. 2,130,118; Sept. 13.
Cole, Samuel F., Washington, D. C. Syringe. 2,129,675; Sept. 13.
Collins, Sidney R. (See Close, J. A., and Collins.)
Conklin, Frederick R. (See Gordon, J. J., and Conklin.)
Conner, Hugh B., and A. Olson, Osage, Iowa. Foot feed attachment for sewing machines. 2,130,266; Sept. 13.
Consolidated Gas Electric Light and Power Company of Baltimore. (See Betz, P. L., and Karrer, assignors.)
Continental Gummi-Werke A.-G. (See Loges, Adolf, assignor.)
Cook Electric Company. (See Baker, John S., assignor.)
Coprox Inc. (See Lazarus, Meyer, assignor.)
Corn Products Refining Company. (See Miner, Carl S., assignor.)
Corn Products Refining Company. (See Newkirk, William B., assignor.)
Corn Products Refining Company. (See Schildberger, Adolf A., assignor.)
Cosmetic Research, Inc. (See Goodman, Herman, assignor.)
Cottrell, C. B., & Sons Company. (See Luehrs, Hans J., assignor.)
Co Van, Harry E., and G. A. Bole, assignors to Standard Pyrometric Cone Company, Columbus, Ohio. Pyrometric cone. 2,129,912; Sept. 13.
Cowan, Frank A., New York, N. Y., assignor to American Telephone and Telegraph Company. Distortion indicating and measuring device. 2,129,823; Sept. 13.
Cowen, Milam A., Gladewater, assignor of one-fourth to E. Rasnek, Kilgore, Tex. Paraffin scraper. 2,130,267; Sept. 13.
Cowles, Laurence G. (See Wolf, A., Cowles, and Richardson.)
Crabb, Donald E. (See Atwood, J. T., and Crabb.)
Craddock, Nicholas J., Westerly, R. I. Drop-side crib attachment. 2,130,268; Sept. 13.
Craig, B. P., et al. (See Presby, Harry A., assignor.)
Creehan, Edward P., U. S. Navy. Radiant energy projector. 2,129,676; Sept. 13.
Criley, William W., Cleveland, Ohio. Forging roll adjusting means. 2,130,069; Sept. 13.
Cross Brothers Company. (See Goodenough, Russell E., assignor.)
Cross, Roy and W. M., Jr., assignors to Kansas City Testing Laboratory, Kansas City, Mo. Drilling wells. 2,129,913; Sept. 13.
Cross, Thomas, Jr. (See Fulton, S. C., and Cross.)
Cross, Thomas, Jr., and S. C. Fulton, Elizabeth, N. J., assignors to Standard Oil Development Company. Production of liquid hydrocarbons from gaseous olefines. 2,129,649; Sept. 13.
Cross, Walter M., Jr. (See Cross, Roy and W. M., Jr.)
Crouse-Hinds Company. (See Bissell, Carl H., assignor.)
Crowley, Clyde A., and G. H. Goodyear, assignors to The Huey Company, Chicago, Ill. Light sensitive paper and treating same. 2,130,070; Sept. 13.
Crowley, Clyde A., and G. H. Goodyear, assignors to The Huey Company, Chicago, Ill. Light sensitive paper and treating same. 2,130,071; Sept. 13.
Crum, Hollis B. (See Harrison, J. F., and Crum.)
Crumrine, Chester W., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,129,650; Sept. 13.
Cruzan, Charles C., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Wire forming machine and method. 2,130,318; Sept. 13.
Cunningham, Lyman E., Cleveland, Ohio. Sign structure. 2,129,651; Sept. 13.
Curd, Francis H. S., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of new azine dyestuffs. 2,129,677; Sept. 13.
Curd, Francis H. S., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Azine dyestuffs. 2,129,678; Sept. 13.
Curtis Publishing Company, The. (See Blaetz, Harry M., assignor.)
Dallas, William J. (See Bennett, G. G., and Dallas.)
Davis, Charles, Piedmont, W. Va., assignor to West Virginia Pulp and Paper Company, New York, N. Y. Method and apparatus for winding paper. 2,130,332; Sept. 13.
Davis, Lewis N., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Locking device for electrical plug and socket arrangement. 2,129,914; Sept. 13.
Dean, George O., Plainview, Tex. Power unit. 2,129,652; Sept. 13.
De Cesaris, Frederick, Cranston, R. I. Pencil leg construction for compasses. 2,130,072; Sept. 13.
Decker, Alonzo G. (See Whitney, K. E., and Decker.)
De Fremery, Frank, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Telephony. 2,129,990; Sept. 13.
Delnet, Joseph, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. 1-acidylamino-2-methyl-4-aminoanthraquinones. 2,129,991; Sept. 13.

Deinet, Joseph, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraquinonoyl aminoanthraquinones. 2,129,993; Sept. 13.

De Kramolin, Leon L., Berlin-Wilmersdorf, Germany. Space discharge device. 2,129,730; Sept. 13.

De Lange, Cornelis, and A. F. P. J. Claassen, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrolytic condenser. 2,130,073; Sept. 13.

Delfox, James G., Flushing, assignor to Poor & Company, New York, N. Y. Rail supporting and retaining means. 2,130,074; Sept. 13.

De Mattia, Anthony, Solvay, N. Y. Centrifugal separator. 2,129,992; Sept. 13.

Dennedy, James H., assignor to Sunbeam Electric Manufacturing Company, Evansville, Ind. Cooling unit. 2,130,331; Sept. 13.

Dennison, Edward S., New London, assignor to Electric Boat Company, Groton, Conn. Exhaust valve means. 2,130,075; Sept. 13.

De Niro, Frank J., Erie, Pa. Engine starter. 2,129,653; Sept. 13.

Dennis, Anna, Hopkins, Minn. Decorative bag. 2,129,654; Sept. 13.

De Seversky, Alexander P., Asharoken Beach, Northport, N. Y., assignor to Seversky Aircraft Corporation. Aircraft structure. 2,129,824; Sept. 13.

Deutsche Gold-und Silber Scheideanstalt, vormals Roessler. (See Nagel, K., and Scheffer, assignors.)

Deutsche Luftfahrt-und Handels-Aktiengesellschaft. (See Boykow, Johann M.)

Devlin, Samuel B., New York, and J. Hulsmann, Rocky Point, N. Y. Article and making same. 2,129,731; Sept. 13.

De Voe, George E. (See Geske, C. W., and De Voe.)

De Witt, William P., Auburndale, Mass. Pencil. 2,129,655; Sept. 13.

Dews, Joseph W., Waterbury, Conn., assignor to Scovill Manufacturing Company. Laundryproof resilient socket. 2,129,825; Sept. 13.

Dickie, William A., F. C. Hale, and W. Howarth, Spondon, near Derby, England, assignors to Celanese Corporation of America. Automatic weft-replenishing loom. 2,129,994; Sept. 13.

Dietert, Harry W., Detroit, Mich. Hardness testing instrument. 2,130,269; Sept. 13.

Dietzgen, Eugene, Company. (See Langsner, Adolph, assignor.)

Dintilhac, Jean G., Paris, France. Fire protecting device for air cooled engines. 2,129,826; Sept. 13.

Dispenza, Rosekein G., Ashtabula, Ohio. Goggles. 2,130,270; Sept. 13.

Doak, John H., Portland, Oreg. Manufacturing hollow rubber articles. 2,130,177; Sept. 13.

Doege, Reuben G. (See Rasmussen, John A., assignor.)

Dominiak, Joseph, Chicago, Ill. Circular saw vise. 2,130,076; Sept. 13.

Donaldson Company. (See Lowther, Wilfred W., assignor.)

Donovan, Patrick L., Peoria, Ill. Harrow. 2,129,827; Sept. 13.

Dorgelo, Eduard G., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Energizing system for discharge tubes. 2,130,077; Sept. 13.

Doss, George G. (See Kauffman, S., and Doss.)

Dougherty, Gerald A., assignor to Shuler Axle Company, Inc., Louisville, Ky. Axle spring pad. 2,129,656; Sept. 13.

Douglas Aircraft Company. (See Davis, Lewis N., assignor.)

Dow Chemical Company, The. (See Britton, Edgar C., assignor.)

Dow Chemical Company, The. (See Britton, E. C., Nutting, and Huscher, assignors.)

Dragon, Paul, San Francisco, Calif. Nut shelling machine. 2,129,679; Sept. 13.

Draper Corporation. (See Brown, Carl D., assignor.)

Draper, Hollis O., Nashville, Tenn. Necktie attachment. 2,129,657; Sept. 13.

Drehschmidt, Heinrich, Essen-on-the-Ruhr, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Coking retort oven. 2,129,658; Sept. 13.

Drews, Gustav. (See Hansen, James, assignor.)

Dreyfus, Henry, London, England. Saponification of organic esters of cellulose. 2,129,995; Sept. 13.

Drissner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Positive acting circular chaser die. 2,130,119; Sept. 13.

Drucker, Frederick. (See Drucker, William J., assignor.)

Drucker, William J., assignor to F. Drucker, Richmond Hill, N. Y. Refrigerator display case. 2,129,996; Sept. 13.

Dudley, Edward F. (See Stevens, B. D., Dudley, and Verrinder.)

Duerr, Edgar, Anglesey, Wales. Stockless anchor. 2,130,120; Sept. 13.

Dunleavy, John J., Scranton, Pa. Automatic self-centering guide eye. 2,130,121; Sept. 13.

Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Pump. 2,129,828; Sept. 13.

Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Combined motor and transmission mounting. 2,129,829; Sept. 13.

Dunning Lueckel Engineering Company. (See Lueckel, William J., assignor.)

Du Pont, Doraine, New York, N. Y. Kit for personal wear. 2,129,915; Sept. 13.

Du Pont, E. I., de Nemours & Company. (See Barrett, Harold J., assignor.)

Du Pont, E. I., de Nemours & Company. (See Barrett, H. J., and Strain.)

Du Pont, E. I., de Nemours & Company. (See Deinet, Joseph, assignor.)

Du Pont, E. I., de Nemours & Company. (See Graves, George D., assignor.)

Du Pont, E. I., de Nemours & Company. (See Hetherington, Harry C., assignor.)

Du Pont, E. I., de Nemours & Company. (See Izard, Emmette F., assignor.)

Du Pont, E. I., de Nemours & Company. (See Parker, H. H., and Standley, assignors.)

Du Pont, E. I., de Nemours & Company. (See Rintelman, William L., assignor.)

Du Pont, E. I., de Nemours & Company. (See Schreiber, Richard S., assignor.)

Du Pont, E. I., de Nemours & Company. (See Watkins, William W., assignor.)

Du Pont, E. I., de Nemours & Company. (See Woodhouse, John C., assignor.)

Du Pont, E. I., de Nemours & Company. (See Young, James H., assignor.)

Durant, Albert A., Honolulu, Hawaii. Centering device. 2,129,680; Sept. 13.

Durocher, Grace D., assignor to Forest City Manufacturing Company, St. Louis, Mo. Wrap-around dress. 2,129,830; Sept. 13.

Dybvig, Henry G., assignor to H. W. Moore, Dayton, Ohio. Balancing machine. 2,130,122; Sept. 13.

Dysart, Arthur S., Farmington, Conn. Eraser holder. 2,129,831; Sept. 13.

Eagle-Picher Lead Company, The. (See Kershaw, John C., assignor.)

Eagle-Picher Lead Company, The. (See Schaeffer, J. A., and Harner, assignors.)

Easling, Newton P., Pekin, Ill. Insectproof paper. 2,129,659; Sept. 13.

Eastham, Ward, Argillite, Ky. Artificial foot. 2,130,271; Sept. 13.

Eastman Kodak Company. (See Gordon, J. J., and Conklin, assignors.)

Ebert, Edward, Brooklyn, N. Y. Game. 2,130,123; Sept. 13.

Eckrich, Henry C. and H. J., Sr., assignors to Peter Eckrich & Sons, Inc., Kalamazoo, Mich. Meat package. 2,129,832; Sept. 13.

Eckrich, Herman J., Sr. (See Eckrich, Henry C. and H. J., Sr.)

Eckrich, Peter, & Sons, Inc. (See Eckrich, Henry C. and H. J., Sr., assignors.)

Economy Forms Corporation. (See Jennings, William A., assignor.)

Economy Oil Filter Company. (See Nooney, John R., assignor.)

Edwards, David F. (See Wells, A. A., and Edwards.)

Edwards, O. M., Company Inc., The. (See Edwards, Oliver M., assignor.)

Edwards, Oliver M., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y. Window and sash construction. 2,130,297; Sept. 13.

Eisenman, Louis, Brooklyn, N. Y. Eyelash curler. 2,129,755; Sept. 13.

Elder, John A., Boston, Mass. Radio apparatus. 2,129,756; Sept. 13.

Electric Boat Company. (See Dennison, Edward S., assignor.)

Electric Service Supplies Company. (See Henderson, Samuel J., assignor.)

Electric Service Supplies Company. (See Lewis, Harry G., assignor.)

Electro String Instrument Corporation. (See Beauchamp, George D., assignor.)

Elmendorf, Armin, Winnetka, Ill. Composite roof panel or shingle. 2,130,178; Sept. 13.

Emby Photo and Film Machine Corp. (See Burlin, Moritz, assignor.)

Enfield, Harold, assignor, by mesne assignments, to R. E. Manley, York, Pa. Cigar bunching machine. 2,129,997; Sept. 13.

Erickson, Erhart, Minneapolis, Minn. Fishline drying reel. 2,129,916; Sept. 13.

Ernst, Walter, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Pump or motor. 2,130,298; Sept. 13.

Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del. Radial pump. 2,130,299; Sept. 13.

Espinosa, Harry, North Bergen, N. J. Brake equalizer. 2,130,179; Sept. 13.

Evans, Charles E., assignor of one-fourth to L. G. Howard, Council Bluffs, Iowa. Vacuum indicating device. 2,130,180; Sept. 13.

Evans, Eugene M., assignor of ten per cent to E. J. Tietjen, Jefferson City, Mo. Water ejector. 2,130,300; Sept. 13.

Evans Products Company. (See Lintern, William, assignor.)

Evans, Theodore, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Stabilized compositions comprising aliphatic ethers. 2,130,078; Sept. 13.

Evans, Theodore, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Inhibition of peroxide formation in aliphatic symmetrical isoethers. 2,130,079; Sept. 13.

Evans, Theodore, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Inhibition of peroxide formation in aliphatic ethers. 2,130,080; Sept. 13.

Everhart, E. B., et al. (See Everhart, Gillock, assignor.)

Everhart, George W., et al. (See Everhart, Gillock, assignor.)

Everhart, Gillock, assignor of one-third to G. W. Everhart, Lawrence, Kans., and one-third to E. B. Everhart, Kansas City, Mo. Automatic cable-release lock for cameras. 2,129,998; Sept. 13.

Ewing, Wylie B., Wheeling, W. Va., assignor, by mesne assignments, to Vulcan Rail and Construction Company, Maspeth, N. Y. Post supporting structure and manufacture thereof. 2,129,999; Sept. 13.

Fairbanks, Morse & Co. (See Frankel, Mortimer, assignor.)

Fairweather, David A. W., Grangemouth, Scotland, assignor to Imperial Chemical Industries Limited. Manufacture of bromonaphthoic acid. 2,129,917; Sept. 13.

Falk Corporation, The. (See Brown, Ralph W., assignor.)

Fall, Harold N., Toledo, Ohio. Fluid distributing system and apparatus. 2,129,918; Sept. 13.

Faultless Caster Corporation. (See Noelting, William H., assignor.)

Fay, Edgar E., New York, N. Y. Supporting rack. 2,130,000; Sept. 13.

Fay, Joseph W., Villa Park, assignor of one-half to E. F. Chambless, Chicago, Ill. Cork stopper. 2,130,081; Sept. 13.

Fells Company Incorporated, The. (See Westervelt, C., Storm, and Kaufmann, assignors.)

Fellows Gear Shaper Company. (See Miller, Edward W., assignor.)

Ferguson, Otto. (See Loney, N. M., Van Berg, and Ferguson.)

Ferris, Seymour W., Alden, assignor to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil treatment. 2,130,126; Sept. 13.

Ferry, Joseph D., Harrisburg, Pa. Food impelling mechanism. 2,130,082; Sept. 13.

File, Howard, assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Solid starch and preparing the same. 2,129,919; Sept. 13.

Firestone Steel Products Company, The. (See Monahan, Thomas G., assignor.)

Firestone Steel Products Company, The. (See Olcott, L. E., Soper, Gasche, and Runals, assignors.)

Firestone Steel Products Company, The. (See Van Halteren, Andrew S., assignor.)

Fischer, Charles, New York, N. Y. Goggles. 2,130,127; Sept. 13.

Fitts, George M., Washington, D. C. Flexible spacer for valve mechanism. 2,130,001; Sept. 13.

Fitz Gerald, Alan S., Wynnewood, Pa. Electric control system. 2,129,920; Sept. 13.

Floyd-Wells Company, The. (See Schneider, Frank H., assignor.)

Fogelberg, Herbert I., St. Paul, Minn. Glass block closure. 2,129,921; Sept. 13.

Food Machinery Corporation. (See Johnson, Joe E., assignor.)

Food Machinery Corporation. (See Jones, Lloyd E., assignor.)

Food Machinery Corporation. (See Twomley, Herbert E., assignor.)

Forciea, Ernest A., Minneapolis, Minn. Log cabin structure. 2,130,231; Sept. 13.

Ford, Warren A., Schenectady, N. Y., assignor to General Electric Company. Piezoelectric crystal oscillator. 2,130,272; Sept. 13.

Forest City Manufacturing Company. (See Durocher, Grace D., assignor.)

Fouques, Raoul, and J. Lenfant, Paris, France. Commutator brush control. 2,129,757; Sept. 13.

Four Wheel Drive Auto Company. (See Simonds, George D., assignor.)

Fradette, Donald F., Cleveland, Ohio. Roof. 2,129,833; Sept. 13.

Franchetti, James P., Santa Rosa, Calif. Interchangeable facing. 2,129,922; Sept. 13.

Frankel, Mortimer, Indianapolis, Ind., assignor to Fairbanks, Morse & Co., Chicago, Ill. Refrigerator cabinet. 2,129,923; Sept. 13.

Franwick, Edmond J., assignor to Hanau Engineering Company, Inc., Buffalo, N. Y. Dental articulator. 2,130,083; Sept. 13.

French & Hecht, Incorporated. (See Beckman, R. H., and Ploehn, assignors.)

Frey, Sigmund, Los Angeles, Calif. Gate apparatus for surface irrigation pipes. 2,129,758; Sept. 13.

Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron generator. 2,130,002; Sept. 13.

Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose, Telegraphie, m. b. H., Berlin, Germany. Electron discharge device. 2,130,124; Sept. 13.

Fromm, Harry E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Boat propelling apparatus. 2,130,125; Sept. 13.

Fuglie, Elmer, and O. Oelkers, Mazeppa, Minn. Crankshaft grinder. 2,130,003; Sept. 13.

Fulk, Murl E. (See Shattuck, O. M., and Fulk.)

Fulton, Stephen M. (See Kimpton, W. H., and Fulton.)

Fulton, Stewart C. (See Cross, T., Jr., and Fulton.)

Fulton, Stewart C., and T. Cross, Jr., Elizabeth, N. J., assignors to Standard Oil Development Company. Production of liquid hydrocarbons from gaseous olefines. 2,129,732; Sept. 13.

Fulton, Stewart C., and T. Cross, Jr., Elizabeth, N. J., assignors to Standard Oil Development Company. Production of liquid hydrocarbons from gaseous olefines. 2,129,733; Sept. 13.

Funk, Alfred, Cincinnati, Ohio. Spelling board. 2,129,834; Sept. 13.

Fusetti, Jack, and J. Tamea, West Hazelton, Pa. Fifth wheel brake. 2,130,004; Sept. 13.

Galbraith, Arch H., Pittsburgh, Pa. Underground tank system. 2,129,924; Sept. 13.

Gale, William A. (See Burke, W. E., Allen, Peet, Ritchie, and Gale.)

Galson, Henry L., Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Air conditioning apparatus. 2,130,327; Sept. 13.

Galvin Manufacturing Corporation. (See Mitchell, Donald H., assignor.)

Gardner, Henry A., Washington, D. C., assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Paint composition. 2,129,925; Sept. 13.

Gasche, Karl W. (See Olcott, L. E., Soper, Gasche, and Runals.)

Gay, Harry S., Mount Gay, W. Va. Bag filling machine. 2,130,005; Sept. 13.

Gearhart, Roy E. (See Carnes, R. M., and Gearhart.)

Geibig, Frank C., Westfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Blowpipe nozzle. 2,129,681; Sept. 13.

General Aniline Works, Inc. (See Kranzlein, G., Greune, and Langbein, assignors.)

General Aniline Works, Inc. (See Roos, Hans, assignor.)

General Electric Company. (See Clark, F. M., and Koenig, assignors.)

General Electric Company. (See Ford, Warren A., assignor.)

General Electric Company. (See Knight, James L., assignor.)

General Electric Company. (See Lemmers, Eugene, assignor.)

General Electric Company. (See Reed, George M., assignor.)

General Motors Corporation. (See Brill, William E., assignor.)

General Motors Corporation. (See Hornaday, James R., assignor.)

General Motors Corporation. (See Hull, Harry B., assignor.)

General Motors Corporation. (See Kettering, Charles F., assignor.)

General Motors Corporation. (See Loney, Neil M., assignor.)

General Motors Corporation. (See Loney, N. M., Van Berg, and Ferguson, assignors.)

General Motors Corporation. (See Olley, Maurice, assignor.)

General Motors Corporation. (See Pearce, George C., assignor.)

General Motors Corporation. (See Rabezzana, Hector, assignor.)

Gerlach, John C., Tomah, Wis. Hold-down for spring rail frogs. 2,129,734; Sept. 13.

Geske, Carl W., and G. E. DeVoe, Grand Rapids, assignors to Winters & Crampton Corporation, Grandville, Mich. Refrigerator latch. 2,129,926; Sept. 13.

Gimson & Co. (Leicester) Limited. (See Clarke, Arthur, assignor.)

Girdler Corporation, The. (See Bottoms, Robert R., assignor.)

Gladstone, Matthew, Brooklyn, N. Y. Display stand for collars. 2,129,927; Sept. 13.

Glinsmann, Walter F., Jersey City, N. J., assignor to American Cyanamid Company, New York, N. Y. Coloring coal. 2,129,901; Sept. 13.

Glose, Raymond P., Allentown, Pa. Coupler for lubricators. 2,129,682; Sept. 13.

Goldman, Isaac E., Des Moines, Iowa. Film viewing device. 2,129,759; Sept. 13.

Goldsmith, Chester L., and B. F. Wood, Winchester, N. H. Bandit or burglar trap. 2,130,301; Sept. 13.

Gontermann, Hans, and F. Kühn, Siegen, Germany. Manufacturing compound rolls. 2,129,683; Sept. 13.

Goodenough, Russell E., assignor to Cross Brothers Company, Incorporated, Northfield, Vt. Dust-collecting attachment. 2,130,232; Sept. 13.

Goodman, Herman, assignor to Cosmetic Research, Inc., New York, N. Y. Cosmetic cream base. 2,129,836; Sept. 13.

Goodman Manufacturing Company. (See Bergmann, Ernst R., assignor.)

Goodyear, George H. (See Crowley, C. A., and Goodyear.)

Gordon, Jack J., and F. R. Conklin, Kingsport, Tenn., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Process and apparatus for removing water from aqueous aliphatic acids. 2,129,684; Sept. 13.

Gort, Godfrey, assignor to Western Railroad Supply Company, Chicago, Ill. Parkway cable outlet. 2,129,837; Sept. 13.

Gotham Pressed Steel Corporation, The. (See Anderson, Charles A., assignor.)

Granberg, Albert J. Berkeley, assignor to Granberg Equipment Incorporated, Oakland, Calif. Positive pressure rotary pump. 2,129,928; Sept. 13.

Granberg Equipment Incorporated. (See Granberg, Albert J., assignor.)

Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of methacrylic acid. 2,129,685; Sept. 13.

Gray, Robert L., Brooklyn, N. Y. Forming window envelopes or the like. 2,129,686; Sept. 13.

Green, Joseph W. (See Loose, K. D., Watkins, and Green.)

Greenawalt, William E., Denver, Colo. Metallurgical process. 2,129,760; Sept. 13.

Greenfield Tap and Die Corporation. (See Kuhn, Karl A., assignor.)

Greenman, Maurice, Buffalo, N. Y. Match packet. 2,130,273; Sept. 13.

Greenwood, Henry B., assignor to F. X. Hooper Company, Inc., Glenarm, Md. Roll lift stand. 2,130,233; Sept. 13.

Greune, Heinrich. (See Kranzlein, G., Greune, and Langbein.)

Griesinger, William K., Lansdowne, assignor to The Atlantic Refining Company, Philadelphia, Pa. Buffing compound. 2,130,128; Sept. 13.

Griffin, James H. (See Waldron, F. B., and Griffin.)

Groll, Herbert P. A., and G. Hearne, Berkeley, and J. Burgin and D. S. La France, Oakland, Calif., assignors to Shell Development Company. Halo-substitution of unsaturated organic compounds. 2,130,084; Sept. 13.

Gundlach, Rudolph, Warsaw, Poland. Periscope for armoured vehicles. 2,130,006; Sept. 13.

Gurwick, Irving, assignor to Shellmar Products Company, Mount Vernon, Ohio. Lamination. 2,129,929; Sept. 13.

Haas, Rudolf, Berlin-Zehlendorf, assignor to Zellstoffabrik Waldhof, Mannheim, Germany. Process and apparatus for the longitudinal creping of webs of paper or other sheet material. 2,130,007; Sept. 13.

Haglund, Gustaf, Storangen, at Stockholm, Sweden. Flowerpot. 2,130,234; Sept. 13.

Hale, Frank C. (See Dickie, W. A., Hale, and Howarth.)

Hale, Frank C., and J. R. Yorke, Spondon, near Derby, England, assignors to Celanese Corporation of America. Electrical stop mechanism for circular looms. 2,129,736; Sept. 13.

Hammer, Samuel, assignor to United Metal Box Co., Inc., Brooklyn, N. Y. Venetian blind slat. 2,130,319; Sept. 13.

Hammer, Samuel, assignor to United Metal Box Co., Inc., Brooklyn, N. Y. Venetian blind tape. 2,130,320; Sept. 13.

Hanau Engineering Company. (See Franwick, Edmond J., assignor.)

Hans, Edmund E., Detroit, Mich. Injecting a plurality of motor fuels into internal combustion engines. 2,129,930; Sept. 13.

Hansen, James, Flushing, assignor of one-half to G. Drews, Brooklyn, N. Y. Collapsible tube closure and making the same. 2,129,687; Sept. 13.

Hansen, Waldemar C. (See Barsky, G., and Hansen.)

Harkins, Henry H., River Edge, N. J., assignor to United States Rubber Products, Inc., New York, N. Y. Production of chemically resistant rubber coatings. 2,130,008; Sept. 13.

Harks, Walter M., Springfield, Mass. Oil supply fitting. 2,130,085; Sept. 13.

Harner, Harold R. (See Schaeffer, John A., and Harner.)

Harold, Joyce A. Brewton, Ala. Bottle wrapper and wiper. 2,129,761; Sept. 13.

Harrah, Clayton C., assignor to National Standard Company, Niles, Mich. Automobile panel. 2,129,838; Sept. 13.

Harrison, John F., and H. B. Crum, Marion, Ohio. Road working device. 2,130,274; Sept. 18.

Harrison, Laurence S., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Recorder. 2,129,762; Sept. 13.

Hart, Harold W., Los Angeles, Calif. Gas heater. 2,130,086; Sept. 13.

Hart, Peter F., assignor of twenty per cent to M. Tellor, Hibbing, Minn. Regulator adjusting mechanism. 2,129,763; Sept. 13.

Hartmann Trunk Company. (See Bracken, Wallace H., assignor.)

Hasbrouck, Frank F., Peoria, assignor to Allied Mills, Inc., Chicago, Ill. Producing soy bean flakes. 2,130,087; Sept. 13.

Haslam, Robert T., Westfield, N. J., assignor to Standard-I. G. Company. Hydroformed solvent composition. 2,129,735; Sept. 13.

Hawkeye Pearl Button Company. (See Pulse, Lysle J. assignor.)

Hayes, Maxwell F., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Record sensing device. 2,129,764; Sept. 13.

Hazelip, Harry W., Baltimore, Md. Lubricant injecting tool. 2,130,009; Sept. 13.

Hazeltine Corporation. (See Barber, Alfred W., assignor.)

Hazeltine Corporation. (See Lewis, Harold M., assignor.)

Hearne, George. (See Groll, H. P. A., Harne, Burgin, and La France.)

Heebner, Lawrence, Reading, Pa. Condiment holder. 2,130,275; Sept. 13.

Heid, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,129,931; Sept. 13.

Heller, Harold S., assignor to The J. C. Ulmer Company, Cleveland, Ohio. Stapling apparatus. 2,130,129; Sept. 13.

Henderson, Charles R. (See Lochhead, Elmer C., assignor.)

Henderson, Douglas, Toronto, Ontario, Canada. Container. 2,129,830; Sept. 13.

Henderson, Samuel J., assignor to Electric Service Supplies Company, Philadelphia, Pa. Cabinet door latch. 2,130,302; Sept. 13.

Hendrix, Andrew T., Knoxville, Tenn. Vibrated conveyer feeder. 2,129,688; Sept. 13.

Henning, Georg, Chem. pharm. Werk G. m. b. H. (See Bredereck, Hellmut, assignor.)

Henrietta, George H., Torrington, Conn. Register. 2,130,130; Sept. 13.

Hersinhod, Ilie, Berlin, Germany. Multicolor pencil. 2,130,011; Sept. 13.

Hessenbruch, Werner, Hanau-on-the-Main, Germany. Heat-resisting object containing iron and aluminum. 2,129,840; Sept. 13.

Hetherington, Harry C., Charleston, W. Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Urea manufacture. 2,129,689; Sept. 13.

Heyman, Irene K. (See Heyman, Moses D., assignor.)

Heyman, Moses D., assignor of one-half to I. K. Heyman, Hewlett, N. Y. Feeding mechanism. 2,130,235; Sept. 13.

Hill, Rowland, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. n-Propylmethacrylate. 2,129,690; Sept. 13.

Hillers, Carl E., assignor to Blue Ridge Slate Corporation, Charlottesville, Va. Colored silicate coating. 2,129,841; Sept. 13.

Hilliard, Thomas H., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Manufacture of artificial materials. 2,129,737; Sept. 13.

Hirschfeld, Clarence F., Detroit, Mich., assignor to Transit Research Corporation, New York, N. Y. Step construction. 2,130,131; Sept. 13.

Hodsdon, Floyd G., Milwaukee, Wis., assignor to International Harvester Company. Pulsator for milking machines. 2,129,765; Sept. 13.

Hoff, John G., assignor to The Tappan Stove Company, Mansfield, Ohio. Back guard assembly and lamp for ranges. 2,130,328; Sept. 13.

Hogg, William J., assignor to The National Acme Company, Cleveland, Ohio. Positive acting expanding pipe die. 2,130,181; Sept. 13.

Hogg, William J., assignor to The National Acme Company, Cleveland, Ohio. Double taper tap. 2,130,182; Sept. 13.

Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron. 2,130,132; Sept. 13.

Hollmann, Heinz, Dortmund, Germany. Dental or like drill. 2,129,843; Sept. 13.

Holt, Arthur, Great Crosby, England. Decorative mat, sign, or the like. 2,130,183; Sept. 13.

Holweg, Charles, assignor to Ateliers de Constructions Mecaniques C. & A. Holweg, Strasbourg, France. Process and apparatus for the production of flat bags. 2,129,842; Sept. 13.

Holtz, Abraham, assignor to Sadinoff & Wendroff, Inc., New York, N. Y. Knitting machine. 2,130,236; Sept. 13.

Holz, Henry V. (See Polta, S. J., and Holz.)

Holzwarth Gas Turbine Co. (See Holzwarth, Hans, assignor.)

Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Apparatus for regulating the duration of the fuel injection in explosion chambers. 2,129,691; Sept. 13.

Hooper, F. X., Company. (See Greenwood, Henry B., assignor.)

Hopkins, Christopher G., Nashville, Tenn. Straight lift pumping unit. 2,130,184; Sept. 13.

Hormel, Geo. A., & Company. (See Hormel, George A., assignor.)

Hormel, George A., Los Angeles, Calif., assignor to Geo. A. Hormel & Company, Austin, Minn. Defrosting meat. 2,130,237; Sept. 13.

Hornaday, James R., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,130,276; Sept. 13.

Hoskins, Travis J., Oakdale, Calif. Radio aerial for automobiles. 2,129,766; Sept. 13.

Hottinger, Edwin J., Dover, N. J. Fuse. 2,129,692; Sept. 13.

Houdry, Eugene J., Rosemont, Pa., assignor to Houdry Process Corporation, Dover, Del. Catalysis. 2,129,693; Sept. 13.

Houdry Process Corporation. (See Houdry, Eugene J., assignor.)

House, John Q., assignor to John H. Leonard, Cleveland, Ohio, trustee. Furnace control device. 2,130,133; Sept. 13.

Howard, George E., Butler, Pa. Speed regulator. 2,130,088; Sept. 13.

Howard, L. G. (See Evans, Charles E., assignor.)

Howarth, William. (See Dickie, W. A., Hale, and Howarth.)

Hucal, William, Chicago, Ill. Milling machine. 2,130,012; Sept. 13.

Huddleston, Julian, Los Angeles, Calif. Flexure means for cementitious structures. 2,129,932; Sept. 13.

Huebner, William C., New York, N. Y. Photomechanical printing apparatus. 2,129,767; Sept. 13.

Huebner, William C., New York, N. Y. Photographic printing apparatus. 2,129,768; Sept. 13.

Hueglin, Herman C., assignor to Airmaster Corporation, Chicago, Ill. Mounting for air circulator devices. 2,129,933; Sept. 13.

Huey Company, The. (See Crowley, C. A., and Goodyear, assignors.)

Hughes, Boland. (See Binz, A., and Hughes.)

Hughes, Charles H. (See Tiddy, W., Hughes, and Oliveros.)

Hughes, Henry, & Son Limited. (See Mackenzie, Edward B. D., assignor.)

Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,130,089; Sept. 13.

Hulsmann, John. (See Devlin, S. B., and Hulsmann.)

Humphries, Chad H., assignor to Sealkote Corporation, Chicago, Ill. Cellulose derivative coating composition. 2,130,238; Sept. 13.

Hunter, Harry G., Greensboro, N. C. Automatic electric traffic signal system. 2,130,013; Sept. 13.

Hunter, James H., Lansdowne, Pa., assignor to Radio Corporation of America. Phonograph record. 2,130,239; Sept. 13.

Huscher, Myron E. (See Britton, E. C., Nutting, and Huscher.)

Huss, Joseph F., assignor of one-half to B. K. Bialock, Charlotte, N. C. Theft alarm switch. 2,130,303; Sept. 13.

Hydraulic Coupling Patents Limited. (See Swan, James G., assignor.)

Hydraulic Press Corporation. (See Ernst, Walter, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Mauthe, G., and Noerr, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Schuette, H., Schoeller, and Wittwer, assignors.)

Iams, Harley A., Berkley Heights, N. J., assignor, by mesne assignments, to Radio Corporation of America. Oscillograph apparatus. 2,130,134; Sept. 13.

Iavelli, Teno. (See Nerpacher, C. A., and Iavelli.)

Idaho Maryland Mines Corporation. (See Newsom, John B., assignor.)

Imbelo, Robert H., assignor to Rex-Watson Corporation, Canastota, N. Y. Illuminated sign for vehicles. 2,130,090; Sept. 13.

Imperial Chemical Industries Limited. (See Curd, Francis H. S., assignor.)

Imperial Chemical Industries Limited. (See Fairweather, David A. W., assignor.)

Imperial Chemical Industries Limited. (See Hill, Rowland, assignor.)

Imperial Chemical Industries Limited. (See Irving, F., and Shaw, assignors.)

Industrial Associates, Inc. (See Riley, Champlain L., assignor.)

International Business Machines Corporation. (See Bryce, James W., assignor.)

International Business Machines Corporation. (See Crumrine, Chester W., assignor.)

International Business Machines Corporation. (See Harrison, Laurence S., assignor.)

International Business Machines Corporation. (See Hayes, Maxwell F., assignor.)

International Business Machines Corporation. (See Lake, Clair D., assignor.)

International Business Machines Corporation. (See Lemmon, Walter S., assignor.)

International Business Machines Corporation. (See Nichols, H. J., and Tholstrup, assignors.)

International Business Machines Corporation. (See Paris, Robert E., assignor.)

International Business Machines Corporation. (See Von Pein, Edward J., assignor.)

International Harvester Company. (See Acton, Russel E., assignor.)

International Harvester Company. (See Hodsdon, Floyd G., assignor.)

International Harvester Company. (See Roscoe, Merrill W., assignor.)

International Harvester Company. (See Smith, Hiram P., assignor.)

International Nickel Company. (See Wise, Edmund M., assignor.)

Iron Fireman Manufacturing Company. (See Sammons, Edward C., assignor.)

Irving, Francis, and C. Shaw, Grangemouth, Scotland, assignors to Imperial Chemical Industries Limited. Manufacture of a new anthraquinone vat dyestuff. 2,129,934; Sept. 13.

Izard, Emmette F., Elsmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of methacrylic acid. 2,129,694; Sept. 13.

Jabelmann, Otto. (See Christianson, A., and Jabelmann.)

Jackson, Thomas. (See Uphill, K. M., and Jackson, assignors.)

Jacobs, Rex C., Detroit, Mich. Deck lid prop. 2,130,185; Sept. 13.

Jacobs, Rex C., Detroit, Mich. Automobile hood prop. 2,130,186; Sept. 13.

Jaeger, Alphons O., Greentree, and H. J. West, Mount Lebanon, Pa., assignors to American Cyanamid & Chemical Corp., New York, N. Y. Production of phthalic esters from impure phthalic acid. 2,130,014; Sept. 13.

James, Henry D. (See Rugg, W. S., and James.)

Jandus, Herbert S., Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill. Brake lever. 2,130,187; Sept. 13.

Jennings, William A., assignor to Economy Forms Corporation, Des Moines, Iowa. Constructing upright concrete walls. 2,129,769; Sept. 13.

Jensen, Louis, assignor to United Autographic Register Co., Chicago, Ill. Feed mechanism for tabulating machines. 2,130,015; Sept. 13.

Johansson, Axel G. (See Pierre, A. B., Johansson, and Bergström.)

Johnsen, Bjornulf, Summit, N. J. Liquid dispensing. 2,129,770; Sept. 13.

Johnson, Gus H., McKeesport, Pa. Cycle sled. 2,129,935; Sept. 13.

Johnson, Joe E., Venice, assignor to Food Machinery Corporation, San Jose, Calif. Preparing fresh fruit for market. 2,129,936; Sept. 13.

Johnson, John A., Woodhaven, N. Y. Apparatus for making spool-enclosing shells. 2,129,771; Sept. 13.

Johnson, Roy W., Milwaukee, Wis. Oil control device. 2,129,937; Sept. 13.

Johnson, Roy W., Milwaukee, Wis. Valve. 2,129,938; Sept. 13.

Jones, Grace M. (See Swigart, Arthur L., assignor.)

Jones, Joel T., Jr., assignor of one-half to G. F. Reed, Chicago, Ill. Drawing instrument. 2,130,135; Sept. 13.

Jones, Lloyd E., Dunedin, Fla., assignor to Food Machinery Corporation, San Jose, Calif. Hand truck. 2,129,772; Sept. 13.

Journal Box Servicing Corporation. (See Bissell, William T., assignor.)

Juul, Soren H., Outlook, Mont. Propeller for aircraft. 2,129,939; Sept. 13.

Kansas City Testing Laboratory. (See Cross, Roy and W. M., Jr., assignors.)

Karnes, James C., Buffalo, N. Y. Clinometer. 2,129,695; Sept. 13.

Karolus, August, Leipzig, Germany, assignor to Radio Corporation of America. Picture transmission system. 2,129,738; Sept. 13.

Karrer, Sebastian. (See Betz, P. L., and Karrer.)

Kauffman, Saul, and G. G. Doss, Syracuse, N. Y. Marking apparatus. 2,130,188; Sept. 13.

Kaufmann, Arthur. (See Westervelt, C., Storm, and Kaufmann.)

Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Jacquard loom harness. 2,129,940; Sept. 13.

Kelch Heater Company. (See Caldwell, Stuart H., assignor.)

Kennedy, Donald S., Longnarish, England. Girdle for twin-tired wheels. 2,130,277; Sept. 13.

Kercher, Arthur J., Berkeley, Calif. Electrical switch. 2,129,773; Sept. 13.

Kershaw, John C., Joplin, Mo., assignor to The Eagle-Picher Lead Company, Cincinnati, Ohio. Manufacture of insulation material. 2,130,091; Sept. 13.

Kettering, Charles F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,130,092; Sept. 13.

Kettering, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,130,093; Sept. 13.

Keyes, Harmon E., Miami, Ariz. Leaching-precipitation-flotation process. 2,130,278; Sept. 13.

Kharasch, Morris S., Chicago, Ill., assignor to Eli Lilly and Company, Indianapolis, Ind. Stabilization of sulphur-containing compounds and systems. 2,130,321; Sept. 13.

Kharasch, Morris S., Chicago, Ill., assignor to Eli Lilly and Company, Indianapolis, Ind. Stabilization of hydroxy benzenoid compounds and tetravalent sulphur compounds against metal catalysts. 2,130,322; Sept. 13.

Kiefer, Edwin F., Cleveland, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Making bearing and gasket material. 2,129,844; Sept. 13.

Killin, George W., Jr., West Huntington, W. Va. Fruit jar closure. 2,130,136; Sept. 13.

Kimpton, William H., and S. M. Fulton, Spondon, near Derby, England, assignors to Celanese Corporation of America. Yarn winding machine. 2,129,739; Sept. 13.

King, John H., and R. R. Wotring, Indianapolis, Ind. Bumper mat. 2,129,941; Sept. 13.
King, Thomas M., Hinsdale, and L. Stastney, Cicero, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Electric welding machine. 2,129,845; Sept. 13.
Kippe, Otto, Osnabruck, assignor to Klöckner-Werke A.-G., Castrop-Rauxel, Germany. Producing magnesia and nitrogenous fertilizers from dolomite. 2,130,240; Sept. 13.
Klöckner-Werke A.-G. (See Kippe, Otto, assignor.)
Klotz, Alfred, Munich, Germany. Papain product and preparing same. 2,130,137; Sept. 13.
Knibbs, Norman V. S. (See Palfreeman, H., and Knibbs.)
Knight, James L., Erie, Pa., assignor to General Electric Company. Sliding shelf for refrigerator cabinets. 2,130,279; Sept. 13.
Kniss, Frank C., Eldorado, Ark. Perforating gun for oil wells. 2,130,138; Sept. 13.
Knochenhauer, Günther, Lidingo, assignor to Aktiebolaget Spontan, Stockholm, Sweden. Cooling system for internal combustion engines. 2,129,846; Sept. 13.
Knöchl, Leo, assignor to L. Schuler, A. G., Goppingen, Germany. Friction clutch. 2,130,139; Sept. 13.
Knodel, Adolf, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Winding roll film. 2,129,847; Sept. 13.
Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge tube. 2,130,280; Sept. 13.
Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge tube. 2,130,281; Sept. 13.
Knox, Harry A., Washington, D. C. Track for track-laying vehicles. 2,129,696; Sept. 13.
Koenig, John H. (See Clark, F. M., and Koenig.)
Koppers Company. (See Drehschmidt, Heinrich, assignor.)
Koppers Company. (See Schmalenbach, Adolf, assignor.)
Koza, Charles A., Rochester, N. Y. Spindle head. 2,130,094; Sept. 13.
Kränzlein, Georg, and H. Greune, Frankfort-on-the-Main, and G. Langbein, Hofheim in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the dioxazine series and preparing them. 2,130,016; Sept. 13.
Kritz, Frank, Detroit, Mich. Windshield wiper mechanism. 2,129,942; Sept. 13.
Krueger, Emil M., assignor to Badger Meter Manufacturing Company, Milwaukee, Wis. Disk meter. 2,129,943; Sept. 13.
Kühn, Ferdinand. (See Gontermann, H., and Kühn.)
Kuhn, Karl A., Greenfield, Mass., assignor to Greenfield Tap and Die Corporation. Interchangeable die collet. 2,129,848; Sept. 13.
Kühner, Otto, Goppingen, Germany. Draw press. 2,129,774; Sept. 13.
Ladewig, Archie E., Waukesha, Wis. Apparatus for dispensing liquid. 2,129,944; Sept. 13.
La France, Donald S. (See Groll, H. P. A., Hearne, Burgin, and La France.)
Laico, Joseph P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,129,849; Sept. 13.
Lake, Clair D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,129,775; Sept. 13.
Lake, Elsmore D., Oakland, Calif. Making color printing plates. 2,129,945; Sept. 13.
Lamb, Harold S., South Gate, Calif. Internal combustion engine. 2,129,946; Sept. 13.
Langbein, Gerhard. (See Kranzlein, G., Greune, and Langbein.)
Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Telescope. 2,130,095; Sept. 13.
Lanie, Leo, Manchester, Okla. Pneumatic tire. 2,130,096; Sept. 13.
Lanzetti, Lorenzo. (See Romati, C., and Lanzetti.)
Lapointe, Francis J., Ann Arbor, Mich. Surface broaching machine. 2,129,850; Sept. 13.
Larsen, Neil P., and H. J. Troche, assignors to American Coach & Body Company, Cleveland, Ohio. Vehicle braking system. 2,130,140; Sept. 13.
Lassiter, John R., Jr. (See Quinn, C. E., and Lassiter.)
Lawrence, Edward S., and G. G. McGlaughlin, Mount Lebanon, Pa. Lap joint for roofing and the like. 2,130,189; Sept. 13.
Lazarus, Meyer, assignor to Coprox Inc., Brooklyn, N. Y. Contacting terminal structure for electrical devices. 2,129,947; Sept. 13.
Leaderach, Charles, Peekskill, N. Y. Shirt finishing table. 2,130,282; Sept. 13.
Leather Designs Incorporated. (See Barrett, William H., assignor.)
Lederer, Ernest A., Glen Ridge, N. J., assignor, by mesne assignments, to Radio Corporation of America. Getter for vacuum tubes. 2,130,190; Sept. 13.
Lee, Roger K., assignor to Chrysler Corporation, Highland Park, Mich. Automobile control mechanism. 2,129,851; Sept. 13.
Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna for an airplane with a metallic body. 2,129,852; Sept. 13.
Lemmers, Eugene, Cleveland, Ohio, assignor to General Electric Company. Enclosed electric arc lamp. 2,130,304; Sept. 13.
Lemmon, Walter S., assignor to International Business Machines Corporation, New York, N. Y. Printing telegraph control mechanism. 2,129,948; Sept. 13.
Lenfant, Jacques. (See Fouques, R., and Lenfant.)
Leonard, John H., trustee. (See House, John Q., assignor.)
Levy, Oscar C., Baltimore, Md., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telegraph switching system. 2,129,741; Sept. 13.
Lewis, Harry G., assignor to Electric Service Supplies Company, Philadelphia, Pa. Handhold. 2,130,283; Sept. 13.
Lewis, Harold M., Douglaston, N. Y., assignor to Hazeltine Corporation. Wave signaling system. 2,129,740; Sept. 13.
Lewis, Joseph D., Santa Barbara, Calif. Sealing gasket. 2,130,017; Sept. 13.
Lewis, Sidney M., St. Joseph, Mo. Applicator. 2,130,305; Sept. 13.
Liber, Roy C. (See Berg, Carl, assignor.)
Liberty Can and Sign Company. (See Rueger, Herman W., assignor.)
Light, David M., Evanston, assignor to American Steel Foundries, Chicago, Ill. Spring plank. 2,130,141; Sept. 13.
Lilly, Eli, and Company. (See Kharasch, Morris S., assignor.)
Link-Belt Company. (See Bryant, Jerrus M., assignor.)
Lintern, William, Cleveland, Ohio, assignor to Evans Products Company, Detroit, Mich. Vehicle body ventilation apparatus. 2,130,306; Sept. 13.
Lochhead, Elmer C., assignor of one-half to C. R. Henderson, Moberly, Mo. Hosiery and making the same. 2,130,018; Sept. 13.
Loges, Adolf, assignor to Continental Gummi-Werke A.-G., Hanover, Germany. Conveyer belt. 2,129,853; Sept. 13.
Lombard, Herman G., Washington, D. C., assignor to A. E. Tinnerman, Cleveland, Ohio. Securing device. 2,129,949; Sept. 13.
Loney, Neil M., Huntington Woods, assignor to General Motors Corp., Detroit, Mich. Loading automobile bodies for shipment. 2,129,950; Sept. 13.
Loney, Neil M., Huntington Woods, W. E. Van Berg, and O. Ferguson, assignors to General Motors Corporation, Detroit, Mich. Roof container. 2,129,951; Sept. 13.
Loose, Kenneth D., Bronxville, N. Y., and C. W. Watkins and J. W. Green, Dayton, Ohio, assignors to Loose-Wiles Biscuit Company, Long Island City, N. Y. Dough lapping machine. 2,130,097; Sept. 13.
Loose-Wiles Biscuit Company. (See Loose, K. D., Watkins, and Green, assignors.)
Louisot, Félix, Hasbrouck Heights, N. J., assignor to W. M. Sheffield, New York, N. Y. Mold and making the same. 2,129,697; Sept. 13.
Lowther, Wilfred W., Minneapolis, assignor to Donaldson Company, Inc., St. Paul, Minn. Air cleaner. 2,130,142; Sept. 13.
Lueckel, William J., assignor to Dunning Lueckel Engineering Company, New York, N. Y. Conveyer system. 2,130,323; Sept. 13.
Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Intaglio printing press. 2,129,698; Sept. 13.
Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Intaglio printing press. 2,129,699; Sept. 13.
Lumasyne, Inc. (See Wilson, George R., assignor.)
Lustig, Walter R., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Adjustable seat. 2,129,952; Sept. 13.
Maag-Zahnrader und-Maschinen A.-G. (See Aeppli, Albert, assignor.)
MacAfee, Merrill W., Los Angeles, Calif. Solvent for use in treatment of ores. 2,129,700; Sept. 13.
Mack, Perry E., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Magneto assembly. 2,129,953; Sept. 13.
Mackenzie, Edward B. D., Portland, assignor to Henry Hughes & Son Limited, London, England. Electrochemical recorder. 2,129,776; Sept. 13.
MacKenzie, L. R., Incorporated. (See Barnes, Joe L., assignor.)
MacLaurin, James D., East Orange, N. J., assignor to Seaman Paper Company, Chicago, Ill. Coating paper. 2,130,241; Sept. 13.
Macwhyte Company. (See Siler, Robert W., assignor.)
Maddux, Duane C., Highland Park, Ill. Closure for collapsible tubes. 2,130,284; Sept. 13.
Mallory, George W. (See Pearson, Charles, assignor.)
Malocsay, Francis X., Upper Saddle River, N. J. Cigarette package. 2,129,701; Sept. 13.
Manley, Robert E. (See Enfield, Harold, assignor.)
Margolis, Morris. (See Biddle, John, assignor.)
Marqua, Edward C., Kansas City, Mo. Ceiling structure. 2,130,285; Sept. 13.
Martin, Charles. (See Bradshaw, Charles E., assignor.)
Martin, Harry C., F. A. Upper, and J. B. Aust, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Manufacturing coated abrasive articles. 2,129,954; Sept. 13.

Mason, Ronald T. G., Westcliff-on-Sea, assignor to British Marine Utilities Company Limited, Prittlewell, Southend-on-Sea, England. Lifesaving craft. 2,129,742; Sept. 13.
Mastney, Edward J. (See Allison, K. C., and Mastney.)
Mathews Conveyer Company. (See Sibley, Gerald J., assignor.)
Mathieson Alkali Works, Inc., The. (See Vincent, George P., assignor.)
Mauthe, Gustav, and H. Noerr, Leverkusen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of leather. 2,129,854; Sept. 13.
McClave, James M., Denver, Colo. Separating minerals, hydrocarbons, and the like from associated materials. 2,130,144; Sept. 13.
McEuen, Harry B., Jacksonville, Fla. Cathode filament control for X-ray tubes. 2,130,020; Sept. 13.
McGlaughlin, George G. (See Lawrence, E. S., and McGlaughlin.)
McGovern, Owen, Chicago, Ill. Hanger. 2,130,307; Sept. 13.
McGrath, Richard R., Jefferson, Iowa, assignor of one-half to W. G. and J. V. Pooley. Device for sterilizing barber's duster brush. 2,129,777; Sept. 13.
McGregor, Thomas A. (See Saunders, W. S., and McGregor.)
McIlvaine, Oran T., assignor to McIlvaine Patent Corporation, St. Charles, Ill. Relay. 2,129,855; Sept. 13.
McIlvaine Patent Corporation. (See McIlvaine, Oran T., assignor.)
McKee, Garnet W., Rockford, Ill. Pressure regulator. 2,129,856; Sept. 13.
McKee, Garnet W., Rockford, Ill. Centrifugal blower rotor. 2,130,145; Sept. 13.
McKee, Garnet W., Rockford, Ill. Centrifugal blower rotor. 2,130,146; Sept. 13.
Meier, Joshua, New Rochelle, N. Y. Box structure. 2,130,019; Sept. 13.
Meier, Wilber L., North Arlington, N. J., assignor, by mesne assignments, to Radio Corporation of America. Electron discharge device and circuit. 2,130,191; Sept. 13.
Merle, Joseph M., Tarentum, Pa. Making metal products. 2,129,702; Sept. 13.
Merle, Joseph M., Tarentum, Pa. Apparatus for producing metal products. 2,129,703; Sept. 13.
Messer, William E., Cheshire, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Vulcanization of rubber. 2,130,242; Sept. 13.
Metzger, Radley, New York, N. Y. Shoe hanger. 2,129,857; Sept. 13.
Meyer Coupling Company. (See Meyer, Edwin C., assignor.)
Meyer, Edwin C., Los Angeles, Calif., assignor to Meyer Coupling Company, Inc. Coupling with disconnecter. 2,129,704; Sept. 13.
Middleton, Howard A., Kansas City, Mo. Liquid cooling and transporting system. 2,129,778; Sept. 13.
Miehle Printing Press and Manufacturing Company. (See Stevens, B. D., Dudley, and Verrinder, assignors.)
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear generating machine. 2,129,858; Sept. 13.
Miller, Walter J., New York, N. Y. Linotype squirt guard. 2,130,308; Sept. 13.
Milmore, Oswald H., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Separating high molecular mixtures. 2,130,147; Sept. 13.
Miner, Carl S., Chicago, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Making fondant. 2,129,859; Sept. 13.
Mitchell, Donald H., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Radio receiving set. 2,130,243; Sept. 13.
Mitchell, Doren, Bound Brook, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Privacy system. 2,129,860; Sept. 13.
Monahan, Thomas G., Cuyahoga Falls, assignor to The Firestone Steel Products Company, Akron, Ohio. Making metal rings. 2,130,324; Sept. 13.
Moness, Eugene. (See Christiansen, W. G., and Moness.)
Moore, Harry W. (See Dybvig, Henry G., assignor.)
Mortensen, Cornelius, Louisville, Ky. Liquid treating and handling apparatus. 2,130,098; Sept. 13.
Morton, Charles D., Greenfield, Ind. Lock-pin construction for fixed bridgework. 2,129,861; Sept. 13.
Moto-Mower Co. (See Blydenburgh, Harold L., assignor.)
Mullins, Shelby S., Charlotte, N. C. Engraving block attachment for holding hollow ware. 2,130,286; Sept. 13.
Municipal Sanitary Service Corporation. (See Raisch, William, assignor.)
Muter Company, The. (See Rollefson, Karl E., assignor.)
Muter, Leslie F., Chicago, Ill. Electrical resistance unit. 2,130,148; Sept. 13.
N. V. Philips' Gloeilampenfabrieken. (See Bouwers, Albert, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See de Fremery, Frank, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See de Lange, C., and Claassen, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Dorgelo, Eduard G., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Visman, Jean, assignor.)
Naert, Valere M., Detroit, Mich. Concealed hinge for motor vehicle bodies. 2,129,862; Sept. 13.
Nagel, Kurt, and L. Scheffer, Mainz-Mombach, assignors to the firm of Deutsche Gold-und Silber Scheideanstalt, vormals Roessler, Frankfort-on-the-Main, Germany. Production of cellulose ester foils or sheets. 2,130,149; Sept. 13.
Nathansohn, Alexander, Berlin-Wilmersdorf, Germany. Treatment of textiles. 2,130,150; Sept. 13.
National Acme Company, The. (See Drissner, Alfred E., assignor.)
National Acme Company, The. (See Hogg, William J., assignor.)
National Standard Company. (See Harrah, Clayton C., assignor.)
Nein, William C. (See Sporn, P., Wolford, and Nein.)
Nelson, Martin L., Park Ridge, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic auditing and tabulating system. 2,129,743; Sept. 13.
Neracher, Carl A., Detroit, and T. Iavelli, Dearborn, assignors to Chrysler Corporation, Detroit, Mich. Power transmission. 2,129,863; Sept. 13.
Nergaard, Leon S., East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America. Current conductor support. 2,130,309; Sept. 13.
Neufeld, Jacob. (See Scherbatskoy, S. A., and Neufeld.)
Neugart, Franz, Berlin-Charlottenburg, Germany. Grinding machine. 2,130,021; Sept. 13.
Neumann, Luigi, Milan, assignor to Società Anonima Brevetti Zarlatti, Rome, Italy. Locomotive with pneumatic transmission by means of a mixture of compressed air and steam. 2,130,310; Sept. 13.
Newkirk, William B., Western Springs, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Crystallizing dextrose. 2,129,864; Sept. 13.
Newport, Charles L., and H. C. Smith, Los Angeles, Calif. Pipe covering. 2,129,865; Sept. 13.
Newsom, John B., Nevada City, assignor to Idaho Maryland Mines Corporation, San Francisco, Calif. Core drill. 2,130,192; Sept. 13.
Nichols, Harry J., Binghamton, and H. L. Tholstrup, Endwell, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Communication system. 2,129,779; Sept. 13.
Nickel, Elmer R., Milwaukee, Wis. Tube sign. 2,129,780; Sept. 13.
Nishio, Torazo, Jamaica, N. Y. Making a tooth brush. 2,130,244; Sept. 13.
Nissenfeld, Abraham. (See Sambur, W., and Nissenfeld.)
Noelting, William H., assignor to Faultless Caster Corporation, Evansville, Ind. Drive-on socket for casters or the like. 2,130,245; Sept. 13.
Noerr, Hermann. (See Mauthe, G., and Noerr.)
Nooney, John R., assignor to Economy Oil Filter Company, Kansas City, Mo. Filter. 2,130,287; Sept. 13.
North, Oliver D. (See Scammell, A. G., and North.)
Nutting, Howard S. (See Britton, E. C., Nutting, and Huscher.)
Oak Manufacturing Company. (See Allison, K. C., and Mastney, assignors.)
Oakes Products Corporation. (See Jandus, Herbert S., assignor.)
Oelkers, Ore. (See Fuglie, E., and Oelkers.)
Oermann, Carl H., York, Pa. Chair. 2,130,022; Sept. 13.
Oil Well Manufacturing Corporation. (See White, Clarence, assignor.)
Olcott, Laurence E., Akron, C. C. Soper, Kent, K. W. Gasche, Stow, and W. T. Runals, assignors, by mesne assignments, to The Firestone Steel Products Company, Akron, Ohio. Drying apparatus. 2,130,246; Sept. 13.
Oliveros, Reginald P. (See Tiddy, W., Hughes, and Oliveros.)
Olley, Maurice, assignor to General Motors Corporation, Detroit, Mich. Automobile suspension system. 2,130,288; Sept. 13.
Olson, Andrew O., Snohomish, Wash. Dragline rock scraper. 2,129,955; Sept. 13.
Olson, Arthur. (See Conner, H. B., and Olson.)
Osgood, Walter P., Malden, Mass. Shoe machine. 2,130,193; Sept. 13.
Owen, George W., Forest Hills, N. Y. Illuminated sign. 2,130,023; Sept. 13.
Page, Herbert E., Syracuse, N. Y. Typewriter mechanism. 2,129,866; Sept. 13.
Palfreeman, Herbert, Manchester, and N. V. S. Knibbs, Kent, England. Production of quinone and hydroquinone. 2,130,151; Sept. 13.
Pardee, Lloyd W., Lakewood, assignor to The Scott & Fetzer Company, Cleveland, Ohio. Suction sweeper. 2,130,325; Sept. 13.
Parham, Fletcher L., Akron, Ohio. Motor-operated shaver. 2,130,311; Sept. 13.
Paris, Robert E., assignor to International Business Machines Corporation, New York, N. Y. Record puncturing machine. 2,129,782; Sept. 13.
Park, Peter J., Rushville, Ill. Decoy apparatus. 2,129,781; Sept. 13.
Parker Brothers, Inc. (See Phelps, Charles A., assignor.)
Parker, Harold H., and G. P. Standley, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial thread and making same. 2,130,247; Sept. 13.
Pastor, Carl T., Huls, near Krefeld, Germany. Spiral covering machine. 2,129,956; Sept. 13.
Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,129,867; Sept. 13.

Pearson, Albert, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article supporting rack for plating. 2,129,868; Sept. 13.

Pearson, Charles, Ingersol, assignor of one-half to G. W. Mallory, Blenheim, Ontario, Canada. Antirattling device and lock for windows. 2,129,957; Sept. 13.

Peate, George A., Montreal, assignor of one-third to E. H. Brietzcke, Westmount, Quebec, Canada. Tuner for string instruments. 2,130,248; Sept. 13.

Peet, Robert B. (See Burke, W. E., Allen, Peet, Ritchie, and Gale.)

Penney, Gaylord W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical precipitator for atmospheric dust. 2,129,783; Sept. 13.

Perkins, Theodore B., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America. Regulation of magnetic electron multipliers. 2,130,152; Sept. 13.

Peterson, John J., Cleveland, Ohio. Garbage truck. 2,130,099; Sept. 13.

Phelps, Charles A., assignor to Parker Brothers, Inc., Salem, Mass. Amusement device. 2,130,289; Sept. 13.

Pichinino, James R. (See Sargent, O. E., and Pichinino.)

Pickel, Glen, Reedsburg, Wis. Corn shredding mechanism. 2,130,312; Sept. 13.

Pier, Mathias, Heidelberg, and F. Christmann, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Production of lubricating oils. 2,130,024; Sept. 13.

Pierre, Anders B., Jarpen, A. G. Johansson, Nalden, and S. Bergstrom, Stockholm, Sweden. Means for soaking wood, lumber, and the like. 2,130,025; Sept. 13.

Pierre, Max, Marseille, France. Dynamo kinematic transformer. 2,130,143; Sept. 13.

Pike, Harold S., Fanwood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Article assembling fixture. 2,129,869; Sept. 13.

Pilkington Brothers Limited. (See Waldron, F. B., and Griffin, assignors.)

Placer Development Limited. (See Storsand, Björn R., assignor.)

Platt-Hepworth, Robert, Paddington, near Sydney, Australia. Sound and picture reproducing apparatus. 2,130,010; Sept. 13.

Plensler, Alexander W., Chicago, Ill., assignor to Belmont Radio Corporation. Tuning device for radio receivers. 2,130,153; Sept. 13.

Ploehn, John H. (See Beckman, R. H., and Ploehn, assignors.)

Podolsky, Jacob, Dorchester, Mass. Float valve silencer. 2,129,958; Sept. 13.

Pollock, Gordon B., Los Angeles, Calif. Camera. 2,129,959; Sept. 13.

Polta, Sylvan J., and H. V. Holz, Sandusky, Ohio. Circuit closer. 2,130,290; Sept. 13.

Pooley, Wilber G., et al. (See McGrath, Richard R., assignor.)

Poor & Company. (See Delfox, James G., assignor.)

Poor & Company. (See Schermerhorn, Edwards F., assignor.)

Presby, Harry A., assignor of thirty-seven and a half per cent to F. M. Smith and twenty-five per cent to B. P. Craig, Sacramento, Calif. Rotary compressor. 2,129,960; Sept. 13.

Pulse, Lysle J., assignor to Hawkeye Pearl Button Company, Muscatine, Iowa. Mechanism for feeding blanks. 2,130,291; Sept. 13.

Purtle, Albert D., Marietta, Ohio, and J. R. Broadwater, Toll Gate, W. Va. Oil and gas saving bailer. 2,130,026; Sept. 13.

Quinn, Clara E., and J. R. Lasseiter, Jr., New York, N. Y., assignors, by mesne assignments, to Broquinda, Inc., St. Petersburg, Fla. Refrigerating apparatus and method. 2,130,027; Sept. 13.

Rabezzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Radio shielded spark plug. 2,129,961; Sept. 13.

Rabezzana, Hector, assignor to General Motors Corporation, Detroit, Mich. Spark plug. 2,129,962; Sept. 13.

Rack, Alois J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplitude modulation system. 2,129,870; Sept. 13.

Radio Corporation of America. (See Hunter, James H., assignor.)

Radio Corporation of America. (See Iams, Harley A., assignor.)

Radio Corporation of America. (See Karolus, August, assignor.)

Radio Corporation of America. (See Lederer, Ernst A., assignor.)

Radio Corporation of America. (See Meier, Wilber L., assignor.)

Radio Corporation of America. (See Nergaard, Leon S., assignor.)

Radio Corporation of America. (See Perkins, Theodore B., assignor.)

Radio Corporation of America. (See Robins, Ben W., assignor.)

Radio Corporation of America. (See Thompson, Harry C., assignor.)

Radio Corporation of America. (See Wassell, Harold J. H., assignor.)

Raisch, William, Forest Hills, assignor to Municipal Sanitary Service Corporation, New York, N. Y. Filtering sewage and the like. 2,130,249; Sept. 13.

Rasmussen, John A., assignor of forty-nine one hundredths to R. G. Doege, Salem, Oreg. Trailer hitch. 2,130,100; Sept. 13.

Rasnek, Edward. (See Cowen, Milam A., assignor.)

Ray Engineering Company. (See Rafield, Charles L., assignor.)

Rayfield, Charles L., assignor to Ray Engineering Company, Chicago, Ill. Valve. 2,129,963; Sept. 13.

Reckitt & Sons Limited. (See Sargent, Edward H. G., assignor.)

Redden, Lee R. (See Bruner, R. R., and Redden.)

Reed, Arthur D., Kirksey, Ky. Garment hanger. 2,129,871; Sept. 13.

Reed, George M., Yeadon, Pa., assignor to General Electric Company. Electric switch gear. 2,130,250; Sept. 13.

Reed, Georgia F. (See Jones, Joel T., Jr., assignor.)

Reich, Gustave T., Philadelphia, Pa. Affination of sugar. 2,130,028; Sept. 13.

Reich, Gustave T., Philadelphia, Pa. Recovery of non-sugars from liquid saccharine materials. 2,130,029; Sept. 13.

Reilly-Whiteman-Walton Company. (See Whiteman, Daniel, assignor.)

Reineman, Howard H., Brighton, N. Y. Envelope. 2,129,705; Sept. 13.

Reiter, Daniel I., New York, N. Y. Slide buckle. 2,129,872; Sept. 13.

Rex-Watson Corporation. (See Imhofe, Robert H., assignor.)

Rice, Frank E., Detroit, Mich. Pouring spout for cans. 2,129,784; Sept. 13.

Richards, John C. N., Lincoln, Nebr. Musical instrument. 2,130,251; Sept. 13.

Richardson, James F., Ashland, Ky. Pipe plug. 2,130,030; Sept. 13.

Richardson, William S. (See Wolf, A., Cowles, and Richardson.)

Richey, Charles V., Jamaica, assignor to Richey Special Third Rail Corporation, New York, N. Y. Box sheltered third rail and shoe. 2,129,706; Sept. 13.

Richey Special Third Rail Corporation. (See Richey, Charles V., assignor.)

Riley, Champlain L., Watchung, N. J., assignor to Industrial Associates, Inc., New York, N. Y. Heat treating powdered material. 2,130,154; Sept. 13.

Rintelman, William L., Carrollville, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuff intermediates of the anthraquinone series. 2,130,031; Sept. 13.

Ritchie, Charles F. (See Burke, W. E., Allen, Peel, Ritchie, and Gale.)

Ritzerfeld, Wilhelm, Berlin, Germany. Apparatus for feeding envelopes and method relating thereto. 2,130,101; Sept. 13.

Robie, Norman P., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Production of abrasive materials. 2,130,194; Sept. 13.

Robins, Ben W., Haddon Heights, N. J., assignor to Radio Corporation of America. Testing device. 2,130,032; Sept. 13.

Rockola, David C., Chicago, Ill. Parking meter. 2,130,155; Sept. 13.

Rock-Ola Manufacturing Corporation. (See Williams, Harry E., assignor.)

Rogers, Jay, Brooklyn, N. Y. Fountain pen. 2,130,195; Sept. 13.

Röhm & Haas Company. (See Turley, H. G., and Somerville, assignors.)

Rollefson, Karl E., Evanston, assignor to The Muter Company, Chicago, Ill. Electrical resistance unit. 2,130,156; Sept. 13.

Roller-Smith Company. (See Wood, Joseph D., assignor.)

Romati, Cesare, and L. Lanzetti, Turin, Italy. Closure for collapsible tubes. 2,129,873; Sept. 13.

Roos, Hans, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,129,964; Sept. 13.

Roscoe, Edwin S., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Drawer and the like. 2,129,965; Sept. 13.

Roscoe, Merrill W., Batavia, Ill., assignor to International Harvester Company. Ear retarder for corn huskers. 2,129,744; Sept. 13.

Ross, John, Custer, S. Dak. Dry concentrator. 2,129,874; Sept. 13.

Rost, Helge, Mexico, D. F. Mexico. Ammunition and firearm. 2,129,875; Sept. 13.

Roth, Arthur E., Prairie du Chien, Wis. Trap timer. 2,129,966; Sept. 13.

Rubner, Hugo G., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,129,967; Sept. 13.

Rudolph, Alfred A., and M. L., Vineland, N. J. Pick-out guard. 2,130,102; Sept. 13.

Rudolph, Maurice L. (See Rudolph, Alfred A., and M. L.)

Rueger, Herman W., Lancaster, Pa., assignor to Liberty Can and Sign Company. Receptacle opener. 2,129,785; Sept. 13.

Rugg, Walter S., and H. D. James, Pittsburgh, Pa. Air-conditioning system. 2,130,157; Sept. 13.

Rumbold, William N., Santa Clara, Calif., assignor to American Telephone and Telegraph Company. Card holder. 2,129,876; Sept. 13.

Runals, William T. (See Olcott, L. E., Soper, Gasche, and Runals.)

Runton, Leslie A., Andover, Mass. Napping textile fabrics. 2,129,707; Sept. 13.

Runton, Leslie A., Andover, Mass. Machine for napping or sueding textile fabrics. 2,129,877; Sept. 13.

Rysick, Arno, Dresden, Germany. Sound recording and reproducing device. 2,130,158; Sept. 13.

Sacre, Charles E., Boston, Mass. Cage. 2,129,786; Sept. 13.

Sadinoff & Wendroff, Inc. (See Holtz, Abraham, assignor.)

Sakier, George, assignor to The Accessories Company, Inc., New York, N. Y. Lavatory unit. 2,130,196; Sept. 13.

Sambur, William, and A. Nissenfeld, Jamaica, N. Y. Electric time clock and thermostatic dial for same. 2,129,878; Sept. 13.

Samcoe Holding Corporation. (See Cohn, Samuel, assignor.)

Sammons, Edward C., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Overfeed stoker. 2,130,329; Sept. 13.

Samuel, Joseph R., New Orleans, La. Display box. 2,129,879; Sept. 13.

Sargent, Edward H. G., assignor to Reckitt & Sons Limited, Hull, England. Molding composition. 2,129,749; Sept. 13.

Sargent, Otto E., and J. R. Pichinino, San Francisco, Calif. Processing fowl. 2,129,968; Sept. 13.

Saunders, Walter S., and T. A. McGregor, assignors to American Forging & Socket Company, Pontiac, Mich. Seat support. 2,130,159; Sept. 13.

Sauser A.-G. (See Wydler, Hermann, assignor.)

Savedoff, Morris M., Brooklyn, N. Y. Tinning compound. 2,130,211; Sept. 13.

Scammell, Alfred G., Watford West, and O. D. North, Hunton Bridge, England. Towing hook for motor vehicles. 2,129,745; Sept. 13.

Schaeffer, John A., and H. R. Harner, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Storage battery plate and composition therefor. 2,130,103; Sept. 13.

Schaeffer, John A., and H. R. Harner, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Storage battery plate and making the same. 2,130,104; Sept. 13.

Schaeffer, John A., and H. R. Harner, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Storage battery electrode and making the same. 2,130,105; Sept. 13.

Schaffler-Glössl, Konrad, Vienna, Austria. Electric shot-firing machine. 2,129,835; Sept. 13.

Scharlau, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Directive beam radiator. 2,130,033; Sept. 13.

Scheffer, Ludwig. (See Nagel, K., and Scheffer.)

Schellenberg, Albert, Joliet, Ill. Centrifugal extractor. 2,130,160; Sept. 13.

Scherbatskoy, Serge A., and J. Neufeld, Tulsa, Okla. Thermionic measuring device. 2,129,880; Sept. 13.

Schermerhorn, Edwards F., Brooklyn, assignor to Poor & Company, New York, N. Y. Insulating end post for mitered rails. 2,130,106; Sept. 13.

Schick, Joseph, Brooklyn, assignor to Baker Brush Co. Inc., New York, N. Y. Display device. 2,130,197; Sept. 13.

Schildberger, Adolf A., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Making a coating for ice cream bars. 2,129,881; Sept. 13.

Schleicher, Carl, & Schüll Co. (See Yagoda, Herman, assignor.)

Schmalenbach, Adolf, Essen, Germany, assignor, by mesne assignments, to Koppers Company. Removal and recovery of benzol and naphthalene from gases. 2,129,787; Sept. 13.

Schmidt, Hans. Wuppertal-Vohwinkel, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Tooth cleansing agent. 2,130,034; Sept. 13.

Schnabel, Frederick C., Hopkins, Minn. Clamp device. 2,130,035; Sept. 13.

Schneider, Frank H., assignor to The Floyd-Wells Company, Royersford, Pa. Stove door construction. 2,129,750; Sept. 13.

Schoeller, Conrad. (See Schuette, H., Schoeller, and Wittwer.)

Schrader, Gerhard, and O. Bayer, Leverkusen-I. G. Werk, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Sulphamic acid fluorides. 2,130,036; Sept. 13.

Schreiber, Richard S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Urea cellulose solutions. 2,129,708; Sept. 13.

Schuette, Hermann, Mannheim, and C. Schoeller and M. Wittwer, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of new high molecular sulphur-containing condensation products. 2,129,709; Sept. 13.

Schuler, L., A. G. (See Knöchl, Leo, assignor.)

Scott & Fetzer Company, The. (See Pardee, Lloyd W., assignor.)

Scovill Manufacturing Company. (See Dews, Joseph W., assignor.)

Scruggs, Joseph A., Pensacola, Fla. Boat. 2,129,788; Sept. 13.

Seaborne, Charles R., Appleton, Wis. Beater for paper stock. 2,129,789; Sept. 13.

Sealkote Corporation. (See Humphries, Chad H., assignor.)

Seaman, Charles, Jamaica Estates, N. Y. Apparatus for forming blind stitched facings. 2,130,198; Sept. 13.

Seaman Paper Company. (See McLaurin, James D., assignor.)

Selendi, Paul, Toronto, Ontario, Canada. Shoe last. 2,130,199; Sept. 13.

Semet-Solvay Engineering Corporation. (See Tiddy, W., Hughes, and Oliveros, assignors.)

Servel, Inc. (See Ashby, Carl T., assignor.)

Sessoms, William A., Bonifay, Fla. Turpentine hack and puller. 2,129,790; Sept. 13.

Seversky Aircraft Corporation. (See de Seversky, Alexander P., assignor.)

Shattuck, Owen M., and M. E. Fulk, Zanesville, Ohio. Lamp flasher. 2,129,882; Sept. 13.

Shaw, Cecil. (See Irving, F., and Shaw.)

Shaw, Thomas, Cranston, R. I. Hand truck body assembly and method. 2,130,161; Sept. 13.

Sheffield, William M. (See Louisot, Felix, assignor.)

Shell Development Company. (See Evans, Theodore, assignor.)

Shell Development Company. (See Groll, H. P. A., Hearne, Burgin, and La France, assignors.)

Shell Development Company. (See Milmore, Oswald H., assignor.)

Shellmar Products Company. (See Gurwick, Irving, assignor.)

Shelton, Thomas H., Eugene, Oreg. Sweep rake. 2,130,292; Sept. 13.

Shepard, David C. (See Smith, Swan, assignor.)

Shkolnick, Joseph W., Centerville, Iowa. Sealing device for pipe joints. 2,130,039; Sept. 13.

Showalter, Russell C., Oklahoma City, Okla. Apparatus for severing pipe. 2,129,969; Sept. 13.

Shrader, John A., Kitchel, Ind. Defroster. 2,130,036; Sept. 13.

Shuler Axle Company. (See Dougherty, Gerald A., assignor.)

Sibley, Gerald J., Alameda, Calif., assignor to Mathews Conveyer Company, Ellwood City, Pa. Automatic traffic control for conveyers. 2,130,330; Sept. 13.

Siemens-Halske Aktiengesellschaft. (See Vatter, Hans, assignor.)

Siler, Robert W., Long Beach, Calif., assignor to Macwhyte Company, Kenosha, Wis. Wire line sling and fitting therefor. 2,130,040; Sept. 13.

Simonds, George D., assignor to Four Wheel Drive Auto Company, Clintonville, Wis. Underbody scraper installation. 2,129,970; Sept. 13.

Sinko, John, Chicago, Ill. Cigar lighter. 2,129,791; Sept. 13.

Sinko, John, Chicago, Ill. Cigar lighter. 2,129,792; Sept. 13.

Skarlund, Carl A., Stockholm, Sweden. Fluid machine. 2,130,037; Sept. 13.

Slaughter, George H., assignor of one-half to L. R. Beardsley, Benton Harbor, Mich. Insect exterminator. 2,130,041; Sept. 13.

Slusser, Harry R. (See Baker, J. B., and Slusser.)

Smith, Frances M., et al. (See Presby, Harry A., assignor.)

Smith, Frederick E., San Leandro, Calif. Dispenser. 2,129,971; Sept. 13.

Smith, Herbert C. (See Newport, C. L., and Smith.)

Smith, Hiram P., Canton, Ill., assignor to International Harvester Company. Tractor cultivator. 2,129,746; Sept. 13.

Smith, Howard A., New York, N. Y. Weather strip. 2,130,042; Sept. 13.

Smith, Rafael E., Santiago, Chile. Boxing glove. 2,130,200; Sept. 13.

Smith, Swan, White Bear, assignor to D. C. Shepard, St. Paul, Minn. Container. 2,129,793; Sept. 13.

Smith, William A. (See Adams, Simpson J., and Smith.)

Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Seat post mounting. 2,130,252; Sept. 13.

Società Anonima Brevetti Zariatti. (See Neumann, Luigi, assignor.)

Soller, Walter, assignor of one-half to W. H. Woodin, Jr., Tucson, Ariz. Amplifying relay system. 2,129,710; Sept. 13.

Somers, Herbert J., Detroit, Mich. Filter. 2,130,107; Sept. 13.

Somerville, Ian C. (See Turley, H. G., and Somerville.)

Soper, C. (See Olcott, L. E., Soper, Gasche, and Runals.)

Sorensen, Carl P., Chicago, Ill. Electric circuit alternator. 2,129,747; Sept. 13.

Southworth, George C., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Guided transmission of ultra high frequency waves. 2,129,711; Sept. 13.

Southworth, George C., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Transmission of energy effects by guided electric waves in a dielectric medium. 2,129,712; Sept. 13.

Southworth, George C., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. High frequency oscillation system and method. 2,129,713; Sept. 13.

Southworth, George C., Red Bank, N. J., assignor to American Telephone & Telegraph Company. Wave type converter for use with dielectric guides. 2,129,714; Sept. 13.

Sperry Gyroscope Company. (See Carter, Leslie F., assignor.)

Spokes, Ray E., Ann Harbor, Mich., assignor to The American Brake Shoe and Foundry Company. Friction element. 2,129,794; Sept. 13.
Sporn, Philip, Brooklyn, N. Y., R. H. Wolford, Elizabeth, N. J., and W. C. Nein, Tuckahoe, N. Y. Multirate meter. 2,130,201; Sept. 13.
Squibb, E. R., & Sons. (See Christiansen, W. G., and Moness, assignors.)
Staley, A. E., Manufacturing Company. (See File, Howard, assignor.)
Standard-I. G. Company. (See Haslam, Robert T., assignor.)
Standard-I. G. Company. (See Pier, M., and Christmann, assignors.)
Standard Oil Development Company. (See Cross, T., Jr., and Fulton, assignors.)
Standard Oil Development Company. (See Fulton, S. C., and Cross, assignors.)
Standard Oil Development Company. (See Wells, A. A., and Edwards, assignors.)
Standard Oil Development Company. (See Whiteley, James M., assignor.)
Standard Pyrometric Cone Company. (See Co Van, H. E., and Bole, assignors.)
Standley, George P. (See Parker, H. H., and Standley.)
Stastney, Ladislav. (See King, T. M., and Stastney.)
Steel Heddle Manufacturing Company. (See Kaufmann, John J., assignor.)
Sterling Engineering Company. (See Berghoefer, Victor A., assignor.)
Stevens, Burt D., Chicago, E. F. Dudley, Oak Park, Ill., and E. A. Verrinder, Redlands, Calif., assignors to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Printing press mechanism. 2,129,972; Sept. 13.
Stong, Walter D., Flint, Mich. Automatic trailer brake control. 2,129,715; Sept. 13.
Storm, George L. (See Westervelt, C., Storm, and Kaufmann.)
Storsand, Björn R., San Francisco, Calif., assignor to Placer Development, Limited, Vancouver, British Columbia, Canada. Ore jig. 2,129,795; Sept. 13.
Story, Edward B., Dormont, and E. P. Best, Edgeworth, assignors to A. M. Byers Company, Pittsburgh, Pa. Manufacture of wrought iron. 2,129,716; Sept 13.
Story, Edward B., Dormont, and E. P. Best, Edgeworth, assignors to A. M. Byers Company, Pittsburgh, Pa. Manufacture of wrought iron. 2,129,717; Sept. 13.
Story, Edward B., Bethel Township, and E. P. Best, Edgeworth, assignors to A. M. Byers Company, Pittsburgh, Pa. Manufacture of wrought iron. 2,129,718; Sept. 13.
Stover, Frank E., Springfield, Ohio. Incubator. 2,130,043; Sept. 13.
Strain, Daniel E. (See Barrett, H. J., and Strain.)
Struhs, Harry J., East Chicago, Ind. Combination bumper guard and draft connection. 2,130,108; Sept. 13.
Stull, John S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,129,883; Sept. 13.
Subkow, Philip, Los Angeles, and L. B. Beckwith, San Pedro, assignors to Union Oil Company of California, Los Angeles, Calif. Dam. 2,130,044; Sept. 13.
Sunbeam Electric Manufacturing Company. (See Dennedy, James H., assignor.)
Swan, James G., assignor to Hydraulic Coupling Patents Limited, London, England. Power transmission system. 2,129,884; Sept. 13.
Swift, Herbert W., assignor to Bromilow & Edwards Limited, Bolton, England. Moving floor for vehicles. 2,129,796; Sept. 13.
Swigart, Arthur L., assignor, by mesne assignments, to G. M. Jones, Kansas City, Mo. Electrical converter system. 2,129,885; Sept. 13.
Syrovy, Augustin J., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Pump. 2,129,886; Sept. 13.
Tama, Manuel, Zurich, Switzerland. Continuously casting pipe. 2,130,202; Sept. 13.
Tamarin, Bernard J., Philadelphia, Pa. Combination cigarette package and opener and ejector therefor. 2,129,887; Sept. 13.
Tamarin, Bernard J., Philadelphia, Pa. Shaping and associating a cigarette ejecting strip with a cigarette package. 2,129,888; Sept. 13.
Tamea, Joseph. (See Fusetti, J., and Tamea.)
Tanner, Moten E., Spartanburg, S. C. Beam lock. 2,130,203; Sept. 13.
Tappan Stove Company, The. (See Hoff, John G., assignor.)
Tapparo, Anthony, Pittsburgh, Pa. Cutting apparatus. 2,130,045; Sept. 13.
Taylor, Warren G., Chicago, Ill. Vacuum tube. 2,130,204; Sept. 13.
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Fritz, Karl, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hollmann, Hans E., assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Knoll, Max, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Leib, August, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Scharlau, Hans, assignor.)
Tellor, Martin. (See Hart, Peter F., assignor.)
Texas Company, The. (See Barron, Joseph M., assignor.)
Texas Company, The. (See Thurston, Robert R., assignor.)
Texas Company, The. (See Wolf, A., Cowles, and Richardson, assignors.)
Tholl, John F., Needham, assignor to American Tool & Machine Co., Hyde Park, Mass. Centrifugal basket. 2,130,205; Sept. 13.
Tholstrup, Henry L. (See Nichols, H. J., and Tholstrup.)
Thompson, Harry C., Montclair, N. J., assignor to Radio Corporation of America. Tuning indicator tube. 2,130,162; Sept. 13.
Thompson, Joseph S., San Francisco, Calif. Carpet washing machine. 2,129,797; Sept. 13.
Thurston, Robert R., Chappaqua, assignor to The Texas Company, New York, N. Y. Forming an emulsifying agent. 2,130,326; Sept. 13.
Tiddy, William, New York, N. Y., C. H. Hughes, Glen Ridge, N. J., and R. P. Oliveros, Brooklyn, assignors to Semet-Solvay Engineering Corporation, New York, N. Y. Making gas. 2,130,163; Sept. 13.
Tietjen, Ernest J. (See Evans, Eugene M., assignor.)
Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Lens testing instrument. 2,129,889; Sept. 13.
Timken Roller Bearing Company, The. (See Baker, J. B., and Slusser, assignors.)
Tinnerman, Albert E. (See Lombard, Herman G., assignor.)
Titanium Alloy Manufacturing Company, The. (See Gardner, Henry A., assignor.)
Tittle, Hulburt C., Park Ridge, assignor, by mesne assignments, to Aurex Corporation, Chicago, Ill. Electrical sound transmitter. 2,130,206; Sept. 13.
Tompkins, Gerald S., Lewiston, assignor to American Viscose Corporation, Marcus Hook, Pa. Swift guard. 2,130,253; Sept. 13.
Transit Research Corporation. (See Hirshfeld, Clarence F., assignor.)
Troche, Herman J. (See Larsen, N. P., and Troche.)
Troy Sunshade Company, The. (See Braunschweiger, Paul G., assignor.)
Trucksess, David E., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regulator. 2,129,890; Sept. 13.
Trumbull, George M., Brighton, Boston, Mass. Hat. 2,129,798; Sept. 13.
Trussell Manufacturing Company. (See Cruzan, Charles C., assignor.)
Tumulty, Charles L. (See Ball, G. D., and Tumulty.)
Turchan, Manuel, Detroit, Mich. Follower machine. 2,130,109; Sept. 13.
Turley, Harold G., Moorestown, N. J., and I. C. Somerville, assignors to Röhm & Haas Company, Philadelphia, Pa. Tanning with aldehydes. 2,129,748; Sept. 13.
Tutin, John, London, England. Ship's hatch cover. 2,129,973; Sept. 13.
Twentieth Century-Fox Film Corporation. (See Wright, Arthur G., assignor.)
Twomley, Herbert E., Riverside, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Box lidding machine. 2,129,974; Sept. 13.
Tyken, John G., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Clutch for power transmitting devices. 2,129,891; Sept. 13.
Ulmer, J. C., Company, The. (See Heller, Harold S., assignor.)
Union Carbide and Carbon Corporation. (See Bucknam, James H., assignor.)
Union Carbide and Carbon Corporation. (See Gelbig, Frank C., assignor.)
Union Carbide and Carbon Corporation. (See Kiefer, Edwin F., assignor.)
Union Carbide and Carbon Corporation. (See Wilson, Alexander L., assignor.)
Union Oil Company of California. (See Subkow, P., and Beckwith, assignors.)
Union Switch & Signal Company, The. (See Claus, William H., assignor.)
United Autographic Register Co. (See Jensen, Louis, assignor.)
United Metal Box Co. (See Hammer, Samuel, assignor.)
United States Rubber Products, Inc. (See Harkins, Henry H., assignor.)
United States Rubber Products, Inc. (See Messer, William E., assignor.)
Universal Oil Products Company. (See Barnes, Marion W., assignor.)
Universal Oil Products Company. (See Heid, Jacob B., assignor.)
University Patents, Inc. (See Bucky, Philip B., assignor.)
Uphill, Kenneth M., and T. Jackson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile operation. 2,130,046; Sept. 13.
Upper, Frederick A. (See Martin, H. C., Upper, and Aust.)
Upton, John, Wayland, Mass. Splicing unit. 2,130,047; Sept. 13.
Urbain, Leon F., Chicago, Ill. Acoustical tile clip. 2,129,975; Sept. 13.
Urbain, Leon F., and F. W. Cherry, Chicago, Ill. Clip and channel. 2,129,976; Sept. 13.
Van Berg, William E. (See Loney, N. M., Van Berg, and Ferguson.)

Van Halteren, Andrew S., Lansing, Mich., assignor to The Firestone Steel Products Company, Akron, Ohio. Wheel. 2,130,207; Sept. 13.
Vatter, Hans, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Vacuum circuit breaker. 2,129,892; Sept. 13.
Venetta, John. (See Baughman, J., and Venetta.)
Verkins, Robert H., Minneapolis, Minn. Automatic radio program selector. 2,130,164; Sept. 13.
Verrinder, Ernest A. (See Stevens, B. D., Dudley, and Verrinder.)
Victor, John H., Wilmette, and J. B. Victor, Oak Park, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Laminated metal and asbestos gasket. 2,130,110; Sept. 13.
Victor, Joseph B. (See Victor, John H. and J. B.)
Victor Manufacturing & Gasket Company. (See Victor, John H. and J. B., assignors.)
Viens, Arthur E., Hartford, Conn. Loose leaf binder. 2,129,799; Sept. 13.
Vincent, George P., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Bleaching method. 2,129,719; Sept. 13.
Vincent, William J., Cardiff, Wales. Sparking plug. 2,130,208; Sept. 13.
Visman, Jean, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Molding tubular members. 2,130,254; Sept. 13.
Von Brun, Carmen, born Buelle, Berlin, Germany. Making of artificial flowers. 2,130,209; Sept. 13.
Von Haken, Kurd, Berlin, Germany. Separation and gas treatment of gas-dust mixtures. 2,130,210; Sept. 13.
Von Pein, Edward J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Scale. 2,129,800; Sept. 13.
Vulcan Rail and Construction Company. (See Ewing, Wylie B., assignor.)
Waite, Thomas, Pottstown, Pa. Feed saving trough. 2,130,048; Sept. 13.
Walden, Stanley F., Newton, Mass. Top for trucks and the like. 2,129,893; Sept. 13.
Waldron, Frederic B., Prescot, and J. H. Griffin, St. Helens, assignors to Pilkington Brothers Limited, Liverpool, England. Apparatus for grinding and polishing strips of glass. 2,130,255; Sept. 13.
Walker, Frank R., Glencoe, Ill. Metal support for wooden building constructions. 2,130,049; Sept. 13.
Wallace, John M., Oakville, Ontario, Canada. Dispensing gun. 2,129,801; Sept. 13.
Wallquist, Ivar, Karlstad, Sweden. Apparatus for recovering particles from liquids. 2,129,802; Sept. 13.
Walters, Carl W., Aurora, Ill. Projectile game apparatus. 2,130,050; Sept. 13.
Ward, Frank A., Hollister, Calif. Swedger. 2,130,051; Sept. 13.
Warren, Le Roy H., Struthers, Ohio. Removable tube burner. 2,130,165; Sept. 13.
Wassell, Harold J. H., Chelmsford, England, assignor to Radio Corporation of America. Thermostatically controlled apparatus. 2,129,803; Sept. 13.
Watanabe, Yoshito, Suma-ku, Kobe, Japan. Automatic telegraph receiving machine. 2,130,166; Sept. 13.
Watkins, Charles W. (See Loose, K. D., Watkins, and Green.)
Watkins, William W., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of polyvinyl alcohol. 2,130,212; Sept. 13.
Weinhold, Clarence M., Cottonwood, Minn. Corn sheller. 2,129,894; Sept. 13.
Weinman, Arthur O., Fort Worth, Tex. Cigarette rolling device. 2,130,052; Sept. 13.
Weiskittel, Anton K., assignor to Harry C. Weiskittel Co. Inc., Baltimore, Md. Stove construction. 2,130,167; Sept. 13.
Weiskittel, Anton K., assignor to Harry C. Weiskittel Co. Inc., Baltimore, Md. Oven construction. 2,130,168; Sept. 13.
Weiskittel, Anton K., assignor to Harry C. Weiskittel Co. Inc., Baltimore, Md. Warming shelf for ovens. 2,130,169; Sept. 13.
Weiskittel, Harry C., Co. Inc. (See Weiskittel, Anton K., assignor.)
Weiter, Joseph H., Los Angeles, Calif. Measuring device. 2,129,895; Sept. 13.
Wells, Alfred A., Roselle Park, and D. F. Edwards, Elizabeth, N. J., assignors to Standard Oil Development Company. Operation of a centrifuge for separating the petroleum oil from sulphuric acid. 2,129,751; Sept. 13.
West, Herbert J. (See Jaeger, A. O., and West.)
West Virginia Pulp and Paper Company. (See Davis, Charles, assignor.)
Western Electric Company. (See King, T. M., and Stastney, assignors.)
Western Electric Company. (See Pearson, Albert, assignor.)
Western Electric Company. (See Pike, Harold S., assignor.)
Western Electric Company. (See Stull, John S., assignor.)
Western Railroad Supply Company. (See Gort, Godfrey, assignor.)
Westervelt, Carl, Caldwell, G. L. Storm, West Orange, and A. Kaufmann, assignors to The Fells Company Incorporated, Essex Fells, N. J. Measuring device. 2,129,979; Sept. 13.
Westinghouse Electric & Manufacturing Company. (See Penney, Gaylord W., assignor.)
Wheat, Thomas E. M., assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,129,804; Sept. 13.
White, Clarence, Walnut Park, assignor to Oil Well Manufacturing Corporation, Los Angeles, Calif. Insert valve seat for slush pumps. 2,130,053; Sept. 13.
Whiteley, James M., Roselle, N. J., assignor to Standard Oil Development Company. Settling aid in heavy solvents. 2,129,752; Sept. 13.
Whiteman, Daniel S., Philadelphia, assignor to Reilly-Whiteman-Walton Company, Conshohocken, Pa. Apparatus and method for sulphonating fatty compounds. 2,129,896; Sept. 13.
Whitfield, Joseph E., Grove City, Pa. Blower. 2,130,054; Sept. 13.
Whitney, Kenneth E., Baltimore, and A. G. Decker, Towson, Md., assignors to The Black & Decker Manufacturing Company. Screw and bolt driving and nut running machine. 2,130,111; Sept. 13.
Wilhelm, George F., St. Charles, Mo. Inflated hat block. 2,129,720; Sept. 13.
Wilhoit, Joseph D., Louisville, Ky. Ice cream disher. 2,129,753; Sept. 13.
Williams, Harry E., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Merchandise vending machine. 2,129,897; Sept. 13.
Wilson, Alexander L., Pittsburgh, Pa., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Manufacture of morpholine and certain homologues thereof. 2,129,805; Sept. 13.
Wilson, George R., assignor to Lumasyne, Inc., Washington, D. C. Light reflecting display device and manufactured blank therefor. 2,130,256; Sept. 13.
Winchester Repeating Arms Company. (See Blizard, Charles E., assignor.)
Winthrop Chemical Company. (See Binz, A., and Hughes, assignors.)
Winthrop Chemical Company. (See Schmidt, Hans, assignor.)
Winthrop Chemical Company. (See Schrader, G., and Bayer, assignors.)
Winters & Crampton Corporation. (See Geske, C. W., and DeVoe, assignors.)
Wise, Edmund M., Westfield, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Palladium-silver-platinum alloys. 2,129,721; Sept. 13.
"Wistra" Ofenbau-Gesellschaft m. b. H. (See Bartsch, Walter, assignor.)
Wittwer, Max. (See Schuette, H., Schoeller, and Wittwer.)
Wolf, Alexander, L. G. Cowles, and W. S. Richardson, Houston, Tex., assignors to The Texas Company, New York, N. Y. Vibration detector. 2,130,213; Sept. 13.
Wolford, Ray H. (See Sporn, P., Wolford, and Nein.)
Wood, Bert F. (See Goldsmith, C. L., and Wood.)
Wood, Henry A., Berkeley, Calif. Snubbing clamp and stand. 2,130,170; Sept. 13.
Wood, Joseph D., Bethlehem, Pa., assignor to Roller-Smith Company. Circuit breaker. 2,129,723; Sept. 13.
Woodhouse, John C., Cragmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of methacrylic acid. 2,129,722; Sept. 13.
Woodin, William H., Jr. (See Soller, Walter, assignor.)
Woodworth, Charles B., Port Dickinson, N. Y. Lifting jack. 2,129,806; Sept. 13.
Woolen, William, Chino, Calif. Fishhook holder. 2,130,112; Sept. 13.
Wotring, Royal R. (See King, J. H., and Wotring.)
Wright, Arthur G., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Microphone boom. 2,129,898; Sept. 13.
Wright, David H., New York, N. Y. Saddle girth. 2,130,214; Sept. 13.
Wurtele, Carl W., Chappell, Nebr. Attachment for lister disk furrow openers. 2,129,977; Sept. 13.
Wydler, Hermann, Berne, assignor to the firm Sauser A.-G., Soleure, Switzerland. Counting mechanism for use in a liquid dispensing apparatus. 2,130,257; Sept. 13.
Yagoda, Herman, assignor to Carl Schleicher & Schüll Co., Inc., New York, N. Y. Test paper. 2,129,754; Sept. 13.
Yawman & Erbe Mfg. Co. (See Roscoe, Edwin S., assignor.)
Yokoyama, Ko, Tokyo, Japan. Cylindrical foundation tube. 2,129,978; Sept. 13.
Yorke, James R. (See Hale, F. C., and Yorke.)
Young, James H., Elizabeth, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Transparent glass colors. 2,130,215; Sept. 13.
Young, John, Toledo, Ohio. Electrically actuated tool. 2,129,899; Sept. 13.
Zaninovich, George, Dinuba, Calif. Door locking bar. 2,130,216; Sept. 13.
Zellstofffabrik Waldhof. (See Haas, Rudolf, assignor.)
Zsamboky, Theodore A., Sharon, Pa. Slab piler. 2,130,171; Sept. 13.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 13TH DAY OF SEPTEMBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Candles, Making sanctuary. D. O. C. Deckert. Re. 20,854; Sept. 13.
Car, Box. W. L. Thomas. Re. 20,860; Sept. 13.
Circuit arrangement, Electric. R. K. Potter. Re. 20,859; Sept. 13.
Fender accessory. J. Haltenberger. Re. 20,857; Sept. 13.
Floor coverings, Producing felt base. N. L. Campbell. Re. 20,853; Sept. 13.
Guard, Hand. B. Moller. Re. 20,858; Sept. 13.
Lubricating apparatus. C. G. Butler. Re. 20,852; Sept. 13.
Matrices, Method and apparatus for preparing stereotype. H. Fankboner. Re. 20,855; Sept. 13.
Tool, Chipping and cutting. J. K. Graham. Re. 20,856; Sept. 13.

LIST OF DESIGN INVENTIONS

Arc welder. C. C. Lee. 111,208; Sept. 13.
Ashtray. M. Secan. 111,227; Sept. 13.
Base, Electric sign. J. M. Mattias. 111,209; Sept. 13.
Bassinet. A. G. Feldman. 111,245–7; Sept. 13.
Book end. E. Beer. 111,236; Sept. 13.
Bottle. W. S. Dunn. 111,242; Sept. 13.
Bottle. G. D. Runnels. 111,226; Sept. 13.
Bottle, Glass. A. C. Meyer. 111,212; Sept. 13.
Bottle, Milk. W. C. Teunisz. 111,311; Sept. 13.
Bottle or similar article, Glass syphon. T. D'Addario. 111,241; Sept. 13.
Bracelet or similar article, Seven sorrows. J. F. Stedman. 111,230; Sept. 13.
Buckle, Belt. R. Slote. 111,228; Sept. 13.
Cabinet or similar container for lubricants. A. P. Fox. 111,249; Sept. 13.
Capelet or similar article, Lace. R. Scheiwiller. 111,272; Sept. 13.
Case or similar article, Handerchief. S. Biondo and A. M. Langen. 111,275; Sept. 13.
Casing for shaving implements. E. Worthington. 111,232; Sept. 13.
Casserole or similar article. W. K. Titze. 111,314; Sept. 13.
Charm, Key. M. Jones. 111,262; Sept. 13.
Chopper, Food. H. E. A. Rable. 111,217; Sept. 13.
Coat. M. L. Romer. 111,293; Sept. 13.
Coat. J. A. Silverman. 111,294; Sept. 13.
Coat, Child's. B. Fischer. 111,282; Sept. 13.
Container or similar article, Condiment. W. K. Titze. 111,312–13; Sept. 13.
Desk. B. E. Richardson and R. W. Willey. 111,220–1; Sept. 13.
Dial and hands for a clock or similar article, Combined. H. A. Barge. 111,296; Sept. 13.
Diaper. J. R. Lankenau. 111,287–8; Sept. 13.
Dish or the like, Roasting ear. J. E. Gugenheim. 111,254; Sept. 13.
Dress. L. A. Andors. 111,235; Sept. 13.
Dress. J. Brenner. 111,297; Sept. 13.
Dress. L. Burke. 111,237–9; Sept. 13.
Dress. T. Coleman. 111,298–300; Sept. 13.
Dress. P. Fracchia. 111,250–2; Sept. 13.
Dress. P. Fracchia. 111,302–3; Sept. 13.
Dress. B. Fried. 111,304; Sept. 13.
Dress. L. Gold. 111,305–6; Sept. 13.
Dress. L. Hymen. 111,261; Sept. 13.
Dress. J. J. Kushner. 111,307–8; Sept. 13.
Dress. F. Laye. 111,263–4; Sept. 13.
Dress. E. Mast. 111,310; Sept. 13.
Dress. K. Rost. 111,225; Sept. 13.
Escutcheon plate for a combined radio tuning dial and control panel or the like. L. J. Leishman. 111,266; Sept. 13.
Evacuator for surgical and similar operations, Suction. S. M. Abbott. 111,233; Sept. 13.
Fabric or similar article, Textile. R. Scheiwiller. 111,267–71; Sept. 13.
Folder, Mailing. M. Jackson. 111,285; Sept. 13.
Glass, Drinking. J. E. Spence. 111,229; Sept. 13.
Grille, Lighting fixture. W. B. Petzold. 111,214; Sept. 13.
Handbag. S. R. Goldsmith. 111,284; Sept. 13.
Handle and frame for mirror or similar article, Combined. H. S. Berk. 111,274; Sept. 13.
Holder, Cigar. G. Cippico. 111,276; Sept. 13.
Holder, Cigarette. G. Cippico. 111,277; Sept. 13.
Jar, Preserving. N. D. Grasty. 111,253; Sept. 13.
Knocker, Door. R. Pryne. 111,215–16; Sept. 13.
Lace. H. A. Phillips. 111,291–2; Sept. 13.
Mirror or similar article, Illuminable. O. C. Ritz-Woller. 111,222–4; Sept. 13.
Pen, Fountain. N. D. Fish and M. Oehler. 111,301; Sept. 13.
Phonograph tone arm. J. O. Reinecke. 111,219; Sept. 13.
Pipe, Smoking. G. Cippico. 111,278; Sept. 13.
Pitcher or similar article. W. K. Titze. 111,231; Sept. 13.
Platter or similar article. G. J. Higginson. 111,255; Sept. 13.
Poker chip or similar article. F. W. Voges. 111,273; Sept. 13.
Printer enlarger or similar article, Photographic. G. Fassin. 111,244; Sept. 13.
Pumping unit or similar article. C. E. Mowry. 111,289; Sept. 13.
Rack, Color indicator necktie. J. C. McCurrach. 111,210; Sept. 13.
Scarf or similar article, Lace. H. A. Phillips. 111,290; Sept. 13.
Shade, Lamp. V. Nemeroff. 111,213; Sept. 13.
Shoe or similar article. N. Elkin. 111,279–81; Sept. 13.
Slip. S. Landau. 111,286; Sept. 13.
Slipper. J. Meltzer. 111,211; Sept. 13.
Store front. R. E. Smith. 111,295; Sept. 13.
Sweater. S. Levine. 111,309; Sept. 13.
Table and bath cabinet, Combined massage. I. C. Gellman. 111,283; Sept. 13.
Tank, Elevated. G. T. Horton. 111,256–60; Sept. 13.
Tassel, Cord. A. A. Radel. 111,218; Sept. 13.
Tool unit, Portable power-driven. F. O. Albertson. 111,234–5; Sept. 13.
Tray, Milk bottle. J. H. Everly. 111,243; Sept. 13.
Vehicle, Propelled. H. L. Forman. 111,248; Sept. 13.
Wheel and horn ring, Combined steering. I. R. Cherla. 111,240; Sept. 13.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 13TH DAY OF SEPTEMBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrasive articles, Manufacturing coated. H. C. Martin, F. A. Upper, and J. B. Aust. 2,129,954; Sept. 13.
Abrasive materials, Production of. N. P. Roble. 2,130,194; Sept. 13.
Abrasive sheet, Composite. A. L. Ball. 2,129,661; Sept. 13.
Acid fluorides, Sulphamic. G. Schrader and O. Bayer. 2,130,038; Sept. 13.
Acid, Manufacture of bromonaphthoic. D. A. W. Fairweather. 2,129,917; Sept. 13.
Acids and their salts and the preparation thereof, Mercurized halogen methane sulphonic. A. Binz and B. Hughes. 2,129,988; Sept. 13.
Acoustical tile clip. L. F. Urbain. 2,129,975; Sept. 13.
Adjustable seat. W. R. Lustig. 2,129,952; Sept. 13.
Air cleaner. W. W. Lowther. 2,130,142; Sept. 13.
Air conditioning apparatus. H. L. Galson. 2,130,327; Sept. 13.
Air-conditioning system. W. S. Rugg and H. D. James. 2,130,157; Sept. 13.
Aircraft structure. A. P. de Seversky. 2,129,824; Sept. 13.
Alcohol, Treatment of polyvinyl. W. W. Watkins. 2,130,212; Sept. 13.
Alloys, Palladium-silver-platinum. E. M. Wise. 2,129,721; Sept. 13.
Aminoanthraquinones, Anthraquinonoyl. J. Deinet. 2,129,993; Sept. 13.
Ammunition and firearm. H. Rost. 2,129,875; Sept. 13.
Amplifying relay system. W. Soller. 2,129,710; Sept. 13.
Amplitude modulation system. A. J. Rack. 2,129,870; Sept. 13.
Amusement device. F. Alva. 2,129,981; Sept. 13.
Amusement device. C. A. Phelps. 2,130,280; Sept. 13.
Anchor, Stockless. E. Duerr. 2,130,120; Sept. 13.
Antenna for an airplane with a metallic body. A. Leib. 2,129,852; Sept. 13.
Antirattling device and lock for windows. C. Pearson. 2,129,957; Sept. 13.
Apparatus for forming blind stitched facings. C. Seaman. 2,130,198; Sept. 13.
Apparatus for regulating the duration of the fuel injection in explosion chambers. H. Holzwarth. 2,129,691; Sept. 13.
Applicator. S. M. Lewis. 2,130,305; Sept. 13.
Apron, Barber's. H. C. Bonsignore. 2,129,644; Sept. 13.
Article and making same. S. B. Devlin and J. Hulemann. 2,129,731; Sept. 13.
Attachment for lister disk furrow openers. C. W. Wurtele. 2,129,977; Sept. 13.
Auditing and tabulating system, Automatic. M. L. Nelson. 2,129,743; Sept. 13.
Automobile bodies for shipment, Loading. N. M. Loney. 2,129,950; Sept. 13.
Automobile control mechanism. R. K. Lee. 2,129,851; Sept. 13.
Automobile suspension system. M. Olley. 2,130,288; Sept. 13.
Axle spring pad. G. A. Dougherty. 2,129,656; Sept. 13.
Back guard assembly and lamp for ranges. J. G. Hoff. 2,130,328; Sept. 13.
Bag: *See*—
Decorative bag.
Bag filling machine. H. S. Gay. 2,130,005; Sept. 13.
Bags, Process and apparatus for the production of flat. C. Holweg. 2,129,842; Sept. 13.
Bailer, Oil and gas saving. A. D. Purtle and J. R. Broadwater. 2,130,026; Sept. 13.
Balancing machine. H. G. Dybvig. 2,130,122; Sept. 13.
Bandit or burglar trap. C. L. Goldsmith and B. F. Wood. 2,130,301; Sept. 13.
Bar: *See*—
Locking bar.
Basket, Centrifugal. J. F. Tholl. 2,130,205; Sept. 13.
Battery electrode and making the same, Storage. J. A. Schaefer and H. R. Harner. 2,130,105; Sept. 13.
Battery plate and composition therefor, Storage. J. A. Schaefer and H. R. Harner. 2,130,103; Sept. 13.
Battery plate and making the same, Storage. J. A. Schaefer and H. R. Harner. 2,130,104; Sept. 13.
Beam lock. M. E. Tanner. 2,130,203; Sept. 13.
Bean flakes, Producing soy. F. F. Hasbrouck. 2,130,087; Sept. 13.
Bearing: *See*—
Roller bearing.
Bearing and gasket material, Making. E. F. Kiefer. 2,129,844; Sept. 13.
Bearing cage, Roller. C. S. Brown. 2,130,295; Sept. 13.
Beater for paper stock. C. R. Seaborne. 2,129,789; Sept. 13.
Belt, Conveyer. A. Loges. 2,129,853; Sept. 13.
Benzol and naphthalene from gases, Removal and recovery of. A. Schmalenbach. 2,129,787; Sept. 13.
Binder, Loose leaf. A. E. Viens. 2,129,799; Sept. 13.
Bleaching method. G. P. Vincent. 2,129,719; Sept. 13.
Block: *See*—
Inflated hat block.
Block for internal combustion engines, Built-up cylinder. W. E. Brill. 2,129,906; Sept. 13.
Blower. O. D. H. Bentley. 2,129,808; Sept. 13.
Blower. J. E. Whitfield. 2,130,054; Sept. 13.
Blowpipe. J. H. Bucknam. 2,129,672; Sept. 13.
Board: *See*—
Spelling board.
Boat. J. A. Scruggs. 2,129,788; Sept. 13.
Boat propelling apparatus. H. E. Fromm. 2,130,125; Sept. 13.
Bobbin support. C. D. Brown. 2,130,062; Sept. 13.
Bobbin supporting device. C. D. Brown. 2,130,315; Sept. 13.
Box: *See*—
Display box.
Box lidding machine. H. E. Twomley. 2,129,974; Sept. 13.
Box structure. J. Meier. 2,130,019; Sept. 13.
Brake: *See*—
Fifth wheel brake. Fish reel brake.
Brake control, Automatic trailer. W. D. Stong. 2,129,715; Sept. 13.
Brake equalizer. H. Espinosa. 2,130,179; Sept. 13.
Brake lever. H. S. Jandus. 2,130,187; Sept. 13.
Braking system, Vehicle. N. P. Larsen and H. J. Troche. 2,130,140; Sept. 13.
Brush control, Commutator. R. Fouques and J. Lenfant. 2,129,757; Sept. 13.
Brush, Fountain. A. W. Beaurline. 2,130,223; Sept. 13.
Buckle, Slide. D. I. Reiter. 2,129,872; Sept. 13.
Buffing compound. W. K. Griesinger. 2,130,128; Sept. 13.
Bunch builder attachment for winding machines. J. M. Burnett. 2,130,067; Sept. 13.
Burial apparatus. B. F. Austin. 2,130,056; Sept. 13.
Burner: *See*—
Tube burner.
Button with detachable head, Collar. H. S. Christophersen. 2,130,263; Sept. 13.
Cabin structure, Log. E. A. Forcier. 2,130,231; Sept. 13.
Cabinet: *See*—
Refrigerator cabinet.
Cabinet door latch. S. J. Henderson. 2,130,302; Sept. 13.
Cable outlet, Parkway. G. Gort. 2,129,837; Sept. 13.
Cage. C. E. Sacre. 2,129,786; Sept. 13.
Camera. G. B. Pollock. 2,129,959; Sept. 13.
Camera support, Portable. M. Burlin. 2,130,262; Sept. 13.
Cap: *See*—
Hub cap.
Car truck. A. Christianson and O. Jabelmann. 2,129,910–11; Sept. 13.
Card holder. W. N. Rumbold. 2,129,876; Sept. 13.
Carpet washing machine. J. S. Thompson. 2,129,797; Sept. 13.
Carton. C. J. Alfred. 2,129,980; Sept. 13.
Case: *See*—
Refrigerator display case.
Catalysis. E. J. Houdry. 2,129,693; Sept. 13.
Cathode filament control for X-ray tubes. H. B. McEuen. 2,130,020; Sept. 13.
Ceiling structure. E. C. Marqua. 2,130,285; Sept. 13.
Centering device. A. A. Durant. 2,129,680; Sept. 13.
Centrifugal extractor. A. Schellenberg. 2,130,160; Sept. 13.
Centrifugal separator. A. De Mattia. 2,129,992; Sept. 13.
Centrifuge for separating the petroleum oil from sulphuric acid, Operation of a. A. A. Wells and D. F. Edwards. 2,129,751; Sept. 13.
Chain: *See*—
Tire chain.
Chair. C. H. Oermann. 2,130,022; Sept. 13.
Cigar bunching machine. H. Enfield. 2,129,997; Sept. 13.
Cigarette ejecting strip with a cigarette package, Shaping and associating a. B. J. Tamarin. 2,129,888; Sept. 13.
Cigarette package. F. X. Malocsay. 2,129,701; Sept. 13.
Cigarette package and opener and ejector therefor, Combination. B. J. Tamarin. 2,129,887; Sept. 13.
Cigarette rolling device. A. O. Weinman. 2,130,052; Sept. 13.

Cigarette, Self-lighting. J. Biddle. 2,130,115; Sept. 13.
Circuit: *See*—
Rectifier circuit.
Circuit alternator, Electric. C. P. Sorensen. 2,129,747; Sept. 13.
Circuit breaker. J. D. Wood. 2,129,723; Sept. 13.
Circuit breaker, Vacuum. H. Vatter. 2,129,892; Sept. 13.
Circuit closer. S. J. Polta and H. V. Holz. 2,130,290; Sept. 13.
Circular chaser die, Positive acting. A. E. Drissner. 2,130,119; Sept. 13.
Clamp and stand, Snubbing. H. A. Wood. 2,130,170; Sept. 13.
Clamp device. F. C. Schnabel. 2,130,035; Sept. 13.
Cleaner: *See*—
Air cleaner.
Clinometer. J. C. Karnes. 2,129,695; Sept. 13.
Clip: *See*—
Acoustical tile clip.
Clip and channel. L. F. Urbain and F. W. Cherry. 2,129,976; Sept. 13.
Clock and thermostatic dial for same, Electric time. W. Sambur and A. Nissenfeld. 2,129,878; Sept. 13.
Closure and making the same, Collapsible tube. J. Hansen. 2,129,687; Sept. 13.
Closure for collapsible tubes. D. C. Maddux. 2,130,284; Sept. 13.
Closure for collapsible tubes. C. Romati and L. Lanzetti. 2,129,873; Sept. 13.
Closure, Glass block. H. I. Fogelberg. 2,129,921; Sept. 13.
Clutch: *See*—
Friction clutch.
Clutch for power transmitting devices. J. G. Tyken. 2,129,891; Sept. 13.
Coal, Coloring. G. Barsky and W. C. Hansen. 2,129,902; Sept. 13.
Coal, Coloring. W. F. Glinsmann. 2,129,901; Sept. 13.
Coating, Colored silicate. C. E. Hillers. 2,129,841; Sept. 13.
Coating composition, Cellulose derivative. C. H. Humphries. 2,130,238; Sept. 13.
Coating for ice cream bars, Making a. A. A. Schildberger. 2,129,881; Sept. 13.
Coating, Process of and apparatus for applying nitrocellulose. E. M. Bright. 2,130,225; Sept. 13.
Coatings, Production of chemically resilient rubber. H. H. Harkins. 2,130,008; Sept. 13.
Colors, Transparent glass. J. H. Young. 2,130,215; Sept. 13.
Communication system. H. J. Nichols and H. L. Tholstrup. 2,129,779; Sept. 13.
Composition of rubber and chlorinated diphenyl, Plastic. F. M. Clark and J. H. Koenig. 2,130,264; Sept. 13.
Compressor, Rotary. H. A. Presby. 2,129,960; Sept. 13.
Concentrator, Dry. J. Ross. 2,129,874; Sept. 13.
Condenser: *See*—
Electrolytic condenser.
Condensation products, Production of new high molecular sulphur-containing. H. Schuette, C. Schoeller and M. Wittwer. 2,129,709; Sept. 13.
Condiment holder. L. Heebner. 2,130,275; Sept. 13.
Connecter: *See*—
Electrical connecter.
Connection, Combination bumper guard and draft. H. J. Strubs. 2,130,108; Sept. 13.
Container: *See*—
Dispensing container. Roof container.
Container. D. Henderson. 2,129,839; Sept. 13.
Container. S. Smith. 2,129,793; Sept. 13.
Control for conveyers, Automatic traffic. G. J. Sibley. 2,130,330; Sept. 13.
Converter for use with dielectric guides, Wave type. G. C. Southworth. 2,129,714; Sept. 13.
Conveyer feeder, Vibrated. A. T. Hendrix. 2,129,688; Sept. 13.
Conveyer system. W. J. Lueckel. 2,130,323; Sept. 13.
Cooling system for internal combustion engines. G. Knochenhauer. 2,129,846; Sept. 13.
Cooling unit. J. H. Dennedy. 2,130,331; Sept. 13.
Core drill. J. B. Newsom. 2,130,192; Sept. 13.
Corn shredding mechanism. G. Pickel. 2,130,312; Sept. 13.
Cotter for roller chains. J. M. Bryant. 2,130,063; Sept. 13.
Counting mechanism for use in a liquid dispensing apparatus. H. Wydler. 2,130,257; Sept. 13.
Coupler for lubricators. R. P. Glose. 2,129,682; Sept. 13.
Coupling system. A. W. Barber. 2,129,727; Sept. 13.
Coupling with disconnecter. E. C. Meyer. 2,129,704; Sept. 13.
Cover: *See*—
Ship's hatch cover.
Craft, Lifesaving. R. T. G. Mason. 2,129,742; Sept. 13.
Cream base, Cosmetic. H. Goodman. 2,129,836; Sept. 13.
Crib attachment, Drop-side. N. J. Craddock. 2,130,268; —Sept. 13.
Crushing and mixing, Process of and machine for. P. B. Bucky. 2,130,064; Sept. 13.
Crystallization method. W. E. Burke, W. H. Allen, R. B. Peet, C. F. Ritchie, and W. A. Gale. 2,130,065; Sept. 13.
Curler, Eyelash. L. Eisenman. 2,129,755; Sept. 13.
Current conductor support. L. S. Nergaard. 2,130,309; Sept. 13.
Cutting apparatus. A. Tapparo. 2,130,045; Sept. 13.
Cylindrical foundation tube. K. Yokoyama. 2,129,978; Sept. 13.
Dam. P. Subkow and L. B. Beckwith. 2,130,044; Sept. 13.
Decorative bag. A. Dennis. 2,129,654; Sept. 13.
Decoy apparatus. P. J. Park. 2,129,781; Sept. 13.
Defroster. J. A. Schrader. 2,130,036; Sept. 13.
Dental articulator. E. J. Franwick. 2,130,083; Sept. 13.
Dental impressions, Method and apparatus for cooling. R. Berkson. 2,129,987; Sept. 13.
Dental or like drill. H. Hollmann. 2,129,843; Sept. 13.
Device for sterilizing barber's duster brush. R. R. McGrath. 2,129,777; Sept. 13.
Dextrose, Crystallizing. W. B. Newkirk. 2,129,864; Sept. 13.
Die collet, Interchangeable. K. A. Kuhn. 2,129,848; Sept. 13.
Disher, Ice cream. J. D. Wilhoit. 2,129,753; Sept. 13.
Disk meter. E. M. Krueger. 2,129,943; Sept. 13.
Dispenser: *See*—
Paste dispenser.
Dispenser. F. E. Smith. 2,129,971; Sept. 13.
Dispensing container. A. J. Chamberlain. 2,129,819; Sept. 13.
Display box. J. R. Samuel. 2,129,879; Sept. 13.
Display device. R. M. Carnes and R. E. Gearhart. 2,129,647; Sept. 13.
Display device. J. Schick. 2,130,197; Sept. 13.
Display device and manufactured blank therefor, Light reflecting. G. R. Wilson. 2,130,256; Sept. 13.
Distortion indicating and measuring device. F. A. Cowan. 2,129,823; Sept. 13.
Door construction, Stove. F. H. Schneider. 2,129,750; Sept. 13.
Dough lapping machine. K. D. Loose, C. W. Watkins and J. W. Green. 2,130,097; Sept. 13.
Draw press. O. Kühner. 2,129,774; Sept. 13.
Drawer and the like. E. S. Roscoe. 2,129,965; Sept. 13.
Drawing instrument. J. T. Jones, Jr. 2,130,135; Sept. 13.
Dress, Wrap-around. G. D. Durocher. 2,129,830; Sept. 13.
Drill: *See*—
Core drill. Dental or like drill.
Drum type indicator. L. B. Bacon. 2,129,984; Sept. 13.
Drying apparatus. L. E. Olcott, C. C. Soper, K. W. Gasche, and W. T. Runals. 2,130,246; Sept. 13.
Dust-Collecting attachment. R. E. Goodenough. 2,130,232; Sept. 13.
Dyestuff intermediates of the anthraquinone series. W. L. Rintelman. 2,130,031; Sept. 13.
Dyestuff, Manufacture of a new anthraquinone vat. F. Irving and C. Shaw. 2,129,934; Sept. 13.
Dyestuffs, Azine. F. H. S. Curd. 2,129,678; Sept. 13.
Dyestuffs, Azo. H. Roos. 2,129,964; Sept. 13.
Dyestuffs, Manufacture of new azine. F. H. S. Curd. 2,129,677; Sept. 13.
Dyestuffs of the dioxazine series and preparing them. G. Kränzlein, H. Greune, and G. Langbein. 2,130,016; Sept. 13.
Ear retarder for corn huskers. M. W. Roscoe. 2,129,744; Sept. 13.
Electric arc lamp, Enclosed. E. Lemmers. 2,130,304; Sept. 13.
Electric control system. A. S. Fitz Gerald. 2,129,920; Sept. 13.
Electrical connecter. C. H. Bissell. 2,129,811; Sept. 13.
Electrical converter system. A. L. Swigart. 2,129,885; Sept. 13.
Electrical precipitator for atmospheric dust. G. W. Penney. 2,129,783; Sept. 13.
Electrical resistance unit. K. E. Rollefson. 2,130,156; Sept. 13.
Electrical switch. A. J. Kercher. 2,129,773; Sept. 13.
Electrically actuated tool. J. Young. 2,129,899; Sept. 13.
Electrolytic condenser. C. de Lange and A. F. P. J. Claassen. 2,130,073; Sept. 13.
Electromechanical recorder. E. B. D. Mackenzie. 2,129,776; Sept. 13.
Electron discharge device. K. Fritz. 2,130,124; Sept. 13.
Electron discharge device. J. P. Laico. 2,129,849; Sept. 13.
Electron discharge device and circuit. W. L. Meier. 2,130,191; Sept. 13.
Electron discharge tube. M. Knoll. 2,130,280–1; Sept. 13.
Electron multipliers, Regulation of magnetic. T. B. Perkins. 2,130,152; Sept. 13.
Emulsifying agent, Forming an. R. R. Thurston. 2,130,326; Sept. 13.
Energizing system for discharge tubes. E. G. Dorgelo. 2,130,077; Sept. 13.
Energy effects by guided electric waves in a dielectric medium, Transmission of. G. C. Southworth. 2,129,712; Sept. 13.
Engine: *See*—
Internal combustion engine.
Engraving block attachment for holding hollow ware. S. S. Mullins. 2,130,286; Sept. 13.

Envelope. H. H. Reineman. 2,129,705; Sept. 13.
Envelopes and method relating thereto, Apparatus for feeding. W. Ritzerfeld. 2,130,101; Sept. 13.
Envelopes or the like, Forming window. R. L. Gray. 2,129,686; Sept. 13.
Eraser holder. A. S. Dysart. 2,129,831; Sept. 13.
Ester foils or sheets, Production of cellulose. K. Nagel and L. Scheffer. 2,130,149; Sept. 13.
Esters from impure phthalic acid, Production of phthalic. A. O. Jaeger and H. J. West. 2,130,014; Sept. 13.
Esters of cellulose, Saponification of organic. H. Dreyfus. 2,129,995; Sept. 13.
Esters of methacrylic acid. H. J. Barrett and D. E. Strain. 2,129,662–8; Sept 13.
Esters of methacrylic acid. G. D. Graves. 2,129,685; Sept. 13.
Esters of methacrylic acid. E. F. Izard. 2,129,694; Sept. 13.
Esters of methacrylic acid. J. C. Woodhouse. 2,129,722; Sept. 13.
Fabric feeding system. S. Cohn. 2,130,118; Sept. 13.
Fabrics, Napping textile. L. A. Runton. 2,129,707; Sept. 13.
Facing, Interchangeable. J. P. Franchetti. 2,129,922; Sept. 13.
Fatty compounds, Apparatus and method for sulphonating. D. S. Whiteman. 2,129,896; Sept. 13.
Feed mechanism for tabulating machines. L. Jensen. 2,130,015; Sept. 13.
Feeder: *See*—
Conveyer feeder.
Feeding mechanism. M. D. Heyman. 2,130,235; Sept. 13.
Fertilizers from dolomite, Producing magnesia and nitrogenous. O. Kippe. 2,130,240; Sept. 13.
Fifth wheel brake. J. Fusetti and J. Tamea. 2,130,004; Sept. 13.
Film viewing device. I. E. Goldman. 2,129,759; Sept. 13.
Film, Winding roll. A. Knodel. 2,129,847; Sept. 13.
Filter. J. R. Nooney. 2,130,287; Sept. 13.
Filter. H. J. Somers. 2,130,107; Sept. 13.
Filter contrivance for the removal of impurities from gaseous or liquid media. W. Bartsch. 2,129,985; Sept. 13.
Firearm, Tubular magazine repeating. C. E. Blizard. 2,129,729; Sept. 13.
Fire protecting device for air cooled engines. J. G. Dintilhac. 2,129,826; Sept. 13.
Fireworks. A. Cimorosi. 2,130,068; Sept. 13.
Fishhook holder. W. Woolen. 2,130,112; Sept. 13.
Fishline drying reel. E. Erickson. 2,129,916; Sept. 13.
Fish reel brake. L. Benson. 2,129,903; Sept. 13.
Fitting, Oil supply. W. M. Harks. 2,130,085; Sept. 13.
Fixture, Article assembling. H. S. Pike. 2,129,869; Sept. 13.
Flexure means for cementitious structures. J. Huddleston. 2,129,932; Sept. 13.
Floor for vehicles, Moving. H. W. Swift. 2,129,796; Sept. 13.
Flowerpot. G. Haglund. 2,130,234; Sept. 13.
Flowers, Making of artificial. C. von Brun. 2,130,209; Sept. 13.
Fluid distributing system and apparatus. H. N. Fall. 2,129,918; Sept. 13.
Fluid machine. C. A. Skärlund. 2,130,037; Sept. 13.
Fluids, Heating of. M. W. Barnes. 2,129,900; Sept. 13.
Follower machine. M. Turchan. 2,130,109; Sept. 13.
Fondant, Making. C. S. Miner. 2,129,859; Sept. 13.
Food impelling mechanism. J. D. Ferry. 2,130,082; Sept. 13.
Foot, Artificial. W. Eastham. 2,130,271; Sept. 13.
Fowl, Processing. O. E. Sargent and J. R. Pichinino. 2,129,968; Sept. 13.
Friction clutch. L. Knöchl. 2,130,139; Sept. 13.
Friction element. R. E. Spokes. 2,129,794; Sept. 13.
Fringe, Making a rug. C. F. Arnold. 2,129,636; Sept. 13.
Fruit for market, Preparing fresh. J. E. Johnson. 2,129,936; Sept. 13.
Fuels into internal combustion engines, Injecting a plurality of motor. E. E. Hans. 2,129,930; Sept. 13.
Furnace control device. J. Q. House. 2,130,133; Sept. 13.
Fuse. E. J. Hottinger. 2,129,692; Sept. 13.
Game. E. Ebert. 2,130,123; Sept. 13.
Game apparatus, Projectile. C. W. Walters. 2,130,050; Sept. 13.
Garment hanger. A. D. Reed. 2,129,871; Sept. 13.
Gas-dust mixtures, Separation and gas treatment of. K. von Haken. 2,130,210; Sept. 13.
Gas heater. H. W. Hart. 2,130,086; Sept. 13.
Gas, Making. W. Tiddy, C. H. Hughes, and R. P. Oliveros. 2,130,163; Sept. 13.
Gasket, Laminated metal and asbestos. J. H. and J. B. Victor. 2,130,110; Sept. 13.
Gasket, Sealing. J. D. Lewis. 2,130,017; Sept. 13.
Gate apparatus for surface irrigation pipes. S. Frey. 2,129,758; Sept. 13.
Gear: *See*—
Switch gear.
Gear cutting machine, Helical. A. Aeppli. 2,130,055; Sept. 13.
Gear generating machine. E. W. Miller. 2,129,858; Sept. 13.
Generator: *See*—
Magnetron generator.
Getter for vacuum tubes. E. A. Lederer. 2,130,190; Sept. 13.
Girdle for twin-tired wheels. D. S. Kennedy. 2,130,277; Sept. 13.
Glass, Apparatus for grinding and polishing strips of. F. B. Waldron and J. H. Griffin. 2,130,255; Sept. 13.
Glove, Boxing. R. E. Smith. 2,130,200; Sept. 13.
Goggles. R. G. Dispenza. 2,130,270; Sept. 13.
Goggles. C. Fischer. 2,130,127; Sept. 13.
Grinder, Crankshaft. E. Fuglie and O. Oelkers. 2,130,003; Sept. 13.
Grinding machine. F. Neugart. 2,130,021; Sept. 13.
Guard, Linotype squirt. W. J. Miller. 2,130,308; Sept. 13.
Guard, Pick-out. A. A. and M. L. Rudolph. 2,130,102; Sept. 13.
Guard, Swift. G. S. Tompkins. 2,130,253; Sept. 13.
Guide eye, Automatic self-centering. J. J. Dunleavy. 2,130,121; Sept. 13.
Gun, Dispensing. J. M. Wallace. 2,129,801; Sept. 13.
Gun for oil wells, Perforating. F. C. Kniss. 2,130,138; Sept. 13.
Gyrocompass, Air-borne. L. F. Carter. 2,129,818; Sept. 13.
Hack and puller, Turpentine. W. A. Sessoms. 2,129,790; Sept. 13.
Halo-substitution of unsaturated organic compounds. H. P. A. Groll, G. Hearne, J. Burgin, and D. S. La France. 2,130,084; Sept. 13.
Handhold. H. G. Lewis. 2,130,283; Sept. 13.
Hanger: *See*—
Garment hanger. Shoe hanger.
Hanger. O. McGovern. 2,130,307; Sept. 13.
Hardness testing instrument. H. W. Dietert. 2,130,269; Sept. 13.
Harrow. P. L. Donovan. 2,129,827; Sept. 13.
Hat. G. M. Trumbull. 2,129,798; Sept. 13.
Heat control apparatus, Oil burner. G. C. Carpenter. 2,129,817; Sept. 13.
Heater: *See*—
Gas heater. Orchard heater.
Heat-resisting object containing iron and aluminum. W. Hessenbruch. 2,129,840; Sept. 13.
Hinge for motor vehicle bodies, Concealed. V. M. Naert. 2,129,862; Sept. 13.
Hold-down for spring rail frogs. J. C. Gerlach. 2,129,734; Sept. 13.
Holder: *See*—
Card holder. Eraser holder.
Condiment holder. Fishhook holder.
Holder for headrests, Napkin. J. H. Abbott. 2,130,217; Sept. 13.
Hook for motor vehicles, Towing. A. G. Scammell and O. D. North. 2,129,745; Sept. 13.
Hosiery and making the same. E. C. Lochhead. 2,130,018; Sept. 13.
Hub cap, Nonrotatable. G. D. Ball and C. L. Tumulty. 2,130,220; Sept. 13.
Hydrocarbons from gaseous olefines, Production of liquid. T. Cross, Jr., and S. C. Fulton. 2,129,649; Sept. 13.
Hydrocarbons from gaseous olefines, Production of liquid. S. C. Fulton and T. Cross, Jr. 2,129,732–3; Sept. 13.
Hydroxy benzenoid compounds and tetravalent sulphur compounds against metal catalysts, Stabilization of. M. S. Kharasch. 2,130,322; Sept. 13.
Illuminated sign. G. W. Owen. 2,130,023; Sept. 13.
Incubator. F. E. Stover. 2,130,043; Sept. 13.
Index mechanism. K. C. Allison and E. J. Mastney. 2,130,219; Sept. 13.
Indicator: *See*—
Drum type indicator.
Inflated hat block. G. F. Wilhelm. 2,129,720; Sept. 13.
Insect exterminator. G. H. Slaughter. 2,130,041; Sept. 13.
Insulation material, Manufacture of. J. C. Kershaw. 2,130,091; Sept. 13.
Intaglio printing press. H. J. Luehrs. 2,129,698–9; Sept. 13.
Internal combustion engine. H. S. Lamb. 2,129,946; Sept. 13.
Iron and for the manufacture of ferromanganese, Product for improving the quality of cast. H. R. Clarke. 2,130,228; Sept. 13.
Iron, Manufacture of wrought. E. B. Story and E. P. Best. 2,129,716–18; Sept. 13.
Jack: *See*—
Lifting jack.
Jar closure, Fruit. G. W. Killin, Jr. 2,130,136; Sept. 13.
Jig, Ore. B. R. Storsand. 2,129,795; Sept. 13.
Joint for roofing and the like, Lap. E. S. Lawrence and G. G. McGlaughlin. 2,130,189; Sept. 13.
Journal box waste grab preventing means. W. T. Bissell. 2,129,812; Sept. 13.
Kit for personal wear. D. Du Pont. 2,129,915; Sept. 13.
Knitting machine. A. Hoitz. 2,130,236; Sept. 13.
Lamination. I. Gurwick. 2,129,929; Sept. 13.
Lamp: *See*—
Electric arc lamp.
Lamp attachment means. I. W. Brogger. 2,129,814; Sept. 13.

Lamp flasher. O. M. Shattuck and M. E. Fulk. 2,129,882; Sept. 13.
Last, Shoe. P. Selendi. 2,130,199; Sept. 13.
Latch: *See*—
Cabinet door latch. Refrigerator latch.
Lavatory unit. G. Sakier. 2,130,196; Sept. 13.
Leaching-precipitation-flotation process. H. E. Keyes. 2,130,278; Sept. 13.
Leather, Decorating. W. H. Barrett. 2,130,222; Sept. 13.
Leather, Decorating and decorated. W. H. Barrett. 2,130,221; Sept. 13.
Leather, Manufacture of. G. Mauthe and H. Noerr. 2,129,854; Sept. 13.
Lens testing instrument. E. D. Tillyer. 2,129,889; Sept. 13.
Lifting jack. C. B. Woodworth. 2,129,806; Sept. 13.
Lighter, Cigar. J. Sinko. 2,129,791–2; Sept. 13.
Lighting device. J. Baughman and J. Venetta. 2,129,641; Sept. 13.
Link, Cuff. H. E. Augenstein. 2,129,640; Sept. 13.
Liquid, Apparatus for dispensing. A. E. Ladewig. 2,129,944; Sept. 13.
Liquid cooling and transporting system. H. A. Middleton. 2,129,778; Sept. 13.
Liquid dispensing. B. Johnsen. 2,129,770; Sept. 13.
Liquid treating and handling apparatus. C. Mortensen. 2,130,098; Sept. 13.
Loading machine. G. G. Bennett and W. J. Dallas. 2,130,057; Sept. 13.
Lock: *See*—
Beam lock.
Lock. H. G. Rubner. 2,129,967; Sept. 13.
Lock for cameras, Automatic cable-release. G. Everhart. 2,129,998; Sept. 13.
Locking and latching means. A. M. Bier. 2,129,810; Sept. 13.
Locking bar, Door. G. Zaninovich. 2,130,216; Sept. 13.
Locking device for electrical plug and socket arrangement. L. N. Davis. 2,129,914; Sept. 13.
Lock-pin construction for fixed bridgework. C. D. Morton. 2,129,861; Sept. 13.
Locomotive with pneumatic transmission by means of a mixture of compressed air and steam. L. Neumann. 2,130,310; Sept. 13.
Loom harness, Jacquard. J. J. Kaufmann. 2,129,940; Sept. 13.
Lubricant injecting tool. H. W. Hazelip. 2,130,009; Sept. 13.
Machine for applying closures to or removing them from bottles and other containers. A. Clarke. 2,130,317; Sept. 13.
Machine for napping or sueding textile fabrics. L. A. Runton. 2,129,877; Sept. 13.
Magneto assembly. P. E. Mack. 2,129,953; Sept. 13.
Magnetogenerator for internal combustion engines. G. D. Cerf. 2,130,316; Sept. 13.
Magnetron. H. E. Hollmann. 2,130,132; Sept. 13.
Magnetron generator. K. Fritz. 2,130,002; Sept. 13.
Marking apparatus. S. Kauffman and G. G. Doss. 2,130,188; Sept. 13.
Mat, Bumper. J. H. King and R. R. Wotring. 2,129,941; Sept. 13.
Mat, sign, or the like, Decorative. A. Holt. 2,130,183; Sept. 13.
Match packet. M. Greenman. 2,130,273; Sept. 13.
Material, Heat treating powdered. C. L. Riley. 2,130,154; Sept. 13.
Material working apparatus. J. S. Stull. 2,129,883; Sept. 13.
Materials, Manufacture of artificial. T. H. Hilliard. 2,129,737; Sept. 13.
Measuring device. J. H. Welter. 2,129,895; Sept. 13.
Measuring device. C. Westervelt, G. L. Storm, and A. Kaufmann. 2,129,979; Sept. 13.
Meat, Defrosting. G. A. Hormel. 2,130,237; Sept. 13.
Meat package. H. C. Eckrich and H. J. Eckrich, Sr. 2,129,832; Sept. 13.
Mechanism for feeding blanks. L. J. Pulse. 2,130,291; Sept. 13.
Merchandise vending machine. H. E. Williams. 2,129,897; Sept. 13.
Metal products, Apparatus for producing. J. M. Merle. 2,129,703; Sept. 13.
Metal products, Making. J. M. Merle. 2,129,702; Sept. 13.
Metallurgical process. W. E. Greenawalt. 2,129,760; Sept. 13.
Meter: *See*—
Disk meter. Parking meter.
Multirate meter.
Microphone boom. A. G. Wright. 2,129,898; Sept. 13.
Milling machine. W. Hucal. 2,130,012; Sept. 13.
Minerals, hydrocarbons, and the like from associated materials, Separating. J. M. McClave. 2,130,144; Sept. 13.
Mixtures, Separating high molecular. O. H. Milmore. 2,130,147; Sept. 13.
Modulation system for ultra-short waves. J. G. Chaffee. 2,129,820; Sept. 13.
Mold and making the same. F. Louisot. 2,129,697; Sept. 13.
Molding composition. E. H. G. Sargent. 2,129,749; Sept. 13.
Mop control, Fountain. L. C. Byars. 2,129,816; Sept. 13.
Morpholine and certain homologues thereof, Manufacture of. A. L. Wilson. 2,129,805; Sept. 13.
Motor: *See*—
Vapor motor.
Motor and transmission mounting, Combined. W. T. Dunn. 2,129,829; Sept. 13.
Motor vehicle. T. E. M. Wheat. 2,129,804; Sept. 13.
Mounting for air circulator devices. H. C. Hueglin. 2,129,933; Sept. 13.
Mower hitch, Lawn. H. L. Blydenburgh. 2,130,116; Sept. 13.
Multirate meter. P. Sporn, R. H. Wolford, and W. C. Nein. 2,130,201; Sept. 13.
Musical instrument. J. C. N. Richards. 2,130,251; Sept. 13.
Musical instrument, Stringed. G. D. Beauchamp. 2,130,174; Sept. 13.
n-Propylmethacrylate. R. Hill. 2,129,690; Sept. 13.
Navigational instruments. J. M. Boykow. 2,130,224; Sept. 13.
Necktie attachment. H. O. Draper. 2,129,657; Sept. 13.
Necktie rack, Garment container. W. H. Bracken. 2,129,905; Sept. 13.
Non-sugars from liquid saccharine materials, Recovery of. G. T. Reich. 2,130,029; Sept. 13.
Nozzle and making the same. J. L. Barnes. 2,130,173; Sept. 13.
Nozzle, Blowpipe. F. C. Geibig. 2,129,681; Sept. 13.
Nucleosides by fermentation, Manufacture of. H. Bredereck. 2,130,061; Sept. 13.
Nut shelling machine. P. Dragon. 2,129,679; Sept. 13.
Oil control device. R. W. Johnson. 2,129,937; Sept. 13.
Oil treatment, Hydrocarbon. S. W. Ferris. 2,130,126; Sept. 13.
Oils, Conversion of hydrocarbon. J. M. Barrow. 2,130,313; Sept. 13.
Oils, Conversion of hydrocarbon. J. B. Heid. 2,129,931; Sept. 13.
Oils, Production of lubricating. M. Pier and F. Christmann. 2,130,024; Sept. 13.
Olefine chlorohydrins, Manufacture of. E. C. Britton, H. S. Nutting, and M. E. Huscher. 2,130,226; Sept. 13.
1-acidylamino-2-methyl-4-aminoanthraquinones. J. Deinet. 2,129,991; Sept. 13.
Opener, Receptacle. H. W. Rueger. 2,129,785; Sept. 13.
Orchard heater. R. R. Bruner and L. R. Redden. 2,130,227; Sept. 13.
Ortho-, meta, and para-phenylphenols, Separation of. E. C. Britton. 2,129,908; Sept. 13.
Oscillation system and method, High frequency. G. C. Southworth. 2,129,713; Sept. 13.
Oscillator, Piezoelectric crystal. W. A. Ford. 2,130,272; Sept. 13.
Oscillograph apparatus. H. A. Iams. 2,130,134; Sept. 13.
Oven, Coking retort. H. Drehschmidt. 2,129,658; Sept. 13.
Oven construction. E. A. Albright. 2,129,634; Sept. 13.
Oven construction. A. K. Weiskittel. 2,130,168; Sept. 13.
Pad: *See*—
Axle spring pad.
Paint composition. H. A. Gardner. 2,129,925; Sept. 13.
Panel, Automobile. C. C. Harrah. 2,129,838; Sept. 13.
Panel or shingle, Composite roof. A. Elmendorf. 2,130,178; Sept. 13.
Papain product and preparing same. A. Klotz. 2,130,137; Sept. 13.
Paper and the like, Method and apparatus for coating. R. S. Bracewell. 2,130,060; Sept. 13.
Paper and treating same, Light sensitive. C. A. Crowley and G. H. Goodyear. 2,130,070–1; Sept. 13.
Paper, Coating. J. D. MacLaurin. 2,130,241; Sept. 13.
Paper, Insectproof. N. P. Easling. 2,129,659; Sept. 13.
Paper, Method and apparatus for winding. C. Davis. 2,130,332; Sept. 13.
Paper, Test. H. Yagoda. 2,129,754; Sept. 13.
Parking meter. D. C. Rockola. 2,130,155; Sept. 13.
Particles from liquids, Apparatus for recovering. I. Wallquist. 2,129,802; Sept. 13.
Paste dispenser. H. Bond. 2,130,176; Sept. 13.
Pen, Fountain. J. Rogers. 2,130,195; Sept. 13.
Pencil. W. P. De Witt. 2,129,655; Sept. 13.
Pencil leg construction for compasses. F. De Cesaris. 2,130,072; Sept. 13.
Pencil, Mechanically operated magazine. G. G. Cohen. 2,130,230; Sept. 13.
Pencil, Multicolor. I. Hersinhof. 2,130,011; Sept. 13.
Periscope for armored vehicles. R. Gundlach. 2,130,006; Sept. 13.
Peroxide formation in aliphatic ethers, Inhibition of. T. Evans. 2,130,080; Sept. 13.
Peroxide formation in aliphatic symmetrical isoethers, Inhibition of. T. Evans. 2,130,079; Sept. 13.
Phenols, Meta-substituted. E. C. Britton. 2,129,907; Sept. 13.
Phenyl sulphides. W. G. Christiansen and E. Moness. 2,129,674; Sept. 13.
Photographic printing apparatus. W. C. Huebner. 2,129,768; Sept. 13.
Picture transmission system. A. Karolus. 2,129,738; Sept. 13.
Pipe, Apparatus for severing. R. C. Showalter. 2,129,969; Sept. 13.
Pipe, Continuously casting. M. Tama. 2,130,202; Sept. 13.

Pipe covering. C. L. Newport and H. C. Smith. 2,129,865; Sept. 13.
Pipe die, Positive expanding. W. J. Hogg. 2,130,181; Sept. 13.
Pipe plug. J. F. Richardson. 2,130,030; Sept. 13.
Plank, Spring. D. M. Light. 2,130,141; Sept. 13.
Plug: *See*—
Pipe plug. Sparking plug.
Spark plug.
Post employing structure and manufacture thereof. W. B. Ewing. 2,129,999; Sept. 13.
Post for mitered rails, Insulating end. E. F. Schermerhorn. 2,130,106; Sept. 13.
Power transmission. C. A. Neracher and T. Iavelli. 2,129,863; Sept. 13.
Power transmission system. J. G. Swan. 2,129,884; Sept. 13.
Power unit. G. O. Dean. 2,129,652; Sept. 13.
Press: *See*—
Draw press. Intaglio printing press
Pressure regulator. G. W. McKee. 2,129,856; Sept. 13.
Printing and accounting machine. J. W. Bryce. 2,129,645; Sept. 13.
Printing apparatus, Photomechanical. W. C. Huebner. 2,129,767; Sept. 13.
Printing mechanism. J. A. Close and S. R. Collins. 2,130,229; Sept. 13.
Printing plates, Apparatus for heat treating electrotype. H. M. Blaetz. 2,129,904; Sept. 13.
Printing plates, Making color. E. D. Lake. 2,129,945; Sept. 13.
Printing press mechanism. B. D. Stevens, E. F. Dudley, and E. A. Verrinder. 2,129,972; Sept. 13.
Privacy system. D. Mitchell. 2,129,860; Sept. 13.
Program selector, Automatic radio. R. H. Berkins. 2,130,164; Sept. 13.
Projector, Radiant energy. E. P. Creehan. 2,129,676; Sept. 13.
Prop, Automobile hood. R. C. Jacobs. 2,130,186; Sept. 13.
Prop, Deck lid. R. C. Jacobs. 2,130,185; Sept. 13.
Propeller for aircraft. S. H. Juul. 2,129,939; Sept. 13.
Pulsator for milking machines. F. G. Hodsdon. 2,129,765; Sept. 13.
Pump: *See*—
Radial pump. Variable delivery pump.
Rotary pump.
Pump. W. T. Dunn. 2,129,828; Sept. 13.
Pump. A. J. Syrovy. 2,129,886; Sept. 13.
Pump or motor. W. Ernst. 2,130,298; Sept. 13.
Pump or motor, Variable delivery. E. K. Benedek. 2,129,642; Sept. 13.
Pumping unit, Straight lift. C. G. Hopkins. 2,130,184; Sept. 13.
Pyrometric cone. H. E. Co Van and G. A. Bole. 2,129,912; Sept. 13.
Quinone and hydroquinone, Production of. H. Palfreeman and N. V. S. Knibbs. 2,130,151; Sept. 13.
Rack: *See*—
Necktie rack. Supporting rack.
Rack for plating, Article supporting. A. Pearson. 2,129,868; Sept. 13.
Radial pump. W. Ernst. 2,130,299; Sept. 13.
Radiator, Directive beam. H. Schariau. 2,130,033; Sept. 13.
Radio aerial for automobiles. T. J. Hoskins. 2,129,766; Sept. 13.
Radio apparatus. J. A. Elder. 2,129,756; Sept. 13.
Radio receiving set. D. H. Mitchell. 2,130,243; Sept. 13.
Radio transmitting system. E. H. Armstrong. 2,130,172; Sept. 13.
Rail and shoe, Box sheltered third. C. V. Richey. 2,129,706; Sept. 13.
Rail supporting and retaining means. J. G. Delfox. 2,130,074; Sept. 13.
Rails, Cooling. J. Brunner. 2,129,670; Sept. 13.
Rake, Sweep. T. H. Shelton. 2,130,292; Sept. 13.
Record, Phonograph. J. H. Hunter. 2,130,239; Sept. 13.
Record puncturing machine. R. E. Paris. 2,129,782; Sept. 13.
Record sensing device. M. F. Hayes. 2,129,764; Sept. 13.
Recorder. L. S. Harrison. 2,129,762; Sept. 13.
Rectifier circuit. A. W. Barber. 2,129,726; Sept. 13.
Reel: *See*—
Fishline drying reel.
Refrigerating apparatus. J. R. Hornaday. 2,130,276; Sept. 13.
Refrigerating apparatus. H. B. Hull. 2,130,089; Sept. 13.
Refrigerating apparatus. C. F. Kettering. 2,130,092–3; Sept. 13.
Refrigerating apparatus. G. C. Pearce. 2,129,867; Sept. 13.
Refrigerating apparatus and method. C. E. Quinn and J. R. Lassiter, Jr. 2,130,027; Sept. 13.
Refrigeration. C. T. Ashby. 2,129,982; Sept. 13.
Refrigerator cabinet. M. Frankel. 2,129,923; Sept. 13.
Refrigerator display case. W. J. Drucker. 2,129,996; Sept. 13.
Refrigerator latch. C. W. Geske and G. E. DeVoe. 2,129,926; Sept. 13.
Register. G. H. Henrietta. 2,130,130; Sept. 13.
Regulator: *See*—
Pressure regulator. Speed regulator.
Regulator. D. E. Trucksess. 2,129,890; Sept. 13.
Regulator adjusting mechanism. P. F. Hart. 2,129,763; Sept. 13.
Relay. O. T. McIlvaine. 2,129,855; Sept. 13.
Resistance unit, Electrical. L. F. Muter. 2,130,148; Sept. 13.
Rifle. R. M. Catron. 2,129,648; Sept. 13.
Ring for hot tops, Bottom. W. M. Charman. 2,129,821; Sept. 13.
Rings, Making metal. T. G. Monahan. 2,130,324; Sept. 13.
Road working device. J. F. Harrison and H. B. Crum. 2,130,274; Sept. 13.
Roasting method and apparatus. W. G. Burns. 2,129,673; Sept. 13.
Roll adjusting means, Forging. W. W. Criley. 2,130,069; Sept. 13.
Roll lift stand. H. B. Greenwood. 2,130,233; Sept. 13.
Roller bearing, Multiple-row taper. J. B. Baker and H. R. Slusser. 2,130,258; Sept. 13.
Rolls, Manufacturing compound. H. Gontermann and F. Kühn. 2,129,683; Sept. 13.
Roof. D. F. Fradette. 2,129,833; Sept. 13.
Roof container. N. M. Loney, W. E. Van Berg and O. Ferguson. 2,129,951; Sept. 13.
Rotary pump, Positive pressure. A. J. Granberg. 2,129,928; Sept. 13.
Rotor, Centrifugal blower. G. W. McKee. 2,130,145–6; Sept. 13.
Rubber articles, Manufacturing hollow. J. H. Doak. 2,130,177; Sept. 13.
Rubber vulcanization. W. E. Messer. 2,130,242; Sept. 13.
Saddle girth. D. H. Wright. 2,130,214; Sept. 13.
Safety device for gas heaters. P. L. Betz and S. Karrer. 2,130,175; Sept. 13.
Scale. E. J. Von Pein. 2,129,800; Sept. 13.
Scraper, Dragline rock. A. O. Olson. 2,129,955; Sept. 13.
Scraper installation, Underbody. G. D. Simonds. 2,129,970; Sept. 13.
Scraper, Paraffin. M. A. Cowen. 2,130,267; Sept. 13.
Screw and bolt driving and nut running machine. K. E. Whitney and A. G. Decker. 2,130,111; Sept. 13.
Sealing device for pipe joints. J. W. Shkolnick. 2,130,039; Sept. 13.
Seat: *See*—
Adjustable seat.
Seat post mounting. S. A. Snell. 2,130,252; Sept. 13.
Seat slide assembly. J. T. Atwood and D. E. Crabb. 2,129,637; Sept. 13.
Seat support. W. S. Saunders and T. A. McGregor. 2,130,159; Sept. 13.
Securing device. H. G. Lombard. 2,129,949; Sept. 13.
Separator: *See*—
Centrifugal separator.
Settling aid in heavy solvents. J. M. Whiteley. 2,129,752; Sept. 13.
Sewage and the like, Filtering. W. Raisch. 2,130,249; Sept. 13.
Sewing machines, Foot feed attachment for. H. B. Conner and A. Olson. 2,130,266; Sept. 13.
Shaker conveyer. E. R. Bergmann. 2,129,809; Sept. 13.
Shaver, Motor-operated. F. L. Parham. 2,130,311; Sept. 13.
Shelf for ovens, Warming. A. K. Weiskittel. 2,130,169; Sept. 13.
Shelf for refrigerater cabinets, Sliding. J. L. Knight. 2,130,279; Sept. 13.
Sheller, Corn. C. M. Weinhold. 2,129,894; Sept. 13.
Shells, Apparatus for making spool-enclosing. J. A. Johnson. 2,129,771; Sept. 13.
Ship's hatch cover. J. Tutin. 2,129,973; Sept. 13.
Shirt finishing table. C. Leaderach. 2,130,282; Sept. 13.
Shoe hanger. R. Metzger. 2,129,857; Sept. 13.
Shoe machine. W. P. Osgood. 2,130,193; Sept. 13.
Shot-firing machine, Electric. K. Schaffler-Glössl. 2,129,835; Sept. 13.
Sign: *See*—
Illuminated sign. Tube sign.
Sign for vehicles, Illuminated. R. H. Imhofe. 2,130,090; Sept. 13.
Sign structure. L. E. Cunningham. 2,129,651; Sept. 13.
Signal system, Automatic electric traffic. H. G. Hunter. 2,130,013; Sept. 13.
Signaling device, Position. D. H. Brandes. 2,130,260; Sept. 13.
Signals, Apparatus for controlling highway crossing. W. H. Claas. 2,129,822; Sept. 13.
Slab piler. T. A. Zsamboky. 2,130,171; Sept. 13.
Slat, Venetian blind. S. Hammer. 2,130,319; Sept. 13.
Sled, Cycle. G. H. Johnson. 2,129,935; Sept. 13.
Slide, Playground. E. M. Burke. 2,129,909; Sept. 13.
Socket for casters or the like, Drive-on. W. H. Noelting. 2,130,245; Sept. 13.
Socket for vacuum tubes, etc. M. Alden. 2,129,725; Sept. 13.
Socket, Laundryproof resilient. J. W. Dews. 2,129,825; Sept. 13.
Sodium sulphate, Production of anhydrous. R. R. Bottoms. 2,129,813; Sept. 13.

Solids to ice cream, Apparatus for delivering edible. H. B. Adams. 2,130,113; Sept. 13.
Solvent composition, Hydroformed. R. T. Haslam. 2,129,735; Sept. 13.
Solvent for use in treatment of ores. M. W. MacAfee. 2,129,700; Sept. 13.
Sound and picture reproducing apparatus. R. Platt-Hepworth. 2,130,010; Sept. 13.
Sound recording and reproducing device. A. Rysick. 2,130,158; Sept. 13.
Sound transmitter, Electrical. H. C. Tittle. 2,130,206; Sept. 13.
Souvenir pocketpiece, Producing. C. A. Bickel. 2,130,058; Sept. 13.
Space discharge device. L. L. de Kramolin. 2,129,730; Sept. 13.
Spacer for valve mechanism, Flexible. G. M. Fitts. 2,130,001; Sept. 13.
Spark plug. H. Rabezzana. 2,129,962; Sept. 13.
Spark plug, Radio shielded. H. Rabezzana. 2,129,961; Sept. 13.
Sparking plug. W. J. Vincent. 2,130,208; Sept. 13.
Speed indicator apparatus for motor vehicles. S. H. Caldwell. 2,130,296; Sept. 13.
Speed regulator. G. E. Howard. 2,130,088; Sept. 13.
Speed transmission, Variable. R. W. Brown. 2,130,314; Sept. 13.
Spelling board. A. Funk. 2,129,834; Sept. 13.
Spindle head. C. A. Koza. 2,130,094; Sept. 13.
Spiral covering machine. C. T. Pastor. 2,129,956; Sept. 13.
Spit, Roasting. G. C. Bonaguidi. 2,130,259; Sept. 13.
Splicing unit. J. Upton. 2,130,047; Sept. 13.
Splint, Fracture-reducing. R. Anderson. 2,129,635; Sept. 13.
Spool, Twister. H. D. Clinton. 2,130,265; Sept. 13.
Spout for cans, Pouring. F. E. Rice. 2,129,784; Sept. 13.
Stabilized compositions comprising aliphatic ethers. T. Evans. 2,130,078; Sept. 13.
Stand: *See*—
Roll lift stand.
Stand for collars, Display. M. Gladstone. 2,129,927; Sept. 13.
Stapling apparatus. H. S. Heller. 2,130,129; Sept. 13.
Starch and preparing the same, Solid. H. File. 2,129,919; Sept. 13.
Starter, Engine. F. J. De Niro. 2,129,653; Sept. 13.
Steam trap. V. A. Berghoefer. 2,129,986; Sept. 13.
Step construction. C. F. Hirshfeld. 2,130,131; Sept. 13.
Stoker, Overfeed. E. C. Sammons. 2,130,329; Sept. 13.
Stop mechanism for circular looms, Electrical. F. C. Hale and J. R. Yorke. 2,129,736; Sept. 13.
Stop motion for roving frames. S. J. Adams and W. A. Smith. 2,129,639; Sept. 13.
Stopper, Cork. J. W. Fay. 2,130,081; Sept. 13.
Stove construction. A. K. Weiskittel. 2,130,167; Sept. 13.
Sugar, Affination of. G. T. Reich. 2,130,028; Sept. 13.
Sulphur-containing compounds and systems, Stabilization of. M. S. Kharasch. 2,130,321; Sept. 13.
Support: *See*—
Bobbin support. Current conductor support.
Camera support.
Support for wooden building constructions, Metal. F. R. Walker. 2,130,049; Sept. 13.
Supporting rack. E. E. Fay. 2,130,000; Sept. 13.
Surface broaching machine. F. J. Lapointe. 2,129,850; Sept. 13.
Surgical appliance. J. H. Bacon. 2,129,983; Sept. 13.
Swedger. F. A. Ward. 2,130,051; Sept. 13.
Sweeper, Suction. L. W. Pardee. 2,130,325; Sept. 13.
Swing, Amusement. S. W. Zippler. 2,129,723; Sept. 13.
Switch: *See*—
Electrical switch. Theft alarm switch.
Switch gear, Electric. G. M. Reed. 2,130,250; Sept. 13.
Syringe. S. F. Cole. 2,129,675; Sept. 13.
Table: *See*—
Shirt finishing table.
Tabulating machine. C. D. Lake. 2,129,775; Sept. 13.
Tank filling device. T. S. Bosh and G. H. Bauley. 2,130,050; Sept. 13.
Tank system, Underground. A. H. Galbraith. 2,129,924; Sept. 13.
Tanning with aldehydes. H. G. Turley and I. C. Somerville. 2,129,748; Sept. 13.
Tap, Double taper. W. J. Hogg. 2,130,182; Sept. 13.
Tape, Venetian blind. S. Hammer. 2,130,320; Sept. 13.
Telegraph control mechanism, Printing. W. S. Lemmon. 2,129,948; Sept. 13.
Telegraph receiving system, Automatic. Y. Watanabe. 2,130,166; Sept. 13.
Telegraph switching system. O. C. Levy. 2,129,741; Sept. 13.
Telephony. F. de Fremery. 2,129,990; Sept. 13.
Telescope. A. Langsner. 2,130,095; Sept. 13.
Textiles, Treatment of. A. Nathansohn. 2,130,150; Sept. 13.
Terminal structure for electrical devices, Contacting. M. Lazarus. 2,129,947; Sept. 13.
Testing device. B. W. Robins. 2,130,032; Sept. 13.
Textile operation. K. M. Uphill and T. Jackson. 2,130,046; Sept. 13.
Theft alarm switch. J. F. Huss. 2,130,303; Sept. 13.
Thermionic measuring device. S. A. Scherbatskoy and J. Neufeld. 2,129,880; Sept. 13.
Thermostatically controlled apparatus. H. J. H. Wassell. 2,129,803; Sept. 13.
Thread and making same, Artificial. H. H. Parker and G. P. Standley. 2,130,247; Sept. 13.
Tinning compound. M. M. Savedoff. 2,130,211; Sept. 13.
Tire chain, Single lock. M. L. Bonforte. 2,130,293; Sept. 13.
Tire, Pneumatic. L. Lanie. 2,130,096; Sept. 13.
Tool: *See*—
Electrically actuated tool. Lubricant injecting tool.
Tool coolant distribution, Machine. E. P. Bullard, III. 2,129,815; Sept. 13.
Tooth brush, Making a. T. Nishio. 2,130,244; Sept. 13.
Tooth cleansing agent. H. Schmidt. 2,130,034; Sept. 13.
Top for trucks and the like. S. F. Walden. 2,129,893; Sept. 13.
Track for track-laying vehicles. H. A. Knox. 2,129,696; Sept. 13.
Tractor construction. R. E. Acton. 2,129,724; Sept. 13.
Tractor cultivator. H. P. Smith. 2,129,746; Sept. 13.
Trailer hitch. C. Berg. 2,129,728; Sept. 13.
Trailer hitch. J. A. Rasmussen. 2,130,100; Sept. 13.
Transformer, Dynamo kinematic. M. Pierre. 2,130,143; Sept. 13.
Transmission of ultra high waves, Guided. G. C. Southworth. 2,129,711; Sept. 13.
Trap: *See*—
Bandit or burglar trap. Steam trap.
Trap timer. A. E. Roth. 2,129,966; Sept. 13.
Trees and the like, Apparatus for transplanting. J. G. Butts. 2,130,117; Sept. 13.
Trough, Feed saving. T. Waite. 2,130,048; Sept. 13.
Truck body assembly and method, Hand. T. Shaw. 2,130,161; Sept. 13.
Truck, Garbage. J. J. Peterson. 2,130,099; Sept. 13.
Truck, Hand. L. E. Jones. 2,129,772; Sept. 13.
Tube: *See*—
Cylindrical foundation tube Tuning indicator tube.
Electron discharge tube. Vacuum tube.
Tube burner, Removable. L. H. Warren. 2,130,165; Sept. 13.
Tube sign. E. R. Nickel. 2,129,780; Sept. 13.
Tubular members, Molding. J. Visman. 2,130,254; Sept. 13.
Tuner for string instruments. G. A. Peate. 2,130,248; Sept. 13.
Tuning device for radio receivers. A. W. Plensler. 2,130,153; Sept. 13.
Tuning indicator tube. H. C. Thompson. 2,130,162; Sept. 13.
Typewriter mechanism. H. E. Page. 2,129,866; Sept. 13.
Typewriting machine. C. W. Crumrine. 2,129,650; Sept. 13.
Umbrella. P. G. Braunschweiger. 2,130,294; Sept. 13.
Urea cellulose solutions. R. S. Schreiber. 2,129,708; Sept. 13.
Urea manufacture. H. C. Hetherington. 2,129,689; Sept. 13.
Vacuum indicating device. C. E. Evans. 2,130,180; Sept. 13.
Vacuum tube. W. G. Taylor. 2,130,204; Sept. 13.
Valve. R. W. Johnson. 2,129,938; Sept. 13.
Valve. C. L. Rayfield. 2,129,963; Sept. 13.
Valve means, Exhaust. E. S. Dennison. 2,130,075; Sept. 13.
Valve seat for slush pumps, Insert. C. White. 2,130,053; Sept. 13.
Valve silencer, Float. J. Podolsky. 2,129,958; Sept. 13.
Vapor motor, Quick starting. J. S. Baker. 2,129,638; Sept. 13.
Variable delivery pump. E. K. Benedek. 2,129,643; Sept. 13.
Vehicle: *See*—
Motor vehicle.
Vehicle construction. J. Burgh. 2,130,066; Sept. 13.
Ventilation apparatus, Vehicle body. W. Lintern. 2,130,306; Sept. 13.
Ventilator, Window. C. A. Anderson. 2,130,114; Sept. 13.
Vibration detector. A. Wolf, L. G. Cowles, and W. S. Richardson. 2,130,213; Sept. 13.
Vise, Circular saw. J. Dominiak. 2,130,076; Sept. 13.
Walls, Constructing upright concrete. W. A. Jennings. 2,129,709; Sept. 13.
Water ejector. E. M. Evans. 2,130,300; Sept. 13.
Water from aqueous aliphatic acids, Process and apparatus for removing. J. J. Gordon and F. R. Conklin. 2,129,684; Sept. 13.
Wave signaling system. H. M. Lewis. 2,129,740; Sept. 13.
Wave transmission, Guided. A. E. Bowen. 2,129,669; Sept. 13.
Weather strip. H. A. Smith. 2,130,042; Sept. 13.
Webs of paper or other sheet material, Process and apparatus for the longitudinal creping of. R. Haas. 2,130,007; Sept. 13.
Weft-replenishing loom, Automatic. W. A. Dickie, F. C. Hale, and W. Howarth. 2,129,994; Sept. 13.
Welding, Apparatus for. J. H. Bucknam. 2,130,261; Sept. 13.
Welding machine, Electric. T. M. King and L. Stastney. 2,129,845; Sept. 13.

Wells, Drilling. R. Cross and W. M. Cross, Jr. 2,129,913; Sept. 13.
Wheel. A. S. Van Halteren. 2,130,207; Sept. 13.
Wheel construction for trailers, Fifth. C. E. Bradshaw. 2,129,989; Sept. 13.
Wheel structure. R. H. Beckman and J. H. Ploehn. 2,129,807; Sept. 13.
Wheels, Manufacturing. J. Brunner. 2,129,671; Sept. 13.
Winding machine. E. J. Abott. 2,129,660; Sept. 13.
Window and sash construction. O. M. Edwards. 2,130,297; Sept. 13.
Wiper mechanism, Windshield. F. Kritz. 2,129,942; Sept. 13.
Wire forming machine and method. C. C. Cruzan. 2,130,318; Sept. 13.
Wire line sling and fitting therefor. R. W. Siler. 2,130,040; Sept. 13.
Wood, lumber, and the like, Soaking. A. B. Pierre, A. G. Johansson, and S. Bergström. 2,130,025; Sept. 13.
Wrapper and wiper, Bottle. J. A. Harold. 2,129,761; Sept. 13.
Wrench or other clamping device, Quick acting. P. Agudio. 2,130,218; Sept. 13.
X-ray apparatus. A. Bouwers. 2,129,646; Sept. 13.
Yarn winding machine. W. H. Kimpton and S. M. Fulton. 2,129,739; Sept. 13.

CLASSIFICATION OF PATENTS

ISSUED SEPTEMBER 13, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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U. S. GOVERNMENT PRINTING OFFICE: 1939

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Acme Steel Company, Chicago, Ill. Stapling wire. Serial Nos. 402,500–01; Sept. 20. Class 14.

Adorno Manufacturing Co., Seattle, Wash. Hair tonic. Serial No. 408,335; Sept. 20. Class 6.

Allsteel Products Manufacturing Company, The, Wichita, Kans. Tractor type, general well servicing units. Serial No. 405,977; Sept. 20. Class 23.

American Bitumuls Company, Wilmington, Del., and San Francisco, Calif. Asphalt, asphalt emulsions, asphalt compositions. Serial No. 404,558; Sept. 20. Class 12.

American Maid Company, Inc., Chicago, Ill. Brassières and underskirts formed in one piece. Serial No. 408,684; Sept. 20. Class 39.

American Optical Company, Southbridge, Mass. Lens grinding and polishing compounds. Serial No. 407,786; Sept. 20. Class 4.

American Products Co., San Francisco, Calif. Mouth pieces for the prevention of snoring. Serial No. 405,584; Sept. 20. Class 44.

Anderson Company, The, Gary, Ind. Fans for inside vehicle window defrosting and drying by air circulation. Serial No. 402,457; Sept. 20. Class 34.

Anderson Company, The, Gary, Ind. Chemical cleaners. Serial No. 402,461; Sept. 20. Class 4.

Angelica Foods. (See Batten, Joseph.)

Armstrong Cork Products Company, Lancaster, Pa. Rolls, roll covers, etc. for textile mill usage. Serial No. 407,654; Sept. 20. Class 23.

Artloom Corporation, Philadelphia, Pa. Carpets and rugs. Serial No. 409,254; Sept. 20. Class 42.

Autogroom Company, The, New York, N. Y. Preparation for producing a lustre upon finished surfaces. Serial No. 408,632; Sept. 20. Class 16.

Bal-Min Laboratories, San Mateo, Calif. Artificial mineral water. Serial No. 407,212; Sept. 20. Class 6.

Bamberger, L., & Co., Newark, N. Y. Bracelets, rings, brooches, etc. Serial No. 409,148; Sept. 20. Class 28.

Batten, Joseph, doing business as Angelica Foods, Caldwell, N. J. Baked beans. Serial No. 403,900; Sept. 20. Class 46.

Battle Creek Dietetic Supply Co., Battle Creek, Mich. Cellulose product to be taken internally. Serial No. 409,026; Sept. 20. Class 6.

Beardsley & Piper Company, The, Chicago, Ill. Apparatus for treating and conditioning molding sand and other granular material. Serial No. 408,827; Sept. 20. Class 23.

Bee Hat & Cap Co., St. Louis, Mo. Hats and caps. Serial No. 375,837; Sept. 20. Class 39.

Beich, Paul F., Company, Bloomington and Chicago, Ill. Candy. Serial Nos. 407,936–7; Sept. 20. Class 46.

Bell, Ross A., Oklahoma City, Okla. Electro-magnetic-vibrator. Serial No. 405,190; Sept. 20. Class 44.

Blach, J., & Sons, Inc., Birmingham, Ala. Hosiery, gloves, blouses, etc. Serial No. 408,004; Sept. 20. Class 39.

Boston Marilyn Dresses, Boston, Mass. Dresses, suits, skirts, etc. Serial No. 408,229; Sept. 20. Class 39.

Bouchard Aîné & Fils, Beaune, France. Wines. Serial Nos. 407,523–7; Sept. 20. Class 47.

Bronetsky, Samuel, Boston, Mass. Medicinal preparation. Serial No. 409,185; Sept. 20. Class 6.

Bronnley, H., & Co. Limited, London, England. Hand lotions. Serial No. 408,306; Sept. 20. Class 6.

Brown, Allen E., doing business as Brown Beverage Company, Houston, Tex. Beverages. Serial No. 409,186; Sept. 20. Class 45.

Brown Durrell Co., Boston, Mass., and New York, N. Y. Hosiery. Serial No. 407,792; Sept. 20. Class 39.

Buffalo Times Company, Inc., The, Buffalo, N. Y. Newspaper column. Serial Nos. 408,483–4; Sept. 20. Class 38.

Bulard Watch Co. Inc., New York, N. Y. Watches. Serial No. 402,841; Sept. 20. Class 27.

Bullock's, Inc., Los Angeles, Calif. Foundations, girdles, and corsets. Serial No. 408,233; Sept. 20. Class 39.

Burkhardt Company, The, Detroit, Mich. Portfolios and loose leaf binder equipped portfolios. Serial No. 408,453; Sept. 20. Class 3.

Business Screen Magazines, Inc., Chicago, Ill. Magazine. Serial No. 407,939; Sept. 20. Class 38.

Carlyle. (See Charm Products Inc.)

Charm Products Inc., doing business as Carlyle, Los Angeles, Calif. After shave lotion, hair dress (oil), and hair tonic. Serial No. 408,783; Sept. 20. Class 6.

Chemi-Grow Ltd., Los Angeles, Calif. Chemical preparation for use as a fertilizer in water tank farming. Serial No. 402,555; Sept. 20. Class 10.

Church, L. O., Corporation, Peoria, Ill. Anti-freeze solution. Serial No. 408,454; Sept. 20. Class 6.

Clark-Millner Co., Chicago, Ill. Cleansing pads, lipsticks, etc. Serial No. 402,844; Sept. 20. Class 6.

Clark-Millner Co., Chicago, Ill. Nail polish remover pads. Serial No. 402,845; Sept. 20. Class 6.

Clyde, Charles, Corporation, Jersey City, N. J. Slide fasteners. Serial No. 407,424; Sept. 20. Class 13.

Cohen, Goldman & Co. Inc., New York, N. Y. Trousers and pants. Serial No. 397,926; Sept. 20. Class 39.

Cohen, Louis, New York, N. Y. Woolen fabrics. Serial No. 408,456; Sept. 20. Class 42.

Cohn-Hall-Marx Co., New York, N. Y. Piece goods. Serial No. 409,157; Sept. 20. Class 42.

Cohn & Rosenberger, Inc., New York, N. Y. Necklaces and bracelets, earrings, etc. Serial No. 409,260; Sept. 20. Class 28.

Cole Chemical Company, Wilmington, Del., and St. Louis, Mo. Pharmaceutical preparation. Serial No. 408,268; Sept. 20. Class 6.

Conaway, Charles W., New York, N. Y. Woolen and cotton fabrics. Serial No. 409,159; Sept. 20. Class 42.

Cone Automatic Machine Company Inc., Windsor, Vt. Automatic lathes and screw machines. Serial No. 407,305; Sept. 20. Class 23.

Conn, C. G., Ltd., Elkhart, Ind. Musical instruments of the xylophone type. Serial No. 398,559; Sept. 20. Class 36.

Commerce Clearing House, Inc., Chicago, Ill. News bulletin. Serial No. 408,981; Sept. 20. Class 38.

Consolidated Decalcomania Corporation, Jamaica, N. Y. Decalcomania. Serial No. 408,533; Sept. 20. Class 38.

Consolidated Paper Manufacturing Co., Los Angeles, Calif. Toilet tissue, paper napkins, and paper towels. Serial No. 408,617; Sept. 20. Class 37.

Corn Products Refining Company, New York, N. Y. Combinations of dry starches, dextrines, or gums, for pasting purposes. Serial No. 408,833; Sept. 20. Class 5.

Coughlan, G. N., Co., Inc., Orange, N. J. Pea shellers, kitchen sheers, jar openers, etc. Serial No. 386,483; Sept. 20. Class 23.

Crookes Laboratories, Inc., New York, N. Y. Aqueous iodine compound. Serial No. 409,457; Sept. 20. Class 6.

Crookes Laboratories, Inc., New York, N. Y. Ointment. Serial No. 409,458; Sept. 20. Class 6.

Crown Zellerbach Corporation, doing business as Crown Willamette Paper Company, San Francisco, Calif. Wrapping paper. Serial No. 407,718; Sept. 20. Class 37.

Cuetara, Salvador, Boston, Mass. Shoes and slippers. Serial No. 405,765; Sept. 20. Class 39.

Cushman Motor Works, The, Lincoln, Nebr. Internal combustion engines and structural parts thereof. Serial No. 404,692; Sept. 20. Class 23.

Dare, Mary, Inc., New York, N. Y. Nail tint and white, nicotine remover, etc. Serial No. 393,368; Sept. 20. Class 6.

Dayton Laboratories, Incorporated, The, Dayton, Ohio. Pharmaceutical preparations, lubricating jellies, etc. Serial No. 401,179; Sept. 20. Class 6.

Denney, Frances, Philadelphia, Pa. Toilet preparations. Serial No. 408,342; Sept. 20. Class 6.

Detroit Macoid Corporation, Detroit, Mich. Lacquer and like coating compositions. Serial No. 390,053; Sept. 20. Class 16.

Donnelley, Reuben H., Corporation, The, Chicago, Ill., and Los Angeles, Calif. Trade paper. Serial No. 406,017; Sept. 20. Class 38.

Drueding Brothers Company, Philadelphia, Pa. Sweat bands. Serial No. 408,565; Sept. 20. Class 39.

Eastman Kodak Company, Jersey City, N. J., and Rochester, N. Y. Photographic cameras. Serial No. 408,497; Sept. 20. Class 26.

Eastern Isles Importing Co., Inc., The, New York, N. Y. Pajamas and housecoats. Serial No. 408,915; Sept. 20. Class 39.

Eastman Kodak Company, Jersey City, N. J., and Rochester, N. Y. Forced draft darkroom ventilators. Serial No. 406,285; Sept. 20. Class 34.

Erbamint Company, St. Paul, Minn. Preparation for the treatment of asthma and bronchial ailments. Serial No. 407,182; Sept. 20. Class 6.

Eusey Co., The, Los Angeles, Calif. Preparation for use as a bath scent and water softener and also having incidental cleansing properties. Serial No. 402,153; Sept. 20. Class 6.

Everett, S. & R. J., & Company Limited, Thornton Heath, England. Surgical needles, sutures, and syringes. Serial No. 408,343; Sept. 20. Class 44.

Fairchild Publications, Corp., doing business as Fairchild News Service, New York, N. Y. News column. Serial No. 401,996; Sept. 20. Class 38.

Farina, Orlando E., doing business as M. Farina & Sons, San Francisco, Calif. Fresh grapes. Serial No. 408,945; Sept. 20. Class 46.

Farrar & Trefts, Incorporated, Buffalo, N. Y. Pressure tanks and hot water and steam boilers. Serial No. 399,923; Sept. 20. Class 34.

Faygo Beverage Co. (See Feigenson Brothers Co.)

Feigenson Brothers Co., doing business as Faygo Beverage Co., Detroit, Mich. Beverages, and sirups, extracts, and flavors used in making the same. Serial No. 409,030; Sept. 20. Class 45.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Fendrich, H., Incorporated, Evansville, Ind. Cigars. Serial Nos. 408,378–9; Sept. 20. Class 17.
Fisher, Katharine M., doing business as Ellis G. Fisher Company, Phoenix, Ariz. Evaporative cooler and humidifier. Serial No. 407,804; Sept. 20. Class 34.
Formoil Company, Minneapolis, Minn. Transparent waterproofing. Serial No. 408,055; Sept. 20. Class 12.
Ganis Brothers, New York, N. Y. Bathrobes, night shirts, gowns, etc. Serial No. 408,239; Sept. 20. Class 39.
Gelesnoff, Vahdah M., doing business as Physico-Chemical Laboratory, Los Angeles, Calif. Medicinal preparation. Serial No. 409,194; Sept. 20. Class 6.
General Chemical Company, New York, N. Y. Reducing agent for use in textile and other industries. Serial No. 409,354; Sept. 20. Class 6.
General Mills, Inc., Minneapolis, Minn. Flour. Serial No. 398,535; Sept. 20. Class 46.
General Shoe Corporation, Nashville, Tenn. Boots, shoes, and slippers. Serial No. 408,699; Sept. 20. Class 39.
Glidden Company, The, Cleveland, Ohio. Vegetable protein compound. Serial No. 406,640; Sept. 20. Class 46.
Glov-Kote Co. (See Spinelli, Raymond S.)
Gordon & Ferguson Company, St. Paul, Minn. Leather jackets, coats, vests, etc. Serial No. 407,220; Sept. 20. Class 39.
Gould, Elizabeth, Brooklyn, N. Y. Soap. Serial No. 408,345; Sept. 20. Class 4.
Gravell, James H., Ambler, Pa. Mechanical educational device. Serial No. 404,757; Sept. 20. Class 26.
Greenholtz, Ben, New York, N. Y. Pile fabrics. Serial No. 408,461; Sept. 20. Class 42.
Gruber, Edw. H., doing business as Gruber Bottling Works, Philadelphia, Pa. Beverages, and syrups and extracts for making the same. Serial No. 401,897; Sept. 20. Class 45.
Haskell, Charles C., & Co., Inc., Richmond, Va. Pharmaceutical preparation. Serial No. 408,463; Sept. 20. Class 6.
Hercules Powder Company, Wilmington, Del. Waxes and fats for textile finishing. Serial No. 408,711; Sept. 20. Class 6.
Hickok Manufacturing Company, Inc., Rochester, N. Y. Pocket knives. Serial No. 407,987; Sept. 20. Class 23.
Hill & Griffith Co., The, Cincinnati, Ohio. Composition of matter for eliminating dross. Serial No. 408,423; Sept. 20. Class 50.
Holes Advertising Press, Incorporated, St. Cloud, Minn. Periodical. Serial No. 408,572; Sept. 20. Class 38.
Honolulu Star-Bulletin, Ltd., Honolulu, Hawaii. Periodical. Serial No. 407,548; Sept. 20. Class 38.
House of Pine, Inc., The, New York, N. Y. Preparation for bath. Serial No. 407,267; Sept. 20. Class 6.
Kahn, David, Inc., North Bergen, N. J. Fountain pens, mechanical pencils, pencil lead containers, etc. Serial No. 408,246; Sept. 20. Class 37.
Karr, Dar, Los Angeles, Calif. Electric control apparatus. Serial No. 391,915; Sept. 20. Class 21.
Klein, Samuel, Newark, N. J. Aspirin. Serial No. 406,515; Sept. 20. Class 6.
Knapp Electric Shaver, Inc., Long Island City, N. Y., assignor to Knapp-Monarch Company, St. Louis, Mo. Hair clippers and electric shavers. Serial No. 403,264; Sept. 20. Class 23.
Langley, Edward P., doing business as Len-Ola Laboratories, New York, N. Y. Botanical preparation. Serial No. 407,437; Sept. 20. Class 6.
Len-Ola Laboratories. (See Langley, Edward P.)
Levy, Harry, New York, N. Y. Shoes. Serial No. 407,990; Sept. 20. Class 39.
Locke, Horatio, doing business as Locke Laboratories, Monticello, Ill. Effervescent salt. Serial No. 407,758; Sept. 20. Class 6.
L'Onglex Limited, New York, N. Y. Nail polish. Serial No. 408,427; Sept. 20. Class 6.
Lowe, Joe, Corporation, New York, N. Y. Frozen confections. Serial No. 408,926; Sept. 20. Class 46.
Lowenstein, M., & Sons, Inc., New York, N. Y. Piece goods and dress goods. Serial No. 409,044; Sept. 20. Class 42.
Lyons, Gordon V., Inc., New York, N. Y. Women's and misses' coats and suits. Serial No. 408,026; Sept. 20. Class 39.
Lyons, Gordon V., Inc., New York, N. Y. Women's and misses' coats and suits. Serial No. 408,063; Sept. 20. Class 39.
Madison-Kipp Corporation, Madison, Wis. Metal castings. Serial No. 408,613; Sept. 20. Class 14.
Maier's Bakery, Reading, Pa. Bakery products. Serial No. 378,491; Sept. 20. Class 46.
Majestic Knitwear Company, The, Cleveland, Ohio. Skirts, sweaters, and dresses. Serial No. 407,598; Sept. 20. Class 39.
Maltine Company, The, New York, N. Y. Medicinal compounds. Serial No. 408,430; Sept. 20. Class 6.
Manierre, Cyrus E., doing business as Solvent Products Co., New York, N. Y. Washing fluid. Serial No. 409,277; Sept. 20. Class 4.
Marshall Field & Company, Chicago, Ill. Women's and misses' hats. Serial No. 407,382; Sept. 20. Class 39.
Mennel Milling Company, Toledo, doing business as Waterside Milling Company, Fostoria, Ohio. Wheat flour. Serial No. 407,761; Sept. 20. Class 46.
Mesa Citrus Growers, Mesa, Ariz. Fresh citrus fruits. Serial No. 406,594; Sept. 20. Class 46.
Morrell, John, & Co., Ottumwa, Iowa. Dog food. Serial No. 408,432; Sept. 20. Class 46.
N. V. Organon, Oss, Netherlands. Synthetic dietetic foodstuffs. Serial No. 397,375; Sept. 20. Class 46.
N. V. Organon, Oss, Netherlands. Synthetic dietetic foodstuffs. Serial No. 397,562; Sept. 20. Class 46.
National Broadcasting Company, Inc., New York, N. Y. Chimes. Serial No. 408,121; Sept. 20. Class 36.
National Motor Company, Springfield, Ohio. Clothes washing machines. Serial No. 403,518; Sept. 20. Class 24.
National Oil Marketers Association, Washington, D. C. Magazine. Serial No. 403,608; Sept. 20. Class 38.
National Oil Products Company, Harrison, N. J. Plasticizing compounds and defoamer. Serial No. 405,817; Sept. 20. Class 6.
Nettleton, A. E., Company, Syracuse, N. Y. Shoes. Serial No. 408,471; Sept. 20. Class 39.
Nicholson, H. R., Company, Baltimore, Md. Beverage, a cola drink. Serial No. 406,691; Sept. 20. Class 45.
Nishizu, Clarence, Buena Park, Calif. Fresh tomato and celery. Serial No. 402,948; Sept. 20. Class 46.
Norfolk Paint & Varnish Company, Quincy and North Quincy, Mass. Wall primer and sealer. Serial No. 405,611; Sept. 20. Class 16.
Northwest Lead Company, Seattle, Wash. Solder. Serial No. 402,438; Sept. 20. Class 14.
Oklahoma Sanitary Supply Co., Oklahoma City, Okla. Degreasing solvents. Serial No. 406,560; Sept. 20. Class 6.
Pan-Tone Drug Company, Jacksonville, Fla. General tonic and mild laxative. Serial No. 409,413; Sept. 20. Class 6.
Papazian, Garabed S., doing business as Papazian Coffee Co., West New Brighton, N. Y. Sirup. Serial No. 409,205; Sept. 20. Class 45.
Parke, Davis & Company, Detroit, Mich. Synthetic chemical compound. Serial No. 409,138; Sept. 20. Class 6.
Parsons, J. L., & Sons, Bloomingdale, N. Y. Skis. Serial No. 405,315; Sept. 20. Class 22.
Pervo Company, The. (See Van Dulst, Herman H.)
Physico-Chemical Laboratory. (See Gelesnoff, Vahdah M.)
Picard, Lucien, Paris, France. Product for use in the treatment of hemorrhage. Serial No. 407,029; Sept. 20. Class 6.
Pillsbury Flour Mills Company, Minneapolis, Minn. Wheat flour. Serial No. 408,857; Sept. 20. Class 46.
Pretorius, Martin W., Burbank, Calif. Laxatives and dentrifices. Serial No. 387,678; Sept. 20. Class 6.
Progressive Musical Instrument Corporation, New York, N. Y. Musical instruments and string instrument accessories. Serial No. 402,277; Sept. 20. Class 36.
Real Adventures Publishing Co., Inc., New York, N. Y. Periodical. Serial No. 408,809; Sept. 20. Class 38.
Regents of the University of Michigan, The, Ann Arbor, Mich. Publication. Serial No. 407,108; Sept. 20. Class 38.
Rock Hill Woolens, Inc., New York, N. Y. Textile fabrics. Serial No. 409,211; Sept. 20. Class 42.
Row, Peterson & Company, Evanston, Ill. Books and picture cards. Serial No. 404,057; Sept. 20. Class 38.
Royal Metal Manufacturing Co., Chicago, Ill. Metal furniture. Serial No. 377,722; Sept. 20. Class 32.
Schlichting, V. H., doing business as The Uni-Kurd Company, Park Ridge, Ill. Cheese making coagulator. Serial No. 407,033; Sept. 20. Class 6.
Schoenhut, O., Inc., Philadelphia, Pa. Table game. Serial No. 409,175; Sept. 20. Class 22.
Schutte & Koerting Company, Philadelphia, Pa. Rotameters. Serial No. 402,346; Sept. 20. Class 26.
Sea Board Supply Company, Philadelphia, Pa. Ground soil fertilizers. Serial No. 407,334; Sept. 20. Class 10.
Sears, Roebuck and Co., Chicago, Ill. Sheets, pillowcases, pillow tubings, etc. Serial No. 409,061; Sept. 20. Class 42.
Seidenbach's, Inc., Tulsa, Okla. Hosiery and women's underwear. Serial No. 392,894; Sept. 20. Class 39.
Selmer, H. & A., Incorporated, Elkhart, Ind. Specially constructed electric cord with special outlets. Serial No. 406,990; Sept. 20. Class 21.
Sharp & Dohme, Incorporated, Philadelphia, Pa. Preparations for the treatment of gastric and intestinal disturbances. Serial No. 408,513; Sept. 20. Class 6.
Sharp & Dohme, Incorporated, Philadelphia, Pa. Preparations containing or made from digitalis leaves, etc. Serial No. 408,514; Sept. 20. Class 6.
Sharp & Dohme, Incorporated, Philadelphia, Pa. Therapeutic preparations. Serial Nos. 408,515–16; Sept. 20. Class 6.
Sheet Polarizer Company, Inc., Union City, N. J. Sheets of optically anisotropic materials. Serial No. 407,608; Sept. 20. Class 26.
Shields, Inc., Attleboro, Mass. Cigarette cases. Serial No. 396,652; Sept. 20. Class 8.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Sloane, W. & J., New York, N. Y. Sheets and pillow cases. Serial No. 409,063; Sept. 20. Class 42.
Smit, J. K., & Sons of Michigan, Inc., Detroit, Mich. Diamond pointed tools. Serial No. 406,783; Sept. 20. Class 26.
Societe Anonyme Laboratoires G. Reaubourg, Boulogne-sur-Seine, France. Medicated charcoal. Serial No. 408,289; Sept. 20. Class 6.
Solvent Products Co. (See Manierre, Cyrus E.)
Spinelli, Raymond S., doing business as Glov-Kote Co., Chicago, Ill. Preparation to be applied to the hands. Serial No. 408,032; Sept. 20. Class 6.
Standard Chemical Products, Inc., Hoboken, N. J. Chemical preparation. Serial No. 407,994; Sept. 20. Class 6.
Standard Mailing Machines Company, Everett, Mass. Typewriter, writing, master copy, copy paper and envelopes. Serial No. 403,285; Sept. 20. Class 37.
Sun Oil Company, Philadelphia, Pa. Oils and greases. Serial No. 407,074; Sept. 20. Class 15.
Sweet Candy Company, Salt Lake City, Utah. Candy. Serial No. 408,973; Sept. 20. Class 46.
"The Mayflower" Pictures Corporation Limited, London, England. Cinematograph films. Serial No. 408,194; Sept. 20. Class 26.
Trimble Nurseryland Furniture, Inc., Rochester, N. Y. Infants' bath stands. Serial No. 407,165; Sept. 20. Class 32.
Uni-Kurd Company, The. (See Schlichting, V. H.)
United States Paper Company, Los Angeles, Calif. Toilet tissue, paper napkins, and paper towels. Serial No. 408,627; Sept. 20. Class 37.
Universal Atlas Cement Co., Chicago, Ill. Oil well cement. Serial No. 394,440; Sept. 20. Class 12.
Universal Camera Corporation, New York, N. Y. Moving picture projection screens. Serial No. 404,966; Sept. 20. Class 26.
Urvater, Arnold, Paris, France. Medicinal products for prostatic ointments. Serial No. 402,878; Sept. 20. Class 6.
Van Dulst, Herman H., doing business as The Pervo Company, Los Angeles, Calif. Penetrating paste paint. Serial No. 407,963; Sept. 20. Class 16.
Virginia Rubatex Corporation, Bedford, Va. Insulating board. Serial No. 404,389; Sept. 20. Class 12.
Waterside Milling Company. (See Mennel Milling Company, The.)
Webb Laboratories, Inc., Schenectady, N. Y. Vitamin concentrate capsules. Serial No. 406,842; Sept. 20. Class 6.
Western Condensing Company, San Francisco, Calif. Dried whey. Serial No. 405,790; Sept. 20. Class 46.
Wheeler, Osgood Sales Corporation, Tacoma, Wash. Resin bonded plywood. Serial No. 406,316; Sept. 20. Class 12.
Wilson, E. L., Jamaica, Long Island, N. Y. Battery compounds. Serial No. 408,228; Sept. 20. Class 6.
Wolf Milling Co., The, Ellinwood, Kans. Wheat flour. Serial No. 401,516; Sept. 20. Class 46.
Zimmer, Josef, Brooklyn, N. Y. Fins for use as aids in swimming. Serial No. 401,955; Sept. 20. Class 22.

LIST OF REGISTRANTS OF TRADE-MARKS

Aaronson, I., Dance Frocks, Inc., New York, N. Y. Dinner, dance, and wedding gowns. 360,707; Sept. 20. Class 39.
Ackermann, G. A., Printing Co., Inc., Chicago, Ill. Printed paper folders, circulars, and advertising matter. 360,698; Sept. 20. Class 38.
Air Reduction Sales Company, New York, N. Y. Machines for cutting and welding metal by means of gases. 360,669; Sept. 20; Serial No. 406,701; published July 12, 1938. Class 34.
Alka Movers Company, Inc., New York, N. Y. Alkaline laxative. 360,510; Sept. 20; Serial No. 403,439; published July 5, 1938. Class 6.
Allen, Mark W., & Co., Detroit, Mich. Saponaceous compounds, shaving cream, outfit packages, etc. 360,709; Sept. 20. Class 4.
Allen & Smith Company, Inc., Richmond, Va. Peanut candy and salted peanuts. 360,663; Sept. 20; Serial No. 406,572; published July 12, 1938. Class 46.
Allentown Paint Manufacturing Company, Allentown, Pa. Paints, enamels, shellac, etc. 360,528; Sept. 20; Serial No. 404,282; published July 12, 1938. Class 16.
Allied Stores Corporation, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash. Toilet tissue, paper towels, paper napkins, etc. 360,480; Sept. 20; Serial No. 401,418; published July 12, 1938. Class 37.
Allied Stores Corporation, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash. Women's and girls' hats and visor caps; women's and misses' wear, shoes, etc. 360,553; Sept. 20; Serial No. 405,047; published July 12, 1938. Class 39.
American Brass Company, The. (See Randolph-Clowes Company, assignor.)
American Tobacco Co., The, New York, N. Y. Smoking and chewing tobacco and cigarettes. 123,416; renewed Nov. 12, 1938.
Anemostat Corporation of America, New York, N. Y. Fan-driven ventilators, air diffusers, and air aspirators. 360,623; Sept. 20; Serial No. 406,042; published July 12, 1938. Class 34.
Anemostat Corporation of America, New York, N. Y. Fan-driven ventilators, air diffusers, and air aspirators. 360,626; Sept. 20; Serial No. 406,083; published July 12, 1938. Class 34.
Armstrong Cork Products Company, Lancaster, Pa. Gaskets and washers. 360,705; Sept. 20. Class 35.
Aurax Co., The, New York, N. Y. Vaporizing medicament, 360,547; Sept. 20; Serial No. 404,880; published July 5, 1938. Class 6.
Awful Fresh MacFarlane, Berkeley, Calif. Salted nuts, candy, and chocolate coated nuts. 360,504; Sept. 20; Serial No. 403,108; published July 12, 1938. Class 46.
Averst, McKenna & Harrison (United States), Limited, Rouses Point, N. Y. Vitamin and mineral product. 360,543; Sept. 20; Serial No. 404,828; published July 12, 1938. Class 6.
Baldini, Carmelo, New York, N. Y. Protein and protein compound. 360,668; Sept. 20; Serial No. 406,673; published July 5, 1938. Class 6.
Ballowitz, Dr., & Co. Chemisch-Pharmaz. Fabric G. m. b. H., Berlin-Pankow, Germany, assignor to Split Tablets Corporation. Preparation for treatment of headache. 360,479; Sept. 20; Serial No. 401,366; published July 12, 1938. Class 6.
Bastrop Orchard Co. (See Snyder, Sampson.)
Bates, Hamilton C., doing business as C. J. Bates & Son, Chester, Conn. Manicure and cosmetic brushes. 360,653; Sept. 20; Serial No. 400,439; published July 12, 1938. Class 29.
Baxter, H. C., & Bro., Brunswick, Maine. Canned corn. 360,685; Sept. 20. Class 46.
Becker Pretzel Bakeries, Inc., Baltimore, Md. Pretzels, potato chips, and cheese flavored popcorn. 360,641; Sept. 20; Serial No. 406,268; published July 12, 1938. Class 46.
Berman, Oscar A., assignor to The Ironall Factories, Co., Cincinnati, Ohio. Wearing-apparel. 123,781; renewed Dec. 10, 1938.
Beskind, Sidney, doing business as The Tanophene Co., Coral Gables, Fla. Gargle and mouth wash. 360,637; Sept. 20; Serial No. 406,210; published July 5, 1938. Class 6.
Betty Wells Cosmetic Co. (See Fowler, Ernestine.)
Biltmore Paper Co., Inc., New York, N. Y. Paper napkins, waxed paper, paper towels, etc. 360,645; Sept. 20; Serial No. 406,323; published July 12, 1938. Class 37.
Bi-Rite Hat Co. Inc., New York, N. Y. Ladies' hats. 360,551; Sept. 20; Serial No. 405,007; published July 12, 1938. Class 39.
Black & Decker Manufacturing Company, The, Towson, Md. Electrical apparatus and machines and accessories. 360,455; Sept. 20; Serial No. 397,495; published July 12, 1938. Class 21.
Bloom & Jaffin, New York, N. Y. Underwear and slips, dresses, etc. 360,702; Sept. 20. Class 39.
Bon Marche, The. (See Allied Stores Corporation.)
Bonwit Teller, Inc., New York, N. Y. Coats, capes, scarfs, etc. 360,536; Sept. 20; Serial No. 404,629; published June 14, 1938. Class 39.
Borden Company, The, New York, N. Y. Butter. 360,539–40; Sept. 20; Serial Nos. 404,745–6; published July 12, 1938. Class 46.
Borden Company, The, New York, N. Y. Pasteurized milk. 360,661; Sept. 20; Serial No. 406,545; published July 12, 1938. Class 46.
Bradley Machinery Co., Rockford, Ill. Precision boring machines, planers, shapers, etc. 360,496; Sept. 20; Serial No. 402,708; published July 12, 1938. Class 23.
Bressler, Max, doing business as General Products Company, Chicago, Ill. Cameras. 360,627; Sept. 20; Serial No. 406,114; published July 12, 1938. Class 26.
Brewer & Company, Inc., Worcester, Mass. Tablet indicated in the treatment of certain conditions due to circulatory disorders. 360,658; Sept. 20; Serial No. 406,491; published July 5, 1938. Class 6.
Brewster Wallpaper Company, Quincy, Mass. Wallpaper book covers. 360,594; Sept. 20; Serial No. 405,587; published July 12, 1938. Class 37.
Briscoe, Thomas L., doing business as the Briscoe Dance Wax Co., Spokane, Wash. Preparation for waxing floors. 360,688; Sept. 20. Class 16.

Bristol Company, The, Waterbury, Conn. Indicating and/or recording controller instruments. 360,682; Sept. 20. Class 26.

Buckeye Traction Ditcher Company, Findlay, Ohio. Vacuum control mechanism. 360,534; Sept. 20; Serial No. 404,598; published July 12, 1938. Class 23.

Buffalo Awning & Tent Mfg. Co., to Buffalo Awning and Tent Mfg. Co., Buffalo, N. Y. Awnings, tents, wagon-covers, etc. 124,369; renewed Feb. 11, 1939.

Bulova Watch Company, Inc., New York, N. Y. Watches. 360,646; Sept. 20; Serial No. 406,327; published July 12, 1938. Class 27.

Burger Brewing Company, The, Cincinnati, Ohio. Beer. 360,618; Sept. 20; Serial No. 406,012; published July 12, 1938. Class 48.

California Perfume Company, Inc., New York, N. Y. Perfumes and face powder. 360,589; Sept. 20; Serial No. 405,482; published July 5, 1938. Class 6.

Callahan, Edgar J., Hialeah, Fla. Ointment. 360,595; Sept. 20; Serial No. 405,588; published July 12, 1938. Class 6.

Campbell Soup Company, Camden, N. J. Canned soups, canned pork and beans, canned spaghetti, etc. 360,466; Sept. 20; Serial No. 399,555; published July 12, 1938. Class 46.

Can-O-Lites Manufacturing Corp., Youngstown, Ohio. Portable pyrophoric lighters. 360,437; Sept. 20; Serial No. 392,023; published July 12, 1938. Class 34.

Carnrick, G. W., Co., Newark, N. Y. Combination of ferroussulphate and liver extract. 360,619; Sept. 20; Serial No. 406,014; published July 12, 1938. Class 6.

Cartwright, Robert F., doing business as Labcony, New York, N. Y. Pads for removing nail polish. 360,583; Sept. 20; Serial No. 405,382; published July 12, 1938. Class 6.

Cassone, James C., Allentown, Pa. Astringents, astringent cerates, bleach cream, etc. 360,603; Sept. 20; Serial No. 405,717; published July 12, 1938. Class 6.

Centennial Flouring Mills Co. (See Washington Grain and Milling Co., assignor.)

Ceramic Machinery Company, The, Hamilton, Ohio. Electric, gas-electric, and Diesel-electric locomotives and parts thereof. 360,487; Sept. 20; Serial No. 402,247; published July 12, 1938. Class 21.

Champion Chemical Works, Incorporated, New York, N. Y. Chlorinated lime. 360,444; Sept. 20; Serial No. 393,317; published July 5, 1938. Class 6.

Chemico Laboratories. (See Jacobi, Karl.)

Church, C. F., Mfg. Co., Willimansett, Mass. Toilet seats. 360,580; Sept. 20; Serial No. 405,348; published July 12, 1938. Class 13.

Cinaudagraph Corporation, Stamford, Conn. Permanent magnets. 360,579; Sept. 20; Serial No. 405,347; published July 12, 1938. Class 21.

Clairol, Inc., New York, N. Y. Shampoo, hair wash, and hair beautifier preparation. 360,447; Sept. 20; Serial No. 394,582; published June 28, 1938. Class 6.

Classy Leather Goods Corporation, New York, N. Y. Ladies' handbags. 360,516; Sept. 20; Serial No. 403,639; published July 12, 1938. Class 3.

Columbia Tool Steel Company, Chicago Heights, Ill. Metals and metal castings and forgings. 123,983; renewed Dec. 31, 1938.

Columbian Art Works, Inc., Milwaukee, Wis. Wallets, billfolds, and check pad carriers. 360,673; Sept. 20; Serial No. 406,920; published July 12, 1938. Class 3.

Commanditaire Vennootschapp Aandeelen Tielman & Dros, Leiden, Netherlands. Preserved vegetables. 360,500; Sept. 20; Serial No. 402,875; published July 12, 1938. Class 46.

Consolidated Coal Company, The, St. Louis, Mo. Coal. 360,598; Sept. 20; Serial No. 405,633; published July 12, 1938. Class 1.

Co-operative Wholesalt Society (Limited), Manchester, London, and Newcastle-on-Tyne, England, and New York, N. Y., to Co-operative Wholesale Society Limited, Manchester, England. Hog meats and lard. 15,822; re-renewed Sept. 4, 1938.

Cort Shoes, Inc., Cleveland, Ohio. Shoes. 360,684; Sept. 20. Class 39.

Cosgrove, Marion S., New York, N. Y. Preparation for relief of pain of brow plucking, and antiseptic solution. 360,498; Sept. 20; Serial No. 402,770; published June 28, 1938. Class 6.

Cosmic-Ray Enterprises. (See Parfet, Ray T.)

Crafts, G. P., Company, Manchester, N. H. Boots and shoes. 360,503; Sept. 20; Serial No. 403,035; published July 12, 1938. Class 39.

Cravenette Company, U. S. A., The, Hoboken, N. J. Fishline. 360,678; Sept. 20; Serial No. 407,057; published July 12, 1938. Class 22.

Crookes Laboratories, Inc., New York, N. Y. Aqueous, colloidal suspension of manganese hydroxide. 360,590; Sept. 20; Serial No. 405,485; published July 5, 1938. Class 6.

Crookes Laboratories, Inc., New York, N. Y. Calamine. 360,591; Sept. 20; Serial No. 405,486; published July 5, 1938. Class 6.

Cushman Motor Works, The, Lincoln, Nebr. Internal combustion engines and structural parts thereof. 360,538; Sept. 20; Serial No. 404,603; published July 12, 1938. Class 23.

Daviess County Distilling Co., Incorporated, The, Owensboro, Ky. Whiskey. 360,442; Sept. 20; Serial No. 392,966; published July 12, 1938. Class 49.

Day, L. H., & Co., Washington, D. C. Liniment. 360,573; Sept. 20; Serial No. 405,288; published July 12, 1938. Class 6.

Debway Hats, Inc., New York, N. Y. Ladies' hats. 360,513; Sept. 20; Serial No. 403,541; published July 12, 1938. Class 39.

Descours, Genthon, Inc., New York, N. Y. Woven piece goods. 360,633; Sept. 20; Serial No. 406,179; published July 12, 1938. Class 42.

Detroit District Dental Society, Detroit, Mich. Tooth powder. 360,490; Sept. 20; Serial No. 402,294; published July 12, 1938. Class 6.

Detrola Corporation, Detroit, Mich. Radio receiving sets and component parts. 360,581; Sept. 20; Serial No. 405,350; published July 12, 1938. Class 21.

Detwiler, J. Arlington, doing business as Nearby Sales Company, Philadelphia, Pa. Tomato paste. 360,476; Sept. 20; Serial No. 401,210; published July 12, 1938. Class 46.

Distillation Products, Inc. (See Eastman Kodak Company, assignor.)

Dollar Packing Company, Salinas, Calif. Fresh vegetables. 360,446; Sept. 20; Serial No. 393,976; published July 12, 1938. Class 46.

Dow Chemical Company, The, Midland, Mich. Compositions for coating paper, foils, fabrics, etc. 360,571; Sept. 20; Serial No. 405,241; published July 12, 1938. Class 6.

Dukay & Co., New York, N. Y. Buttons and buckles, and molding materials. 360,568; Sept. 20; Serial No. 405,202; published July 12, 1938. Class 40.

Du Pont, E. I., de Nemours and Company, Wilmington, Del. Chemicals. 360,675; Sept. 20; Serial No. 406,964; published July 12, 1938. Class 6.

Eagle Discount Stamp Co., assignor to Eagle Discount Stamp Company, St. Louis, Mo. Trading or discount stamps and coupons. 124,376–7; renewed Feb. 11, 1939.

Earnshaw Knitting Company, Newton, Mass. Infants' and children's shirts and vests. 360,703; Sept. 20; Class 39.

Eastman Kodak Company, Jersey City, N. J., and Rochester, N. Y., assignor to Distillation Products, Inc. High boiling oily esters. 360,620; Sept. 20; Serial No. 406,018; published July 12, 1938. Class 6.

Eastman Smelting & Refining Corp., Boston, Mass. Precious metals. 360,544; Sept. 20; Serial No. 404,841; published July 12, 1938. Class 14.

Eisendrath, B. D., Tanning Company, Chicago, Ill. Calfskin leather. 360,605; Sept. 20; Serial No. 405,771; published July 12, 1938. Class 1.

Electro Products Company. (See Stewart, Patterson O.)

Elliott Addressing Machine Company, The, Cambridge, Mass. Addressing machines and stencil printing apparatus and attachments therefor, etc. 360,439; Sept. 20; Serial No. 392,137; published July 12, 1938. Class 23.

Elliott, B. K., Company, Pittsburgh, Pa. Tracing paper. 360,474; Sept. 20; Serial No. 400,955; published July 12, 1938. Class 37.

Familex Products Company. (See Parent, Romeo.)

Famous Barr Company. (See May Department Stores Company, The.)

Fearn Laboratories, Inc., Chicago, Ill. Meat curing compositions. 360,554–7; Sept. 20; Serial Nos. 405,065–8; published July 5, 1938. Class 6.

Fearn Laboratories, Inc., Chicago, Ill. Curing salts and compounds containing curing salts. 360,584; Sept. 20; Serial No. 405,385; published June 28, 1938. Class 6.

Federline Bros., Bethesda, Md. Prepared food for dogs, cats, etc. 360,509; Sept. 20; Serial No. 403,308; published July 12, 1938. Class 46.

Fibre Conduit Company, The, Orangeburg, N. Y. Conduit, ducts, and pipes, and fittings for the same. 360,511; Sept. 20; Serial No. 403,450; published July 12, 1938. Class 21.

Fibre Conduit Company, The, Orangeburg, N. Y. Conduit, ducts, and pipes, and fittings for the same. 360,533; Sept. 20; Serial No. 404,519; published July 12, 1938. Class 21.

Floret Products Co., New York, N. Y. Effervescent laxative preparation. 360,592; Sept. 20; Serial No. 405,492; published July 5, 1938. Class 6.

Florida Citrus Canners Cooperative, Lake Wales, Fla. Canned fruits and canned fruit juices. 360,585; Sept. 20; Serial No. 405,387; published July 12, 1938. Class 46.

Fowler, Ernestine, doing business as Betty Wells Cosmetic Co., San Francisco Calif. Skin tonic, astringent, and powder base. 360,434; Sept. 20; Serial No. 389,914; published June 28, 1938. Class 6.

Freithofer, F., Manufacturing Co., Inc., Pittsburgh, Pa. Preparation used as a germicide and antiseptic. 360,572; Sept. 20; Serial No. 405,246; published July 5, 1938. Class 6.

Friedman Blau Farber Company, Cleveland, Ohio. Knitted outerwear and headwear. 360,530; Sept. 20; Serial No. 404,405; published July 12, 1938. Class 39.

Friedman, Edward I., Chicago, Ill. Preparation for cleaning and glazing furs. 360,686; Sept. 20. Class 4.

Friedmans' Jewelers, Inc., Savannah, Ga. Genuine diamonds. 360,689; Sept. 20. Class 28.

G. W. Auto Device Co., Pittsburgh, Pa. Safety cut-off valve for hydraulic brake systems. 360,461; Sept. 20; Serial No. 398,896; published July 12, 1938. Class 13.

Garfinkel & Ritter, New York, N. Y. Chemises, panties, night-gowns, etc. 360,582; Sept. 20; Serial No. 405,354; published July 12, 1938. Class 39.

Gas Lift Corporation, Dallas, Tex. Gas lift apparatus and parts therefor. 360,469; Sept. 20; Serial No. 400,281; published July 12, 1938. Class 13.

Geier, P. A., Company, The, Cleveland, Ohio. Electrically operated suction cleaners and parts thereof and attachments and accessories therefor. 360,639; Sept. 20; Serial No. 406,246; published July 12, 1938. Class 21.

Gelloc'de Corporation, Tulsa, Okla. Medicine. 360,560–1; Sept. 20; Serial Nos. 405,111–12; published June 28, 1938. Class 6.

General Chemical Company, New York, N. Y. Insecticides and fungicides. 360,666; Sept. 20; Serial No. 406,639; published July 12, 1938. Class 6.

General Products Company. (See Bressler, Max.)

General Purchasing Company, Paris, France. Perfume. 360,564; Sept. 20; Serial No. 405,154; published July 5, 1938. Class 6.

General Purchasing Company, Paris, France. Perfume. 360,565; Sept. 20; Serial No. 405,155; published June 28, 1938. Class 6.

General Time Instruments Corporation, New York, N. Y., and La Salle, Ill. Clocks and watches. 360,647; Sept. 20; Serial No. 406,336; published July 12, 1938. Class 27.

Gerard Brothers Limited, Nottingham, England. Toilet soaps. 360,482; Sept. 20; Serial No. 401,739; published July 12, 1938. Class 4.

Gerard Brothers Limited, Nottingham, England. Toilet preparations. 360,483; Sept. 20; Serial No. 401,740; published July 12, 1938. Class 6.

Ginsberg, I., Inc., Charleston, S. C. Wiskey. 360,604; Sept. 20; Serial No. 405,721; published July 12, 1938. Class 49.

Glassave Company, Inc., The, New York, N. Y. Stemmed holders for glassware. 360,681; Sept. 20. Class 28.

Glassine Paper Company, The, West Conshohoken, Pa. Laminated glassine paper. 360,642; Sept. 20; Serial No. 406,287; published July 12, 1938. Class 37.

Goldstein Hat Manufacturing Co., Dallas, Tex. Hats and hat bodies. 360,451; Sept. 20; Serial No. 396,125; published July 12, 1938. Class 39.

Golf and Lawn Supply Corporation, Scarsdale, N. Y. Lawn grass seed. 360,624; Sept. 20; Serial No. 406,053; published July 12, 1938. Class 1.

Goodstein, W. H., Millinery Co., Chicago, Ill. Women's hats. 360,524; Sept. 20; Serial No. 404,126; published June 28, 1938. Class 39.

Goodstein, W. H., Millinery Co., Chicago, Ill. Women's hats. 360,525; Sept. 20; Serial No. 404,127; published June 21, 1938. Class 39.

Goodyear Tire & Rubber Company, The, Akron, Ohio. Spark plugs. 360,634; Sept. 20; Serial No. 406,182; published July 12, 1938. Class 21.

Graham Paper Company, St. Louis, Mo. Ledger paper. 360,699; Sept. 20. Class 37.

Grandpa Brands Company. (See Lehman-Rosenfeld Co., The, assignor.)

Greitzer, Meyer, Los Angeles, Calif. Furniture. 360,654; Sept. 20; Serial No. 406,449; published July 12, 1938. Class 32.

Griffin & Company, Chapel Hill, N. C. Preparation for the relief of asthma. 360,593; Sept. 20; Serial No. 405,503; published July 5, 1938. Class 6.

Guerlain Perfumery Corporation of Delaware, Wilmington, Del., and New York, N. Y. Perfumes. 360,574; Sept 20; Serial No. 405,293; published July 5, 1938. Class 6.

Hatcher, Allen B., Charleston, W. Va. Beverages, and sirups and extracts for making the same. 360,467; Sept. 20; Serial No. 399,710; published Jan. 25, 1938. Class 45.

Hawley & Hoops, New York, N. Y. Confectionery. 360,599; Sept. 20; Serial No. 405,645; published July 12, 1938. Class 46.

Hearn Department Stores, Inc., New York, N. Y. Cotton piece goods, sheets, and pillow cases. 360,621; Sept. 20; Serial No. 406,021; published July 12, 1938. Class 42.

Heatbath Corporation, The, West Springfield, Mass. Salt compositions for metal treating baths. 360,541; Sept. 20; Serial No. 404,758; published June 28, 1938. Class 6.

Helms Bakeries, Los Angeles, Calif. Bakery products. 360,431; Sept. 20; Serial No. 384,211; published July 12, 1938. Class 46.

Heminway and Bartlett Silk Co., Watertown, Conn. Silk thread. 360,714; Sept. 20. Class 43.

Hessel, W. F., assignor to W. F. Hessel Company, Inc., New York, N. Y. Electrical switch. 124,307; renewed Feb. 4, 1939.

Hoffman Specialty Company, Waterbury, Conn. Air valves. 360,676–7; Sept. 20; Serial Nos. 406,975–6; published July 12, 1938. Class 13.

Hollywood Pattern Company, Greenwich, Conn. Publication. 360,696; Sept. 20. Class 38.

House of Hollywood, Los Angeles, Calif. Avocado tissue cream, cold cream, deep pore cleanser, etc. 360,575; Sept. 20; Serial No. 405,299; published July 5, 1938. Class 6.

Hudson Motor Car Company, Detroit, Mich. Passenger automobiles. 360,457–8; Sept. 20; Serial Nos. 398,105–6; published Dec. 14, 1937. Class 19.

Inderrieden Canning Co., assignor to The J. B. Inderrieden Company, Chicago, Ill. Canned peas and canned corn. 122,589–90; renewed Aug. 27, 1938.

Indestro Manufacturing Corp., Chicago, Ill. Wrenches and wrench sets. 360,438; Sept. 20; Serial No. 392,125; published July 12, 1938. Class 23.

Inland Steel Company, Chicago, Ill. Open hearth steel. 360,672; Sept. 20; Serial No. 406,808; published July 12, 1938. Class 14.

Instituto Nazionale Medico Farmacologico "Serono", Rome, Italy. Pharmaceutical preparation. 360,477; Sept. 20; Serial No. 401,306; published June 28, 1938. Class 6.

International Filter Co., Chicago, Ill. Ion exchanging and adsorptive materials. 360,529; Sept. 20; Serial No. 404,313; published July 5, 1938. Class 6.

International Latex Corporation, Rochester, N. Y. Bathing cape, latex pants for babies, etc. 360,428; Sept. 20; Serial No. 382,979; published June 7, 1938. Class 39.

International Latex Corporation, Rochester, N. Y. Bathing caps, latex pants for babies, etc. 360,429; Sept. 20; Serial No. 382,980; published June 14, 1938. Class 39.

Ironall Factories Co., The. (See Berman, Oscar A., assignor.)

Italian Swiss Colony, San Francisco, Calif. Wines. 360,492; Sept. 20; Serial No. 402,566; published July 12, 1938. Class 47.

Jackson, Honel A., doing business as The Jackson Electrode Holder Co., Detroit, Mich. Welding electrode holders. 360,484; Sept. 20; Serial No. 401,865; published July 12, 1938. Class 21.

Jacobi, Karl, doing business as Chemico Laboratories, Cranford, N. J. Soluble sulphur. 360,548; Sept. 20; Serial No. 404,898; published July 5, 1938. Class 6.

Jadson Motor Products Co., Bell, Calif. Motor valves, valve grinders, valve seats, etc. 360,562; Sept. 20; Serial No. 405,120; published July 12, 1938. Class 23.

Jaffe, Louis, doing business as Pikabag Service Co., Philadelphia, Pa. Nuts, candy, and spices. 360,638; Sept. 20; Serial No. 406,219; published July 12, 1938. Class 46.

James, Charles L., San Francisco, Calif. Hand-operated razor blade stropping devices. 360,441; Sept. 20; Serial No. 392,537; published July 12, 1938. Class 23.

Jarvis, Harold G., Portland, Oreg. General sterilizing detergent. 360,460; Sept. 20; Serial No. 398,622; published July 5, 1938. Class 6.

Johnson, Jay C., doing business as The House of Johnson, Baltimore, Md. Toilet or wash cloths. 360,600; Sept. 20; Serial No. 405,649; published July 12, 1938. Class 42.

Jones, James B., Evanston, Ill. Solution used as a hair reviver. 360,615; Sept. 20; Serial No. 405,963; published July 12, 1938. Class 6.

Jordan Marsh Company, Boston, Mass. Leather gloves. 360,532; Sept. 20; Serial No. 404,477; published July 12, 1938. Class 39.

Juilliard, A. D., & Co. Inc., New York, N. Y. Automobile upholstery. 360,659; Sept. 20; Serial No. 406,514; published July 12, 1938. Class 42.

Kahn, David, Inc., North Bergen, N. J. Fountain pens, fountain feed pens, mechanical pencils, etc. 360,440; Sept. 20; Serial No. 392,370; published July 12, 1938. Class 37.

Kaye, Edgar C., Gurnee, Ill. Toothpaste. 360,445; Sept. 20; Serial No. 393,858; published July 12, 1938. Class 6.

Keefe Packing Company, The, Arkansas City, Kans. Barbecue ham. 360,612; Sept. 20; Serial No. 405,930; published July 12, 1938. Class 46.

Kewanee Boiler Corporation, Kewanee, Ill. Boilers. 360,670; Sept. 20; Serial No. 406,720; published July 12, 1938. Class 34.

Kleinert, I. B., Rubber Company, New York, N. Y. Make-up and shampoo capes. 360,691; Sept. 20. Class 39.

Kleinert, I. B., Rubber Company, New York, N. Y. Rubber mitts. 360,606; Sept. 20; Serial No. 405,777; published July 12, 1938. Class 39.

Kline, Joe, Mount Morrison, Colo. Live and dressed turkeys. 360,650; Sept. 20; Serial No. 406,387; published July 12, 1938. Class 46.

Klumb, Stanley G., Milwaukee, Wis. Electrical apparatus. 360,687; Sept. 20. Class 21.

Kohrs Packing Company, Davenport, Iowa. Ham, bacon, lard, etc. 124,394–5; renewed Feb. 11, 1939.

Kolbert-Lieberman, Inc., New York, N. Y. Woolen and worsted piece goods. 360,625; Sept. 20; Serial No. 406,060; published July 12, 1938. Class 42.

Kress, S. H., and Company, New York, N. Y. Combination comb and brush sets and toilet sets. 360,440; Sept. 20; Serial No. 395,672; published July 12, 1938. Class 40.

Labcony. (See Cartwright, Robert F.)

Lager, Max, doing business as Regal Lamp Shade Company, New York, N. Y. Lamp shades. 360,497; Sept. 20; Serial No. 402,726; published July 12, 1938. Class 34.

Lander Co. Inc. (See Lundborg Company, assignor.)

Le Cave, Dennis L., Tucson, Ariz. Vegetable doughnuts. 360,502; Sept. 20; Serial No. 403,011; published July 12, 1938. Class 46.
Lehman-Rosenfeld Co., The, assignor, by mesne assignments, to Grandpa Brands Company, Cincinnati, Ohio. Solution for acidulating maltless beverages. 124,111; renewed Jan. 14, 1939.
Lemke, Dr. H. C., Medicine Co., Chicago, Ill. Liniment. 360,436; Sept. 20; Serial No. 391,671; published July 5, 1938. Class 6.
Lilly, Eli, and Company, Indianapolis, Ind. Medicinal preparation. 360,576–7; Sept. 20; Serial Nos. 405,303–4; published July 12, 1938. Class 6.
Limray Co. Inc., New York, N. Y. Product for sunburn preparation. 360,643; Sept. 20; Serial No. 406,297; published July 5, 1938. Class 6.
Little, William S., Montgomery, Ala. Salve. 360,587; Sept. 20; Serial No. 405,451; published July 12, 1938. Class 6.
London House, Ltd., New York, N. Y. Hair brushes, shaving brushes, hand brushes, etc. 360,660; Sept. 20; Serial No. 406,517; published July 12, 1938. Class 29.
Lorch Manufacturing Company, Dallas, Tex. Coats and suits. 360,710; Sept. 20. Class 39.
Lowenstein, M., & Sons, Inc., New York, N. Y. Cotton piece goods. 360,607; Sept. 20; Serial No. 405,816; published July 12, 1938. Class 42.
Lucidol Corporation, Buffalo, N. Y. Compounds or mixtures containing organic peroxides. 360,640; Sept. 20; Serial No. 406,257; published July 12, 1938. Class 6.
Lulu Products. (See Rodriguez, Marie.)
Lundborg Company, assignor, by mesne assignments, to Lundborg Perfumer, Inc., New York, N. Y. Perfumery. 122,509; renewed Aug. 20, 1938.
Lundborg Company, assignor, by mesne assignments, to Lundborg Perfumer, Inc., New York, N. Y. Toilet preparations. 116,334; renewed Apr. 24, 1937.
Lundborg Company, assignor, by mesne assignments, to Lundborg Perfumer, Inc., New York, N. Y. Display-stands for exhibiting perfumery in bottles and other articles for sale. 116,658; renewed May 15, 1937.
Lundborg Company, assignor, by mesne assignments, to Lundborg Perfumer, Inc., New York, N. Y. Perfume, toilet water, toilet creams, etc. 119,334; renewed Nov. 13, 1937.
Lundborg Company, assignor to Lander Co. Inc., New York, N. Y. Perfumery. 122,508; renewed Aug. 20, 1938.
Lyons, Gordon V., Inc., New York, N. Y. Coats and suits. 360,695; Sept. 20. Class 39.
Macgregor Instrument Company, Boston, to MacGregor Instrument Company, Needham, Mass. Dental, medical, and surgical appliances. 121,560; renewed May 7, 1938.
Macy, R. H., & Co. Inc., New York, N. Y. Women's hats. 360,427; Sept. 20; Serial No. 381,276; published July 12, 1938. Class 39.
Marcus, Myra B. and H. S., New York, N. Y. Perfumes, face powders, body powders, etc. 360,491; Sept. 20; Serial No. 402,303; published June 28, 1938. Class 6.
Marks, Meyer S., Chicago, Ill. Facial pack. 360,616; Sept. 20; Serial No. 405,965; published July 5, 1938. Class 6.
Marshall-Wells Company, Duluth, Minn. Motor-lubricating oil. 124,020; renewed Dec. 31, 1938.
Matlin Cloak and Suit Co., Inc., New York, N. Y. Coats and suits. 360,690; Sept. 20. Class 39.
May Department Stores Company, The, New York, N. Y.; Cleveland and Akron, Ohio; Baltimore, Md.; Los Angeles, Calif.; and Denver, Colo., doing business as Famous Barr Company, St. Louis, Mo. Fur coats. 360,708; Sept. 30. Class 39.
McLachlan, George, Hat Company, The, Danbury, Conn. Felt hats and felt hat bodies. 360,700; Sept. 20. Class 39.
McNeil Drug Company, doing business as McNeil Drug Co. (Inc.), Jacksonville, Fla. Alterative compound. 360,526; Sept. 20; Serial No. 404,132; published July 5, 1938. Class 6.
Meincke, A. M., & Son, Inc., Chicago, Ill. Powdered material for use in coating, filling, or treating printing paper. 360,426; Sept. 20; Serial No. 375,768; published June 28, 1938. Class 6.
Melldale Company, The. (See Truesdale, Melville D.)
Merrell, Wm. S., Company, The, Cincinnati, Ohio. Disinfectant, germicide, and antiseptic. 360,549; Sept. 20; Serial No. 404,948; published June 28, 1938. Class 6.
Mesa Citrus Growers, Mesa, Ariz. Fresh citrus fruit. 360,664; Sept. 20; Serial No. 406,593; published July 12, 1938. Class 46.
Meyer & Lange, Inc., New York, N. Y. Boiled and smoked hams, sausages, and sandwich meat. 360,506; Sept. 20; Serial No. 403,217; published July 12, 1938. Class 46.
Michigan Hair Goods Co. (See Nathans, Robert R.)
Middleton, John, Inc., Philadelphia, Pa. Smoking tobacco, cigars, and cigarettes. 360,515; Sept. 20; Serial No. 403,604; published July 12, 1938. Class 17.
Miller, Max B., & Co. Inc., New York, N. Y. Aluminium earth filtering materials. 360,655; Sept. 20; Serial No. 406,463; published July 12, 1938. Class 1.
Mission Dry Corporation, Los Angeles, Calif. Beverage and syrups and extracts for preparing the same. 360,613; Sept. 20; Serial No. 405,933; published July 12, 1938. Class 45.
Moffet, Samuel A., doing business as S. A. Moffett Company, Seattle, Wash. Quick frozen foods. 360,456; Sept. 20; Serial No. 398,053; published July 12, 1938. Class 46.
Monlior & Boscio, Sucrs., S. en C., Ponce, P. R. Rum. 360,535; Sept. 20; Serial No. 404,616; published July 12, 1938. Class 49.
Morgan, Marguerite J., doing business as New Health Laboratories, East Aurora, N. Y. Laxative. 360,501; Sept. 20; Serial No. 402,947; published June 28, 1938. Class 6.
Nathans, Robert R., doing business as Michigan Hair Goods Co., Detroit, Mich. Pads used for the permanent waving of hair. 360,468; Sept. 20; Serial No. 399,853; published July 12, 1938. Class 44.
National Institute of Music and Arts, Inc., Seattle, Wash. Brass, reed, and stringed musical instruments. 360,635; Sept. 20; Serial No. 406,189; published July 12, 1938. Class 36.
National Institute of Nutrition, Los Angeles, Calif. Calcium phosphate product. 360,566; Sept. 20; Serial No. 405,176; published June 28, 1938. Class 6.
National Institute of Nutrition, Los Angeles, Calif. Nasal inhalant. 360,567; Sept. 20; Serial No. 405,177; published June 28, 1938. Class 6.
National Oil Products Company, Harrison, N. J. Cod liver oil. 360,494; Sept. 20; Serial No. 402,690; published June 28, 1938. Class 6.
Natrona Tobacco Co., Philadelphia, Pa. Cigars, cigarettes, and manufactured tobacco. 122,604; renewed Aug. 27, 1938.
Nearby Sales Company. (See Detwiler, J. Arlington.)
Neo-Techni-Products Corp., Brooklyn, N. Y. Liquid spraying machines. 360,514; Sept. 20; Serial No. 403,554; published July 12, 1938. Class 23.
New Hampshire Diatomite Company, Portsmouth, N. H. Filler for rubber, asphalt, etc. 360,651 Sept. 20; Serial No. 406,430; published July 12, 1938. Class 1.
New Health Laboratories. (See Morgan, Marguerite J.)
Norcross, New York, N. Y. Decorative wrapping paper and writing paper. 360,486; Sept. 20; Serial No. 402,198; published July 12, 1938. Class 37.
Norcross, New York, N. Y. Dolls. 360,507; Sept. 20; Serial No. 403,235; published July 12, 1938. Class 22.
Northwest Paper Company, The, Cloquet, Minn. Paper. 360,464; Sept. 20; Serial No. 399,468; published July 12, 1938. Class 37.
Norwich Pharmacal Company, The, Norwich, N. Y. Cod liver oil concentrate. 360,465; Sept. 20; Serial No. 399,470; published July 5, 1938. Class 6.
Nyanza Color & Chemical Co., Inc., New York, N. Y. Chemicals and dyes. 360,470; Sept. 20; Serial No. 400,318; published July 5, 1938. Class 6.
Oshkosh Trunks, Inc., Oshkosh, Wis. Hand luggage. 360,569; Sept. 20; Serial No. 405,219; published July 12, 1938. Class 3.
Østbye, Peter S., Oslo, Norway. Skis, ski bindings, ski poles, etc. 360,473; Sept. 20; Serial No. 400,922; published July 12, 1938. Class 22.
Parent, Romeo, doing business as Familex Products Company, Montreal, Quebec, Canada. Digestive tonics, cod liver oils, hypophosphite cod liver oils; etc. 360,443; Sept. 20; Serial No. 393,198; published July 5, 1938. Class 6.
Parfet, Ray T., doing business as Cosmic-Ray Enterprises, Kalamazoo, Mich. Bread. 360,628; Sept. 20; Serial No. 406,148; published July 12, 1938. Class 46.
Parfumerie F. Millot, Société Anonyme, Paris, France. Perfume, eau de cologne, lotion for the face, etc. 360,652; Sept. 20; Serial No. 406,431; published July 12, 1938. Class 6.
Parfums Corday, Inc., New York, N. Y. Perfumes. 360,570; Sept. 20; Serial No. 405,221; published June 28, 1938. Class 6.
Park & Tilford, New York, N. Y. Coffee and tea. 124,471; renewed Feb. 18, 1939.
Parke, Davis & Company, Detroit, Mich. Line or group of enteric coated tablets. 360,674; Sept. 20; Serial No. 406,936; published July 12, 1938. Class 6.
Parmentier, John, doing business as Parmentier's Roses, Bayport, N. Y. Horticultural growths and nursery stocks. 360,596; Sept. 20; Serial No. 405,613; published July 12, 1938. Class 1.
Paulian Drug & Chemical Company, St. Louis, Mo. Astringents, astringent cerates, beauty creams, etc. 360,433; Sept. 20; Serial No. 389,264; published June 28, 1938. Class 6.
Peck, Stow & Wilcox Company, The, Southington, Conn. Display and storage cabinets. 360,550; Sept. 20; Serial No. 404,953; published July 12, 1938. Class 32.
Pennex Products Company, Pittsburgh, Pa. Food flavoring extracts. 360,656; Sept. 20; Serial No. 406,466; published July 12, 1938. Class 46.
Pérez, Carlos S., Caracas, Venezuela. Medicinal preparations for treating colds. 360,608; Sept. 20; Serial No. 405,820; published June 28, 1938. Class 6.
Perlberg, Fred, Inc., New York, N. Y. Dresses. 360,604; Sept. 20. Class 39.
Phillips, Max, Brooklyn, N. Y. Ice cream. 360,542; Sept. 20; Serial No. 404,774; published July 12, 1938. Class 46.
Pikabag Service Co. (See Jaffe, Louis.)
Pilley, Frank, & Sons, Inc., Omaha, Nebr. Poultry and hog foods. 360,601; Sept. 20; Serial No. 405,665; published July 12, 1938. Class 46.

Pillsbury Flour Mills Company, Minneapolis, Minn. Wheat flour. 360,488; Sept. 20; Serial No. 402,274; published July 12, 1938. Class 46.
Pioneer Waist Company, Philadelphia, Pa. Silk and cotton waists and dresses. 360,701; Sept. 20. Class 39.
Pollak, Henry, Inc., New York, N. Y. Hat bodies and hats. 360,711–12; Sept. 20. Class 39.
Pophitt Cereal Company, Minneapolis, Minn. Exploded wheat cereal, exploded rice cereal, and exploded corn cereal. 360,622; Sept. 20; Serial No. 400,038; published July 12, 1938. Class 46.
Pratt-Low Preserving Co., Santa Clara, Calif. Canned fruits and canned vegetables. 360,629; Sept. 20. Serial No. 406,149; published July 12, 1938. Class 46.
Proctor, Maurice E., doing business as Protors Products Co., New Haven, Conn. Dental cream. 360,545; Sept. 20; Serial No. 404,867; published June 28, 1938. Class 6.
Progressive Musical Instrument Corporation, New York, N. Y. Reeds for musical instruments, reed and wind musical instruments. 360,471–2; Sept. 20; Serial Nos. 400,527–8; published July 12, 1938. Class 36.
Pynosol Laboratories, Inc., Chicago, Ill. Antiseptic for feminine hygiene. 360,435; Sept. 20; Serial No. 390,668; published July 5, 1938. Class 6.
Quinlan, Kathleen Mary, Inc., New York, N. Y. Perfume. 360,558; Sept. 20; Serial No. 405,082; published July 5, 1938. Class 6.
RCA Manufacturing Company, Inc., Camden, N. J. Devices of the type using a vibratory-switch current-interrupter-rectifier means together with voltage transforming and filtering means to convert direct current of one voltage into direct current of another voltage, and parts thereof. 360,448; Sept. 20; Serial No. 394,955; published July 12, 1938. Class 21.
Randolph-Clowes Company, assignor to The American Brass Company, Waterbury, Conn. Bronze metal. 124,337; renewed Feb. 4, 1939.
Rapp, Arthur R., doing business as Arthur R. Rapp Company, Chicago, Ill. Cigarette holders and smoke filters for same. 360,485; Sept. 20; Serial No. 401,872; published July 12, 1938. Class 8.
Reliable Textile Company, The, Chicago, Ill. Goods treated or coated with materials such as pyroxylin or rubber. 360,523; Sept. 20; Serial No. 404,017; published July 12, 1938. Class 50.
Reliance Manufacturing Company, doing business as The Sterling Company, Chicago, Ill. Ladies' dresses. 360,697; Sept. 20. Class 39.
Regal Lamp Shade Company. (See Lager, Max.)
Richmond Wood Working Company, Richmond, Va. Embalming fluids, cosmetics, and other medical preparations for the dead. 360,563; Sept. 20; Serial No. 405,132; published July 12, 1938. Class 6.
Richter, Theodore A., New York, N. Y. Hair tonic. 360,617; Sept. 20; Serial No. 406,001 published July 12, 1938. Class 6.
Rigaud, Michel, Neuilly, France. Pharmaceutical preparations. 360,508; Sept. 20; Serial No. 403,278; published July 12, 1938. Class 6.
Rio Grande Valley Citrus Exchange, Weslaco, Tex. Fresh citrus fruits and canned fruit juices. 360,463; Sept. 20; Serial No. 399,329; published July 12, 1938. Class 46.
Roche-Organon, Inc., Nutley, N. J. Medicinal preparation. 360,662; Sept. 20; Serial No. 406,565; published July 5, 1938. Class 6.
Rodriguez, Marie, doing business as Lulu Products, New York, N. Y. Shampoo preparation. 360,671; Sept. 20; Serial No. 406,775; published July 5, 1938. Class 6.
Rudkin, Margaret F., Westport, Conn. Bread and cereal food products. 360,512; Sept. 20; Serial No. 403,468; published July 12, 1938. Class 46.
Runyan, W. (Walter) H., Rapid City, S. Dak. Anti-freeze solution. 360,657; Sept. 20; Serial No. 406,468; published July 5, 1938. Class 6.
San Fernando Heights Orange Assn., San Fernando, Calif. Fresh citrus fruit. 360,667; Sept. 20; Serial No. 406,657; published July 12, 1938. Class 46.
Schaller, Carleton, & Co., Inc., New York, N. Y. Linen piece goods. 360,683; Sept. 20. Class 42.
Schering Corporation, Bloomfield, N. J. Laxative preparation. 360,614; Sept. 20; Serial No. 405,938; published July 12, 1938. Class 6.
Schermerhorn Bros. Co., Chicago, Ill. Wall canvas. 360,452; Sept. 20; Serial No. 396,511; published July 12, 1938. Class 42.
Schermerhorn Bros. Co., Chicago, Ill. Wall canvas. 360,453; Sept. 20; Serial No. 396,515; published July 12, 1938. Class 42.
Schnefel Bros. Corporation, Newark, N. J. Base coat nail polish. 360,546; Sept. 20; Serial No. 404,868; published June 28, 1938. Class 6.
Scranton Fuel Company, Newark, N. J., and New York, N. Y. Anthracite coal. 360,517; Sept. 20; Serial No. 403,710; published July 12, 1938. Class 1.
Seltzer, George H., doing business as George H. Seltzer Company, Drexel Hill, Pa. Machine tool equipment. 360,602; Sept. 20; Serial No. 405,670; published July 12, 1938. Class 23.
Shapiro Glove Co., Inc., New York, N. Y. Gloves. 360,475; Sept. 20; Serial No. 401,033; published July 12, 1938. Class 39.
Sheinman, Harry L., & Sons Inc., New York, N. Y. Fabrics. 360,495; Sept. 20; Serial No. 402,700; published July 12, 1938. Class 42.
Sherman, Sol, New York, N. Y. Neckties. 360,692; Sept. 20. Class 39.
Siefen, Ida E., doing business as J. J. Siefen Company, Detroit, Mich. Abrasive bond for setting up polishing wheels and belts. 360,478; Sept. 20; Serial No. 401,361; published July 12, 1938. Class 4.
Siegel, William, doing business as Williams Specialty Co., New York, N. Y. Anti-acid powder. 360,578; Sept. 20; Serial No. 405,323; published July 5, 1938. Class 6.
Skrainka, Ralph N., University City, Mo. Mailing envelopes. 360,586; Sept. 20; Serial No. 405,416; published July 12, 1938. Class 37.
Smit, J. K., & Sons, Inc., New York, N. Y. Diamond core bits, diamond dressing tools, and diamond cutting tools. 360,636; Sept. 20; Serial No. 406,197; published July 12, 1938. Class 23.
Snyder, Sampson, doing business as Bastrop Orchard Co., Bastrop, La. Fresh deciduous fruits. 360,648; Sept. 20; Serial No. 406,353; published July 12, 1938. Class 46.
Societe Anonyme Lancome, Courbevoie and Paris, France. Perfume, face powder, talcum powder, etc. 360,493; Sept. 20; Serial No. 402,654; published July 5, 1938. Class 6.
Socony-Vacuum Oil Company, Incorporated. (See Vacuum Oil Company, assignor.)
Spalding Sales Corporation. (See Wright & Ditson, assignor.)
Split-Tablets Corporation. (See Ballowitz, Dr., & Co. Chemisch-Pharmaz. Fabric G. m. b. H., assignor.)
Squibb, E. R., & Sons, New York, N. Y. Antianemic preparations. 360,588; Sept. 20; Serial No. 405,466; published July 5, 1938. Class 6.
Sta-Rite Hair Pin Company, Shelbyville, Ill. Cosmetics. 360,597; Sept. 20; Serial No. 405,620; published July 12, 1938. Class 6.
Stauffer Chemical Company, New York, N. Y., and San Francisco, Calif. Insecticides and fungicides. 360,610; Sept. 20; Serial No. 405,901; published July 12, 1938. Class 6.
Sterling Company, The. (See Reliance Manufacturing Company.)
Stewart, Patterson O., doing business as Electro Products Company, New York, N. Y. Combustion indication apparatus. 360,531; Sept. 20; Serial No. 404,455; published July 12, 1938. Class 26.
Stockard, Joseph F., Lees Summit, Mo. Medicinal composition for the treatment of poultry. 360,537; Sept. 20; Serial No. 404,667; published June 28, 1938. Class 6.
Swisher, Jno. H., & Son, Inc., Jacksonville, Fla. 360,430; Sept. 20; Serial No. 383,903; published July 12, 1938. Class 17.
Sycamore Coal Corporation, Cinderella, W. Va. Coal. 360,432; Sept. 20; Serial No. 388,962; published July 12, 1938. Class 1.
Tanophene Co., The. (See Beskind, Sidney.)
Tayloe Paper Company, Memphis, Tenn. School tablets, composition books, and typewriter paper. 360,640; Sept. 20, 1938. Serial No. 406,355; published July 12, 1938. Class 37.
Truesdale, Melville D., doing business as The Melldale Company, Stamford, Conn. Bottle openers. 360,559; Sept. 20; Serial No. 405,088; published July 12, 1938. Class 23.
United States Glass Co., Pittsburgh, Pa. Glass table ware and glass bar ware. 360,518–19; Sept. 20; Serial Nos. 403,794–5; published July 12, 1938. Class 33.
United States Glass Co., Pittsburgh, Pa. Glass table ware and glass bar ware. 360,520; Sept. 20; Serial No. 403,797; published July 12, 1938. Class 33.
United States Glass Co., Pittsburgh, Pa. Glass table ware and glass bar ware. 360,521; Sept. 20; Serial No. 403,800; published July 12, 1938. Class 33.
U. S. Naval Academy Alumni Association, Washington, D. C. Publication. 360,679; Sept. 20; Serial No. 406,074; published July 19, 1938. Class 38.
Vacuum Oil Company, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Oils for lubricating textiles. 124,169; renewed Jan. 14, 1939.
Vacuum Oil Company, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricating-oils. 124,420; renewed Feb. 11, 1939.
Vacuum Oil Company, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Oils used for dressing and finishing leather. 124,424; renewed Feb. 11, 1939.
Vaghelatos, James, Toledo, Ohio. Beauty treatment medicated preparations. 360,489; Sept. 20; Serial No. 402,281; published June 28, 1938. Class 6.
Van Camp Sea Food Co., Inc., Terminal Island, Calif. Poultry food. 360,713; Sept. 20. Class 46.
Vermont Asbestos Corporation, Hyde Park, Vt., and New York, N. Y. Asbestos fibre. 360,499; Sept. 20; Serial No. 402,805; published July 12, 1938. Class 1.
Vick Chemical Company, New York, N. Y. Medicinal preparation. 360,665; Sept. 20; Serial No. 406,618; published July 5, 1938. Class 6.
Viscosity Oil Company, Chicago, Ill. Lubricating-grease. 124,061; renewed Dec. 31, 1938.
Wahl Company, The, Chicago, Ill. Fountain pens and parts thereof. 360,609; Sept. 20; Serial No. 405,829; published July 12, 1938. Class 37.
Warren Woolen Co., Stafford Springs, Conn. Woolen piece goods. 360,693; Sept. 20. Class 42.

Washington Grain and Milling Co., Reardan, assignor to Centennial Flouring Mills Co., Seattle, Wash. Wheatflour. 124,427; renewed Feb. 11, 1939.
Waverly Growers Cooperative, Waverly, Fla. Fresh citrus fruits. 360,481; Sept. 20; Serial No. 401,632; published July 12, 1938. Class 46.
Webwood Corporation, New York, N. Y. Shoe-heels and heel bases. 360,704; Sept. 20. Class 39.
Weissberg, Harry E., San Diego, Calif. Trailers. 360,552; Sept. 20; Serial No. 405,042; published July 12, 1938. Class 19.
Welwood, John C., Corporation, New York, N. Y. Ribbons and velvet. 360,706; Sept. 20. Class 42.
White, H. Kirk, and Company, Oconomowoc, Wis. Deodorant tablets. 360,522; Sept. 20; Serial No. 403,884; published June 28, 1938. Class 6.
White Laboratories, Inc., Newark, N. J. Chewing gum. 360,505; Sept. 20; Serial No. 403,155; published June 28, 1938. Class 6.
Wickwire Spencer Steel Company, New York, N. Y. Metal conveyor belts. 360,454; Sept. 20; Serial No. 397,234; published July 12, 1938. Class 23.
Williams Specialty Co. (See Siegel, William.)
Wolf, Benjamin, Co., Inc., New York, N. Y. Scarfs. 360,611; Sept. 20; Serial No. 405,904; published July 12, 1938. Class 39.
Wolf, Jacques, & Co., Clifton, N. J. Catalyst. 360,527; Sept. 20; Serial No. 404,150; published June 28, 1938. Class 6.
Woodward & Lothrop, Washington, D. C. Hooked rugs, sheets, and pillow-cases. 360,680; Sept. 20. Class 42.
Woolworth, F. W., Co., Watertown and New York, N. Y. Cold cream soap. 360,644; Sept. 20; Serial No. 406,319; published July 12, 1938. Class 4.
Wright & Ditson, Boston, Mass, assignor to Spalding Sales Corporation, New York, N. Y. Golf-balls. 123,512; renewed Nov. 12, 1938.
Wróblewski, David, doing business as D. Wróblewski and Company, Brooklyn, N. Y. Perfumes, lipsticks, hair tonics, etc. 360,459; Sept. 20; Serial No. 398,226; published Mar. 1, 1938. Class 6.
Wülfing, Johann A., Berlin, Germany. Sleep inducing agents and preparations. 360,450; Sept. 20; Serial No. 395,973; published July 12, 1938. Class 6.
Younghusband, James L., Chicago, Ill. Cleansing pads. 360,462; Sept. 20; Serial No. 398,955; published May 24, 1938. Class 29.
Zenith Radio Corporation, Chicago, Ill. Radio frequency and audio frequency transmitting and receiving apparatus, and parts thereof. 360,630–2; Sept. 20; Serial Nos. 406,160–2; published July 12, 1938. Class 21.

LIST OF REGISTRANTS OF LABELS

Arakelian, K., Inc., Chicago, Ill. Carioca. For Straight California Grape Brandy. 51,819; Sept. 20.
Barrett's Laboratories. (See Pfeiffer, S., Mfg. Co.)
Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Oralgum. For Chewing Gum. 51,820–1; Sept. 20.
Cunningham, R. R., Cambridge, Md. White Hall. For Peaches. 51,822; Sept. 20.
Gilbert, A. C., Company, The, New Haven, Conn. Polar Cub Electric Vibrator. For Electric Vibrators. 51,823; Sept. 20.
Hoague-Sprague Corporation, Lynn, Mass. Bett Maid. For Boxes. 51,824; Sept. 20.
Hoague-Sprague Corporation, Lynn, Mass. Sallyana Fashions. For Boxes. 51,825; Sept. 20.
Hoague-Sprague Corporation, Lynn, Mass. Gold Medal Fine Shoes. For Boxes. 51,426; Sept. 20.
Hoague-Sprague Corporation, Lynn, Mass. Walk-O-Rite. For Boxes. 51,827; Sept. 20.
Hoague-Sprague Corporation, Lynn, Mass. C M O Quality Shoes. For Boxes. 51,828; Sept. 20.
Hoague-Sprague Corporation, Lynn, Mass. Thrifty-Nifties. For Boxes. 51,829; Sept. 20.
Hoague-Sprague Corporation, Lynn, Mass. Youthful Mode. For Boxes. 51,830; Sept. 20.
Hoague-Sprague Corporation, Lynn, Mass. Youthful Mode Hand Crafted for Flexibility. For Boxes. 51,831; Sept. 20.
Horrocks-Ibbotson Company, Utica, N. Y. Claw-Curv Snelled Hooks. For Snelled Hooks. 51,832; Sept. 20.
National Mineral Company, Chicago, Ill. Happy Hands. For a Hand Cream. 51,833; Sept. 20.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Isle O'Gold. For Bartlett Pears. 51,834; Sept. 20.
Oconomowoc Canning Company, Oconomowoc, Wis. Big Green Sweet Garden Peas. For Canned Peas. 51,835; Sept. 20.
Oconomowoc Canning Company, Oconomowoc, Wis. Big Sweet Tender Garden Peas. For Canned Peas. 51,836; Sept. 20.
Pfeiffer, S., Mfg. Co., doing business as Barrett's Laboratories, St. Louis, Mo. Barrett's Tablets. For Tablets to Aid in the Relief of Sour Stomach, Heartburn, Gas, Flatulence, Sour Belching, Bloating, and Fullness after Eating. 51,837; Sept. 20.
Pollock Paper & Box Company, Dallas, Tex. Loy's Butter. For Butter. 51,838; Sept. 20.
Pollock Paper & Box Company, Dallas, Tex. Rainbow Butter. For Butter. 51,839; Sept. 20.
Smith Bros., Inc., New Bedford, Mass. Smith's. For Stock Ale. 51,840; Sept. 20.
Standard Brands Incorporated, New York, N. Y. Green Label. For Tea Balls. 51,841; Sept. 20.
Union Oil Company of California, Los Angeles, Calif. Union Super Stop Freeze. For an Anti-Freeze Compound. 51,842; Sept. 20.
"X" Laboratories, Inc., New York, N. Y. "X" Clean. For a Dirt and Grease Removing Compound. 51,843; Sept. 20.
"X" Laboratories, Inc., New York, N. Y. "X" Shine. For a Liquid Polishing Compound. 51,844; Sept. 20.

LIST OF REGISTRANTS OF PRINTS

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Oralgum. For Chewing Gum. 17,047; Sept. 20.
General Mills, Inc., Minneapolis, Minn. Coaxing Cora Couldn't get her Child to Eat Breakfast without Bribing Him until . . . For Cereal Food. 17,048; Sept. 20.
Hoffman, S. L., & Co., Inc., New York, N. Y. Utility Frocks and Uniforms Adjustable to Fit You Perfectly with the Automatic Self Sizer. For Frocks and Uniforms. 17,049; Sept. 20.
Parker Pen Company, The, Janesville, Wis. In 1888 He Shot an Inspired Arrow into Time and Space. For Fountain Pens and Mechanical Pencils. 17,050; Sept. 20.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Asbestos fibre. Vermont Asbestos Corporation. 360,499; Sept. 20; Serial No. 402,805; published July 12, 1938.
Coal. Consolidated Coal Company. 360,598; Sept. 20; Serial No. 405,633; published July 12, 1938.
Coal. Sycamore Coal Corporation. 360,432; Sept. 20; Serial No. 388,962; published July 12, 1938.
Coal, Anthracite. Scranton Fuel Company. 360,517; Sept. 20; Serial No. 403,710; published July 12, 1938.
Filler for rubber, asphalt, etc. New Hampshire Diatomite Company. 360,651; Sept. 20; Serial No. 406,430; published July 12, 1938.
Horticultural growths and nursery stocks. J. Parmentier. 360,596; Sept. 20; Serial No. 405,613; published July 12, 1938.
Leather, Calfskin. B. D. Eisendrath Tanning Company. 360,605; Sept. 20; Serial No. 405,771; published July 12, 1938.
Materials, Aluminum earth filtering. Max B. Miller & Co. Inc. 360,655; Sept. 20; Serial No. 406,463; published July 12, 1938.
Seed, Lawn grass. Golf and Lawn Supply Corporation. 360,624; Sept. 20; Serial No. 406,053; published July 12, 1938.

CLASS 3

Handbags, Ladies'. Classy Leather Goods Corporation. 360,516; Sept. 20; Serial No. 403,639; published July 12, 1938.
Luggage, Hand. Oshkosh Trunks, Inc. 360,569; Sept. 20; Serial No. 405,219; published July 12, 1938.
Wallets, billfolds, and check pad carriers. Columbian Art Works, Inc. 360,673; Sept. 20; Serial No. 406,920; published July 12, 1938.

CLASS 4

Abrasive bond for setting up polishing wheels and belts. I. E. Siefen. 360,478; Sept. 20; Serial No. 401,361; published July 12, 1938.
Oils used for dressing and finishing leather. Vacuum Oil Company. 124,424; renewed Feb. 11, 1939.
Outfit packages. Mark W. Allen & Co. 360,709; Sept. 20.
Preparation for cleaning and glazing furs. E. I. Friedman. 360,686; Sept. 20.
Soap, Cold cream. F. W. Woolworth Co. 360,644; Sept. 20; Serial No. 406,319; published July 12, 1938.
Soaps, Toilet. Gerard Brothers Limited. 360,482; Sept. 20; Serial No. 401,739; published July 12, 1938.

CLASS 6

Alterative compound. McNeil Drug Company. 360,526; Sept. 20; Serial No. 404,132; published July 5, 1938.
Anti-acid powder. W. Siegel. 360,578; Sept. 20; Serial No. 405,323; published July 5, 1938.
Antianemic preparations. E. R. Squibb & Sons. 360,588; Sept. 20; Serial No. 405,466; published July 5, 1938.
Anti-freeze solution. W. H. Runyan. 360,657; Sept. 20; Serial No. 406,468; published July 5, 1938.
Antiseptic for feminine hygiene. Pynosol Laboratories, Inc. 360,435; Sept. 20; Serial No. 390,668; published July 5, 1938.
Astringents, astringent cerates, bleach creams, etc. J. C. Cassone. 360,603; Sept. 20; Serial No. 405,717; published July 12, 1938.
Astringents, astringent cerates, beauty creams, etc. Paulian Drug & Chemical Company. 360,433; Sept. 20; Serial No. 389,264; published June 28, 1938.
Calamine. Crookes Laboratories, Inc. 360,591; Sept. 20; Serial No. 405,480; published July 5, 1938.
Calcium phosphate product. National Institute of Nutrition. 360,566; Sept. 20; Serial No. 405,176; published June 28, 1938.
Catalyst. Jacques Wolf & Co. 360,527; Sept. 20; Serial No. 404,150; published June 28, 1938.
Chemicals. E. I. du Pont de Nemours and Company. 360,675; Sept. 20; Serial No. 406,964; published July 12, 1938.
Chemicals and dyes. Nyanza Color & Chemical Co. 360,470; Sept. 20; Serial No. 400,318; published July 5, 1938.
Cod liver oil. National Oil Products Company. 360,494; Sept. 20; Serial No. 402,690; published June 28, 1938.
Cod liver oil concentrate. Norwich Pharmacal Company. 360,465; Sept. 20; Serial No. 399,470; published July 5, 1938.
Compositions for coating paper, foils, fabrics, etc. Dow Chemical Company. 360,571; Sept. 20; Serial No. 405,241; published July 12, 1938.
Compounds or mixtures containing organic peroxides, etc. Lucidol Corporation. 360,640; Sept. 20; Serial No. 406,257; published July 12, 1938.
Cosmetics. Sta-Rite Hair Pin Company. 360,597; Sept. 20; Serial No. 405,620; published July 12, 1938.
Cream, cold cream, deep pore cleanser, etc., Avocado tissue. House of Hollywood. 360,575; Sept. 20; Serial No. 405,299; published July 5, 1938.
Curing compositions, Meat. Fearn Laboratories, Inc. 360,554–7; Sept. 20; Serial Nos. 405,065–8; published July 5, 1938.
Dental cream. M. E. Proctor. 360,545; Sept. 20; Serial No. 404,867; published June 28, 1938.
Deodorant tablets. H. Kirk White and Company. 360,522; Sept. 20; Serial No. 403,884; published June 28, 1938.
Detergent, General sterilizing. H. G. Jarvis. 360,460; Sept. 20; Serial No. 398,622; published July 5, 1938.
Disinfectant, germicide, and antiseptic. Wm. S. Merrell Company. 360,549; Sept. 20; Serial No. 404,948; published June 28, 1938.
Embalming fluids, cosmetics, and other medical preparations for the dead. Richmond Wood Working Company. 360,563; Sept. 20; Serial No. 405,132; published July 12, 1938.
Esters, High boiling oily. Eastman Kodak Company. 360,620; Sept. 20; Serial No. 406,018; published July 12, 1938.
Facial pack. M. S. Marks. 360,616; Sept. 20; Serial No. 405,965; published July 5, 1938.
Ferrous sulphate and liver extract, Combination of. G. W. Carnrick Co. 360,619; Sept. 20; Serial No. 406,014; published July 12, 1938.
Gargle and mouth wash. S. Beskind. 360,637; Sept. 20; Serial No. 406,210; published July 5, 1938.
Gum, Chewing. White Laboratories, Inc. 360,505; Sept. 20; Serial No. 403,155; published June 28, 1938.
Hair tonic. T. A. Richter. 360,617; Sept. 20; Serial No. 406,001; published July 12, 1938.
Inhalant. Nasal. National Institute of Nutrition. 360,567; Sept. 20; Serial No. 405,177; published June 28, 1938.
Insecticides and fungicides. General Chemical Company. 360,666; Sept. 20; Serial No. 406,639; published July 12, 1938.
Insecticides and fungicides. Stauffer Chemical Company. 360,610; Sept. 20; Serial No. 405,901; published July 12, 1938.
Ion exchanging and adsorptive materials. International Filter Co. 360,529; Sept. 20; Serial No. 404,313; published July 5, 1938.
Laxative. M. J. Morgan. 360,501; Sept. 20; Serial No. 402,947; published June 28, 1938.
Laxative, Alkaline. Alka-Movers Company. 360,510; Sept. 20; Serial No. 403,439; published July 5, 1938.
Laxative preparation. Schering Corporation. 360,614; Sept. 20; Serial No. 405,938; published July 12, 1938.
Laxative preparation, Effervescent. Floret Products Co. 360,592; Sept. 20; Serial No. 405,492; published July 5, 1938.
Lime, Chlorinated. Champion Chemical Works, Incorporated. 360,444; Sept. 20; Serial No. 393,317; published July 5, 1938.
Liniment. L. H. Day & Co. 360,573; Sept. 20; Serial No. 405,288; published July 12, 1938.
Liniment. Dr. H. C. Lemke Medicine Co. 360,436; Sept. 20; Serial No. 391,671; published July 5, 1938.
Lipsticks, rouge, face powder, etc. J. L. Younghusband. 360,462; Sept. 20; Serial No. 398,955; published Feb. 8, 1938.
Manganese hydroxide, Aqueous, colloidal suspension of. Crookes Laboratories, Inc. 360,590; Sept. 20; Serial No. 405,485; published July 5, 1938.
Medicament, Vaporizing. Aurax Co. 360,547; Sept 20; Serial No. 404,880; published July 5, 1938.
Medicated preparations, Beauty treatment. J. Vaghelatos. 360,489; Sept. 20; Serial No. 402,281; published June 28, 1938.
Medicine. Gellocide Corporation. 360,560–1; Sept. 20; Serial Nos 405,111–12; published June 28, 1938.
Medicinal composition for the treatment of poultry. J. F. Stockard. 360,537; Sept. 20; Serial No. 404,667; published June 28, 1938.
Medicinal preparation. Eli Lilly and Company. 360,576–7; Sept. 20; Serial Nos. 405,303–4; published July 12, 1938.
Medicinal preparation. Roche-Organon, Inc. 360,662; Sept. 20; Serial No. 406,565; published July 5, 1938.
Medicinal preparation. Vick Chemical Company. 360,665; Sept. 20; Serial No. 406,618; published July 5, 1938.
Medicinal preparations. C. S. Perez. 360,608; Sept. 20; Serial No. 405,820; published June 28, 1938.
Nail polish, Base coat. Schnefel Bros. Corporation. 360,546; Sept. 20; Serial No. 404,868; published June 28, 1938.
Oils for lubricating textiles. Vacuum Oil Company. 124,169; renewed Jan. 14, 1939.
Ointment. E. J. Callahan. 360,595; Sept. 20; Serial No. 405,588; published July 12, 1938.
Pads for removing nail polish. R. F. Cartwright. 360,583; Sept. 20; Serial No. 405,382; published July 12, 1938.
Perfume. General Purchasing Company. 360,564; Sept. 20; Serial No. 405,154; published July 5, 1938.
Perfume. General Purchasing Company. 360,565; Sept. 20; Serial No. 405,155; published June 28, 1938.
Perfume, Kathleen Mary Quinlan, Inc. 360,558; Sept. 20; Serial No. 405,082; published July 5, 1938.
Perfume, face powder, talcum powder, etc. Societe Anonyme Lancome. 360,493; Sept. 20; Serial No. 402,654; published July 5, 1938.
Perfume, toilet water and creams, etc. Lundborg Company. 119,334; renewed Nov. 13, 1937.
Perfumes. Guerlain Perfumery Corporation of Delaware. 360,574; Sept. 20; Serial No. 405,293; published July 5, 1938.
Perfumes. Parfums Corday, Inc. 360,570; Sept. 20; Serial No. 405,221; published June 28, 1938.
Perfumes and face powder. California Perfume Company. 360,589; Sept. 20; Serial No. 405,482; published July 5, 1938.
Perfumes, face powders, body powders, etc. M. B. and H. S. Marcus. 360,491; Sept 20; Serial No. 402,303; published June 28, 1938.
Perfumes, lipsticks, hair tonics, etc. D. Wróblewski. 360,459; Sept. 20; Serial No. 398,226; published Mar. 1, 1938.
Perfumery. Lundborg Company. 122,508; renewed Aug. 20, 1938.
Perfumery. Lundborg Company. 122,509; renewed Aug. 20, 1938.
Perfums, eau de cologne, lotion for the face, etc. Parfumerie F. Millot, Société Anonyme. 360,652; Sept. 20; Serial No. 406,431; published July 12, 1938.
Pharmaceutical preparation. Instituto Nazionale Medico Farmacologico "Serono." 360,477; Sept. 20; Serial No. 401,306; published June 28, 1938.
Pharmaceutical preparations. M. Rigaud. 360,508; Sept. 20; Serial No. 403,278; published July 12, 1938.
Powder, Tooth. Detroit District Dental Society. 360,490; Sept. 20; Serial No. 402,294; published July 12, 1938.
Powdered material for use in coating, filling, or treating printing paper. A. M. Meincke & Son, Inc. 360,426; Sept. 20; Serial No. 375,768; published June 28, 1938.
Preparation for the relief of asthma. Griffin & Company. 360,593; Sept. 20; Serial No. 405,503; published July 5, 1938.
Preparation for relief of pain of brow plucking, and antiseptic solution. M. S. Cosgrove. 360,498; Sept. 20; Serial No. 402,770; published June 28, 1938.
Preparation for treatment of headache. Dr. Ballawitz & Co. Chemisch-Pharmaz. Fabric G. m. b. H. 360,479; Sept. 20; Serial No. 401,366; published July 12, 1938.

Preparation used as a germicide and antiseptic. F. Freithofer Manufacturing Co. 360,572; Sept. 20; Serial No. 405,246; published July 5, 1938.
Product for sunburn preparation. Limray Co. Inc. 360,643; Sept. 20; Serial No. 406,297; published July 5, 1938.
Protein and protein compound. C. Baldini. 360,668; Sept. 20; Serial No. 406,673; published July 5, 1938.
Salt compositions for metal treating baths. Heatbath Corporation. 360,541; Sept. 30; Serial No. 404,758; published June 28, 1938.
Salts and compounds containing curing salts, Curing. Fearn Laboratories, Inc. 360,584; Sept. 20; Serial No. 405,385; published June 28, 1938.
Salve. W. S. Little. 360,587; Sept. 20; Serial No. 405,451; published July 12, 1938.
Shampoo, hair wash, and hair beautifier preparation. Clairol, Inc. 360,447; Sept. 20; Serial No. 394,582; published June 28, 1938.
Shampoo preparation. M. Rodriguez. 360,671; Sept. 20; Serial No. 406,775; published July 5, 1938.
Skin tonic, astringent, and powder base. E. Fowler. 360,434; Sept. 20; Serial No. 389,914; published June 28, 1938.
Sleep inducing agents. J. A. Wolfing. 360,450; Sept. 20; Serial No. 395,973; published July 12, 1938.
Solution used as a hair reviver. J. B. Jones. 360,615; Sept. 20; Serial No. 405,963; published July 12, 1938.
Sulphur, Soluble. K. Jacobi. 360,548; Sept. 20; Serial No. 404,898; published July 5, 1938.
Tablet indicated in the treatment of certain conditions due to circulatory disorders. Brewer & Company. 360,658; Sept. 20; Serial No. 406,491; published July 5, 1938.
Tablets, Line or group of enteric coated. Parke, Davis & Company. 360,674; Sept. 20; Serial No. 404,936; published July 12, 1938.
Toilet preparations. Gerard Brothers Limited. 360,483; Sept. 20; Serial No. 401,740; published July 12, 1938.
Toilet preparations. Lundborg Company. 116,334; renewed Apr. 24, 1937.
Tonics, cod liver oils, hypophosphite cod liver oils; etc., Digestive. R. Parent. 360,443; Sept. 20; Serial No. 393,198; published July 5, 1938.
Tooth paste. E. C. Kaye. 360,445; Sept. 20; Serial No. 393,858; published July 12, 1938.
Vitamin and mineral product. Ayerst, McKenna & Harrison (United States), Limited. 360,543; Sept 20; Serial No. 404,828; published July 12, 1938.

CLASS 8

Cigarette holders and smoke filters for same. A. R. Rapp. 360,485; Sept. 20; Serial No. 401,872; published July 12, 1938.

CLASS 13

Gas lift apparatus and parts therefor. Gas Lift Corporation. 360,469; Sept. 20; Serial No. 400,281; published July 12, 1938.
Seats, Toilet. C. F. Church Mfg. Co. 360,580; Sept. 20; Serial No. 405,348; published July 12, 1938.
Valve for hydraulic brake systems, Safety cut-off. G. W. Auto Device Co. 360,461; Sept. 20; Serial No. 398,896; published July 12, 1938.
Valves, Air. Hoffman Specialty Company. 360,676–7 Sept. 20; Serial Nos. 406,975–6; published July 12, 1938.

CLASS 14

Bronze metal. Randolph-Clowes Company. 124,337; renewed Feb. 4, 1939.
Metals and metal castings and forgings. Columbia Tool Steel Company. 123,983; renewed Dec. 31, 1938.
Metals, Precious. Eastern Smelting & Refining Corp. 360,544; Sept. 20; Serial No. 404,841; published July 12, 1938.
Steel, Open hearth. Inland Steel Company. 360,672; Sept. 20; Serial No. 406,808; published July 12, 1938.

CLASS 15

Grease, Lubricating. Viscosity Oil Company. 124,061; renewed Dec. 31, 1938.
Oil, Motor-lubricating. Marshall-Wells Company. 124,020; renewed Dec. 31, 1938.
Oils, Lubricating. Vacuum Oil Company. 124,426; renewed Feb. 11, 1939.

CLASS 16

Paints, enamels, shellac, etc. Allentown Paint Manufacturing Company. 360,528; Sept. 20; Serial No. 404,282; published July 12, 1938.
Preparation for waxing floors. T. L. Briscoe. 360,688; Sept. 20.

CLASS 17

Cigars. Jno. H. Swisher & Son, Inc. 360,430; Sept. 20; Serial No. 383,903; published July 12, 1938.
Cigars, cigarettes, and manufactured tobacco. Natrona Tobacco Co. 122,604; renewed Aug. 27, 1938.
Tobacco and cigarettes, Smoking and chewing. American Tobacco Co. 123,416; renewed Nov. 12, 1938.
Tobacco, cigars, and cigarettes, Smoking. John Middleton Inc. 360,515; Sept. 20; Serial No. 403,604; published July 12, 1938.

CLASS 19

Automobiles, Passenger. Hudson Motor Car Company. 360,457–8; Sept. 20; Serial Nos. 398,105–6; published Dec. 14, 1937.
Trailers. H. E. Weissberg. 360,552; Sept. 20; Serial No. 405,042; published July 12, 1938.

CLASS 21

Cleaners and parts thereof and attachments and accessories therefor, Electrically operated suction. P. A. Geier Company. 360,639; Sept. 20; Serial No. 406,246; published July 12, 1938.
Conduit, ducts, and pipes, and fittings for the same. Fibre Conduit Company. 360,511; Sept. 20; Serial No. 403,450; published July 12, 1938.
Conduit, ducts, and pipes, and fittings for the same. Fibre Conduit Company. 360,533; Sept. 20; Serial No. 404,519; published July 12, 1938.
Devices of the type using a vibratory-switch current-intersystem-rectifier means together with voltage transforming and filtering means to convert direct current of one voltage into direct current of another voltage, and parts thereof. RCA Manufacturing Company. 360,448; Sept. 20; Serial No. 394,955; published July 12, 1938.
Electrical apparatus. S. G. Klumb. 360,687; Sept. 20.
Electrical apparatus and machines and accessories. Black & Decker Manufacturing Company. 360,455; Sept. 20; Serial No. 397,495; published July 12, 1938.
Electrical switch. W. F. Hessel. 124,307; renewed Feb. 4, 1939.
Locomotives and parts thereof, Electric, gas-electric, and Diesel-electric. Ceramic Machinery Company. 360,487; Sept. 20; Serial No. 402,247; published July 12, 1938.
Magnets, Permanent. Cinaudagraph Corporation. 360,579; Sept. 20; Serial No. 405,347; published July 12, 1938.
Radio frequency and audio frequency transmitting and receiving apparatus and parts thereof. Zenith Radio Corporation. 360,630–2; Sept. 20; Serial Nos. 406,160–2; published July 12, 1938.
Radio receiving sets and component parts. Detrola Corporation. 360,581; Sept. 20; Serial No. 405,350; published July 12, 1938.
Spark plugs. Goodyear Tire & Rubber Company. 360,634; Sept. 20; Serial No. 406,182; published July 12, 1938.
Welding electrode holders. H. A. Jackson. 360,484; Sept. 20; Serial No. 401,865; published July 12, 1938.

CLASS 22

Dolls, Norcross. 360,507; Sept. 20; Serial No. 403,235; published July 12, 1938.
Fish-line. Cravenette Company, U. S. A. 360,678; Sept. 20; Serial No. 407,057; published July 12, 1938.
Golf-balls. Wright & Ditson. 123,512; renewed Nov. 12, 1938.
Skis, ski bindings, ski poles, etc. P. S. Østbye. 360,473; Sept. 20; Serial No. 400,922; published July 12, 1938.

CLASS 23

Addressing machines and stencil printing apparatus and attachments therefor, etc. Elliott Addressing Machine Company. 360,439; Sept. 20; Serial No. 392,137; published July 12, 1938.
Bits, diamond dressing tools, and diamond cutting tools, Diamond core. J. K. Smit & Sons, Inc. 360,636; Sept. 20; Serial No. 406,197; published July 12, 1938.
Boring machines, planers, shapers, etc., Precision. Bradley Machinery Co. 360,496; Sept. 20; Serial No. 402,708; published July 12, 1938.
Conveyor belts, Metal. Wickwire Spencer Steel Company. 360,454; Sept. 20; Serial No. 397,234; published July 12, 1938.
Engines and structural parts thereof, Internal combustion. Cushman Motor Works. 360,538; Sept. 20; Serial No. 404,693; published July 12, 1938.
Openers, Bottle. M. D. Truesdale. 360,559; Sept. 20; Serial No. 405,088; published July 12, 1938.
Razor blade stropping devices, Hand-operated. C. L. James. 360,441; Sept. 20; Serial No. 392,537; published July 12, 1938.
Spraying machines, Liquid. Neo-Techni-Products Corp. 360,514; Sept. 20; Serial No. 403,554; published July 12, 1938.
Tool equipment, Machine. G. H. Seltzer. 360,602; Sept. 20; Serial No. 405,670; published July 12, 1938.
Vacuum control mechanism. Buckeye Traction Ditcher Company. 360,534; Sept. 20; Serial No. 404,598; published July 12, 1938.
Valves, valve grinders, valve seats, etc., Motor. Jadson Motor Products Co. 360,562; Sept. 20; Serial No. 405,120; published July 12, 1938.
Wrenches and wrench sets. Indestro Manufacturing Corp. 360,438; Sept. 20; Serial No. 392,125; published July 12, 1938.

CLASS 26

Cameras. M. Bressler. 360,627; Sept. 20; Serial No. 406,114; published July 12, 1938.
Combustion indication apparatus. P. O. Stewart. 360,531; Sept. 20; Serial No. 404,455; published July 12, 1938.

Indicating and/or recording controller instruments. Bristol Company. 401,291; Sept. 20.

CLASS 27

Clocks and watches. General Time Instruments Corporation. 360,647; Sept. 20; Serial No. 406,336; published July 12, 1938.
Watches. Bulova Watch Company, Inc. 360,646; Sept. 20; Serial No. 406,327; published July 12, 1938.

CLASS 28

Diamonds, Genuine. Friedmans' Jewelers, Inc. 360,689; Sept. 20.
Holders for glassware, Stemmed. Glassave Company. 360,681; Sept. 20.

CLASS 29

Brushes, Manicure and cosmetic. H. C. Bates. 360,653; Sept. 20; Serial No. 406,439; published July 12, 1938.
Brushes, shaving brushes, hand brushes, etc., Hair. London House, Ltd. 360,660; Sept. 20; Serial No. 406,517; published July 12, 1938.

CLASS 32

Cabinets, Display and storage. Peck, Stow & Wilcox Company. 360,550; Sept. 20; Serial No. 404,953; published July 12, 1938.
Display-stands for exhibiting perfumery in bottles and other articles for sale. Lundborg Company. 116,658; renewed May 15, 1937.
Furniture. M. Greitzer. 360,654; Sept. 20; Serial No. 406,449; published July 12, 1938.

CLASS 33

Glass tableware and glass bar ware. United States Glass Co. 360,518–19; Sept. 20; Serial Nos. 403,794–5; published July 12, 1938.
Glass tableware and glass bar ware. United States Glass Co. 360,520; Sept. 20; Serial No. 403,797; published July 12, 1938.
Glass tableware and glass bar ware. United States Glass Co. 360,521; Sept. 20; Serial No. 403,800; published July 12, 1938.

CLASS 34

Boilers. Kewanee Boiler Corporation. 360,670; Sept. 20; Serial No. 406,720; published July 12, 1938.
Lighters, Portable pyrophoric. Can-O-Lites Manufacturing Corp. 360,437; Sept. 20; Serial No. 392,023; published July 12, 1938.
Machines for cutting and welding metal by means of gases. Air Reduction Sales Company. 360,669; Sept. 20; Serial No. 406,701; published July 12, 1938.
Shades, Lamp. M. Lager. 360,497; Sept. 20; Serial No. 402,726; published July 12, 1938.
Ventilators, air diffusers, and air aspirators, Fan-driven. Anemostat Corporation of America. 360,623; Sept. 20; Serial No. 406,042; published July 12, 1938.
Ventilators, air diffusers, and air aspirators, Fan-driven. Anemostat Corporation of America. 360,626; Sept. 20; Serial No. 406,083; published July 12, 1938.

CLASS 35

Gaskets and washers. Armstrong Cork Products Company. 360,705; Sept. 20.

CLASS 36

Musical instruments, Brass, reed, and stringed. National Institute of Music and Arts, Inc. 360,635; Sept. 20; Serial No. 406,189; published July 12, 1938.
Reeds for musical instruments, reed and wind musical instruments. Progressive Musical Instrument Corporation. 360,471–2; Sept. 20; Serial Nos. 400,527–8; published July 12, 1938.

CLASS 37

Book covers, Wallpaper. Brewster Wallpaper Company. 360,594; Sept. 20; Serial No. 405,587; published July 12, 1938.
Envelopes, Mailing. R. N. Skrainka. 360,586; Sept. 20; Serial No. 405,416; published July 12, 1938.
Napkins, waxed paper, paper towels, etc., Paper. Biltmore Paper Co. 360,645; Sept. 20; Serial No. 406,323; published July 12, 1938.
Paper. Northwest Paper Company. 360,464; Sept. 20; Serial No. 399,468; published July 12, 1938.
Paper and writing paper, Decorative wrapping. Norcross. 360,486; Sept. 20; Serial No. 402,198; published July 12, 1938.
Paper, Laminated glassine. Glassine Paper Company. 360,642; Sept. 20. 1938; Serial No. 406,287; published July 12, 1938.
Paper, Ledger. Graham Paper Company. 360,699; Sept. 20.
Paper, Tracing. B. K. Elliott Company. 360,474; Sept. 20; Serial No. 400,955; published July 12, 1938.
Pens and parts thereof, Fountain. Wahl Company. 360,609; Sept. 20; Serial No. 405,829; published July 12, 1938.
Pens, fountain feed pens, mechanical pencils, etc., Fountain. David Kahn, Inc. 360,440; Sept. 20; Serial No. 392,370; published July 12, 1938.

Tablets, composition books, and typewriter paper, School. Tayloe Paper Company. 360,649; Sept. 20; Serial No. 406,355; published July 12, 1938.
Tissue, paper towels, paper napkins, etc., Toilet. Allied Stores Corporation. 360,480; Sept. 20; Serial No. 401,418; published July 12, 1938.

CLASS 38

Folders, circulars, and advertising matter, Printed paper. G. A. Ackermann Printing Co. 360,698; Sept. 20.
Publication. Hollywood Pattern Company. 360,696; Sept. 20.
Publication. U. S. Naval Academy Alumni Association. 360,679; Sept. 20; Serial No. 406,074; published July 19, 1938.
Stamps and coupons, Trading or discount. Eagle Discount Stamp Co. 124,376–7; renewed Feb. 11, 1939.

CLASS 39

Apparel, Wearing. O. A. Berman. 123,781; renewed Dec. 10, 1938.
Boots and shoes. G. P. Crafts Company. 360,503; Sept. 20; Serial No. 403,035; published July 12, 1938.
Capes, Make-up and shampoo. I. B. Kleinert Rubber Company. 360,691; Sept. 20.
Caps, latex pants for babies, etc., Bathing. International Latex Corporation. 360,428; Sept. 20; Serial No. 382,979; published June 7, 1938.
Caps, latex pants for babies, etc., Bathing. International Latex Corporation. 360,429; Sept. 20; Serial No. 382,980; published June 14, 1938.
Chemises, panties, night-gowns, etc. Garfinkel & Ritter. 360,582; Sept. 20; Serial No. 405,354; published July 12, 1938.
Coats and suits. Lorch Manufacturing Company. 360,710; Sept. 20.
Coats and suits. Gordon V. Lyons, Inc. 360,695; Sept. 20.
Coats and suits. Matlin Cloak and Suit Co. 360,690; Sept. 20.
Coats, capes, scarfs, etc. Bonwit Teller, Inc. 360,536; Sept. 20; Serial No. 404,629; published June 14, 1938.
Coats, Fur. May Department Stores Company. 360,708; Sept. 20.
Dresses. Fred Perlberg, Inc. 360,694; Sept. 20.
Dresses and blouses, Silk and cotton. Pioneer Waist Company. 360,701; Sept. 20.
Dresses, Ladies'. Reliance Manufacturing Company. 360,697; Sept. 20.
Gloves. Shapiro Glove Co. 360,475; Sept. 20; Serial No. 401,033; published July 12, 1938.
Gloves, Leather. Jordan Marsh Company. 360,532; Sept. 20; Serial No. 404,477; published July 12, 1938.
Gowns, Dinner, dance, and wedding. I. Aaronson Dance Frocks, Inc. 360,707; Sept. 20.
Hat bodies and hats. Henry Pollak, Inc. 360,711–12; Sept. 20.
Hats and felt hat bodies, Felt. George McLachlan Hat Company. 360,700; Sept. 20.
Hats and hat bodies. Goldstein Hat Manufacturing Co. 360,451; Sept. 20; Serial No. 396,125; published July 12, 1938.
Hats and visor caps; women's and misses' wear, shoes, etc., Women's and girls'. Allied Stores Corporation. 360,553; Sept. 20; Serial No. 405,047; published July 12, 1938.
Hats, Ladies'. Bi-Rite Hat Co. Inc. 360,551; Sept. 20; Serial No. 405,007; published July 12, 1938.
Hats, Ladies'. Debway Hats, Inc. 360,513; Sept. 20; Serial No. 403,541; published July 12, 1938.
Hats, Women's. W. H. Goodstein Millinery Co. 360,524; Sept. 20; Serial No. 404,126; published June 28, 1938.
Hats, Women's. W. H. Goodstein Millinery Co. 360,525; Sept. 20; Serial No. 404,127; published June 21, 1938.
Hats, Women's. R. H. Macy & Co. 360,427; Sept. 20; Serial No. 381,276; published July 12, 1938.
Mitts, Rubber. I. B. Kleinert Rubber Company. 360,606; Sept. 20; Serial No. 405,777; published July 12, 1938.
Neckties. S. Sherman. 360,692; Sept. 20.
Outerwear and headwear, Knitted. Friedman Blau Farber Company. 360,530; Sept. 20; Serial No. 404,405; published July 12, 1938.
Scarfs. Benjamin Wolf Co. 360,611; Sept. 20; Serial No. 405,904; published July 12, 1938.
Shirts and vests, Infants' and children's. Earnshaw Knitting Company. 360,703; Sept. 20.
Shoe-heels and heel bases. Webbwood Corporation. 360,704; Sept. 20.
Shoes. Cort Shoes, Inc. 360,684; Sept. 20.
Underwear and slips, dresses, etc. Bloom & Jaffin. 360,702; Sept. 20.

CLASS 40

Buttons and buckles, and molding materials. Dukay & Co. 360,568; Sept. 20; Serial No. 405,202; published July 12, 1938.
Comb and brush sets, and toilet sets, Combination. S. H. Kress and Company. 360,449; Sept. 20; Serial No. 395,672; published July 12, 1938.

CLASS 42

Canvas, Wall. Schermerhorn Bros. Co. 360,452; Sept. 20; Serial No. 396,511; published July 12, 1938.

Canvas, Wall. Schermerhorn Bros. Co. 360,453; Sept. 20; Serial No. 396,515; published July 12, 1938.
Cloths, Toilet or wash. J. C. Johnson. 360,600; Sept. 20; Serial No. 405,649; published July 12, 1938.
Cotton piece goods. M. Lowenstein & Sons, Inc. 360,607; Sept. 20; Serial No. 405,816; published July 12, 1938.
Cotton piece goods, sheets, and pillow cases. Hearn Department Stores, Inc. 360,621; Sept. 20; Serial No. 406,021; published July 12, 1938.
Fabrics. Harry L. Sheinman & Sons Inc. 360,495; Sept. 20; Serial No. 402,700; published July 12, 1938.
Linen piece goods. Carleton Schaller & Co. 360,683; Sept. 20.
Piece goods, Woven. Descours, Genthon, Inc. 360,633; Sept. 20; Serial No. 406,179; published July 12, 1938.
Ribbons and velvet. John C. Welwood Corporation. 360,706; Sept. 20.
Rugs, sheets, and pillow-cases, Hooked. Woodward & Lothrop. 360,680; Sept. 20.
Upholstery, Automobile. A. D. Juilliard & Co. Inc. 360,659; Sept. 20; Serial No. 406,514; published July 12, 1938.
Woolen and worsted piece goods. Kolbert-Lieberman, Inc. 360,625; Sept. 20; Serial No. 406,060; published July 12, 1938.
Woolen piece goods. Warren Woolen Co. 360,693; Sept. 20.

CLASS 43

Thread, Silk. Heminway and Bartlett Silk Co. 360,714; Sept. 20.

CLASS 44

Dental, medical, and surgical appliances. Macgregor Instrument Company. 121,560; renewed May 7, 1938.
Pads used for the permanent waving of hair. R. R. Nathans. 360,468; Sept. 20; Serial No. 399,853; published July 12, 1938.

CLASS 45

Beverages and sirups and extracts for making the same. A. B. Hatcher. 360,467; Sept. 20; Serial No. 399,710; published Jan. 25, 1938.
Beverages and syrups and extracts for preparing the same. Mission Dry Corporation. 360,613; Sept. 20; Serial No. 405,933; published July 12, 1938.
Solution for acidulating maltless beverages. Lehman-Rosenfeld Co. 124,111; renewed Jan. 14, 1939.

CLASS 46

Bakery products. Helms Bakeries. 360,431; Sept. 20; Serial No. 384,211; published July 12, 1938.
Bread. R. T. Parfet. 360,628; Sept. 20; Serial No. 406,148; published July 12, 1938.
Bread and cereal food products. M. F. Rudkin. 360,512; Sept. 20; Serial No. 403,468; published July 12, 1938.
Butter. Borden Company. 360,539–40; Sept. 20; Serial Nos. 404,745–6; published July 12, 1938.
Candy and salted peanuts, Peanut. Allen & Smith Company. 360,663; Sept. 20; Serial No. 406,572; published July 12, 1938.
Canned corn. H. C. Baxter & Bro. 360,685; Sept. 20.
Canned fruits and canned fruit juices. Florida Citrus Canners Cooperative. 360,585; Sept. 20; Serial No. 405,387; published July 12, 1938.
Canned fruits and canned vegetables. Pratt-Low Preserving Co. 360,629; Sept. 20; Serial No. 406,149; published July 12, 1938.
Canned peas and canned corn. Inderrieden Canning Co. 122,589–90; renewed Aug. 27, 1938.
Canned soups, canned pork and beans, canned spaghetti, etc. Campbell Soup Company. 360,466; Sept. 20; Serial No. 399,555; published July 12, 1938.
Cereal, exploded rice cereal, and exploded corn cereal, Exploded wheat. Pophitt Ceral Company. 360,622; Sept. 20; Serial No. 406,038; published July 12, 1938.
Coffee and tea. Park & Tilford. 124,471; renewed Feb. 18, 1939.
Confectionery. Hawley & Hoops. 360,599; Sept. 20; Serial No. 405,645; published July 12, 1938.
Doughnuts, Vegetable. D. L. LeCave. 360,502; Sept. 20; Serial No. 403,011; published July 12, 1938.
Extracts, Food flavoring. Pennex Products Company. 360,656; Sept. 20; Serial No. 406,466; published July 12, 1938.
Flour, Wheat. Pillsbury Flour Mills Company. 360,448; Sept. 20; Serial No. 402,274; published July 12, 1938.
Flour, Wheat. Washington Grain and Milling Co. 124,427; renewed Feb. 11, 1939.
Food for dogs, cats, etc., Prepared. Federline Bros. 360,509; Sept. 20; Serial No. 403,308; published July 12, 1938.
Food, Poultry. Van Camp Sea Food Co. 360,713; Sept. 20.
Foods, Poultry and hog. Frank Pilley & Sons, Inc. 360,601; Sept. 20; Serial No. 405,665; published July 12, 1938.
Foods, Quick frozen. S. A. Moffett. 360,456; Sept. 20; Serial No. 398,053; published July 12, 1938.
Fruit, Fresh citrus. Mesa Citrus Growers. 360,664; Sept. 20; Serial No. 406,593; published July 12, 1938.
Fruit, Fresh citrus. San Fernando Heights Orange Assn. 360,667; Sept. 20; Serial No. 406,657; published July 12, 1938.
Fruits and canned fruit juices, Fresh citrus. Rio Grande Valley Citrus Exchange. 360,463; Sept. 20; Serial No. 399,329; published July 12, 1938.
Fruits, Fresh citrus. Waverly Growers Cooperative. 360,481; Sept. 20; Serial No. 401,632; published July 12, 1938.
Fruits, Fresh deciduous. S. Snyder. 360,648; Sept. 20; Serial No. 406,353; published July 12, 1938.
Ham, bacon, lard, etc. Kohrs Packing Company. 124,394–5; renewed Feb. 11, 1939.
Ham, Barbecue. Keefe Packing Company. 360,612; Sept. 20; Serial No. 405,930; published July 12, 1938.
Hams, sausages, and sandwich meat, Boiled and smoked. Meyer & Lange, Inc. 360,506; Sept. 20; Serial No. 403,217; published July 12, 1938.
Hog meats and lard. Co-operative Wholesale Society. 15,822; re-renewed Sept. 4, 1938.
Ice cream. M. Phillips. 360,542; Sept. 20; Serial No. 404,774; published July 12, 1938.
Milk, Pasteurized. Borden Company. 360,661; Sept. 20; Serial No. 406,545; published July 12, 1938.
Nuts, candy, and chocolate coated nuts, Salted. Awful Fresh MacFarlane. 360,504; Sept. 20; Serial No. 403,108; published July 12, 1938.
Nuts, candy, and spices. L. Jaffe. 360,638; Sept. 20; Serial No. 406,219; published July 12, 1938.
Pretzels, potato chips, and cheese flavored popcorn. Becker Pretzel Bakeries, Inc. 360,641; Sept. 20; Serial No. 406,268; published July 12, 1938.
Tomato paste. J. A. Detwiler. 360,476; Sept. 20; Serial No. 401,210; published July 12, 1938.
Turkeys, Live and dressed. J. Kline. 360,650; Sept. 20; Serial No. 406,387; published July 12, 1938.
Vegetables, Fresh. Dollar Packing Company. 360,446; Sept. 20; Serial No. 393,976; published July 12, 1938.
Vegetables, Preserved. Commanditaire Vennootschap op Aandeelen Tieleman & Dros. 360,500; Sept. 20; Serial No. 402,875; published July 12, 1938.

CLASS 47

Wines. Italian Swiss Colony. 360,492; Sept. 20; Serial No. 402,566; published July 12, 1938.

CLASS 48

Beer. Burger Brewing Company. 360,618; Sept. 20; Serial No. 406,012; published July 12, 1938.

CLASS 49

Rum. Monllor & Boscio, Sucrs., S. en C. 360,535; Sept. 20; Serial No. 404,616; published July 12, 1938.
Whiskey. Daviess County Distilling Co. 360,442; Sept. 20; Serial No. 392,966; published July 12, 1938.
Whiskey. I. Ginsberg, Inc. 360,604; Sept. 20; Serial No. 405,721; published July 12, 1938.

CLASS 50

Awnings, tents, wagon-covers, etc. Buffalo Awning & Tent Mfg. Co. 124,369; renewed Feb. 11, 1938.
Goods treated or coated with materials such as pyroxylin or rubber. Reliable Textile Company. 360,523; Sept. 20; Serial No. 404,017; published July 12, 1938.

LIST OF LABELS

Barrett's Tablets. For Tablets to Aid in the Relief of Sour Stomach, Heartburn, Gas, Flatulence, Sour Belching, Bloating and Fullness after Eating. S. Pfeiffer Mfg. Co. 51,837; Sept. 20.
Beech-Nut Oralgum. For Chewing Gum. Beech-Nut Packing Company. 51,820–1; Sept. 20.
Bett Maid. For Boxes. Hoague-Sprague Corporation. 51,824; Sept. 20.
Big Green Sweet Garden Peas. For Canned Peas. Oconomowoc Canning Company. 51,835; Sept. 20.
Big Sweet Tender Garden Peas. For Canned Peas. Oconomowoc Canning Company. 51,836; Sept. 20.
C M O Quality Shoes. For Boxes. Hoague-Sprague Corporation. 51,828; Sept. 20.
Carioca. For Straight California Grape Brandy. K. Arakelian, Inc. 51,819; Sept. 20.
Claw-Curv Snelled Hooks. For Snelled Hooks. Horrocks-Ibbotson Company. 51,832; Sept. 20.
Gold Medal Fine Shoes. For Boxes. Hoague-Sprague Corporation. 51,826; Sept. 20.
Green Label. For Tea Balls. Standard Brands Incorporated. 51,841; Sept. 20.
Happy Hands. For a Hand Cream. National Mineral Company. 51,833; Sept. 20.
Isle O'Gold. For Bartlett Pears. National Retailer-Owned Grocers, Inc. 51,834; Sept. 20.

Loy's Butter. For Butter. Pollock Paper & Box Company. 51,838; Sept. 20.
Polar Cub Electric Vibrator. For Electric Vibrators. A. C. Gilbert Company. 51,823; Sept. 20.
Rainbow Butter. For Butter. Pollock Paper & Box Company. 51,839; Sept. 20.
Sallyana Fashions. For Boxes. Hoague-Sprague Corporation. 51,825; Sept. 20.
Smith's. For Stock Ale. Smith Bros., Inc. 51,840; Sept. 20.
Thrifty-Nifties. For Boxes. Hoague-Sprague Corporation. 51,829; Sept. 20.
Union Super Stop Freeze. For an Anti-Freeze Compound. Union Oil Company of California. 51,842; Sept. 20.
Walk-O-Rite. For Boxes. Hoague-Sprague Corporation. 51,827; Sept. 20.
White Hall. For Peaches. R. R. Cunningham. 51,822; Sept. 20.
"X" Clean. For a Dirt and Grease removing Compound. "X" Laboratories, Inc. 51,843; Sept. 20.
"X" Shine. For a Liquid Polishing Compound. "X" Laboratories, Inc. 51,844; Sept. 20.
Youthful Mode. For Boxes. Hoague-Sprague Corporation. 51,830; Sept. 20.
Youthful Mode Hand Crafted for Flexibility. For Boxes. Hoague-Sprague Corporation. 51,831; Sept. 20.

LIST OF PRINTS

Beech-Nut Oralgum. For Cheming Gum. Beech-Nut Packing Company. 17,047; Sept. 20.
Coaxing Cora couldn't get her Child to Eat Breakfast without Bribing Him until . . . For Cereal Food. General Mills, Inc. 17,048; Sept. 20.
In 1888 He Shot an Inspired Arrow into Time and Space. For Fountain Pens and Mechanical Pencils. Parker Pen Company. 17,050; Sept. 20.
Utility Frocks and Uniforms adjustable to Fit You perfectly with the Automatic Self Sizer. For Frocks and Uniforms. S. L. Hoffman & Co. 17,049; Sept. 20.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 20TH DAY OF SEPTEMBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Automatic Instrument Company. (See Olson, Phillip W., assignor.)

Bailey, W. J., et al. (See Brandenburg, Harry J., assignor.)

Brandenburg, Harry J., Glendora, assignor of sixty-five per cent to F. E. Wood, W. G. Cartter, J. B. Seem, and W. J. Bailey, Monrovia, Calif. Transverse fruit brusher. Re. 20,861; Sept. 20.

Cartter, W. G., et al. Brandenburg, Harry J., assignor.)

Harris-Seybold-Potter Company. (See Harrold, Charles W., assignor.)

Harrold, Charles W., University Heights, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Sheet-feeder. Re. 20,862; Sept. 20.

Holby, Frank A., Riverside, Conn., assignor, by mesne assignments, to The William F. Kenny Company, New York, N. Y. Tank truck. Re. 20,863; Sept. 20.

Kenny, William F., Company, The. (See Holby, Frank A., assignor.)

Newell, Robert E., Irwin, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Combination gas cock for thermostats. Re. 20,864; Sept. 20.

Olson, Phillip W., Grand Rapids, Mich., assignor to Automatic Instrument Company. Lock key. Re. 20,865; Sept. 20.

Paramount Pictures Inc. (See Pomeroy, Roy J., assignor.)

Peterson, Bernard A., Detroit, Mich. Combustion chamber. Re. 20,866; Sept. 20.

Pomeroy, Roy J., Los Angeles, Calif., assignor to Paramount Pictures Inc. Making composite pictures. Re. 20,867; Sept. 20.

Robertshaw Thermostat Company. (See Newell, Robert E., assignor.)

Seem, J. B., et al. (See Brandenburg, Harry J., assignor.)

Wood, F. E., et al. (See Brandenburg, Harry J., assignor.)

LIST OF PLANT PATENTEES

Stielow, Fred C., Niles Center, Ill. Rose. 292; Sept. 20.

LIST OF DESIGN PATENTEES

Adams, Joseph E., Cleveland Heights, Ohio. Radio cabinet. 111,315; Sept. 20.

American Optical Company. (See Splaine, Edward M., assignor.)

American Seating Company. (See Bond, Willard H., Jr., assignor.)

Anthony, Hale B., Rockport, Mass. Doll. 111,451; Sept. 20.

Autoyre Company, The. (See Sanford, Roy S., assignor.)

Bainbridge, George A., Cardiff, Wales. Ramp for the protection of hose pipes. 111,469; Sept. 20.

Bernstein, Milton, Brooklyn, N. Y. Fork or similar article. 111,316; Sept. 20.

Boepple, Hans, New York, N. Y. Sweater. 111,470; Sept. 20.

Bond, Willard H., Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 111,317; Sept. 20.

Bostonia Beverages, Inc. (See D'Addario, Thomas D., assignor.)

Botany Worsted Mills. (See Staines, Samuel E., assignor.)

Bright Star Battery Company. (See Desimone, Anthony J., assignor.)

Cadous, Esther, New York, N. Y. Nightgown. 111,471; Sept. 20.

Celluloid Corporation. (See North, Mary A., assignor.)

Chapman, Samuel, New York, N. Y. Dress. 111,472; Sept. 20.

Cleveland Welding Company, The. (See Kranz, Harry W., assignor.)

Colbe, Selma O., Chicago, Ill. Panel for a memorial structure. 111,318; Sept. 20.

Corning Glass Works. (See Kelm, Everett F., assignor.)

Costello, William F., assignor to The New Britain Machine Company, New Britain, Conn. Display stand or similar article. 111,319; Sept. 20.

D'Addario, Thomas D., Long Island City, N. Y., assignor to Bostonia Beverages, Inc., Natick, Mass. Bottle. 111,411; Sept. 20.

Desimone, Anthony J., Lyndhurst, assignor to Bright Star Battery Company, Clifton, N. J. Flashlight. 111,342; Sept. 20.

Desimone, Anthony J., Lyndhurst, assignor to Bright Star Battery Company, Clifton, N. J. Flashlight. 111,343; Sept. 20.

Desimone, Anthony J., Lyndhurst, assignor to Bright Star Battery Company, Clifton, N. J. Flashlight. 111,344; Sept. 20.

Desimone, Anthony J., Lyndhurst, assignor to Bright Star Battery Company, Clifton, N. J. Flashlight. 111,345; Sept. 20.

Desimone, Anthony J., Lyndhurst, assignor to Bright Star Battery Company, Clifton, N. J. Flashlight. 111,346; Sept. 20.

Dublirer, Jacob, New York, N. Y. Dress. 111,476; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,350; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,351; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,352; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,353; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,354; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,355; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,356; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,357; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,358; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,359; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,360; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,361; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,362; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,363; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,364; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,365; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,366; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,367; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,368; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,369; Sept. 20.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,370; Sept. 20.

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Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,372; Sept. 20.

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Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,385; Sept. 20.
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Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,427; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,428; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,429; Sept. 20.
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Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,435; Sept. 20.
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Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,444; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,445; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,446; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,447; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,448; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,454; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,455; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,456; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,457; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,458; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,459; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,460; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,461; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,462; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,463; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,464; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,465; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,466; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,467; Sept. 20.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,468; Sept. 20.
Exact Weight Scale Company, The. (See Flanagan, Thomas B., assignor.)
Excelsior Hardware Company, The. (See Komenak, Albert J., assignor.)
Feinberg, Allan A., assignor to United States Air Conditioning Corporation, Minneapolis, Minn. Portable air conditioner. 111,473; Sept. 20.
Flanagan, Thomas B., assignor to The Exact Weight Scale Company, Columbus, Ohio. Weighing scale or article of similar nature. 111,320; Sept. 20.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 111,321; Sept. 20.
General Outdoor Advertising Co. Inc. (See Miller, William, assignor.)
General Outdoor Advertising Co. Inc. (See Smith, Charles F., assignor.)
Hadley, Donald L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Electric hot plate. 111,322; Sept. 20.
Hochstadter, Louis, Chicago, Ill. Miniature religious shrine or similar article. 111,452; Sept. 20.
Huffman, Russell I., Strasburg, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo. Sadiron or similar article. 111,341; Sept. 20.
Irwin, Maude L., Alameda, Calif. Washboard. 111,348; Sept. 20.
Kelm, Everett F., assignor to Corning Glass Works, Corning, N. Y. Glass stopper. 111,453; Sept. 20.
Knapp-Monarch Company. (See Huffman, Russell I., assignor.)
Komenak, Albert J., assignor to The Excelsior Hardware Company, Stamford, Conn. Closure fastener. 111,323; Sept. 20.
Kranz, Harry W., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Chair back or similar article. 111,324; Sept. 20.
Kronstadt, Max, Brooklyn, N. Y. Ring or similar article. 111,325; Sept. 20.
Langbert, Harry, New York, N. Y. Dress. 111,477; Sept. 20.
Lavallee, Eugene V., Elkhart, assignor to Penn Electric Switch Co., Goshen, Ind. Water valve or similar article. 111,349; Sept. 20.

Lefrak, Benjamin, New York, N. Y. Coat. 111,474; Sept. 20.
Libbey Glass Company. (See Fuerst, Edwin W., assignor.)
Livingston, Adrienne, New York, N. Y. Dress. 111,478; Sept. 20.
Mast, Esther, New York, N. Y. Dress. 111,479; Sept. 20.
Mead Johnson & Company. (See Windbiel, Joseph C., assignor.)
Miller, William, Berwyn, Ill., assignor to General Outdoor Advertising Co. Inc., New York, N. Y. Signboard or similar article. 111,326; Sept. 20.
New Britain Machine Company, The. (See Costello, William F., assignor.)
Newman, Gertrude A., Cleveland, Ohio. Doll. 111,327; Sept. 20.
North, Mary A., New York, N. Y., assignor to Celluloid Corporation. Combination comb holder and brush. 111,480; Sept. 20.
Penn Electric Switch Co. (See Lavallee, Eugene V., assignor.)
Porkolab, Alfred, and B. M. Vecchio, Lorain, Ohio. Furnace lighter. 111,347; Sept. 20.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Soap holder or similar article. 111,328; Sept. 20.
Schumacher, Louis, Brooklyn, N. Y. Combination handbag and whistle. 111,329; Sept. 20.
Seyferth, Carl G., Muskegon, Mich. Landing gear. 111,330; Sept. 20.
Smith, Charles F., Larchmont, assignor to General Outdoor Advertising Co. Inc., New York, N. Y. Signboard or similar article. 111,331; Sept. 20.
Smith, Charles F., Larchmont, assignor to General Outdoor Advertising Co. Inc., New York, N. Y. Signboard or similar article. 111,332; Sept. 20.
Smith, Charles F., Larchmont, assignor to General Outdoor Advertising Co. Inc., New York, N. Y. Signboard or similar article. 111,333; Sept. 20.
Smith, Charles F., Larchmont, assignor to General Outdoor Advertising Co. Inc., New York, N. Y. Signboard or similar article. 111,334; Sept. 20.
Smith, Charles F., Larchmont, assignor to General Outdoor Advertising Co. Inc., New York, N. Y. Signboard or similar article. 111,335; Sept. 20.
Smith, Charles F., Larchmont, assignor to General Outdoor Advertising Co. Inc., New York, N. Y. Signboard or similar article. 111,336; Sept. 20.
Smith, Charles F., Larchmont, assignor to General Outdoor Advertising Co. Inc., New York, N. Y. Signboard or similar article. 111,337; Sept. 20.
Sobelman, Morris, St. Louis, Mo. Dress. 111,481; Sept. 20.
Sobelman, Morris, St. Louis, Mo. Dress. 111,482; Sept. 20.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Diagnostic instrument. 111,338; Sept. 20.
Staines, Samuel E., Ridgewood, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric. 111,449; Sept. 20.
Stanton, Samuel J., Chicago, Ill. Tooth brush holder. 111,409; Sept. 20.
Stanton, Samuel J., Chicago, Ill. Tooth brush holder. 111,410; Sept. 20.
Suhadolc, Hameil J., Hoboken, N. J. Combination comb and manicuring implement. 111,475; Sept. 20.
Titze, Walter K., Oklahoma City, Okla., assignor to Universal Potteries, Inc., Cambridge, Ohio. Combined pitcher and cover therefor. 111,339; Sept. 20.
United States Air Conditioning Corporation. (See Feinberg, Allan A., assignor.)
Universal Potteries, Inc. (See Titze, Walter K., assignor.)
Vecchio, Benjamin M. (See Porkolab, A., and Vecchio.)
Wenzel, Fred J., Chicago, Ill. Motion picture projector bracket. 111,340; Sept. 20.
Westinghouse Electric & Manufacturing Company. (See Hadley, Donald L., assignor.)
Windbiel, Joseph C., assignor to Mead Johnson & Company, Evansville, Ind. Closure cap. 111,450; Sept. 20.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 20TH DAY OF SEPTEMBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Ackermann, Otto, Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring instrument. 2,130,829; Sept. 20.
Adams, Carroll E., Pawtucket, R. I. Drill point locator. 2,130,575; Sept. 20.
Agfa Ansco Corporation. (See Wendt, Bruno, assignor.)
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor governor. 2,130,607; Sept. 20.
Aikman, Burton S., Wilkinsburg, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Compressor cooling control. 2,130,608; Sept. 20.
Airmaster Corporation. (See Hueglin, Herman C., assignor.)
Airmatic Systems, Inc. (See Busch, Herman, assignor.)
Air Reduction Company. (See Anderson, James L., assignor.)
Air-way Electric Appliance Corporation. (See Dow, D. M., Boyd, and Burmeister, assignors.)
Alben, Frank L. (See Shamberger, J. P., and Alben.)
Alexander, George W., Boston, assignor to Thorndike Engineering Corporation, Cambridge, Mass. Bottle cap closure. 2,130,609; Sept. 20.
Alexander, Harold W., Victoria, British Columbia, Canada. Tool cutting machine equipped with resistance mechanism. 2,130,528; Sept. 20.
Alexander, James W., Birmingham, England. Manufacture of metal cutting tools. 2,130,710; Sept. 20.
Alexander, William J., Cora, Wyo. Wire stretcher and splicer. 2,130,477; Sept. 20.
Alfreds, Torris H. (See Krein, F. T., and Alfreds.)
Allard, Arthur R., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Machine for blading turbine elements. 2,130,478; Sept. 20.
Allen, Earl M., Swissvale, and E. G. Little, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,130,444; Sept. 20.
Allen, Scott E., Glen Ridge, assignor to C-O-Two Fire Equipment Company, Newark, N. J. Valve. 2,130,333; Sept. 20.
Allen Wales Adding Machine Corporation. (See Lambert, Harry L., assignor.)
Allgemeine Elektrizitats, Gesellschaft. (See Anders, Guido, assignor.)
Allgemeine Elektricitatz Gesellschaft. (See Wohlfarth, O., and de Niem, assignors.)
Alimänna Svenska Elektriska Aktiebolaget. (See Lamm, Uno, assignor.)
Allyn, Leon L., assignor to Master-Craft Corporation, Kalamazoo, Mich. Temporary binder or loose sheet holder. 2,130,830; Sept 20.
Aluminum Cooking Utensil Company, The. (See Cisco, Edward S., assignor.)
American Anode Inc. (See Hansen, Merrill E., assignor.)
American Brake Company, The. (See Gantner, William A., assignor.)
American Brake Company, The. (See Mueller, Emil G., assignor.)
American Can Company. (See Bach, Neils P., assignor.)
American Can Company. (See Magill, Donald G., assignor.)
American Can Company. (See Townsend, William S., assignor.)
American Car and Foundry Company. (See Knight, John M., assignor.)
American Car and Foundry Motors Company. (See Kateley, F. W., and Mathauer, assignors.)
American Car and Foundry Company. (See Knight, J. M., and Schlenther, assignors.)
American Car and Foundry Company. (See Willoughby, Victor, assignor.)
American Car and Foundry Company. (See McBride, John J., assignor.)
American Coating Mills, Inc. (See Funk, Nelson E., assignor.)
American Electric Switch Corporation. (See Lantz, William H., Jr., assignor.)
American Hard Rubber Company. (See Schelhammer, Herman J., assignor.)
American Interlining & Spinning Company. (See Redman, Norman, assignor.)
American Laundry Machinery Company, The. (See Link, George N., assignor.)
American Laundry Machinery Company, The. (See Shaw, Julian C., assignor.)
American Machine & Foundry Company. (See Ferenci, Lester, assignor.)
American Machine & Foundry Company. (See Hastings, G. S., and Arelt, assignors.)
American Machine & Foundry Company. (See Leary, James W., assignor.)
American Machine & Foundry Company. (See Shackleton, Jack, assignor.)
American Steel and Wire Company of New Jersey, The. (See Marriott, Thomas, assignor.)
American Steel Foundries. (See Oelkers, Alfred H., assignor.)
American Steel Foundries. (See Oelkers, A. H., and Bachman, assignors.)
American Stove Company. (See Hoffman, Rudolph, assignor.)
American Telephone and Telegraph Company. (See Jacobsen, Morris H. L., assignor.)
American Telephone and Telegraph Company. (See Martin, William H., assignor.)
Ames Baldwin Wyoming Co. (See Ready, William A., assignor.)
Amfaldern, Hans. (See Reinartz, Heinrich, assignor.)
Anchor Cap & Closure Corporation. (See Scofield, Edgar, assignor.)
Anchor Cap & Closure Corporation. (See Von Till, Louis A., assignor.)
Anders, Guido, Berlin-Steglitz, assignor to Allgemeine Elektrizitats, Gesellschaft, Berlin, Germany. System for preventing overmodulation in receivers. 2,130,404; Sept. 20.
Anderson, Bert J., Hammond, Ind. Electric alarm. 2,130,991; Sept. 20.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Template follower. 2,130,373; Sept. 20.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Template follower. 2,130,374; Sept. 20.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Air conditioning system. 2,130,479; Sept. 20.
Andrews, Rufus A., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Time delay apparatus. 2,130,405; Sept. 20.
Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,130,407; Sept. 20.
Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,130,408; Sept. 20.
Angell, Robert C., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Saliva ejector. 2,130,406; Sept. 20.
Annen, James E., and A. L. Sherwood, assignors to Sutherland Paper Company, Kalamazoo, Mich. Container. 2,130,576; Sept. 20.
Apex Electrical Manufacturing Company, The. (See McCabe, John J., assignor.)
Arand, Alfred F., Cincinnati, Ohio. Structural anchor. 2,130,531; Sept. 20.
Ardelt, Robert, Eberswalde, near Berlin, Germany. Mold for centrifugal casting. 2,130,726; Sept. 20.
Arelt, Charles. (See Hastings, G. S., and Arelt.)
Armstrong Whitworth Securities Company Limited. (See Kadenacy, Michel, assignor.)
Asbridge, Harry H., Moss Lane, Ashton-on-Mersey, assignor to The Churchill Machine Tool Company Limited, Broadheath, near Altrincham, England. Grinding wheel truing device. 2,130,711; Sept. 20.
Ash, Park W. (See Fluor, J. S., Jr., and Ash.)
Atkins, Samuel F., assignor to The Northwest Paper Company, Cloquet, Minn. Paper towel. 2,130,375; Sept. 20.
Atwell, Clarence A. (See Hill, C. F., Jones, and Atwell.)
Atwell, Harold V., White Plains, assignor to Process Management Company, Inc., New York, N. Y. Production of motor fuel. 2,130,662; Sept. 20.
Atwood, Warren H. (See Wylie, C. A., and Atwood.)
Aulson, Philip G., assignor to The Aulson Tanning Machinery Company, Salem, Mass. Abrading roller. 2,130,409; Sept. 20.
Aulson Tanning Machinery Company, The. (See Aulson, Philip G., assignor.)
Aument, H Chester, Long Island City, N. Y. Method and apparatus for forming tubes. 2,130,727; Sept. 20.
Austin, Harvey D., assignor to The Hamlin Metal Products Company, Akron, Ohio. Filter element and making the same. 2,131,004; Sept. 20.
Austin, Paul R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenating 5-nitrophthalide. 2,130,480; Sept. 20.
Aviation Manufacturing Corporation. (See Manchester, Mitchell W., assignor.)

Babcock & Wilcox Company, The. (See Langvand, Ivar L., assignor.)
Babel, Raymond A., Clichy, France, assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,130,868; Sept. 20.
Bach, Neils P., Geneva, assignor to American Can Company, New York, N. Y. Seaming head. 2,130,518; Sept. 20.
Bacharach, Eric W., Kansas City, Mo. Aerating apparatus. 2,130,577; Sept. 20.
Bachman, Fred E. (See Oelkers, A. H., and Bachman.)
Bailey, William M., White Plains, assignor to Dubilier Condenser Corporation, New York, N. Y. Electrical condenser. 2,130,532; Sept. 20.
Baker, James H., Green Island, assignor to Behr-Manning Corporation, Troy, N. Y. Making abrasive belts. 2,130,753; Sept. 20.
Baker, Lewis B., assignor of thirty per cent to J. J. Yeater and thirty per cent to K. G. Gauglitz, St. Louis, Mo. Door hinge. 2,130,663; Sept. 20.
Baker, Scott F., Jamestown, N. Y. Adjustable speed control device. 2,130,578; Sept. 20.
Ball Brothers Company. (See Wadsworth, Frank L. O., assignor.)
Barber, Charles H., Manchester, England. Display device. 2,130,334; Sept. 20.
Barényi, Árpád, Berlin-Steglitz, assignor to Voigtlander & Sohn Aktiengesellschaft, Brunswick, Germany. Photographic shutter. 2,130,784; Sept. 20.
Barker, Ernest L., Houston, Tex. Gravity feed automatic shut-off valve. 2,130,335; Sept. 20.
Barnes Drill Co. (See Johnson, Albert M., assignor.)
Barton, Raymond L., Los Angeles, Calif. Method of and means for baking. 2,130,533; Sept. 20.
Basel, George J., Cleveland, Ohio. Flexible door pull and hand assist for an automobile. 2,130,410; Sept. 20.
Batchell, George W., Toledo, Ohio. Framed glazing unit. 2,130,831; Sept. 20.
Bateman, William T. (See Sherrard, E. C., Beglinger, Hohf, and Bateman.)
Becker, Otto A., Saarbrucken, Germany. Finding device for index cards, notes, or the like arranged in or on conveying devices. 2,130,376; Sept. 20.
Bedford, Burnice D. (See Willis, C. H., Bedford, and Elder.)
Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric control and indicating circuits. 2,130,411; Sept. 20.
Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric control and indicating circuits. 2,130,412; Sept. 20.
Beede, Herbert G., Pawtucket, R. I. Garment pressing machine. 2,130,481; Sept. 20.
Beekhuis, Herman A., Jr., Petersburg, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Treating mixtures of nitrosyl chloride and chlorine. 2,130,519; Sept. 20.
Beery, Howard F. (See Hammer, B. W., Horneman, Quam, Lockwood, Beery, and Parker.)
Begg, Russell S., assignor to The Midland Steel Products Company, Cleveland, Ohio. Tension compensator. 2,130,916; Sept. 20.
Beglinger, Edward. (See Sherrard, E. C., Beglinger, Hohf, and Bateman.)
Behr-Manning Corporation. (See Baker, James H., assignor.)
Belknap, John H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Emergency stop-and-reverse motor control. 2,130,832; Sept. 20.
Bell & Howell Company, The. (See Howell, Albert S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bowne, Langford J., assignor.)
Bell Telephone Laboratories Incorporated. (See Feldman, C. B. H., and Polkinghorn, assignors.)
Bell Telephone Laboratories, Incorporated. (See Knowlton, C. S., and Spicer, assignors.)
Bell Telephone Laboratories, Incorporated. (See Peterson, Eugene, assignor.)
Bell Telephone Laboratories, Incorporated. (See Samuel, Arthur L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wilson, Ira G., assignor.)
Belveal, Sherman, Delphos, Kans. Dispensing device. 2,130,941; Sept. 20.
Bemiss Corporation. (See Bemiss, Robert P., assignor.)
Bemiss, Robert P., San Francisco, Calif., assignor to Bemiss Corporation. Container. 2,130,445; Sept. 20.
Bendix Aviation Corporation. (See Kliesrath, Victor W., assignor.)
Bendix Aviation Corporation. (See Rylsky, G. V., and Cerstvik, assignors.)
Bendix Aviation Corporation. (See Sanford, Roy S., assignor.)
Bendix Aviation Corporation. (See Sanford, R. S., and McConkey, assignors.)
Bendix Aviation Corporation. (See Scott, Lloyd H., assignor.)
Bendix Aviation Corporation. (See Seidenberg, Otto, assignor.)
Bendix Aviation Corporation. (See Warren, Kenneth W., assignor.)
Bendix Brake Company. (See Babel, Raymond A., assignor.)
Bendix Home Appliances, Inc. (See Oliver, Wallace F., assignor.)
Bendix Products Corporation. (See Curry, Robert J., assignor.)
Bendix Products Corporation. (See Frank, Frederick C., assignor.)
Bendix Products Corporation. (See Johnson, Carl V., assignor.)
Bendix Products Corporation. (See Lafitte, T. J. B., and Pradier, assignors.)
Bendix Products Corporation. (See Morphet, Everett C., assignor.)
Bendix Products Corporation. (See Press, Carl, assignor.)
Bendix Products Corporation. (See Smith, Marshall A., Jr., assignor.)
Bennett, Claude C., South Bend, assignor to A. E. Feragen, Inc., Seattle, Wash. Heavy-duty dynamometer. 2,130,833; Sept. 20.
Bergan, Martin D., Linden, assignor to The Thomas & Betts Co., Elizabeth, N. J. Wire connecter. 2,130,825; Sept. 20.
Bergland, Ernest E., assignor, by mesne assignments, to himself and H. Kirchhofer, Los Angeles, Calif. Braking mechanism and the like. 2,130,785; Sept. 20.
Berglund, Tage. (See Erickson, G., and Berglund.)
Bergstein, Edna M., et al. (See Bergstein, Samuel, assignor.)
Bergstein, Robert M., et al. (See Bergstein, Samuel, assignor.)
Bergstein, Samuel, Cincinnati, Ohio, assignor to E. M. and R. M. Bergstein. Container gluing machine. 2,130,786; Sept. 20.
Berkman, Irving W., Brooklyn, N. Y. Package. 2,130,728; Sept. 20.
Berliner, Julius F. T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricant. 2,130,664; Sept. 20.
Bernier, Gabriel. (See Lapierre, Gérard, assignor.)
Berry, Eugene G., assignor to B. F. Gump Co., Chicago, Ill. Gyratory sifter. 2,130,834; Sept. 20.
Bestco Shoe Machinery Inc. (See Le Gault, Elzear J., assignor.)
Bickford, Frederick E., Rye, N. Y. Package treating machine. 2,130,761; Sept. 20.
Bielski, Joseph E., Oak Park, Ill. Display sign. 2,130,917; Sept. 20.
Birdseye Electric Corporation. (See Heath, Walter N., assignor.)
Bitter, John L., Johnson City, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Reinforced rubber article. 2,130,413; Sept. 20.
Bixler, Harley H., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,130,835; Sept. 20.
Blaw-Knox Company. (See Stupp, John G., assignor.)
Blaw-Knox Corporation. (See Venable, William H., assignor.)
Block, Louis, and M. Metziger, assignors to Blockson Chemical Co., Joliet, Ill. Manufacture of noncaking powder composition. 2,130,869; Sept. 20.
Blockson Chemical Co. (See Block, L., and Metziger, assignors.)
Blumberg, David A., Baltimore, Md. Trousers waist band construction. 2,130,942; Sept. 20.
Bocklus, Chris, Stamford, Conn., and J. A. Cook, Haledon, assignors to Raybestos-Manhattan, Inc., Passaic, N. J. Friction elements. 2,130,520; Sept. 20.
Boehne, Eugene W., Yeadon, Pa., assignor to General Electric Company. Protective control device and system. 2,130,870; Sept. 20.
Boehne, Eugene W., Yeadon, Pa., assignor to General Electric Company. High speed tripping system. 2,130,871; Sept. 20.
Boehne, Eugene W., Yeadon, Pa., assignor to General Electric Company. Magnetic control device. 2,130,872; Sept. 20.
Boggs, Walter W. (See Collins, W. B., and Boggs.)
Bolsvert, Alfred A., Glasgow, Mont. Sink. 2,130,943; Sept. 20.
Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Speed responsive apparatus. 2,130,452; Sept. 20.
Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Speed responsive apparatus. 2,130,453; Sept. 20.
Bonn, Friedrich, Surth near Cologne, Germany. Recording device for telephone sets. 2,130,336; Sept. 20.
Borden, Howard S., Rumson, N. J. Poker set. 2,130,762; Sept. 20.
Borland, Bruce, Chicago, Ill. Car seal. 2,130,787; Sept. 20.
Bouillon, Joseph M. F., Paris, France. Closing device for vessels containing a matter under pressure especially fire extinguishers. 2,130,763; Sept. 20.
Bourquin, Edgar, Framingham, Mass., assignor to Warren Telechron Company. Rotating dial numeral clock. 2,130,873; Sept. 20.
Bowen, Joseph R., Los Angeles, Calif., assignor, by mesne assignments, to Hollywood-Maxwell Company. Brassière. 2,130,534; Sept. 20.
Bowen, Kenneth H., assignor to Columbian Rope Company, Auburn, N. Y. Fibrous tapelike body and making same. 2,130,944; Sept. 20.
Bowles, Edward L., Wellesley Farms, Mass. Electric acoustic receiver. 2,130,414; Sept. 20.

Bowman, Frederic C., assignor to A. R. Maas Chemical Co., Los Angeles, Calif. Phosphatovanadate and recovery of the same. 2,130,579; Sept. 20.
Bowne, Langford J., Howard Beach, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,130,482; Sept. 20.
Boyd, Donald L. (See Dow, D. M., Boyd, and Burmeister.)
Boyd, Randolph, Galva, Ill. Batten. 2,130,788; Sept. 20.
Brackett, Clare L. (See Stoll, Albert, assignor.)
Bradner, Donald B., assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Method of and machine for drying or conditioning webs of paper and the like. 2,130,665; Sept. 20.
Bradshaw, Edwin G., assignor to Wells-Gardner & Company, Chicago, Ill. Dial tuning device. 2,130,836; Sept. 20.
Brauer, Ralph H. (See Colee, Donald D., assignor.)
Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Emulsion and producing same. 2,130,535; Sept. 20.
Breerwood, Charles H., Narberth, Pa., assignor to Separation Process Company. Flotation of carbonaceous ores. 2,130,574; Sept. 20.
Brenner, Benjamin H., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Pilot step. 2,130,837; Sept. 20.
Bridgeport, City of. (See Wheeler, Charles A., assignor.)
Brown, Joseph H., Brooklyn, N. Y., assignor to Celluloid Corporation. Pleating film. 2,130,838; Sept. 20.
Brown, William O., North Hollywood, Calif. Citrus fruit juice extractor. 2,130,610; Sept. 20.
Brownell, Earl C., Pasco, Wash. Portable sign. 2,130,945; Sept. 20.
Brunner, Anton, assignor to Friedrich Deckel, Munich, Germany. Pump. 2,130,521; Sept. 20.
Bruno, William A., New York, N. Y. Microphone. 2,130,946; Sept. 20.
Brunskill, Frederick, Liverpool, England. Wallet. 2,130,454; Sept. 20.
Buchanan, Arthur J., assignor, by mesne assignments, to Southern Dyestuff Corporation, Charlotte, N. C. Dyeing. 2,130,415; Sept. 20.
Buchanan, Arthur J., assignor, by mesne assignments, to Southern Dyestuff Corporation, Charlotte, N. C. Dyeing. 2,130,416; Sept. 20.
Buckles, James, Goose Creek, Tex. Inside pipe cutter. 2,130,580; Sept. 20.
Bueschel, Andrew E., assignor, by mesne assignments, to Consolidated Carton, Inc., Chicago, Ill. Severable egg carton. 2,130,377; Sept. 20.
Bueschel, Andrew E., Mokena, assignor, by mesne assignments, to Consolidated Carton, Inc., Chicago, Ill. Carton structure. 2,130,378; Sept. 20.
Buffalo Pressed Steel Company. (See Prochnow, Felix E., assignor.)
Bull, Benton A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of phosphoric acid and concentrated nitric acid. 2,130,483; Sept. 20.
Bullard, Edwin F. (See McAllister, S. H., and Bullard.)
Bunt, Edward T., Redcliffe, Bristol, assignor of one-half to F. E. J. Hill, Bristol, England. Carburetor for internal combustion engines. 2,130,337; Sept. 20.
Burdick, Harry J., Anaheim, Calif. Valve. 2,130,611; Sept. 20.
Burgin, Kermit H., Zionsville, Ind. Trailer brake control. 2,130,874; Sept. 20.
Burmeister, Frederick H. (See Dow, D. M., Boyd, and Burmeister.)
Burns, Herbert A., Forest Hills, N. Y., assignor to International Cigar Machinery Company. Packing cigars, and the like. 2,130,729; Sept. 20.
Burton, Robert N. (See Forsyth, Robert, assignor.)
Busch, Herman, Long Island City, assignor to Airmatic Systems, Inc., New York, N. Y. Power control for pneumatic conveyer systems. 2,130,458; Sept. 20.
Butzler, Edward W., Avalon, assignor to J. M. Hopwood, Mount Lebanon, Pa. Apparatus for feeding water conditioning chemicals direct to boilers. 2,130,417; Sept. 20.
Byrne, Michael J., Waterville, Maine. Paddle wheel. 2,130,522; Sept. 20.
C-Lens Corporation. (See Holst, L. J. R., Mayer, and Menefee, assignors.)
C-O-Two Fire Equipment Company. (See Allen, Scott E., assignor.)
Cain, Gordon H., Chicago, Ill. Heat exchanger. 2,130,455; Sept. 20.
Cairns, Robert W., assignor to Hercules Powder Company, Wilmington, Del. Explosive and manufacture thereof. 2,130,712; Sept. 20.
California Portland Cement Company. (See Kaiser, Harry E., assignor.)
Calkins, Chauncey L., assignor to L. A. Ederer, Chicago, Ill. Two-way electrical communication system. 2,130,730; Sept. 20.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,130,713; Sept. 20.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,130,714; Sept. 20.
Campbell, Curtis Q. M., Pittsburgh, Pa. Purification of liquids. 2,130,789; Sept. 20.
Campbell, Wendell B., Morrow, Ohio. Voting machine. 2,130,338; Sept. 20.
Canetta, John, and E. S. Cook, Wilkinsburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake control. 2,130,612; Sept. 20.
Carey, Philip, Manufacturing Company, The. (See Miller, Harley H., assignor.)
Carothers, Wallace H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Linear polyamides and their production. 2,130,523; Sept. 20.
Carothers, Wallace H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Diamine-dicarboxylic acid salts and preparing same. 2,130,947; Sept. 20.
Carothers, Wallace H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic fiber. 2,130,948; Sept. 20.
Carrey, James O. (See Cornell, John C., and Carrey.)
Carter, Bernard M., Montclair, N. J., assignor to General Chemical Company, New York, N. Y. Apparatus for treating material. 2,130,731; Sept. 20.
Carter Carburetor Corporation. (See Coffey, Irven E., assignor.)
Carter Carburetor Corporation. (See Kersgieter, Charles P., assignor.)
Carter Carburetor Corporation. (See Whisler, Ralph H., assignor.)
Case, Francis M., deceased, by L. H. Case, administratrix, Cleveland Heights, assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 2,130,581; Sept. 20.
Case, Lucy H., administratrix. (See Case, Francis M.)
Celanese Corporation of America. (See Miller, Brian E. M., assignor.)
Celluloid Corporation. (See Brown, Joseph H., assignor.)
Cerstvik, Stephen. (See Rylsky, G. V., and Cerstvik.)
Chadwick, Stanley, et al. (See Zaebst, Oran C., assignor.)
Chaffee, Raymond O., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Shelf support. 2,130,536; Sept. 20.
Champion Paper and Fibre Company, The. (See Bradner, Donald B., assignor.)
Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Tension device for sewing machines. 2,131,005; Sept. 20.
Chattin, Jewel H., and J. G. Clements, Tampa, assignors of one-fifth to W. E. Thompson, Hillsborough County, Fla. Fruit peeling machine. 2,130,980; Sept. 20.
Chicago Development Company. (See Dean, Reginald S., assignor.)
Chicago-Hutchins Corporation. (See Nystrom, Karl F., assignor.)
Chilton, Roland, Ridgewood, N. J. Antifriction bearing. 2,130,379; Sept. 20.
Christensen, Paul M., Newington, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,130,369; Sept. 20.
Christian, William, Milford, Conn. Display card holder for merchandise. 2,130,732; Sept. 20.
Churchill Machine Tool Company Limited, The. (See Asbridge, Harry H., assignor.)
Cieri, Edmund M. (See Franks, Willie H., assignor.)
Cisco, Edward S., assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Cooking utensil. 2,130,678; Sept. 20.
Clark, Ernest, East Orange, N. J. Nonskid tire. 2,130,52-; Sept. 20.
Clark, Richard U., Wilmette, Ill. Electron discharge device. 2,130,380; Sept. 20.
Clayton Manufacturing Company. (See Clayton, William, assignor.)
Clayton Manufacturing Company. (See Kerrick, Walter B., assignor.)
Clayton, William, Pasadena, assignor to Clayton Manufacturing Company, Alhambra, Calif. Spraying device. 2,130,629; Sept. 20.
Clements, James G. (See Chattin, J. H., and Clements.)
Clemmons, Ralph W., Chicago, Ill. Load-distributing expansion joint for adjacent solid sections. 2,130,992; Sept. 20.
Cleveland Trust Company. (See Jardine, Frank, assignor.)
Clutsom, Charles, St. Michaels, Ashby-de-la-Zouch, England. Loom with stationary weft supplies. 2,130,636; Sept. 20.
Coffey, Irven E., assignor to Carter Carburetor Corporation, St. Louis, Mo. Fuel supply device for internal combustion engines. 2,130,666; Sept. 20.
Cohn, Herman, Baltimore, Md. Collar bar. 2,130,459; Sept. 20.
Colee, Donald D., assignor of one-half to R. H. Brauer, San Diego, Calif. Automatic indicator. 2,130,613; Sept. 20.
Coleman, Gerald H., and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Hydroxy alkyl ethers of hydrogenated hydroxy diphenyl compounds. 2,130,525; Sept. 20.
Coleman, Gerald H., and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Diphenyl hydroxy alkyl ethers. 2,130,526; Sept. 20.

Coleman, Gerald H., and J. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Hydroxy-alkyl ethers of hydroxy-diphenyl compounds. 2,130,527; Sept. 20.
Coleman, Gerald H., and G. B. Stratton, assignors to The Dow Chemical Company, Midland, Mich. Chloro-aryl ethers of ethylene glycol. 2,130,990; Sept. 20.
Colgate-Palmolive-Peet Company. (See Muncie, Fred W., assignor.)
Collens, Campbell W., New Orleans, La. Citrus fruit knife and seed extractor. 2,130,949; Sept. 20.
Collins, William B., and W. W. Boggs, Los Angeles, Calif. Valve. 2,130,614; Sept. 20.
Colman, Howard D., Rockford, Ill. Self-adjusting hydraulic brake. 2,130,875; Sept. 20.
Colt's Patent Fire Arms Manufacturing Company. (See Christensen, Paul M., assignor.)
Colt's Patent Fire Arms Manufacturing Company. (See Sachs, Joseph, assignor.)
Columbian Rope Company. (See Bowen, Kenneth H., assignor.)
Combarette, Gervais B., Thizy, France. Linen folding machine. 2,130,733; Sept. 20.
Cone Automatic Machine Company. (See Miller, Carroll E., assignor.)
Conklin, Roscoe D., Rahway, assignor to National Pneumatic Company, New York, N. Y. Combined motor mechanism and control switch therefor. 2,130,764; Sept. 20.
Conner, Guy O., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Adjusting device. 2,130,679; Sept. 20.
Conners, Michael J., Larchmont, N. Y. Outlet box. 2,130,839; Sept. 20.
Consolidated Carton, Inc. (See Bueschel, Andrew E., assignor.)
Cook, Earle S. (See Canetta, J., and Cook.)
Cook, Judson A. (See Bocklus, C., and Cook.)
Copeland, Lewis C., and J. R. Stone, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Precipitating zinc sulphide. 2,130,382; Sept. 20.
Cordts, Karl, Eutin, assignor of one-half to J. Gastreich, Cologne-Meerheim, Germany. Funnel, particularly such as is used in conjunction with milk filters. 2,130,876; Sept. 20.
Cornell, John C., St. Louis County, and J. O. Carrey, St. Louis, Mo., said Carrey assignor to said Cornell. Surgical chair. 2,130,754; Sept. 20.
Cottrell, C. B., & Sons Company. (See Eckhard, William K., assignor.)
Coupier, Marcel M. J. E., Paris, France. Electric heating element. 2,130,715; Sept. 20.
Craigon, Adam, Toronto, Ontario, Canada. Aerofoil. 2,130,582; Sept. 20.
Creed and Company. (See Salmon, R. D., and Thomas, assignors.)
Crittenden, Philip L., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Magnetic brake shoe. 2,130,615; Sept. 20.
Crowe, John M. (See Johnston, Irvin C., assignor.)
Crown Can Company. (See Darling, Frank L., assignor.)
Cummings, Stanley R., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,130,484; Sept. 20.
Curry, Robert J., Buffalo, N. Y., H. B. Staples, trustee in bankruptcy of R. J. Curry, assignor, by mesne assignments, of one-half interest to Bendix Products Corporation, South Bend, Ind. Suction operated clutch. 2,130,877; Sept. 20.
Cutler-Hammer, Inc. (See Russell, Frank J., assignor.)
Dachlauer, Karl. (See Koch, E., Dachlauer, and Thomsen.)
Daly, John F. (See Maginnis, Frank A., assignor.)
Dangelmajer, Charles. (See Magill, P. L., and Dangelmajer.)
Darling, Frank L., Douglaston, N. Y., assignor, by mesne assignments, to Crown Can Company, Philadelphia, Pa. Vacuum sealing can. 2,130,637; Sept. 20.
Davidson, Alfred, and C. H. Lumsden, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Leucoindigo. 2,130,878; Sept. 20.
Davis, Clarence J., assignor to Nash-Finch Company, Minneapolis, Minn. Display device. 2,130,616; Sept. 20.
Dayton Rubber Mfg. Company, The. (See Mooradian, Harry S., assignor.)
Dean, Reginald S., Washington, D. C., assignor, by mesne assignments, to Chicago Development Company, Chicago, Ill. Treatment of ores. 2,131,006; Sept. 20.
Deaver, Benjamin F., Breckenridge, Tex. Reversible plow. 2,130,950; Sept. 20.
Deckel, Friedrich. (See Brunner, Anton, assignor.)
Deere & Company. (See Hammond, Floyd H., assignor.)
Deere & Company. (See Silver, Walter H., assignor.)
Deere & Company. (See Westerlund, Paul H., assignor.)
De Niem, Günther. (See Wohlfarth, O., and de Niem.)
Dervieux, André, assignor, by mesne assignments, to H. L. Walker, Paris, France. Arrangement for copying lenticular films. 2,130,537; Sept. 20.
Deschimag. (See Ness, Artur, assignor.)
De Stefano, John B., New York, N. Y. Helicopter. 2,130,918; Sept. 20.
Dick, Herman J., and R. E. Fleming, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,130,790; Sept. 20.
Dickey, Joseph B. (See McNally, J. G., and Dickey.)
Dickinson, Charles H. (See Timson, Ernest A., assignor.)
Ditto, Incorporated. (See Marchev, A., and Jagger, assignors.)
Dixie-Vortex Company. (See Krein, F. T., and Alfreds, assignors.)
Dobke, Günther, Berlin-Reinickendorf, Germany, assignor to General Electric Company. Making a vacuum-tight joint between solid bodies. 2,130,879; Sept. 20.
Dockham, Herbert A., Crockett, assignor of one-third to H. L. Groves, San Francisco, Calif. Refrigerator. 2,130,617; Sept. 20.
Domestic Air Conditioning Company. (See Kolstad, August M., assignor.)
Donahoo, Josie D., Los Angeles, Calif. Finger wave comb. 2,130,638; Sept. 20.
Donahue, A. J., Corporation, The. (See Jacobs, Joseph, assignor.)
Dow Chemical Company, The. (See Coleman, G. H., and Zemba, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., and Stratton, assignors.)
Dow, Dewey M., D. L. Boyd, and F. H. Burmeister, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,130,635; Sept. 20.
Drypolcher, William, Valley Stream, N. Y. Stapling machine. 2,130,734; Sept. 20.
Dubilier Condenser Corporation. (See Bailey, William M., assignor.)
Dubilier, William, New Rochelle, N. Y. Collapsible rod. 2,130,993; Sept. 20.
Dunham, Edward C., Northampton, assignor to Hampton Company, Easthampton, Mass. Method and apparatus for treating rayon cakes. 2,130,791; Sept. 20.
Dunkelmann, Hans, Kiel, assignor to Fried. Krupp Germaniawerft Aktiengesellschaft, Kiel-Gaarden, Germany. Fuel-injecting pump for internal combustion engines. 2,130,339; Sept. 20.
Du Pont, Carl J., and J. W. Ferris, Huntington, Ind. Truck. 2,130,418; Sept. 20.
Du Pont, E. I., de Nemours & Company. (See Austin, Paul R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Berliner, Julius F. T., assignor.)
Du Pont, E. I., de Nemours & Company. (See Bull, Benton A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Carothers, Wallace H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Holt, Harold S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hulse, Robert E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lazier, Wilbur A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Levine, Arthur A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Magill, P. L., and Dangelmajer, assignors.)
Du Pont, E. I., de Nemours & Company. (See Magill, P. L., and Dangelmajer, assignors.)
Durning, James P., St. Albans, N. Y., assignor to International Cigar Machinery Company. Tobacco stemming and threshing machine. 2,130,880; Sept. 20.
Dyer, Lloyd W., Swissvale, and G. D. Gamel, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic reclosing circuit breaker system. 2,130,840; Sept. 20.
Eastman Kodak Company. (See McNally, J. G., and Dickey, assignors.)
Eastman Kodak Company. (See Zelger, Georges E., assignor.)
Eckardt, Emil E., Dresden, Germany. Producing a printing plate. 2,130,735; Sept. 20.
Eckhard, William K., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Delivery mechanism for printing presses. 2,130,841; Sept. 20.
Eckles, James J., Washington, D. C. Vehicle body stabilizer. 2,130,792; Sept. 20.
Ederer, Lothar A. (See Calkins, Chauncey L., assignor.)
Edison General Electric Appliance Company. (See Miller, Nicholas, assignor.)
Edison, John S., assignor to Wm. P. Neil Company, Ltd., Los Angeles, Calif. Roof structure. 2,130,419; Sept. 20.
Edwards, Charles K., London, England, assignor to F. Rey, Seine et Oise, France. Loading apparatus for vehicles. 2,130,951; Sept. 20.
Edwards, Judd E., Belvidere, and W. H. Noble, Evanston, assignors, by mesne assignments, to Master Grip-O-Matic, Inc., Belvidere, Ill. Hair tensor. 2,130,538; Sept. 20.
Ekman, Olof I. H., Stockholm, Sweden. Siren. 2,130,716; Sept. 20.
Elder, Frank R. (See Willis, C. H., Bedford, and Elder.)
Eliel, Leon T., Pasadena, Calif. Multiple transforming printer. 2,130,793; Sept. 20.
End, Gotthard, Schaffhausen, assignor to Schweizerische Industrie-Gesellschaft, Neuhausen (Ct. Schaffhausen, Switzerland). Automatic firearm. 2,130,383; Sept. 20.
Engman, Olof, Galesburg, Ill. Folding scaffold jack or trestle. 2,130,456; Sept. 20.

Enos, Benjamin B., Salem, Mass. Vamp lining for a boot or shoe and making a boot or shoe. 2,130,794; Sept. 20.
Ensten, Harold V. (See Sweet, Vance, assignor.)
Enterprise Manufacturing Company, The. (See Case, Francis M., assignor.)
Erickson, Gunnar, and T. Berglund, Omaha, Nebr. Collapsible tent. 2,130,919; Sept. 20.
Eugene, Ltd. (See Suter, Eugene F., assignor.)
Evans, John G., Blackley, and S. A. Slater, Stretford, England, assignors to Imperial Chemical Industries Limited. Treating cellulosic fiber. 2,130,460; Sept. 20.
Evans Products Company. (See Lintern, William and J. B., assignors.)
Evanston Company, The. (See Schmidt, Richard W., assignor.)
Fahlberg-List Aktiengesellschaft Chemische Fabriken. (See Hahn, H., and Memminger, assignors.)
Faye, Roy A., Watertown, Mass., assignor to Mays Manufacturing Company, Inc. Memorandum-pad holder for telephones. 2,130,920; Sept. 20.
Feather, David C., assignor to N. and F. Corporation, Portland, Oreg. Shears. 2,130,539; Sept. 20.
Feldman, Carl B. H., Little Silver, and F. A. Polkinghorn, Montclair, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Diversity radio receiver. 2,130,485; Sept. 20.
Felt & Tarrant Mfg. Co. (See Niemann, F. A., and Turck, assignors.)
Feragen, A. E., Inc. (See Bennett, Claude C., assignor.)
Ferenci, Lester, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Wrapping window packages. 2,130,680; Sept. 20.
Ferree, Clifford B., Pittsburgh, Pa. Draw oven. 2,130,420; Sept. 20.
Ferris, John W. (See Du Pont, C. J., and Ferris.)
Fickett, Ernest L., W. O. Forman, and C. H. McKay, assignors to Fitchburg Engineering Corporation, Fitchburg, Mass. Apparatus for treating wood. 2,130,457; Sept. 20.
Fiore, Casimir, Brooklyn, assignor to E. Gumbel, Woodside, N. Y. Fountain pen. 2,131,016; Sept. 20.
Filicky, August A., San Francisco, Calif. Internal combustion engine. 2,130,529; Sept. 20.
Firth-Sterling Steel Company. (See Welch, Elmer B., assignor.)
Fischer, Adelbert K., and G. B. Petsche, assignors to Schutte & Koerting Co., Philadelphia, Pa. Rotameter. 2,130,981; Sept. 20.
Fischer, Franz, Berlin, assignor to Suddeutsche Apparate-Fabric G. m. b. H., Nuremberg, Germany. Rectifier. 2,130,384; Sept. 20.
Fitchburg Engineering Corporation. (See Fickett, E. L., Forman, and McKay, assignors.)
Flaxman, Marcellus T., Wilmington, assignor to Union Oil Company of California, Los Angeles, Calif. Anhydrous lubricant. 2,130,540; Sept. 20.
Fleischer, Max, New York, N. Y. Making motion picture cartoons. 2,130,541; Sept. 20.
Fleming, Robert E. (See Dick, H. J., and Fleming.)
Fletcher, John, Kenmore, assignor to Plastergon Wall Board Company, Buffalo, N. Y. Coating of fibrous surfaces. 2,130,530; Sept. 20.
Florcyk, Edward M., Rockaway, N. J., assignor to Stapling Machines Co. Clutch mechanism. 2,130,486; Sept. 20.
Fluor Corporation, The. (See Fluor, J. S., Jr., and Ash, assignors.)
Fluor, John S., Jr., and P. W. Ash, Santa Ana, assignors to The Fluor Corporation Ltd., Los Angeles, Calif. Muffler and ventilator system. 2,130,385; Sept. 20.
Fluor, John S., Jr., and P. W. Ash, Santa Ana, assignors to the Fluor Corporation Ltd., Los Angeles, Calif. Muffler and ventilator system. 2,130,386; Sept. 20.
Foley, Thomas A., Astoria, N. Y. Crane construction. 2,130,487; Sept. 20.
Forman, William O. (See Fickett, E. L., Forman, and McKay.)
Forsyth, Robert, assignor to R. N. Burton, Chicago, Ill. Process and apparatus for deriving fiber from flax straw or the like. 2,130,681; Sept. 20.
Fosnot, Louis P., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Pump lubricator. 2,130,583; Sept. 20.
Foster, Clifford R., Avoca, Tex. Rotary oil well drill bit. 2,130,639; Sept. 20.
Föttinger, Hermann, Berlin-Charlottenburg, Germany. Turbotorque transformer. 2,130,717; Sept. 20.
Frakes, James H. (See Watts, T. R., and Frakes.)
Frank, Frederick C., assignor to Bendix Products Corporation, South Bend, Ind. Wheel. 2,130,881; Sept. 20.
Franklin, Charles S., London, England, assignor to Radio Corporation of America. Aerial feeder arrangement. 2,130,387; Sept. 20.
Franks, Willie H., assignor of one-half to E. M. Cieri, Shreveport, La. Journal cap for fishing reels. 2,130,826; Sept. 20.
Frantz, Samuel G., and B. S. McCutchen, Princeton, N. J., assignors to Radio Corporation of America. Transmission and reception of intelligence. 2,130,421; Sept. 20.
Freeman, Samuel, New York, N. Y. Lipstick. 2,130,345; Sept. 20.
Fröböse, Ernst, Berlin-Oberschoneweide, Germany, assignor to General Electric Company. Magnetic testing device. 2,130,882; Sept. 20.
Fujita, Zensei, Yotsuya-ku, Tokyo, Japan. Device for purifying the breathing air in a vapor bath for therapeutical use. 2,130,718; Sept. 20.
Funk, Nelson E., assignor to American Coating Mills, Inc., Elkhart, Ind. Paper box and blank for producing the same. 2,130,488; Sept. 20.
Funk, Nelson E., assignor to American Coating Mills, Inc., Elkhart, Ind. Paper box and blank for producing the same. 2,130,489; Sept. 20.
Gallant, Hubert J., Exeter, N. H., and E. A. Gauthier, Amesbury, Mass. Trimming mechanism for sewing machines. 2,130,340; Sept. 20.
Gamel, Gayne D. (See Dyer, L. W., and Gamel.)
Gamerdinger, Friedrich, Zuffenhausen, and O. Weber, Stuttgart, Germany. Apparatus for caps for shoes. 2,130,422; Sept. 20.
Gantner, William A., Wilkinsburg, assignor to The American Brake Company, Swissvale, Pa. Brake rigging. 2,130,667; Sept. 20.
Garlock Packing Company. (See McClain, Jesse B., assignor.)
Garrard, Charles G., Shenfield, England. Metal cutting and like machine tools. 2,130,341; Sept. 20.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,130,982; Sept. 20.
Gastreich, Josefa. (See Cordts, Karl, assignor.)
Gauglitz, Kurt G., et al. (See Baker, Lewis B., assignor.)
Gauthier, Ernest A. (See Gallant, H. J., and Gauthier.)
Gednetz, John R., assignor of one-half to S. R. Mercer, Los Angeles, Calif. Juice extractor. 2,130,755; Sept. 20.
General Aniline Works, Inc. (See Münz, Ferdinand, assignor.)
General Chemical Company. (See Carter, Bernard M., assignor.)
General Electric Company. (See Bedford, Burnice D., assignor.)
General Electric Company. (See Bixler, Harley H., assignor.)
General Electric Company. (See Boehne, Eugene W., assignor.)
General Electric Company. (See Dobke, Günther, assignor.)
General Electric Company. (See Frobose, Ernst, assignor.)
General Electric Company. (See Kingdon, Kenneth H., assignor.)
General Electric Company. (See Mittag, Albert H., assignor.)
General Electric Company. (See Muir, Roy C., assignor.)
General Electric Company. (See Petermichl, Franz, assignor.)
General Electric Company. (See Rankin, William K., assignor.)
General Electric Company. (See Steenstrup, Christian, assignor.)
General Electric Company. (See Willis, Clodius H., assignor.)
General Electric Company. (See Willis, C. H., Bedford, and Elder, assignors.)
General Motors Corporation. (See Dick, H. J., and Fleming, assignors.)
General Motors Corporation. (See Gilman, Norman H., assignor.)
General Motors Corporation. (See Henney, Charles F., assignor.)
General Motors Corporation. (See Kucher, Andrew A., assignor.)
Gerety, Edward J., Bronx, N. Y., assignor to The McBee Company, Athens, Ohio. Desk for automatic writing boards. 2,130,490; Sept. 20.
Gerken, Howard S., Buffalo, N. Y. Apparatus for separating materials. 2,130,346; Sept. 20.
Germond, Henry S. (See Williams, Arthur E., assignor.)
Giddings, Fred M., Galesburg, Ill. Paint mixer. 2,130,542; Sept. 20.
Gilliland, Lester L., Blue Island, Ill. Draft control system. 2,130,491; Sept. 20.
Gilman, Norman H., Indianapolis, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Making bearings. 2,130,461; Sept. 20.
Gilman, Norman H., Indianapolis, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Bearing. 2,130,462; Sept. 20.
Gluck, Harold, New York, N. Y. Exploring mirror construction. 2,130,388; Sept. 20.
Gnavi, Aldo, Turin, Italy, assignor, by mesne assignments, to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure motor and locking means therefor. 2,130,618; Sept. 20.
Goldsmith, Maurice O., Dorchester, Mass. Lock or latch mechanism. 2,130,736; Sept. 20.
Golinick, Leonard E., Vero Beach, Fla. Drive connection for mowing machines. 2,130,795; Sept. 20.
Goodman Manufacturing Company. (See Sloane, William W., assignor.)
Gothe, Albrecht, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna. 2,130,389; Sept. 20.
Goff, William A., Long Beach, Calif. Derrick finger. 2,130,423; Sept. 20.

Grant, Albert E., assignor to Albert T. Otto & Sons, Inc., New York, N. Y. Attachment plug. 2,130,424; Sept. 20.
Graupner, Paul L., Kotzschenbroda, assignor to "Universelle" Cigarettenmaschinenfabrik J. C. Mueller & So., Dresden, Germany. Impressing bronze designs. 2,130,425; Sept. 20.
Graves, Mark S., Los Angeles, Calif. Furring nail. 2,130,390; Sept. 20.
Gravinер Manufacturing Company Limited. (See Salmond, Hubert M., assignor.)
Grayson Heat Control, Inc. (See Grayson, John H., assignor.)
Grayson, John H., assignor to Grayson Heat Control, Inc., Lynwood, Calif. Gas valve. 2,130,796; Sept. 20.
Grelle, Henry G., New Orleans, La. Automatic fishing leader. 2,130,543; Sept. 20.
Greulach, Paul J., Fort Wayne, Ind. Electric soldering machine. 2,130,544; Sept. 20.
Greulich, Gerald G., Mount Lebanon, Pittsburgh, Pa. Multiple unit beam. 2,130,797; Sept. 20.
Grill, Max. (See Michael, Edward F. L., assignor.)
Groves, Hazel L. (See Dockham, Herbert A., assignor.)
Grubb, William J., New York, N. Y. Tie and collar holder. 2,130,640; Sept. 20.
Grubb, William J., Martinsburg, W. Va. Skate. 2,130,641; Sept. 20.
Grubb, William J., Martinsburg, W. Va. Skate blade holder. 2,130,642; Sept. 20.
Gruner, William J., Naugatuck, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Hip boot. 2,130,682; Sept. 20.
Gumbel, Edward. (See Fiore, Casimir, assignor.)
Gump, B. F., Co. (See Berry, Eugene G., assignor.)
Günther, Fritz, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Wetting, cleansing, and emulsifying agent. 2,130,668; Sept. 20.
Gustin-Bacon Manufacturing Co. (See Hovey, Clarence E., assignor.)
Hacklander, Hans, Tinley Park, assignor to Union Special Machine Company, Chicago, Ill. Fabric guide for sewing machines. 2,131,007; Sept. 20.
Hahn, Hellmuth, and K. Memminger, assignors to Fahlberg-List Aktiengesellschaft Chemische Fabriken, Magdeburg-Sudost, Germany. Condensation products of an alkali metal salt of toluenesulphonamide with formaldehyde. 2,130,342; Sept. 20.
Hall Laboratories, Inc. (See Munter, Casimir J., assignor.)
Hall Laboratories Inc. (See Volz, Anton, assignor.)
Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Scrap tobacco feed. 2,130,765; Sept. 20.
Hamlin Metal Products Company, The. (See Austin, Harvey D., assignor.)
Hammer, Bernard W., Ames, Iowa, and H. C. Horneman, and M. E. Parker, Danville, Ill., assignors to Sealtest System Laboratories, Inc., Baltimore, Md. Apparatus for treating lactic fluids. 2,130,643; Sept. 20.
Hammer, Bernard W., Ames, Iowa, H. C. Horneman, S. N. Quam, and F. F. Lockwood, Danville, Ill., H. F. Beery, Omaha, Nebr., and M. E. Parker, Danville, Ill., assignors to Sealtest System Laboratories, Inc., New York, N. Y. Apparatus for treating lactic fluids. 2,130,644; Sept. 20.
Hammond, Floyd H., East Moline, assignor to Deere & Company, Moline, Ill. Knife head. 2,130,391; Sept. 20.
Hammond, Samuel I. (See Myhren, A. J., and Hammond.)
Hampton Company. (See Dunham, Edward C., assignor.)
Hansen, Merrill E., assignor to American Anode Inc., Akron, Ohio. Manufacture of dress shields. 2,130,921; Sept. 20.
Hapella Limited. (See Warmisham, Arthur, assignor.)
Hapman, Henry W., Detroit, Mich. Conveyer-elevator. 2,130,492; Sept. 20.
Hard, Merrill W. (See Mackahan, R. E., and Hard.)
Harder, Edwin L., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Potential source compensation. 2,130,842; Sept. 20.
Hardie, David W. F., and C. Ockrent, Liverpool, England, assignors to Imperial Chemical Industries Limited. Manufacture of derivatives of paraffin wax. 2,130,952; Sept. 20.
Hartog, Stephen D., Normandy, Mo., assignor to William J. Peters. Short-circuiting device for electric motors. 2,130,883; Sept. 20.
Hastings, George S., Brooklyn, and C. Arelt, Richmond Hill, assignors to American Machine & Foundry Company. Tipper construction for cigarette machines. 2,130,683; Sept. 20.
Havel, Victor, Chicago, Ill. Novelty. 2,130,348; Sept. 20.
Hawley, William S., Newark, N. J. Physical culture machine. 2,130,922; Sept. 20.
Heald Machine Company, The. (See Hintermeyer, Alfred E., assignor.)
Heath, Frank M., Silver Spring, Md. Water guard for flush tanks. 2,130,719; Sept. 20.
Heath, Walter N., Rockport, Mass., assignor to Birdseye Electric Corporation, Dover, Del. Agitating apparatus. 2,130,545; Sept. 20.
Heine, Hermann, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Illuminating device for microscopes. 2,130,493; Sept. 20.
Heine, Hermann, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Relief condenser. 2,130,494; Sept. 20.
Heinzle, John, Arickaree, Colo. Combination lock. 2,130,798; Sept. 20.
Heltzel, Joseph W., Warren, Ohio. Dowel bar and expansion joint strip holder. 2,130,953; Sept. 20.
Henderson, Donald, Bremerton, Wash. Wheel chair drive. 2,130,426; Sept. 20.
Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,130,994; Sept. 20.
Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,130,995; Sept. 20.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloy. 2,130,737; Sept. 20.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloy. 2,130,738; Sept. 20.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper-zirconium-manganese alloy. 2,130,996; Sept. 20.
Hercules Powder Company. (See Cairns, Robert W., assignor.)
Hercules Powder Company. (See Humphrey, Irvin W., assignor.)
Hercules Powder Company. (See Littmann, Edwin R., assignor.)
Hercules Powder Company. (See Lorand, Eugene J., assignor.)
Hermann, Theodor. (See Stötter, H., and Hermann.)
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,130,619; Sept. 20.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,130,620; Sept. 20.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Magnetic brake control. 2,130,621; Sept. 20.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electric brake means. 2,130,622; Sept. 20.
Hibben, James H., Washington, D. C., assignor to C. Maisel, Montclair, N. J. Making phenyl mercuric nitrate. 2,131,008; Sept. 20.
Highway Marking Machine Company. (See Marshall, George S., assignor.)
Hill, Charles F., Wilkinsburg, M. F. Jones, Edgewood, and C. A. Atwell, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Field-coil cooling means for motors. 2,130,843; Sept. 20.
Hill, Frank E. J. (See Bunt, Edward T., assignor.)
Hines, Harry E., and C. T. Stolpestad, Monroe, Mich. Egg handling device. 2,130,623; Sept. 20.
Hintermeyer, Alfred E., assignor to The Heald Machine Company, Worcester, Mass. Forming a cutting tool. 2,130,684; Sept. 20.
Hitchcock, Richard C., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Traffic signal. 2,131,009; Sept. 20.
Hobart Brothers Company. (See Hobart, Edward A., assignor.)
Hobart, Edward A., assignor to Hobart Brothers Company, Troy, Ohio. Welder. 2,130,584; Sept. 20.
Hoerichs, Edward, Baltimore, Md. Water closet for boats. 2,130,954; Sept. 20.
Hoffman, Rudolph, Rocky River, Ohio, assignor to American Stove Company, St. Louis, Mo. Valve. 2,130,955; Sept. 20.
Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Smoking stand. 2,130,844; Sept. 20.
Hofstetter, Robert, Jackson, Mich. Hydraulic brake system. 2,130,799; Sept. 20.
Hohf, John P. (See Sherrard, E. C., Beglinger, Hohf, and Bateman.)
Hollcraft, Sybil A. (See Shoup, E. C., and Hollcraft.)
Hollywood-Maxwell Company. (See Bowen, Joseph R., assignor.)
Holst, Lodewyk J. R., Brookline, Pa., W. Mayer, Larchmont, and H. R. Menefee, Bronxville, assignors to C-Lens Corporation, New York, N. Y. Lens system. 2,130,347; Sept. 20.
Holt, Harold S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenated resins. 2,130,800; Sept. 20.
Honig, Frank, Pawtucket, R. I., assignor to United States Rubber Products, Inc., New York, N. Y. Apparatus for treating the surface of sheet rubber. 2,130,739; Sept. 20.
Hoover Company, The. (See Cummings, Stanley R., assignor.)
Hoover Company, The. (See Hoover, Howard E., assignor.)
Hoover Company, The. (See Smellie, Donald G., assignor.)
Hoover, Frank M., Youngstown, Ohio. Toy. 2.130,427; Sept. 20.

Hoover, Howard E., Glencoe, Ill., assignor to The Hoover Company, North Canton, Ohio. Muffler for suction cleaners. 2,130,495; Sept. 20.
Hopwood, John M. (See Butzler, Edward W., assignor.)
Hopkins, Robert K., assignor to The M. W. Kellogg Co., New York, N. Y. Plug removing tool. 2,130,496; Sept. 20.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,130,392; Sept. 20.
Horneman, Herman C. (See Hammer, B. W., Horneman, and Parker.)
Horneman, Herman C. (See Hammer, B. W., Horneman, Quam, Lockwood, Beery, and Parker.)
Horneman, Herman C., Danville, Ill., assignor to Research Laboratories of National Dairy Products Corporation, Inc., Baltimore, Md. Apparatus for pasteurizing and deodorizing liquids. 2,130,645; Sept. 20.
Hovey, Clarence E., assignor to Gustin-Bacon Manufacturing Co., Kansas City, Mo. Floor construction. 2,130,546; Sept. 20.
Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Cord terminal. 2,130,585; Sept. 20.
Howell Company, The. (See Hoffmann, Wolfgang.)
Hoyt, William H., Oyster Bay, N. Y. Meter for steam boilers. 2,130,463; Sept. 20.
Hueglin, Herman C., assignor to Airmaster Corporation, Chicago, Ill. Motor for mounting for exhaust fans and the like. 2,130,497; Sept. 20.
Huise, Robert E., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of light metals. 2,130,801; Sept. 20.
Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Esters of hydrogenated abietyl alcohol and method of producing. 2,130,740; Sept. 20.
Huston, Arch C., Los Angeles, Calif. Forming roller for tube-winding machines. 2,130,586; Sept. 20.
I. G. Farbenindustrie Aktiengesellschaft. (See Günther, Fritz, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Koch, E., Dachlauer, and Thomsen, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Otto, M., and Mueller-Cunradi, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schimmelschmidt, Kurt, assignor.)
Imperial Chemical Industries Limited. (See Davidson, A., and Lumsden, assignors.)
Imperial Chemical Industries Limited. (See Evans, J. G., and Slater, assignors.)
Imperial Chemical Industries Limited. (See Hardie, D. W. F., and Ockrent, assignors.)
Imperial Chemical Industries Limited. (See Malam, John E., assignor.)
Independent Die and Supply Company. (See Sullivan, William J., assignor.)
Independent Pneumatic Tool Co. (See Fosnot, Louis P., assignor.)
Ingersoll-Rand Company. (See Kirgan, John, assignor.)
Installment Securities Agency, Inc. (See Ross, Ralph P., assignor.)
Interchemical Corporation. (See Larsen, Louis M., assignor.)
International Cigar Machinery Company. (See Burns, Herbert A., assignor.)
International Cigar Machinery Company. (See Durning, James P., assignor.)
International Cigar Machinery Company. (See Halstead, John F., assignor.)
International Cigar Machinery Company. (See Neumair, Joseph A., assignor.)
Irving Air Chute Company. (See Irvin, Leslie L., assignor.)
Irving Air Chute Company. (See Rogers, Harold G., assignor.)
Irving Air Chute Company. (See Smith, Floyd, assignor.)
Irvin, Leslie L., Letchworth, England, assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute harness. 2,130,547; Sept. 20.
Ittner, Martin H., et al. (See Lowry, George A., assignor.)
Jacobi, William H., Wilkinsburg, Pa., and I. A. Yost, Lakewood, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arc head operating mechanism for searchlights. 2,130,846; Sept. 20.
Jacobs, Joseph, Bridgeport, assignor to The A. J. Donahue Corporation, Milford, Conn. Hair curler. 2,130,685; Sept. 20.
Jacobsen, Morris H. L., Guilford, Conn., assignor to American Telephone and Telegraph Company. Shifting strands and cables on poles. 2,130,464; Sept. 20.
Jacobsson, Wilgot J., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Blowpipe. 2,130,344; Sept. 20.
Jagger, Hubert. (See Marchev, A., and Jagger.)
James, W. D., et al. (See Sanderson, Martin I., assignor.)
Janke, Everett A., Monroe, Wis. Merchandising package. 2,130,646; Sept. 20.
Jardine, Frank, assignor, by mesne assignments, to Cleveland Trust Company, Cleveland, Ohio. Piston land construction. 2,130,923; Sept. 20.
Jarmus, Joseph M. (See Plechner, W. W., and Jarmus.)
Johnson, Albert M., assignor to Barnes Drill Co., Rockford, Ill. Honing machine. 2,130,393; Sept. 20.
Johnson, Arthur W., and G. H. Young, Pittsburgh, Pa., assignors to Stoner-Mudge, Inc. Coating compound. 2,130,924; Sept. 20.
Johnson, Carl V., assignor to Bendix Products Corporation, South Bend, Ind. Shock strut. 2,130,885; Sept. 20.
Johnston, Irvin C., Youngstown, Ohio assignor to J. M. Crowe, Fort Mitchell, Ky. Slag pocket construction. 2,130,925; Sept. 20.
Jones, Lester L., Oradell, N. J., and J. Yolles, Brooklyn, assignors to Technidyne Corporation, New York, N. Y. Radio circuits. 2,130,824; Sept. 20.
Jones, Maurice F. (See Hill, C. F., Jones, and Atwell.)
Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener. 2,130,548; Sept. 20.
Jonitz, Georgina F., Quincy, Mass. Device for holding hats. 2,130,956; Sept. 20.
Junghans, Helmut, Schramberg-Sulgen, Eckenhof, Germany. Centrifugal fuse. 2,130,720; Sept. 20.
Kadenacy, Michel, Paris, France, assignor of one-half to Armstrong Whitworth Securities Company Limited, London, England. Two-stroke internal combustion engine. 2,130,721; Sept. 20.
Kaler, Richard, Cranford, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electric sewing machine cabinet. 2,131,010; Sept. 20.
Kaiser, Harry E., Colton, assignor to California Portland Cement Company, Los Angeles, Calif. Manufacturing Portland cement. 2,130,624; Sept. 20.
Kaiser, Harry E., Colton, assignor to California Portland Cement Company, Los Angeles, Calif. Portland cement clinker quenching process. 2,130,625; Sept. 20.
Kaiser, Harry E., Colton, assignor to California Portland Cement Company, Los Angeles, Calif. Quenching Portland cement clinkers. 2,130,626; Sept. 20.
Kane, Joseph J., Galveston, Tex. Well pipe joint. 2,130,587; Sept. 20.
Kateley, Francis W., and E. G. Mathauer, Upper Darby, Pa., assignors to American Car and Foundry Motors Company, New York, N. Y. Heater and ventilator for vehicles. 2,130,686; Sept. 20.
Katz, Jack, New York, N. Y. Motion picture advertising machine. 2,130,428; Sept. 20.
Kellogg, M. W., Co., The. (See Hopkins, Robert K., assignor.)
Kelly, John L., Los Angeles, Calif. Machine for preparing tires for retreading. 2,130,627; Sept. 20.
Kelly, Patrick J., New Bedford, Mass. Window sash fastener. 2,130,465; Sept. 20.
Kemmer, Frank R., Larchmont, N. Y., assignor to Magnesium Products, Inc., Pittsburgh, Pa. Method of and apparatus for vaporization. 2,130,886; Sept. 20.
Kerrick, Walter B., Los Angeles, assignor, by mesne assignments, to Clayton Manufacturing Company, Alhambra, Calif. Spray device and nozzle therefor. 2,130,628; Sept. 20.
Kersgieter, Charles P., assignor to Carter Carburetor Corporation, St. Louis, Mo. Valve device. 2,130,847; Sept. 20.
Kingdon, Kenneth H., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuits. 2,130,429; Sept. 20.
Kingsley, Carl E., Newport, Oreg. Windshield wiper. 2,130,957; Sept. 20.
Kirchhofer, Hugo. (See Bergland, Ernest E., assignor.)
Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Regulating device for refrigerating apparatus. 2,130,540; Sept. 20.
Kisling, William L., St. Louis, Mo. Fan. 2,130,802; Sept. 20.
Klein, Maurus, Lausanne, Switzerland. Method and apparatus for manufacturing electrical cables. 2,130,394; Sept. 20.
Klemschofski, Karl, Little Ferry, and P. Vrane, West New York, N. J. Porous pipe. 2,130,498; Sept. 20.
Kliesrath, Victor W., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control. 2,130,848; Sept. 20.
Knettle, Le Roy J., Gloucester, N. J. Nut threading device. 2,130,348; Sept. 20.
Knight, John M., Atlantic Highlands, N. J., assignor to American Car and Foundry Company, New York, N. Y. Reclining seat control mechanism. 2,130,767; Sept. 20.
Knight, John M., Atlantic Highlands, N. J., and J. Schlenther, St. Charles, Mo., assignors to American Car and Foundry Company, New York, N. Y. Walk-over seat mechanism. 2,130,766; Sept. 20.
Knowlton, Clarence S., Springfield, and H. M. Spicer, Ridgewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,130,499; Sept. 20.
Knudstrup, Aksel J. C. (See Robinson, H. R., and Knudstrup.)
Kobe, Herman J., assignor of one-tenth to L. M. Weaver, Bryan, Ohio. Magazine for machine gun pistols. 2,130,722; Sept. 20.
Koch, Ernst, Frankfort-on-the-Main-Hochst, K. Dachlauer, Hofheim, and C. Thomsen, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Tanning matter. 2,130,550; Sept. 20.
Köhler, Willy, Neckarhausen/Ladenburg-on-the-Neckar, assignor to Joseph Voegle A. G., Mannheim, Germany. Grinding mill. 2,130,983; Sept. 20.

Kolstad, August M., Detroit, assignor to Domestic Air Conditioning Company, Highland Park, Mich. Air conditioning apparatus. 2,130,630; Sept. 20.
Kottmann, August, Sommerda, assignor to Rheinische Metallwaaren-und Mascheninfabrik, Dusseldorf, Germany. Calculating machine. 2,130,723; Sept. 20.
Kozanowski, Henry N. (See Mouromtseff, I. E., and Kozanowski.)
Kramer, Max, Berlin Adlershof, Germany. Landing flap on aircraft. 2,130,958; Sept. 20.
Kreilick, Lester W., and H. R. Taylor, assignors to The Yerges Manufacturing Company, Fremont, Ohio. Buffing wheel. 2,130,849; Sept. 20.
Kreilick, Lester W., and H. R. Taylor, Fremont, Ohio. Buff construction. 2,130,850; Sept. 20.
Krein, Frederick T., and T. H. Alfreds, Park Ridge, assignors to Dixie-Vortex Company, Chicago, Ill. Container for packaging frozen confections for distribution and serving. 2,130,588; Sept. 20.
Kremmling, Otto, Hamersleben, Germany. Dough molding machine. 2,130,887; Sept. 20.
Kresge, Harry L., New York, N. Y. Electrode terminal. 2,130,768; Sept. 20.
Kristich, John N., Knightsen, and N. B. Piriach, San Jose, Calif. Concrete pipe making machine. 2,130,551; Sept. 20.
Krupp, Fried., Germaniawerft Aktiengesellschaft. (See Dunkelmann, Hans, assignor.)
Krupp, Fried., Grusonwerk Aktiengesellschaft. (See Meister, Karl, assignor.)
Krupp, Fried., Grusonwerk Aktiengesellschaft. (See Reintrock, Wilhelm, assignor.)
Kucher, Andrew A., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Motor-compressor unit for refrigeration. 2,130,349; Sept. 20.
Kühn, Wilhelm, Stuttgart-Degerloch, assignor to A. Meineke, Lennap (Rheinprovinz), Germany. Band. 2,130,552; Sept. 20.
Kyle, John R., South Charleston, W. Va. Door actuating mechanism. 2,130,959; Sept. 20.
Lachmund, Ralph H., San Francisco, Calif. Automatic valve. 2,130,687; Sept. 20.
Lafitte, Théodore J.-B., Paris, and E. Pradier, Clichy, France, assignors to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,130,884; Sept. 20.
Lamb, Francis X., East Orange, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical measuring instrument. 2,130,960; Sept. 20.
Lambert, Harry L., Enfield, assignor to Allen Wales Adding Machine Corporation, Ithaca, N. Y. Circuit breaker. 2,130,350; Sept. 20.
Lamm, Uno, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Ionic valve having conducting gaseous paths. 2,130,688; Sept. 20.
Langvand, Ivar L., Barberton, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,130,351; Sept. 20.
Lantz, William H., Jr., assignor to American Electric Switch Corporation, Minerva, Ohio. Spring action rotary switch. 2,130,589; Sept. 20.
Lapierre, Gérard, assignor of one-third to G. Bernier, Montreal, Quebec, Canada. Discharging receptacle. 2,130,466; Sept. 20.
Lard, Allan E., Washington, D. C. Golf club. 2,130,395; Sept. 20.
Larsen, Earl I. (See Hensel, F. R., and Larsen.)
Larsen, Louis M., Rutherford, N. J., assignor to Interchemical Corporation, a corporation of Ohio. Cigarette package and making the same. 2,130,984; Sept. 20.
Lautenschläger, Carl L., W. Ludwig, and P. von Mutzenbecher, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing thyroxin. 2,130,985; Sept. 20.
Lawson, Edward D., Park Ridge, Ill. Automatic safety switch for vehicles. 2,130,500; Sept. 20.
Lazerson, Abraham, Chicago, Ill. Lighting fixture. 2,130,803; Sept. 20.
Lazier, Wilbur A., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reduction of cyclic ethers. 2,130,501; Sept. 20.
Leary, James W., Bloomfield, N. J., assignor to American Machine & Foundry Company. Paste-applying device for cigarette machines. 2,130,689; Sept. 20.
Le Baron, Francis, Brockton, Mass. Fireplace damper. 2,130,851; Sept. 20.
Le Fevre, Ralph A., Rochester, N. Y. Puttee. 2,130,804; Sept. 20.
Le Gault, Elzear J., Haverhill, assignor to Bestco Shoe Machinery Inc., Ipswich, Mass. Sole roughing machine. 2,130,553; Sept. 20.
Le Gault, Elzear J., Haverhill, assignor to Bestco Shoe Machinery, Inc., Ipswich, Mass. Sole press. 2,130,590; Sept. 20.
Leggett, William, Sandusky, Mich. Bean and clover seed drier. 2,130,961; Sept. 20.
Leitz, Ernst, G. m. b. H. (See Heine, Hermann, assignor.)
Lemoine, Hyatt, Maywood, N. J. Wearing apparel. 2,130,690; Sept. 20.
Le Vesconte, Harold J., Western Springs, and C. C. Smith, assignors to Union Special Machine Company, Chicago, Ill. Feed mechanism for sewing machines. 2,131,011; Sept. 20.
Levine, Arthur A., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sterilizing agent. 2,130,805; Sept. 20.
Lewis, Charles T., Oklahoma City, Okla. Derrickman's safety belt. 2,130,724; Sept. 20.
Lewis, Warren K., Newton, Mass., assignor to Standard Oil Development Company. Producing valuable products from hydrocarbon gases. 2,130,669; Sept. 20.
Liles, Thomas O., Detroit, Mich. Motor. 2,130,691; Sept. 20.
Lindemann, Gella, assignor of one-half to H. N. Wessel, New York, N. Y. Handbag. 2,130,502; Sept. 20.
Link, George N., Rochester, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio. Delinting device. 2,130,806; Sept. 20.
Lintern, John B. (See Lintern, William and J. B.)
Lintern, William and J. B., Cleveland, Ohio, assignors, by mesne assignments, to Evans Products Company, Detroit, Mich. Body and engine temperature control system for motor vehicles. 2,131,017; Sept. 20.
Little, Edwin G. (See Allen, E. M., and Little.)
Littmann, Edwin R., assignor to Hercules Powder Company, Wilmington, Del. Treatment of abietyl compounds and products produced thereby. 2,130,997; Sept. 20.
Lockwood, Fred F. (See Hammer, B. W., Horneman, Quam, Lockwood, Beery, and Parker.)
Lombardi Knitting Machine Co. (See Lombardi, Vincent, assignor.)
Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co., Inc., New York, N. Y. Knitting machine. 2,130,769; Sept. 20.
Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co. Inc., New York, N. Y. Knitted fabric. 2,130,770; Sept. 20.
Lorand, Eugene J., assignor to Hercules Powder Company, Wilmington, Del. Preparation of cellulose ethers. 2,130,998; Sept. 20.
Lorentzen, Hans K. (See Waltzinger, August F., assignor.)
Lorenz, C., Aktiengesellschaft. (See von Collas, Hans E., assignor.)
Lowry, Betha M., et al. (See Lowry, George A., assignor.)
Lowry, George A., New York, N. Y., assignor of one-half to M. H. Ittner, Jersey City, N. J., and one-half to B. M. Lowry, New York, N. Y. Method of and apparatus for threshing and decorticating plant stalks. 2,130,352; Sept. 20.
Lowry, George A., New York, N. Y., assignor of one-half to M. H. Ittner, Jersey City, N. J., and one-half to B. M. Lowry, New York, N. Y. Method of and apparatus for paralleling straw, fibers, and other elongated members. 2,130,353; Sept. 20.
Lucia, Louis V., West Hartford, Conn., assignor to Lucup Corporation. Paper drinking cup. 2,131,003; Sept. 20.
Lucup Corporation. (See Lucia, Louis V., assignor.)
Ludwig, Willy. (See Lautenschläger, C. L., Ludwig, and von Mutzenbecher.)
Lumsden, Colin H. (See Davidson, A., and Lumsden.)
Lunas, Lawrence J., Verona, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring instrument. 2,130,852; Sept. 20.
Lusseyran, Pierre, Paris, France, assignor, by mesne assignments, to Titan Company, Inc., Wilmington, Del. Pigment suspensions and preparing same. 2,130,554; Sept. 20.
Maas, A. R., Chemical Co. (See Bowman, Frederic C., assignor.)
Mackahan, Rufus E., West Hollywood, and M. W. Hard, Los Angeles, Calif. Eyeglass. 2,130,692; Sept. 20.
MacKay, John E., Cleveland, Ohio. Longload signal. 2,130,467; Sept. 20.
Madden, Daniel, Portland, Oreg. Forming coil bindings. 2,130,396; Sept. 20.
Madsen, Neil B., Portland, Oreg. Automatic lifting mechanism. 2,130,354; Sept. 20.
Magill, Donald G., Great Neck, assignor to American Can Company, New York, N. Y. Forming moistureproof and greaseproof containers. 2,130,355; Sept. 20.
Magill, Paul L., and C. Dangelmajer, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Printing composition. 2,130,807; Sept. 20.
Maginnis, Frank A., Los Angeles, assignor to J. F. Daly, Alhambra, Calif. Air flow ventilating, heating, cooling, humidifying, gassing control transport system. 2,130,430; Sept. 20.
Magnesium Products, Inc. (See Kemmer, Frank R., assignor.)
Maisel, Carl. (See Hibben, James H., assignor.)
Maiuri, Guido, London, England. Refrigeration. 2,130,503; Sept. 20.
Malam, John E., Birmingham, England, assignor to Imperial Chemical Industries Limited. Heat treatment of metals. 2,130,756; Sept. 20.
Malcolm, Robert, Chicago, Ill. Respirator filter. 2,130,555; Sept. 20.
Mallory, P. R., & Co. (See Hensel, F. R., and Larsen.)
Manchester, Mitchell W., Williamsport, Pa., assignor, by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill. Power meter. 2,130,591; Sept. 20.

Mann, Blanche C., Evanston, Ill. Infant's sleeping garment. 2,130,771; Sept. 20.
Marchev, Alfred, La Grange, and H. Jagger, assignors to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 2,130,962; Sept. 20.
Marriott, Thomas, Fayette City, Pa., assignor to The American Steel and Wire Company of New Jersey. Chain cradle. 2,130,986; Sept. 20.
Marshall, Clinton E., New York, N. Y. Pencil and pen clip. 2,-130,853; Sept. 20.
Marshall, Donald E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ignition seal. 2,130,888; Sept. 20.
Marshall, George S., assignor to Highway Marking Machine Company, Laredo, Tex. Road marking device. 2,130,356; Sept. 20.
Martin, William H., Chappaqua, N. Y., assignor to American Telephone and Telegraph Company. Signaling system. 2,130,468; Sept. 20.
Master-Craft Corporation. (See Allyn, Leon L., assignor.)
Master Grip-O-Matic, Inc. (See Edwards, J. E., and Noble, assignors.)
Mathauer, Edmund G. (See Kateley, F. W., and Mathauer.)
Mayer, William. (See Holst, L. J. R., Mayer, and Menefee.)
Maynes, Emma C. (See Maynes, Hyla F., assignor.)
Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Fishing reel. 2,130,670; Sept. 20.
Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Fishing reel. 2,130,671; Sept. 20.
Mays Manufacturing Company. (See Faye, Roy A., assignor.)
McAllister, Sumner H., Lafayette, and E. F. Bullard, Oakland, assignors to Shell Development Company, San Francisco, Calif. Aidol condensation process. 2,130,592; Sept. 20.
McBee Company, The. (See Gerety, Edward J., assignor.)
McBride, John J., Bayonne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Car door operating and locking mechanism. 2,130,772; Sept. 20.
McCabe, John J., Euclid, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Clutch mechanism. 2,130,757; Sept. 20.
McCann, Michael, Ozone Park, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Button sewing machine. 2,131,012; Sept. 20.
McClain, Jesse B., assignor to The Garlock Packing Company, Palmyra, N. Y. Stuffing box. 2,130,741; Sept. 20.
McClane, Joseph L., Hempstead, N. Y., assignor to Seversky Aircraft Corporation. Aircraft structure. 2,130,504; Sept. 20.
McClure, Robert E., assignor, by mesne assignments, to The Wean Engineering Co., Inc., Warren, Ohio. Selective control system. 2,130,808; Sept. 20.
McConkey, Montgomery W. (See Sanford, R. S., and McConkey.)
McCutchen, Brunson S. (See Frantz, S. G., and McCutchen.)
McGaugh, Calvin G., Dallas, Tex. Display rack. 2,130,672; Sept. 20.
McGrew, Orville V., Chicago, Ill., assignor to McGrew Paint & Asphalt Co. Wall finish. 2,130,357; Sept. 20.
McGrew Paint & Asphalt Co. (See McGrew, Orville V., assignor.)
McKay, Charles H. (See Fickett, E. L., Forman, and McKay.)
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring therewith. 2,130,358; Sept. 20.
Meineke, August. (See Kühn, Wilhelm, assignor.)
Meister, Karl, Magdeburg-Sudenburg, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buchau, Germany. Crusher. 2,130,673; Sept. 20.
Memminger, Karl. (See Hahn, H., and Memminger.)
Menefee, Harry R. (See Holst, L. J. R., Mayer, and Menefee.)
Mercer, Samuel R. (See Gednetz, John R., assignor.)
Mercereau, Elie A., Port Hammond, British Columbia, Canada. Typewriter eraser. 2,130,963; Sept. 20.
Metropolitan Device Corporation. (See Rypinski, Albert B., assignor.)
Metziger, Max. (See Block, L., and Metziger.)
Meyer, Emil A., Springfield, Ohio. Time switch. 2,130,725; Sept. 20.
Meyer, Maximilian C., Brooklyn, N. Y. Container. 2,130,773; Sept. 20.
Michael, Edward F. L., assignor of one-half to M. Grill, New York, N. Y. Fountain pen. 2,130,774; Sept. 20.
Midland Steel Products Company, The. (See Begg, Russell S., assignor.)
Miller, Brian E. M., London, England, assignor to Celanese Corporation of America. Ornamental compound sheet material. 2,130,359; Sept. 20.
Miller, Brian E. M., London, England, assignor to Celanese Corporation of America. Production of effects in films, sheets, and similar materials. 2,130,360; Sept. 20.
Miller, Carroll E., assignor to Cone Automatic Machine Company, Inc., Windsor, Vt. Multiple spindle automatic lathe. 2,130,809; Sept. 20.
Miller, Fred C., Los Fresnos, Tex. Dental press for forming wax patterns. 2,130,593; Sept. 20.
Miller, Harley H., Middletown, Ohio, assignor to The Philip Carey Manufacturing Company. Cabinet mirror unit. 2,130,556; Sept. 20.
Miller, Nicholas, La Grange, assignor to Edison General Electric Appliance Company, Chicago, Ill. Temperature control device. 2,130,889; Sept. 20.
Milner, Lee, Portsmouth, Va. Spirit level. 2.130,647; Sept. 20.
Minkiewitz, William J., Salem, Oreg. Egg separator. 2,130,964; Sept. 20.
Mittag, Albert H., Schenectady, N. Y., assignor to General Electric Company. Starting of thyratron motors. 2,130,890; Sept. 20.
Mnookin, Nathan M., Kansas City, Mo., assignor to Synthetic Products, Inc. Production of glycols. 2,130,891; Sept. 20.
Molins Machine Company. (See Ruau, Félix F., assignor.)
Monarch Manufacturing Works, Inc. (See Murphy, Thomas W., assignor.)
Mooradian, Harry S., assignor to The Dayton Rubber Mfg. Company, Dayton, Ohio. Tire. 2,130,594; Sept. 20.
Morphet, Everett C., Wilmar, Calif., assignor to Bendix Products Corporation, South Bend, Ind. Automatic brake latch. 2,130,892; Sept. 20.
Motor Wheel Corporation. (See Horn, Harry J., assignor.)
Mott-Smith, Lewis M., Houston, Tex. Torsion gravimeter. 2,130,648; Sept. 20.
Mouromtseff, Ilia E., and H. N. Kozanowski, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Modulation. 2,130,893; Sept. 20.
Mueller-Cunradi, Martin. (See Otto, M., and Mueller-Cunradi.)
Mueller, Emil G., assignor to The American Brake Company, Swissvale, Pa. Brake head balancing device. 2,130,595; Sept. 20.
Muir, Roy C., Schenectady, N. Y., assignor to General Electric Company. Automatic temperature regulation. 2,130,894; Sept. 20.
Muncie, Fred W., New Brunswick, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Deterging. 2,130,361; Sept. 20.
Muncie, Fred W., New Brunswick, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Detergent and method of preparation. 2,130,362; Sept. 20.
Munter, Casimir J., Dormont, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Preparing a solution of calcium-repressing alkali-metal metaphosphate from water-insoluble alkali-metal metaphosphates. 2,130,557; Sept. 20.
Munz, Elmer G., Detroit, Mich. Spray head. 2,130,810; Sept. 20.
Münz, Ferdinand, Frankfort-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Polyamino carboxylic acids and making same. 2,130,505; Sept. 20.
Murphy, Thomas W., Bala-Cynwyd, assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Forming spray nozzle disk. 2,130,854; Sept. 20.
Murray Corporation of America, The. (See Thompson, Russell R., assignor.)
Murray, James, Newark, Ohio. Figure toy game apparatus. 2,130,558; Sept. 20.
Myhren, Arne J., and S. I. Hammond, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Precipitation of zinc sulphide with hydrogen sulphide recovery. 2,130,742; Sept. 20.
N. and F. Corporation. (See Feather, David C., assignor.)
Nashe, Leif, Concord, and O. Overgaard, West Concord, Mass. Ski binding. 2,130,693; Sept. 20.
Nash-Finch Company. (See Davis, Clarence J., assignor.)
Nasser, John J., Kingston, Pa. Key container. 2,130,469; Sept. 20.
National Lead Company. (See Plechner, W. W., and Jarmus, assignors.)
National Lead Company. (See Schmidt, Charles L., assignor.)
National Pneumatic Company. (See Conklin, Roscoe D., assignor.)
National Supply Company, The. (See Spalding, John D., assignor.)
Neil, Wm. P., Company. (See Edison, John S., assignor.)
Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,130,363; Sept. 20.
Nelson, Mathews, Tulsa, Okla. Ventilator. 2,130,811; Sept. 20.
Ness, Artur, Hamburg, assignor to Deschimag, Bremen, Germany. Hydraulic coupling. 2,130,895; Sept. 20.
Neugebauer, Hermann, Berlin-Spandau, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective system. 2,130,896; Sept. 20.
Neumair, Joseph A., Hollis, N. Y., assignor to International Cigar Machinery Company. Tear strip wrapping machine. 2,130,775; Sept. 20.
New Jersey Zinc Company, The. (See Myhren, A. J., and Hammond, assignors.)
New Jersey Zinc Company, The. (See Copeland, L. C., and Stone, assignors.)

Newman, Jacob E., Pittsburgh, Pa. Spigot knob. 2,130,694; Sept. 20.
New York Air Brake Company, The. (See Campbell, Charles A., assignor.)
Nichol, William G., Philadelphia, Pa. Fountain pen. 2,130,926; Sept. 20.
Niedhammer, Robert N., Fort Wayne, Ind. Juice catcher for food grinders. 2,130,397; Sept. 20.
Niemann, Frederick A., Chicago, and J. A. V. Turck, Wilmette, assignors to Felt & Tarrant Mfg. Co., Chicago, Ill. Calculating machine. 2,130,364; Sept. 20.
Nitroglycerin Aktiebolaget. (See Öhman, Per V., assignor.)
Noble, Harry M., East Cleveland, Ohio. Heating appliance. 2,130,927; Sept. 20.
Noble, William H. (See Edwards, J. E., and Noble.)
North American Rayon Corporation. (See Bitter, John L., assignor.)
Northwest Paper Company, The. (See Atkins, Samuel F., assignor.)
Northwest Paper Company, The. (See Textor, Clinton K., assignor.)
Norton Company. (See Person, G. W., and Prescott, assignors.)
Nystrom, Karl F., Milwaukee, Wis., assignor to Chicago-Hutchins Corporation, Chicago, Ill. Railway car construction. 2,130,812; Sept. 20.
Ockrent, Charles. (See Hardie, D. W. F., and Ockrent.)
Ocon, Ernest A., New York, N. Y. Treating a plurality of heavy hydrocarbon oils for subsequent cracking. 2,130,596; Sept. 20.
Oelkers, Alfred H., and F. E. Bachman, assignors to American Steel Foundries, Chicago, Ill. Freight car truck snubber. 2,130,674; Sept. 20.
Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Locomotive driving wheel roller bearing unit. 2,131,013; Sept. 20.
Ogden, Jacob W., Springdale, assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Timed tripping device. 2,130,897; Sept. 20.
Ogden, Jacob W., Springdale, assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Tripping device. 2,130,898; Sept. 20.
Ohio Truss Company, The. (See Pease, William A., assignor.)
Öhman, Per V., assignor to Nitroglycerin Aktiebolaget, Gyttorp, Sweden. Electrolytic production of esters. 2,130,813; Sept. 20.
Okill, John, Lower Bebington, England. Apparatus for measuring fluid pressure. 2,130,649; Sept. 20.
Oldham, John M., Pleasant Ridge, assignor to L. A. Young, Detroit, Mich. Snap fastener. 2,130,597; Sept. 20.
Oliver, Wallace F., Detroit, Mich., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Transmission. 2,130,855; Sept. 20.
O'Malley, Edward, Chicago, Ill. Resurfacing valve seats. 2,130,506; Sept. 20.
Oser, Alfred, Vienna, Austria. Apparatus for mounting samples on cards and the like. 2,130,776; Sept. 20.
Östberg, Gunnar. (See Sundqvist, Gustav O., assignor.)
Otto, Albert T., & Sons, Inc. (See Grant, Albert E., assignor.)
Otto, Michael, and M. Mueller-Cunradi, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. High molecular weight iso-olefine polymers and producing the same. 2,130,507; Sept. 20.
Overgaard, Odd. (See Nashe, L., and Overgaard.)
Papp, Stephen, Tonawanda, N. Y. Electric door lock. 2,130,559; Sept. 20.
Park, Carl P., Manchester, N. H., assignor to U. S. Bobbin & Shuttle Company 1929, Providence, R. I. Eye block for shuttles. 2,130,695; Sept. 20.
Parker, Arthur H. (See Sebell, Harry, assignor.)
Parker, Milton E. (See Hammer, B. W., Horneman, and Parker.)
Parker, Milton E. (See Hammer, B. W., Horneman, Quam, Lockwood, Beery, and Parker.)
Parker, Willard T., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Latching mechanism. 2,130,856; Sept. 20.
Parsons, Alfred H., Rockville Centre, N. Y. Applying facing material. 2,130,743; Sept. 20.
Patzwaldt, Karl, Gladbach-Rheydt, Germany. Sound permeable picture projection screen and making same. 2,130,704; Sept. 20.
Paulson, George M., New York, N. Y. Igniter for internal combustion engines. 2,130,365; Sept. 20.
Pawsat, Ewald F., Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated. Mudguard support. 2,130,696; Sept. 20.
Pawsat, Ewald F., Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated. Bicycle luggage carrier. 2,130,928; Sept. 20.
Pease, William A., Cincinnati, Ohio, assignor to The Ohio Truss Company, Truss. 2,130,697; Sept. 20.
Penick, Arthur J. and K. T., Houston, Tex. Deep well pump. 2,130,598; Sept. 20.
Penick, Kirby T. (See Penick, Arthur J. and K. T.)
Pennsylvania Railroad Company, The. (See Brenner, Benjamin H., assignor.)
Penton, Joseph T., Los Angeles, Calif. Enameled article. 2,130,631; Sept. 20.
Pepin, Charles H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Welt hold-down for sole attaching machines. 2,130,366; Sept. 20.
Person, George W., and S. F. Prescott, assignors to Norton Company, Worcester, Mass. Abrasive device for truing spherical surfaces. 2,130,987; Sept. 20.
Petermichl, Franz, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Electric circuit interrupter. 2,130,999; Sept. 20.
Petermichl, Franz, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Electric circuit interrupter. 2,131,000; Sept. 20.
Peters, John F., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Remote control system. 2,130,899; Sept. 20.
Peters, William J. (See Hartog, Stephen D., assignor.)
Peterson, David H., Marion, Ohio. Device for holding fishing rods or poles. 2,130,650; Sept. 20.
Peterson, Eugene, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inductance device. 2,130,508; Sept. 20.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Antenna system. 2,130,675; Sept. 20.
Petsche, Gustav B. (See Fischer, A. K., and Petsche.)
Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,130,470; Sept. 20.
Phillips, Trevor W., assignor of one-half to Vacseal Containers Limited, London, England. Closure for canisters, boxes, cans, jars, and the like containers. 2,130,651; Sept. 20.
Piriach, Nikola B. (See Kristich, J. N., and Piriach.)
Pitney-Bowes Meter Co. (See Ogden, Jacob W., assignor.)
Planskoy, Leonti, Paris, France. Production of composite images. 2,130,777; Sept. 20.
Plant Liquidation Corporation. (See Pratt, Verneur E., assignor.)
Plastergon Wall Board Company. (See Fletcher, John, assignor.)
Plechner, Walter W., and J. M. Jarmus, Metuchen, N. J., assignors, by mesne assignments, to National Lead Company, New York, N. Y. Pigment suspension and preparing the same. 2,130,560; Sept. 20.
Polkinghorn, Frank A. (See Feldman, C. B. H., and Polkinghorn.)
Pollard, Gurdon T., Denver, Colo. Power transmission. 2,130,632; Sept. 20.
Pollopas Patents Limited. (See Rocard, Yves A., assignor.)
Porter, Richard C., Wakefield, Mass. Tool support. 2,130,965; Sept. 20.
Powers, Milton A., Detroit, Mich., assignor, by mesne assignments, to The Timken-Detroit Axle Company, Liquid fuel burning apparatus. 2,130,471; Sept. 20.
Pradier, Enogat. (See Lafitte, T. J. B., and Pradier.)
Pratt, Verneur E., Stamford, Conn., assignor, by mesne assignments, to Plant Liquidation Corporation. Projection apparatus. 2,130,561; Sept. 20.
Pratt, Verneur E., Stamford, Conn., assignor, by mesne assignments, to Plant Liquidation Corporation. Selecting and indicating device. 2,130,562; Sept. 20.
Presbrey, Otis F., Brooklyn, N. Y. Dynamometer or/and testing apparatus for motor vehicles. 2,130,900; Sept. 20.
Prescott, Sherwood F. (See Person, G. W., and Prescott.)
Press, Carl, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,130,857; Sept. 20.
Preston, George W., San Leandro, Calif. Feed mechanism for metal spray. 2,130,698; Sept. 20.
Process Management Company. (See Atwell, Harold V., assignor.)
Prochnow, Felix E., assignor to Buffalo Pressed Steel Company, Buffalo, N. Y. Muffler. 2,130,001; Sept. 20.
Quam, Sidney N. (See Hammer, B. W., Horneman, Quam, Lockwood, Beery, and Parker.)
Quesada, Rodolfo C., Marianao, Cuba. Engineer transit. 2,130,814; Sept. 20.
Rabe, Karl, Stuttgart, Germany. Springing of wheels. 2,130,431; Sept. 20.
Radeleff, Howard C., Delano, Calif. Safety ball and socket trailer coupling. 2,130,705; Sept. 20.
Radio Corporation of America. (See Franklin, Charles S., assignor.)
Radio Corporation of America. (See Frantz, S. G., and McCutchen, assignors.)
Radio Corporation of America. (See Peterson, Harold O., assignor.)
Radio Corporation of America. (See Tolson, William A., assignor.)
Rakov, William, Syracuse, N. Y. Gauge attachment for sewing machines. 2,130,446; Sept. 20.
Rankin, William K., Lansdowne, Pa., assignor to General Electric Company. Control device. 2,130,901; Sept. 20.
Raybestos-Manhattan, Inc. (See Bockius, C., and Cook, assignors.)
Ready, William A., Brookline, Mass., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Shovel and like tools. 2,130,563; Sept. 20.
Redman, Norman, assignor to American Interlining & Spinning Company, Philadelphia, Pa. Textile machinery. 2,130,599; Sept. 20.

Regen, O., Manufacturing Co. (See Regen, Oscar, assignor.)
Regen, Oscar, Brooklyn, assignor to O. Regen Manufacturing Co., Inc., New York, N. Y. Sewing machine. 2,130,509; Sept. 20.
Reinartz, Heinrich, Aachen, Germany, assignor of one-half to H. Amfaldern, Vienna, Austria. Production of light-metal flasks with thickened neck parts. 2,130,699; Sept. 20.
Reintrock, Wilhelm, Podsused, near Zagreb, Yugoslavia, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Rotary drum. 2,130,744; Sept. 20.
Republic Steel Corporation. (See Thomas, David W., assignor.)
Research Laboratories of National Dairy Products Corporation. (See Horneman, Herman C., assignor.)
Rey, Fernand. (See Edwards, Charles K., assignor.)
Rheinische Metallwaaren-und Maschinenfabrik. (See Kottmann, August, assignor.)
Ridge Tool Company, The. (See Thewes, William O., assignor.)
Riepka, Hellmuth C., Berlin-Lichterfelde, assignor to Steatit-Magnesia Aktiengesellschaft, Berlin-Pankow, Germany. High frequency iron core coil. 2,130,815; Sept. 20.
Riley, Lynn G., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,130,858; Sept. 20.
Ritzerfeld, Wilhelm, Berlin, Germany. Duplicating apparatus. 2,130,600; Sept. 20.
Roberts, Joseph K., Hammond, Ind., assignor to Standard Oil Company (Indiana), Chicago, Ill. Treatment of hydrocarbon oils. 2,130,988; Sept. 20.
Robertson, Robert R., Chicago, assignor to The Translode Joint Company, Chicago, Ill. Road expansion joint. 2,130,859; Sept. 20.
Robeson, Ralph M., Los Angeles, Calif. Gate valve body. 2,130,652; Sept. 20.
Robinson, Hilyard R., Washington, D. C., and A. J. C. Knudstrup, Vienna, Va. Lamp. 2,130,447; Sept. 20.
Rocard, Yves A., Paris, France, assignor to Poliopas Patents Limited, London, England. Stabilizing equipment for vehicles, particularly ships. 2,130,929; Sept. 20.
Rogers, Harold G., assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute harness. 2,130,564; Sept. 20.
Rorabaugh, Harold G., Otis, Colo. Hay fork attachment. 2,130,472; Sept. 20.
Rose, Donald F., Riverside, assignor of one-half to W. P. Walkley, Providence, R. I. Drip receptacle for ice refrigerators. 2,130,930; Sept. 20.
Rose, Edgar J., assignor to E. J. Rose Manufacturing Company of California, Inc., Los Angeles, Calif. Electrode for diathermy treatment and the like. 2,130,758; Sept. 20.
Rose, Edgar J., assignor to E. J. Rose Manufacturing Company of California, Inc., Los Angeles, Calif. Electrode for diathermy treatment. 2,130,759; Sept. 20.
Rose, E. J., Manufacturing Company of California. (See Rose, Edgar J., assignor.)
Rose, Herbert A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,130,902; Sept. 20.
Rosenbauer, Konrad, Linz-on-the-Danube, Austria.. Fire hose nozzle. 2,130,745; Sept. 20.
Ross, Ralph P., Dallas, Tex. Demonstrating device. 2,130,967; Sept. 20.
Ross, Ralph P., Dallas, Tex., assignor, by mesne assignments, to Installment Securities Agency, Inc., Minneapolis, Minn. Apparatus for displaying informational indicia. 2,130,966; Sept. 20.
Rotary Printing Company, The. (See Shoemaker, Mark W., assignor.)
Ruau, Félix F., Deptford, London, assignor to Molins Machine Company, Limited, London, England. Cutting device. 2,130,473; Sept. 20.
Rubel, Edward O., Rochester, N. Y. Mechanical pencil. 2,130,778; Sept. 20.
Rüdenberg, Reinhold, Berlin-Grunewald, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for preventing resonance. 2,130,903; Sept. 20.
Rush, John W., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,130,633; Sept. 20.
Russell, Frank J., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Mounting means for shading coils. 2,130,653; Sept. 20.
Rylsky, Gregory V., New York, N. Y., and S. Cerstvik, Union, N. J., assignors to Bendix Aviation Corporation, South Bend, Ind. Illuminating means for indicating instruments. 2,130,367; Sept. 20.
Rypinski, Albert B., Laurelton, N. Y., assignor to Metropolitan Device Corporation. Switch construction. 2,130,398; Sept. 20.
Rypinski, Albert B., Laurelton, N. Y., assignor to Metropolitan Device Corporation. Sheet metal screw socket. 2,130,399; Sept. 20.
Rysick, Arno, Dresden, Germany. Drive for recording and reproducing devices. 2,130,931; Sept. 20.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,130,368; Sept. 20.
Sadler, Edward P., Louisville, Ky. Producing whip. 2,130,654; Sept. 20.
Safety Grinding Wheel & Machine Company, The. (See Wilson, John C., assignor.)
Salmon, Reginald D., and F. R. Thomas, assignors to Creed and Company, Limited, Croydon, Surrey, England. Transmitting apparatus in teleprinters. 2,130,400; Sept. 20.
Salmond, Hubert M., Fareham, assignor to Graviner Manufacturing Company Limited, London, England. Electrical switching device. 2,130,706; Sept. 20.
Samuel, Arthur L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,130,510; Sept. 20.
Sanderson, Martin I., Davis, assignor of one-third to W. D. James, Sacramento, and one-third to F. P. Wray, Davis, Calif. Implement hitch. 2,130,860; Sept. 20.
Sandin, Jerome, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,130,904; Sept. 20.
Sanford, Roy S., New York, N. Y., and M. W. McConkey, assignors to Bendix Aviation Corporation, South Bend, Ind. Vehicle. 2,131,015; Sept. 20.
Sanford, Roy S., assignor to Bendix Aviation Corporation, South Bend, Ind. Automatic shock absorber adjusting mechanism. 2,131,014; Sept. 20.
Schelhammer, Herman J., Whitestone, assignor to American Hard Rubber Company, New York, N. Y. Producing hard rubber products. 2,130,905; Sept. 20.
Scherfer, Jacob, Chicago, Ill. Combination undergarment. 2,130,906; Sept. 20.
Schimmelschmidt, Kurt, Frankfort-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Carboxylic acids of capillary action containing isocyclic ring-systems and preparing them. 2,130,989; Sept. 20.
Schlenther, Julius. (See Knight, J. M., and Schlenther.)
Schmidt, Charles L., St. Louis, Mo., assignor, by mesne assignments, to National Lead Company, New York, N. Y. Treating titanium-bearing materials. 2,130,565; Sept. 20.
Schmidt, Richard W., Redondo Beach, assignor to The Evanston Company, Los Angeles, Calif. Comminuting wood for making carbons. 2,130,566; Sept. 20.
Schmook, Rudolf, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Air-cored high-frequency transformer. 2,130,432; Sept. 20.
Schönfeld, Paul, Chemnitz, Germany. Manufacture of warp goods. 2,130,655; Sept. 20.
Schubel, George V., et al. (See Zaebst, Oran C., assignor.)
Schutte & Koerting Co. (See Fischer, A. K., and Petsche, assignors.)
Schwaner, Charles H., Scottsbluff, Nebr. Eye treatments. 2,130,474; Sept. 20.
Schweizerische Industrie-Gesellschaft. (See End, Gotthard, assignor.)
Scofield, Edgar, New York, assignor to Anchor Cap & Closure Corporation, Long Island, N. Y. Two-piece ketchup cap. 2,130,746; Sept. 20.
Scott, John A., St. Louis, Mo. Machine for applying reinforcing fabric to inner soles. 2,130,816; Sept. 20.
Scott, Lloyd H., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition system for internal combustion engines. 2,131,018; Sept. 20.
Sealtest System Laboratories, Inc. (See Hammer, B. W., Horneman, and Parker, assignors.)
Sealtest System Laboratories, Inc. (See Hammer, B. W., Horneman, Quam, Lockwood, Beery, and Parker, assignors.)
Sebell, Harry, Boston, assignor of one-half to A. H. Parker, Lexington, Mass. Can. 2,130,676; Sept. 20.
Sebell, Harry, Cambridge, assignor of one-half to A. H. Parker, Lexington, Mass. Pouring spout for cans. 2,130,861; Sept. 20.
Seidenberg, Otto, Berlin, Germany, assignor, by mesne assignments, to Bendix Aviation Corporation, Chicago, Ill. Clutch mechanism for motor cars. 2,130,907; Sept. 20.
Selwyn, Samuel D., Chicago, Ill. Bottle cap. 2,130,511; Sept. 20.
Separation Process Company. (See Breerwood, Charles H., assignor.)
Seversky Aircraft Corporation. (See McClane, Joseph L., assignor.)
Sewall, Arthur C., Auburn, Maine. Insole blank and making insoles therefrom. 2,130,968; Sept. 20.
Shackleton, Jack, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Tipping of cigarettes. 2,130,700; Sept. 20.
Shamberger, John P., Wilkinsburg, and F. L. Alben, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Railway locomotive. 2,130,908; Sept. 20.
Shaw, Julian C., assignor to The American Laundry Machinery Company, Norwood, Ohio. Garment cleaning system. 2,130,817; Sept. 20.
Shell Development Company. (See McAllister, S. H., and Bullard, assignors.)
Sherman, Henry, West Coxsackie, N. Y. Harmonica holder. 2,130,707; Sept. 20.

Sherrard, Earl C., E. Beglinger, and J. P. Hohf, and E. Bateman, deceased, by W. T. Bateman, special administrator, Madison, Wis., assignors to H. A. Wallace, Secretary of Agriculture of the United States of America. Plastic composition. 2,130,783; Sept. 20.
Sherwood, Albert L. (See Annen, J. E., and Sherwood.)
Shoemaker, Mark W., Chicago, Ill., assignor to The Rotary Printing Company, Norwalk, Ohio. Manifolding device. 2,130,909; Sept. 20.
Shoup, Edward C., and S. A. Hollcraft, Riverside, Calif. Sewing machine attachment. 2,130,969; Sept. 20.
Shouse, James E., Louisville, Ky. Cigarette package. 2,130,475; Sept. 20.
Siemens & Halske, Aktiengesellschaft. (See Schmook, Rudolf, assignor.)
Siemens-Schuckertwerke Aktiengesellschaft. (See von Issendorff, Jurgen, assignor.)
Signori, Frank, Reno, Nev. Traction attachment. 2,130,448; Sept. 20.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister. 2,130,512; Sept. 20.
Singer Manufacturing Company, The. (See Chason, Daniel H., assignor.)
Singer Manufacturing Company, The. (See Kaier, Richard, assignor.)
Singer Manufacturing Company, The. (See McCann, Michael, assignor.)
Sipe, Harry E., New York, N. Y., assignor to Talon, Inc. Making separable interlocking fasteners. 2,130,932; Sept. 20.
Slater, Sidney A. (See Evans, J. G., and Slater.)
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf cutting machine. 2,130,601; Sept. 20.
Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,130,513; Sept. 20.
Smith, Clarence C. (See Le Vesconte, H. J., and Smith.)
Smith, Edward J., and V. R., West Norwood. N. J. Stapling and ring forming machine. 2,130,779; Sept. 20.
Smith, Floyd, assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute apparatus. 2,130,567; Sept. 20.
Smith, Floyd, assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute apparatus. 2,130,568; Sept. 20.
Smith, Floyd, assignor to Irving Air Chute Co., Inc., Buffalo, N. Y. Parachute apparatus. 2,130,569; Sept. 20.
Smith, Marshall A., Jr., assignor to Bendix Products Corporation, South Bend, Ind. Fan. 2,130,910; Sept. 20.
Smith, Richard E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Double-walled box. 2,130,602; Sept. 20.
Smith, Russell H., Quanah, Tex. Furrow damming implement. 2,130,970; Sept. 20.
Smith, Vincent R. (See Smith, Edward J., and V. R.)
Snyder, Earl D., Albany, Ill. Adjustable nonslip. 2,130,971; Sept. 20.
Soderberg, Andrew W., Munhall, Pa. Shearing. 2,130,818; Sept. 20.
Solomon, Morris B., New York, N. Y. Alcohol burner. 2,130,434; Sept. 20.
Solvay Process Company, The. (See Beekhuis, Herman A., Jr., assignor.)
Soulis, Harold A., Easton, Pa. System and apparatus for handling freight. 2,130,747; Sept. 20.
Southern Dyestuff Corporation. (See Buchanan, Arthur J., assignor.)
Spalding, John D., Los Angeles, assignor to The National Supply Company, Torrance, Calif. Rotary machine. 2,130,401; Sept. 20.
Spelman, Vincent J., Northport, Long Island, N. Y. Ship's ventilator. 2,130,603; Sept. 20.
Spencer, Frank D., Skelton, W. Va. Combined brace and tie plate. 2,130,972; Sept. 20.
Spicer, Hobart M. (See Knowlton, C. S., and Spicer.)
Spindler, William H., Chillicothe, Ohio. Chokeless drag feed. 2,130,973; Sept. 20.
Spooner, Henry W., Crestwood, N. Y. Pencil pointer. 2,130,370; Sept. 20.
Spreyer, George S., Fallon, Nev. Attachment for tailboard scrapers. 2,130,974; Sept. 20.
Standard Oil Company (Indiana). (See Roberts, Joseph K., assignor.)
Standard Oil Development Company. (See Lewis, Warren K., assignor.)
Staples, Henry B., trustee. (See Curry, Robert J.)
Stapling Machines Co. (See Florcyk, Edward M., assignor.)
Start, Ernest. (See Start, Harry W. and E.)
Start, Harry W., Carlton, and E. Start, Wilford, England. Straight-bar knitting machine. 2,130,708; Sept. 20.
Staude, Edwin G., Minneapolis, Minn. Counting mechanism. 2,130,604; Sept. 20.
Staude, Edwin G., Minneapolis, Minn. Gumming and drying adhesive on flat surfaces. 2,130,605; Sept. 20.
Steatit-Magnesia Aktiengesellschaft. (See Reipka, Hellmuth C., assignor.)
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Motor-compressor unit for a refrigerating machine. 2,130,862; Sept. 20.
Steps, Robert A., Los Angeles, Calif. Centrifugal control apparatus. 2,130,864; Sept. 20.
Stevens, William R., Laurel, Md. Dispensing closure for containers. 2,130,975; Sept. 20.
Stickney, Fernald S., Verona, and D. A. Young, East Orange, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring instrument. 2,130,863; Sept. 20.
Stoll, Albert, assignor to C. L. Brackett, Detroit, Mich. Lock nut. 2,130,827; Sept. 20.
Stolpestad, Clifford T. (See Hines, H. E., and Stolpestad.)
Stone, Harvey F. (See Stone, Henry D., assignor.)
Stone, Henry D., Entiat, Wash., assignor of one-half to H. F. Stone, The Dalles, Oreg. Harvesting device. 2,130,976; Sept. 20.
Stone, John R. (See Copeland, L. C., and Stone.)
Stoner-Mudge, Inc. (See Johnson, A. W., and Young, assignors.)
Stötter, Hermann, Leverkusen-I. G. Werk, and T. Hermann, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Mothproofing detergent composition. 2,130,435; Sept. 20.
Stratton, George B. (See Coleman, G. H., and Stratton.)
Streander, Philip B., Maplewood, N. J., assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Filter bed cleaner. 2,131,002; Sept. 20.
Stupp, John G., assignor to Blaw-Knox Company, Pittsburgh, Pa. Form for lining earth borings and handling mechanism therefor. 2,130,819; Sept. 20.
Sturtevant, B. F., Company. (See Anderson, Samuel M., assignor.)
Suddeutsche Apparate-Fabrik G. m. b. H. (See Fischer, Franz, assignor.)
Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)
Sullivan, William J., assignor to Independent Die and Supply Company, St. Louis, Mo. Die. 2,130,514; Sept. 20.
Sundqvist, Gustav O., assignor to G. Östberg, Stockholm, Sweden. Rake. 2,130,828; Sept. 20.
Suter, Eugene F., assignor to Eugene, Ltd., New York, N. Y. Permanent waving. 2,130,748; Sept. 20.
Sutherland Paper Company. (See Annen, J. E., and Sherwood, assignors.)
Sutherland Paper Company. (See Smith, Richard E., assignor.)
Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,130,436; Sept. 20.
Sweet, Vance, Cleveland, Ohio, assignor to H. V. Ensten. Cap and scarf assembly. 2,130,933; Sept. 20.
Synthetic Products, Inc. (See Mnookin, Nathan M., assignor.)
Taguchi, Junzo, Yotsuya-ku, Tokyo-shi, Japan. Attachment for artificial teeth. 2,130,656; Sept. 20.
Talon, Inc. (See Sipe, Harry E., assignor.)
Tanner, Elo C., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling apparatus. 2,130,515; Sept. 20.
Taylor, Harry W., Oak Park, Ill. Exhibiting and advertising device. 2,130,437; Sept. 20.
Taylor, Herbert R. (See Kreilick, L. W., and Taylor.)
Technidyne Corporation. (See Jones, L. L., and Yolles, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gothe, Albrecht, assignor.)
Teunon, Charles G., Trenton, N. J. Building unit. 2,130,911. Sept. 20.
Textor, Clinton K., assignor to The Northwest Paper Company, Cloquet, Minn. Apparatus for chlorinating pulp. 2,130,402; Sept. 20.
Thewes, William O., assignor to The Ridge Tool Company, North Ridgeville, Ohio. Tubing cutter. 2,130,934; Sept. 20.
Thomas & Betts Co., The. (See Bergan, Martin D., assignor.)
Thomas, David W., Youngstown, assignor, by mesne assignments, to Republic Steel Corporation, Cleveland, Ohio. Sealing ring. 2,130,701; Sept. 20.
Thomas, Frank R. (See Salmon, R. D., and Thomas.)
Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,130,449; Sept. 20.
Thompson, James S., Hackensack, N. J. Constant flow spillway. 2,130,936; Sept. 20.
Thompson, Russell R., Detroit, Mich., assignor to The Murray Corporation of America. Upholstery. 2,130,935; Sept. 20.
Thompson, William E. (See Chattin, J. H., and Clements, assignors.)
Thomsen, Christoph. (See Koch, E., Dachlauer, and Thomsen.)
Thorndike Engineering Corporation. (See Alexander, George W., assignor.)
Timken-Detroit Axle Company, The. (See Powers, Milton A., assignor.)
Timson, Ernest A., and C. H. Dickinson, Kettering, England. Sheet-feeding mechanism for printing and analogous machines. 2,130,977; Sept. 20.
Titan Company. (See Lusseyran, Pierre, assignor.)
Tolson, William A., Westmont, N. J., assignor to Radio Corporation of America. System for the communication of intelligence. 2,130,913; Sept. 20.

Tolson, William A., Westmont, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Direction finder. 2,130,912; Sept. 20.
Townsend, William S., assignor to American Can Company, New York, N. Y. Canned oil dispensing apparatus. 2,130,371; Sept. 20.
Translode Joint Company, The. (See Robertson, Robert R., assignor.)
Trumbull, Alexander H., Stratford, Conn. Circle ball game. 2,130,820; Sept. 20.
Tucker, Thomas T., Atlanta, Ga. Method of and apparatus for insulating buildings. 2,130,372; Sept. 20.
Turck, Joseph A. V. (See Niemann, F. A., and Turck.)
Turnbull, Frederick, Newcastle-upon-Tyne, England. Walking vehicle. 2,130,677; Sept. 20.
Ulrich, Herman, Cedar Falls, Iowa. Brake-applying mechanism. 2,130,938; Sept. 20.
Underpinning & Foundation Co. (See Streander, Philip B., assignor.)
Union Carbide and Carbon Corporation. (See Jacobsson, Wilgot J., assignor.)
Union Oil Company of California. (See Bray, Ulric B., assignor.)
Union Oil Company of California. (See Flaxman, Marcellus T., assignor.)
Union Special Machine Company. (See Hacklander, Hans, assignor.)
Union Special Machine Company. (See Le Vesconte, H. J., and Smith, assignors.)
Union Switch & Signal Company, The. (See Allen, E. M., and Little, assignors.)
Union Switch & Signal Company, The. (See Bone, Herbert L., assignor.)
Union Switch & Signal Company, The. (See Pflasterer, George R., assignor.)
Union Switch & Signal Company, The. (See Thompson, Howard A., assignor.)
United-Carr Fastener Corporation. (See Chaffee, Raymond O., assignor.)
United-Carr Fastener Corporation. (See Jones, Walter I., assignor.)
United Shoe Machinery Corporation. (See Pepin, Charles H., assignor.)
U S Bobbin & Shuttle Company 1929. (See Park, Carl P., assignor.)
United States Rubber Products, Inc. (See Gruner, William J., assignor.)
United States Rubber Products, Inc. (See Honig, Frank, assignor.)
Universal Oil Products Company. (See Angell, Charles H., assignor.)
Universal Oil Products Company. (See Nelsen, Edwin F., assignor.)
Universal Oil Products Company. (See Swartwood, Kenneth, assignor.)
"Universelle" Cigarettenmaschinenfabrik J. C. Mueller & Co. (See Graupner, Paul L., assignor.)
Urschel, William E., Valparaiso, Ind. Material cutting and dicing machine. 2,130,937; Sept. 20.
Utrecht, William, Tampa, Fla. Pump gear for windmills. 2,130,780; Sept. 20.
Vacseal Containers Limited. (See Phillips, Trevor W., assignor.)
Van Alstyne, Bonnie E., San Francisco, Calif. Line indicator and means of attachment to a notebook. 2,130,750; Sept. 20.
Vanderkamp, John, et al. (See Zaebst, Oran C., assignor.)
Van der Meer, Constant P. J. M., Brussels, Belgium. Apparatus for determining the resistance of the ground. 2,130,751; Sept. 20.
Venable, William H., assignor to Blaw-Knox Corporation, Pittsburgh, Pa. Weighing apparatus. 2,130,821; Sept. 20.
Voegle, Joseph, A. G. (See Köhler, Willy, assignor.)
Voigtlander & Sohn Aktiengesellschaft. (See Barényi, Árpád, assignor.)
Volz, Anton, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to Hall Laboratories Inc., Pittsburgh, Pa. Fulling or felting wool or hair. 2,130,570; Sept. 20.
Von Collas, Hans E., Brunswick, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Arrangement for modulating high frequency oscillations. 2,130,381; Sept. 20.
Von Issendorff, Jurgen, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electrode arrangement. 2,130,845; Sept. 20.
Von Mutzenbecher, Paul. (See Lautenschläger, C. L., Ludwig, and von Mutzenbecher.)
Von Till, Louis A., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Cap and package. 2,130,749; Sept. 20.
Vrane, Paul. (See Klemschofski, K., and Vrane.)
Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Feeder and feeding molten glass. 2,130,702; Sept. 20.
Wagner, Erwin, Chicago, Ill. Illuminated sign and sign character. 2,130,752; Sept. 20.
Wald Manufacturing Company. (See Pawsat, Ewald F., assignor.)
Walker, Henry L. (See Dervieux, André, assignor.)
Walkley, William P. (See Rose, Donald F., assignor.)
Wallace, Henry A., Secretary of Agriculture of the United States of America. (See Sherrard, E. C., Beglinger, Hohf, and Bateman.)
Waltzinger, August F., Jackson Heights, assignor to H. K. Lorentzen, New York, N. Y. Venetian blind hardware. 2,130,403; Sept. 20.
Wanamaker, Ernest, Chicago, Ill. Air conditioning. 2,130,606; Sept. 20.
Ward Leonard Electric Company. (See Andrews, Rufus A., assignor.)
Warmisham, Arthur, assignor to Hapella Limited, Leicester, England. Lens. 2,130,760; Sept. 20.
Warren, Kenneth W., assignor to Bendix Aviation Corporation, South Bend, Ind. Shock strut. 2,130,914; Sept. 20.
Warren Telechron Company. (See Bourquin, Edgar, assignor.)
Watkin, Harold G., Liverpool, England. Electric welding machine. 2,130,657; Sept. 20.
Watson, Harley M., Omaha, Nebr. Tire patch. 2,130,658; Sept. 20.
Watts, Thomas R., Forest Hills, and J. H. Frakes, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Portable insulation testing equipment. 2,130,865; Sept. 20.
Wean Engineering Co., The. (See McClure, Robert E., assignor.)
Weaver, Lisle M. (See Kobe, Herman J., assignor.)
Webb, Jervis B., Royal Oak, Mich. Equalizing drive for conveyer systems. 2,130,433; Sept. 20.
Weber, Otto. (See Gamerdinger, F., and Weber.)
Wedemeyer, Herman, Detroit, Mich. Printing press portable ink fountain. 2,130,659; Sept. 20.
Weisman, Simon, Minneapolis, Minn. Cigarette with lighter attachment. 2,130,450; Sept. 20.
Welch, Elmer B., assignor to Firth-Sterling Steel Company, McKeesport, Pa. Forgeable high speed steel. 2,130,822; Sept. 20.
Weller, John, West Horsley, England. Tensioning device for transmission chains and the like. 2,130,571; Sept. 20.
Wells-Gardner & Company. (See Bradshaw, Edwin G., assignor.)
Wendt, Bruno, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Layers containing bleaching-out dyes. 2,130,572; Sept. 20.
Wessel, Harry N. (See Lindemann, Gella, assignor.)
Westerlund, Paul H., assignor to Deere & Company, Moline, Ill. Seat support. 2,130,438; Sept. 20.
Westinghouse Air Brake Company, The. (See Aikman, Burton S., assignor.)
Westinghouse Air Brake Company, The. (See Canetta, J., and Cook, assignors.)
Westinghouse Air Brake Company, The. (See Crittenden, Philip L., assignor.)
Westinghouse Air Brake Company, The. (See Gnavi, Aldo, assignor.)
Westinghouse Air Brake Company, The. (See Hewitt, Ellis E., assignor.)
Westinghouse Air Brake Company, The. (See Rush, John W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ackermann, Otto, assignor.)
Westinghouse Electric & Manufacturing Company. (See Allard, Arthur R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Belknap, John H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Dyer, L. W., and Gamel, assignors.)
Westinghouse Electric & Manufacturing Company. (See Harder, Edwin L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hill, C. F., Jones, and Atwell, assignors.)
Westinghouse Electric & Manufacturing Company. (See Hitchcock, Richard C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Jacobi, W. H., and Yost, assignors.)
Westinghouse Electric & Manufacturing Company. (See Lunas, Lawrence J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Marshall, Donald E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mouromtseff, I. E., and Kozanowski, assignors.)
Westinghouse Electric & Manufacturing Company. (See Neugebauer, Hermann, assignor.)
Westinghouse Electric & Manufacturing Company. (See Parker, Willard T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Peters, John F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Riley, Lynn G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rose, Herbert A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rüdenberg, Reinhold, assignor.)
Westinghouse Electric & Manufacturing Company. (See Sandin, Jerome, assignor.)
Westinghouse Electric & Manufacturing Company. (See Shamberger, J. P., and Alben, assignors.)
Westinghouse Electric & Manufacturing Company. (See Stickney, F. S., and Young, assignors.)
Westinghouse Electric & Manufacturing Company. (See Tanner, Elo C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Watts, T. R., and Frakes, assignors.)

Westinghouse Electric & Manufacturing Company. (See Wolters, Hans, assignor.)
Weston Electrical Instrument Corporation. (See Lamb, Francis X., assignor.)
Wheeler, Charles A., Bridgeport, Conn., assignor to City of Bridgeport. Traffic officer's garment. 2,130,439; Sept. 20.
Wheeling Steel Corporation. (See Conner, Guy O., assignor.)
Whisler, Ralph H., Halfway, Mich., assignor, by mesne assignments, to Carter Carburetor Corporation, St. Louis, Mo. Carburetor control mechanism. 2,130,915; Sept. 20.
White, Joseph, Comstock, N. Y. Fountain pen. 2,130,978; Sept. 20.
White, S. S., Dental Manufacturing Company, The. (See Angell, Robert C., assignor.)
Widerøe, Rolf, Vestre Aker, near Oslo, Norway. Three-phase power direction indicating means. 2,130,573; Sept. 20.
Williams, Arthur E., Jersey City, assignor to H. S. Germond, Bayonne, N. J. Lift truck. 2,130,939; Sept. 20.
Williams, David T., Larchmont, N. Y. Pumping apparatus. 2,130,516; Sept. 20.
Williams, Samuel, Brynhyfryd, Wales. Roll polisher for rolling mills. 2,130,709; Sept. 20.
Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric control and indicating system. 2,130,443; Sept. 20.
Willis, Clodius H., Princeton, N. J., B. D. Bedford, and F. R. Elder, Schenectady, N. Y., assignors to General Electric Company. Electric valve circuits. 2,130,440; Sept. 20.
Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Reclining seat. 2,130,781; Sept. 20.
Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Reclining seat. 2,130,782; Sept. 20.
Wilson, Ira G., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control circuits. 2,130,517; Sept. 20.
Wilson, John C., assignor to The Safety Grinding Wheel & Machine Company, Springfield, Ohio. Grinding machine. 2,130,823; Sept. 20.
Winthrop Chemical Company. (See Lautenschläger, C. L., Ludwig, and von Mutzenbecher, assignors.)
Winthrop Chemical Company. (See Stötter, H., and Hermann, assignors.)
Wirth, Emil H., Hartmannsdorf, near Chemnitz, Germany. Pattern wheel drive for warp knitting machines. 2,130,979; Sept. 20.
Wiswell, Norman N., Los Angeles, Calif. Device for opening cans. 2,130,634; Sept. 20.
Witt, Harry, Wolf Point, Mont. Water lifting apparatus. 2,130,940; Sept. 20.
Wohlfarth, Otto, and G. de Niem, assignors to Allgemeine Elektricitatz Gesellschaft, Berlin, Germany. Power supply system. 2,130,441; Sept. 20.
Wolters, Hans, Wuppertal-Elberfeld, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical interlock for drive shafts. 2,130,866; Sept. 20.
Woodall, John H., Woodland, Ga. Edge guard for fruit boxes. 2,130,867; Sept. 20.
Worcester, Stanley E., Phoenix, Ariz. Saddle construction. 2,130,442; Sept. 20.
Wray, F. P., et al. (See Sanderson, Martin I., assignor.)
Wylie, Charles A., and W. H. Atwood, San Bernardino, Calif. Bed. 2,130,703; Sept. 20.
Yeater, Joseph J., et al. (See Baker, Lewis B., assignor.)
Yerges Manufacturing Company, The. (See Kreilick, L. W., and Taylor, assignors.)
Yolles, Jacob. (See Jones, L. L., and Yolles.)
Yost, Irvine A. (See Jacobi, W. H., and Yost.)
Youker, Malcolm P., Bartlesville, Okla. Combined circulating and ventilating fan assembly. 2,130,660; Sept. 20.
Young, George H. (See Johnson, A. W., and Young.)
Young, Douglass A. (See Stickney, F. S., and Young.)
Young, Emil O., Cleveland, Ohio. Damper control unit. 2,130,476; Sept. 20.
Young, L. A. (See Oldham, John M., assignor.)
Zaebst, Oran C., assignor of forty-two and one-half per cent to J. Vanderkamp, and seven and one-half per cent to G. V. Schubel and S. Chadwick, Newark, N. J. Tooth brush. 2,130,661; Sept. 20.
Zelger, Georges E., Montreuil-sous-Bois, Seine, France, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Preparation of vinyl derivatives. 2,130,451; Sept. 20.
Zemba, John W. (See Coleman, G. H., and Zemba.)

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 20TH DAY OF SEPTEMBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Brusher, Transverse fruit. H. J. Brandenburg. Re. 20,861; Sept. 20.
Cock for thermostats, Combination gas. R. E. Newell. Re. 20,864; Sept. 20.
Combustion chamber. B. A. Peterson. Re. 20,866; Sept. 20.
Key, Lock. P. W. Olson. Re. 20,865; Sept. 20.
Pictures, Making composite. R. J. Pomeroy. Re. 20,867; Sept. 20.
Sheet-feeder. C. W. Harrold. Re. 20,862; Sept. 20.
Truck, Tank. F. A. Holby. Re. 20,863; Sept. 20.

LIST OF PLANT INVENTIONS

Rose. F. C. Stielow. 292; Sept. 20.

LIST OF DESIGN INVENTIONS

Air conditioner, Portable. A. A. Feinberg. 111,473; Sept. 20.
Bottle. T. D. D'Addario. 111,411; Sept. 20.
Bracket, Motion picture projector. F. J. Wenzel. 111,340; Sept. 20.
Cap, Closure. J. C. Windbiel. 111,450; Sept. 20.
Chair. W. H. Bond, Jr. 111,317; Sept. 20.
Chair back or similar article. H. W. Kranz. 111,324; Sept. 20.
Coat. B. Lefrak. 111,474; Sept. 20.
Comb and manicuring implement, Combination. H. J. Suhadolc. 111,475; Sept. 20.
Curtain or similar article. G. F. Erhard. 111,350–408; Sept. 20.
Curtain or similar article. G. F. Erhard. 111,412–48; Sept. 20.
Curtain or similar article. G. F. Erhard. 111,454–68; Sept. 20.
Diagnostic instrument. E. M. Splaine. 111,338; Sept. 20.
Doll. H. B. Anthony. 111,451; Sept. 20.
Doll. G. A. Newman. 111,327; Sept. 20.
Dress. S. Chapman. 111,472; Sept. 20.
Dress. J. Dubilrer. 111,476; Sept. 20.
Dress. H. Langbert. 111,477; Sept. 20.
Dress. A. Livingston. 111,478; Sept. 20.
Dress. E. Mast. 111,479; Sept. 20.
Dress. M. Sobelman. 111,481–2; Sept. 20.
Electric hot plate. D. L. Hadley. 111,322; Sept. 20.
Fastener, Closure. A. J. Komenak. 111,323; Sept. 20.
Flashlight. A. J. Desimons. 111,342–6; Sept. 20.
Fork or similar article. M. Bernstein. 111,316; Sept. 20.
Gear, Landing. C. G. Seyferth. 111,330; Sept. 20.
Handbag and whistle, Combinatfon. L. Schumacher. 111,329; Sept. 30.
Holder and brush, Combination comb. M. A. North. 111,480; Sept. 20.
Holder or similar article, Soap. R. S. Sanford. 111,328; Sept. 20.
Holder, Tooth brush. S. J. Stanton. 111,409–10; Sept. 20.
Lighter, Furnace. A. Porkolab and B. M. Vecchio. 111,347; Sept. 20.
Nightgown. E. Cadous. 111,471; Sept. 20.
Panel for a memorial structure. S. O. Colbe. 111,318; Sept. 20.
Pitcher and cover therefor, Combined. W. K. Titze. 111,339; Sept. 20.
Radio cabinet. J. E. Adams. 111,315; Sept. 20.
Ramp for protection of hose pipes. G. A. Bainbridge. 111,469; Sept. 20.
Ring or similar article. M. Kronstadt. 111,325; Sept. 20.
Sadiron or similar article. R. I. Huffman. 111,341; Sept. 20.
Scale or article of similar nature, Weighing. T. B. Flanagan. 111,320; Sept. 20.
Shrine or similar article, Miniature religious. L. Hochstadter. 111,452; Sept. 20.
Signboard or similar article. W. Miller. 111,326; Sept. 20.
Signboard or similar article. C. F. Smith. 111,331–7; Sept. 20.
Stand or similar article, Display. W. F. Costello. 111,319; Sept. 20.
Stopper, Glass. E. F. Kelm. 111,453; Sept. 20.
Sweater. H. Boepple. 111,470; Sept. 20.
Textile fabric. S. E. Staines. 111,449; Sept. 20.
Tumbler. E. W. Fuerst. 111,321; Sept. 20.
Valve or similar article, Water. E. V. Lavalle. 111,349; Sept. 20.
Washboard. M. L. Irwin. 111,348; Sept. 20.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 20TH DAY OF SEPTEMBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abietyl compounds and products produced thereby, Treatment of. E. R. Littmann. 2,130,997; Sept. 20.
Abrading roller. P. G. Aulson. 2,130,409; Sept. 20.
Abrasive device for truing spherical surfaces. G. W. Person and S. F. Prescott. 2,130,987; Sept. 20.
Acid and concentrated nitric acid, Production of phosphoric. B. A. Bull. 2,130,483; Sept. 20.
Acids and making same, Polyamino carboxylic. F. Münz. 2,130,505; Sept. 20.
Acids of capillary action containing isocyclic ring-systems and a process of preparing them, Carboxylic. K. Schimmelschmidt. 2,130,989; Sept. 20.
Acoustic receiver, Electric. E. L. Bowles. 2,130,414; Sept. 20.
Adhesive on flat surfaces, Gumming and drying. E. G. Staude. 2,130,605; Sept. 20.
Adjusting device. G. O. Conner. 2,130,679; Sept. 20.
Aerating apparatus. E. W. Bacharach. 2,130,577; Sept. 20.
Aerial feeder arrangement. C. S. Franklin. 2,130,387; Sept. 20.
Aerofoil. A. Craigon. 2,130,582; Sept. 20.
Agitating apparatus. W. N. Heath. 2,130,545; Sept. 20.
Air brake. C. A. Campbell. 2,130,713–14; Sept. 20.
Air conditioning. E. Wanamaker. 2,130,606; Sept. 20.
Air conditioning apparatus. A. M. Kolstad. 2,130,630; Sept. 20.
Air conditioning system. S. M. Anderson. 2,130,479; Sept. 20.
Aircraft structure. J. L. McClane. 2,130,504; Sept. 20.
Alarm, Electric. B. J. Anderson. 2,130,991; Sept. 20.
Alcohol burner. M. B. Solomon. 2,130,434; Sept. 20.
Aldol condensation process. S. H. McAllister and E. F. Bullard. 2,130,592; Sept. 20.
Alkali-metal metaphosphate from water-insoluble alkali-metal metaphosphates, Preparing a solution of calcium-repressing. C. J. Munter. 2,130,557; Sept. 20.
Alloy: *See*—
  Copper alloy.
Anchor, Structural. A. F. Arand. 2,130,531; Sept. 20.
Antenna. A. Gothe. 2,130,389; Sept. 20.
Antenna system. H. O. Peterson. 2,130,675; Sept. 20.
Antifriction bearing. R. Chilton. 2,130,379; Sept. 20.
Apparatus for determining the resistance of the ground. C. P. J. M. Vander Meer. 2,130,751; Sept. 20.
Apparel, Wearing. H. Lemoine. 2,130,690; Sept. 20.
Attachment plug. A. E. Grant. 2,130,424; Sept. 20.
Automatic brake latch. E. C. Morphet. 2,130,892; Sept. 20.
Automatic indicator. D. D. Colee. 2,130,613; Sept. 20.
Automatic valve. R. H. Lachmund. 2,130,687; Sept. 20.
Azo compounds and coloring therewith. J. G. McNally and J. B. Dickey. 2,130,358; Sept. 20.
Baking. R. L. Barton. 2,130,533; Sept. 20.
Ball and socket trailer coupling, Safety. H. C. Radeleff. 2,103,705; Sept. 20.
Band. W. Kühn. 2,130,552; Sept. 20.
Bar: *See*—
  Collar bar.
Batten. R. Boyd. 2,130,788; Sept. 20.
Beam, Multiple unit. G. G. Greulich. 2,130,797; Sept. 20.
Bean and clover seed drier. W. Laggett. 2,130,961; Sept. 20.
Bearing: *See*—
  Antifriction bearing.
Bearing. N. H. Gilman. 2,130,462; Sept. 20.
Bearings, Making. N. H. Gilman. 2,130,461; Sept. 20.
Bed. C. A. Wylie and W. H. Atwood. 2,130,703; Sept. 20.
Belt, Derrickman's safety. C. T. Lewis. 2,130,724; Sept. 20.
Belts, Making abrasive. J. H. Baker. 2,130,753; Sept. 20.
Bicycle luggage carrier. E. F. Pawsat. 2,130,928; Sept. 20.
Binder or loose sheet holder, Temporary. L. L. Allyn. 2,130,830; Sept. 20.
Binding, Ski. L. Nashe and O. Overgaard. 2,130,693; Sept. 20.
Binding, Forming coil. D. Madden. 2,130,396; Sept. 20.
Bit: *See*—
  Drill bit.
Blowpipe. W. J. Jacobsson. 2,130,344; Sept. 20.
Body and engine temperature control system for motor vehicles. W. and J. B. Lintern. 2,131,017; Sept. 20.
Boot, Hip. W. J. Gruner. 2,130,682; Sept. 20.
Bottle cap. S. D. Selwyn. 2,130,511; Sept. 20.
Bottle cap closure. G. W. Alexander. 2,130,609; Sept. 20.
Box: *See*—
  Double-walled box.
  Outlet box.
  Stuffing box.
Box and blank for producing the same, Paper. N. E. Funk. 2,130,488–9; Sept. 20.
Brace and tie plate, Combined. F. D. Spencer. 2,130,972; Sept. 20.
Brake: *See*—
  Air brake.
  Fluid pressure brake.
  Self-adjusting hydraulic brake.
  Variable load brake.
Brake. R. A. Babel. 2,130,868; Sept. 20.
Brake. C. Press. 2,130,857; Sept. 20.
Brake-applying mechanism. H. Ulrich. 2,130,938; Sept. 20.
Brake control, Fluid pressure. J. Canetta and E. S. Cook. 2,130,612; Sept. 20.
Brakes control, Magnetic. E. E. Hewitt. 2,130,621; Sept. 20.
Brake control, Trailer. K. H. Burgin. 2,130,874; Sept. 20.
Brake head balancing device. E. G. Mueller. 2,130,595; Sept. 20.
Brake means, Electric. E. E. Hewitt. 2,130,622; Sept. 20.
Brake rigging. W. A. Gantner. 2,130,667; Sept. 20.
Brake shoe, Magnetic. P. L. Crittenden. 2,130,615; Sept. 20.
Brake system, Hydraulic. R. Hofstetter. 2,130,799; Sept. 20.
Braking mechanism and the like. E. E. Bergland. 2,130,785; Sept. 20.
Brassière. J. R. Bowen. 2,130,534; Sept. 20.
Buff construction. L. W. Kreilick and H. R. Taylor. 2,130,850; Sept. 20.
Buffing wheel. L. W. Kreilick and H. R. Taylor. 2,130,849; Sept. 20.
Building unit. C. G. Teunon. 2,130,911; Sept. 20.
Buildings, Method of and apparatus for insulating. T. T. Tucker. 2,130,372; Sept. 20.
Burner: *See*—
  Alcohol burner.
Cabinet: *See*—
  Sewing machine cabinet.
Cables, Method and apparatus for manufacturing electrical. M. Klein. 2,130,394; Sept. 20.
Calculating machine. A. Kottmann. 2,130,723; Sept. 20.
Calculating machine. F. A. Niemann and J. A. V. Turck. 2,130,364; Sept. 20.
Can: *See*—
  Vacuum sealing can.
Can. H. Sebell. 2,130,676; Sept. 20.
Cans, Device for opening. N. N. Wiswell. 2,130,634; Sept. 20.
Cap: *See*—
  Bottle cap.
  Two-piece ketchup cap.
Cap and package. L. A. Von Till. 2,130,749; Sept. 20.
Cap and scarf assembly. V. Sweet. 2,130,933; Sept. 20.
Cap for fishing reels, Journal. W. H. Franks. 2,130,826; Sept. 20.
Caps for shoe, Apparatus for. F. Gamerdinger and O. Weber. 2,130,422; Sept. 20.
Car construction, Railway. K. F. Nystrom. 2,130,812; Sept. 20.
Carburetor. T. J. B. Lafitte and E. Pradier. 2,130,884; Sept. 20.
Carburetor control mechanism. R. H. Whisler. 2,130,915; Sept. 20.
Carburetor for internal combustion engines. E. T. Bunt. 2,130,337; Sept. 20.
Carrier: *See*—
  Bicycle luggage carrier.
Carton, Severable egg. A. E. Bueschel. 2,130,377; Sept. 20.
Carton structure. A. E. Bueschel. 2,130,378; Sept. 20.
Cartoons, Making motion picture. M. Fleischer. 2,130,541; Sept. 20.
Cellulosic fiber, Treating. J. G. Evans and S. A. Slater. 2,130,460; Sept. 20.
Cement clinker quenching process, Portland. H. E. Kaiser. 2,130,625; Sept. 20.
Cement, Manufacturing Portland. H. E. Kaiser. 2,130,624; Sept. 20.
Cement clinkers, Quenching Portland. H. E. Kaiser. 2,130,626; Sept. 20.
Chain cradle. T. Marriott. 2,130,986; Sept. 20.
Chair: *See*—
  Surgical chair.
Chair drive, Wheel. D. Henderson. 2,130,426; Sept. 20.
Chemicals direct to boilers, Apparatus for feeding water conditioning. E. W. Butzler. 2,130,417; Sept. 20.
Cigarette package. J. E. Shouse. 2,130,475; Sept. 20.
Cigarette package and making the same. L. M. Larsen. 2,130,984; Sept. 20.
Cigarette with lighter attachment. S. Weisman. 2,130,450; Sept. 20.

Cigarettes, Tipping of. J. Shackleton. 2,130,700; Sept. 20.
Cigars and the like, Packaging. H. A. Burns. 2,130,729; Sept. 20.
Circuit: *See*—
Electric control and indicating circuit.
Circuit breaker. H. L. Lambert. 2,130,350; Sept. 20.
Circuit breaker, Automatic. J. Sachs. 2,130,368; Sept. 20.
Circuit breaker, Automatic. P. M. Christensen. 2,130,369; Sept. 20.
Circuit breaker system, Automatic reclosing. L. W. Dyer and G. D. Gamel. 2,130,840; Sept. 20.
Circuits, Electric valve. K. H. Kingdon. 2,130,429; Sept. 20.
Circuits, Electric valve. C. H. Willis, B. D. Bedford, and F. R. Elder. 2,130,440; Sept. 20.
Circuits, Gain control. I. G. Wilson. 2,130,517; Sept. 20.
Circuit interrupter. J. Sandin. 2,130,904; Sept. 20.
Circuit interrupter, Electric. F. Petermichl. 2,131,000; Sept. 20.
Circuits, Radio. L. L. Jones and J. Yolles. 2,130,824; Sept. 20.
Cleaner: *See*—
Filter bed cleaner. Vacuum cleaner.
Suction cleaner.
Clip: *See*—
Pencil and pen clip.
Clock, Rotating dial numeral. E. Bourquin. 2,130,873; Sept. 20.
Closet for boats, Water. E. Hoerichs. 2,130,954; Sept. 20.
Closing device for vessels containing matter under pressure especially fire extinguishers. J. M. F. Bouillon. 2,130,763; Sept. 20.
Closure for canisters, boxes, cans, jars, and the like containers. T. W. Phillips. 2,130,651; Sept. 20.
Closure for containers, Dispensing. W. R. Stevens. 2,130,975; Sept. 20.
Clutch: *See*—
Suction operated clutch.
Clutch control. V. W. Kliesrath. 2,130,848; Sept. 20.
Clutch mechanism. E. M. Florcyk. 2,130,486; Sept. 20.
Clutch mechanism. J. J. McCabe. 2,130,757; Sept. 20.
Clutch mechanism for motor cars. O. Seidenberg. 2,130,907; Sept. 20.
Coating compound. A. W. Johnson and G. H. Young. 2,130,924; Sept. 20.
Coil, High frequency iron core. H. C. Riepka. 2,130,815; Sept. 20.
Collapsible rod. W. Dubilier. 2,130,993; Sept. 20.
Collar bar. H. Cohn. 2,130,459; Sept. 20.
Comb, Finger wave. J. D. Donahoo. 2,130,638; Sept. 20.
Combination lock. J. Heinzle. 2,130,798; Sept. 20.
Communication of intelligence, System for the. W. A. Tolson. 2,130,913; Sept. 20.
Compressor cooling control. B. S. Aikman. 2,130,608; Sept. 20.
Condensation products of an alkali metal salt of toluenesulphonamide with formaldehyde. H. Hahn and K. Memminger. 2,130,342; Sept. 20.
Condenser: *See*—
Electrical condenser. Relief condenser.
Connecter: *See*—
Wire connecter.
Connection for mowing machines, Drive. L. E. Golinick. 2,130,795; Sept. 20.
Container: *See*—
Box container.
Container. J. E. Annen and A. L. Sherwood. 2,130,576; Sept. 20.
Container. R. P. Bemiss. 2,130,445; Sept. 20.
Container. M. C. Meyer. 2,130,773; Sept. 20.
Container for packaging frozen confections for distribution and serving. F. T. Krein and T. H. Alfreds. 2,130,588; Sept. 20.
Container gluing machine. S. Bergstein. 2,130,786; Sept. 20.
Containers, Forming moistureproof and greaseproof. D. G. Magill. 2,130,355; Sept. 20.
Control apparatus, Centrifugal. R. A. Steps. 2,130,864; Sept. 20.
Control device. W. K. Rankin. 2,130,901; Sept. 20.
Control device and system, Protective. E. W. Boehne. 2,130,870; Sept. 20.
Control system. H. A. Rose. 2,130,902; Sept. 20.
Control system, Selective. R. E. McClure. 2,130,808; Sept. 20.
Conveyer-elevator. H. W. Hapman. 2,130,492; Sept. 20.
Cooking utensil. E. S. Cisco. 2,130,678; Sept. 20.
Cooling apparatus. E. C. Tanner. 2,130,515; Sept. 20.
Cooling means for motors, Field-coil. C. F. Hill, M. F. Jones, and C. A. Atwell. 2,130,843; Sept. 20.
Copper alloy. F. R. Hensel and E. I. Larsen. 2,130,737–8; Sept. 20.
Copper-zirconium-manganese alloy. F. R. Hensel and E. I. Larsen. 2,130,996; Sept. 20.
Counting mechanism. E. G. Staude. 2,130,604; Sept. 20.
Coupling: *See*—
Ball and socket trailer coupling. Hydraulic coupling.
Crane construction. T. A. Foley. 2,130,487; Sept. 20.
Crusher. K. Meister. 2,130,673; Sept. 20.
Cup, Paper drinking. L. V. Lucia. 2,131,003; Sept. 20.
Curler, Hair. J. Jacobs. 2,130,685; Sept. 20.
Cutter: *See*—
Pipe cutter. Tubing cutter.
Cutting device. F. F. Ruau. 2,130,473; Sept. 20.
Damper control unit. E. O. Young. 2,130,476; Sept. 20.
Damper, Fireplace. F. Le Baron. 2,130,851; Sept. 20.
Delinting device. G. N. Link. 2,130,806; Sept. 20.
Delivery mechanism for printing presses. W. K. Eckhard. 2,130,841; Sept. 20.
Demonstrating device. R. P. Ross. 2,130,967; Sept. 20.
Derivatives of paraffin wax, Manufacture of. D. W. F. Hardie and C. Ockrent. 2,130,952; Sept. 20.
Derrick finger. W. A. Goff. 2,130,423; Sept. 20.
Designs, Impressing bronze. P. L. Graupner. 2,130,425; Sept. 20.
Desk for automatic writing boards. E. J. Gerety. 2,130,490; Sept. 20.
Detergent and method of preparation. F. W. Muncie. 2,130,362; Sept. 20.
Detergent composition, Mothproofing. H. Stötter and T. Hermann. 2,130,435; Sept. 20.
Deterging. F. W. Muncie. 2,130,361; Sept. 20.
Device for holding hats. G. F. Jonitz. 2,130,956; Sept. 20.
Device for purifying the breathing air in a vapor bath for therapeutical use. Z. Fujita. 2,130,718; Sept. 20.
Dial tuning device. E. G. Bradshaw. 2,130,836; Sept. 20.
Diamine-dicarboxylic acid salts and preparing same. W. H. Carothers. 2,130,947; Sept. 20.
Die. W. J. Sullivan. 2,130,514; Sept. 20.
Direction finder. W. A. Tolson. 2,130,912; Sept. 20.
Discharging receptacle. G. Laplerre. 2,130,466; Sept. 20.
Dispensing device. S. Belveal. 2,130,941; Sept. 20.
Display device. C. H. Barber. 2,130,334; Sept. 20.
Display device. C. J. Davis. 2,130,616; Sept. 20.
Display rack. C. C. McGaugh. 2,130,672; Sept. 20.
Display sign. J. E. Bielski. 2,130,917; Sept. 20.
Door actuating mechanism. J. R. Kyle. 2,130,959; Sept. 20.
Door lock, Electric. S. Papp. 2,130,559; Sept. 20.
Door operating and locking mechanism, Car. J. J. McBride. 2,130,772; Sept. 20.
Door pull and hand assist for an automobile, Flexible. G. J. Basel. 2,130,410; Sept. 20.
Double-walled box. R. E. Smith. 2,130,602; Sept. 20.
Dough molding machine. O. Kremmling. 2,130,887; Sept. 20.
Dowel bar and expansion joint strip holder. J. W. Heltzel. 2,130,953; Sept. 20.
Draft control system. L. L. Gilliland. 2,130,491; Sept. 20.
Drier: *See*—
Bean and clover seed drier.
Drill bit, Rotary oil well. C. R. Foster. 2,130,639; Sept. 20.
Drill: *See*—
Rock drill.
Drill point locater. C. E. Adams. 2,130,575; Sept. 20.
Drive for conveyer systems, Equalizing. J. B. Webb. 2,130,433; Sept. 20.
Drive for recording and reproducing devices. A. Rysick. 2,130,931; Sept. 20.
Drive for warp knitting machines, Pattern wheel. E. H. Wirth. 2,130,979; Sept. 20.
Drum, Rotary. W. Reintrock. 2,130,744; Sept. 20.
Duplicating apparatus. W. Ritzerfeld. 2,130,600; Sept. 20.
Duplicating machine. A. Marchev and H. Jagger. 2,130,962; Sept. 20.
Dyeing. A. J. Buchanan. 2,130,415–16; Sept. 20.
Dynamometer, Heavy-duty. C. C. Bennett. 2,130,833; Sept. 20.
Dynamometer or/and testing apparatus for motor vehicles. O. F. Presbrey. 2,130,900; Sept. 20.
Egg handling device. H. E. Hines and C. T. Stolpestad. 2,130,623; Sept. 20.
Egg separator. W. J. Minkiewitz. 2,130,964; Sept. 20.
Electric control and indicating system. C. H. Willis. 2,130,443; Sept. 20.
Electric control and indicating circuits. B. D. Bedford. 2,130,411–12; Sept. 20.
Electrical communication system, Two-way. C. L. Calkins. 2,130,730; Sept. 20.
Electrical condenser. W. M. Bailey. 2,130,532; Sept. 20.
Electrical interlock for drive shafts. H. Wolters. 2,130,866; Sept. 20.
Electrode arrangement. J. von Issendorff. 2,130,845; Sept. 20.
Electrode for diathermy treatment. E. J. Rose. 2,130,759; Sept. 20.
Electrode for diathermy treatment and the like. E. J. Rose. 2,130,758; Sept. 20.
Electrode terminal. H. L. Kresge. 2,130,768; Sept. 20.
Electron discharge device. R. U. Clark. 2,130,380; Sept. 20.
Electron discharge device. A. L. Samuel. 2,130,510; Sept. 20.
Emulsion and producing same. U. B. Bray. 2,130,535; Sept. 20.

Enameled article. J. T. Penton. 2,130,631; Sept. 20.
Engine: *See*—
Internal combustion engine
Esters, Electrolytic production of. P. V. Öhman. 2,130,813; Sept. 20.
Esters of hydrogenated abietyl alcohol and method of producing. I. W. Humphrey. 2,130,740; Sept. 20.
Ethers, Diphenyl hydroxy alkyl. G. H. Coleman and J. W. Zemba. 2,130,526; Sept. 20.
Ethers of ethylene glycol, Chloro-aryl. G. H. Coleman and G. B. Stratton. 2,130,990; Sept. 20.
Ethers of hydrogenated hydroxy diphenyl compounds, Hydroxy alkyl. G. H. Coleman and J. W. Zemba. 2,130,525; Sept. 20.
Ethers of hydroxy-diphenyl compounds, Hydroxy-alkyl. G. H. Coleman and J. Zemba. 2,130,527; Sept. 20.
Ethers, Preparation of cellulose. E. J. Lorand. 2,130,998; Sept. 20.
Ethers, Reduction of cyclic. W. A. Lazier. 2,130,501; Sept. 20.
Exhibiting and advertising device. H. W. Taylor. 2,130,437; Sept. 20.
Explosive and manufacture thereof. R. W. Cairns. 2,130,712; Sept. 20.
Extractor: *See*—
Juice extractor.
Eye block for shuttles. C. P. Park. 2,130,695; Sept. 20.
Eyeglass. R. E. Mackahan and M. W. Hard. 2,130,692; Sept. 20.
Eye treatments. C. H. Schwaner. 2,130,474; Sept. 20.
Fabric: *See*—
Knitted fabric.
Facing material, Applying. A. H. Parsons. 2,130,743; Sept. 20.
Fan. W. L. Kisling. 2,130,802; Sept. 20.
Fan. M. A. Smith, Jr. 2,130,910; Sept. 20.
Fan assembly, Combined circulating and ventilating. M. P. Youker. 2,130,660; Sept. 20.
Fastener: *See*—
Sash fastener. Snap fastener.
Fastener. W. I. Jones. 2,130,548; Sept. 20.
Fasteners, Making separable interlocking. H. E. Sipe. 2,130,932; Sept. 20.
Feed, Chokeless drag. W. H. Spindler. 2,130,973; Sept. 20.
Feed mechanism for metal spray. G. W. Preston. 2,130,698; Sept. 20.
Feeder and feeding molten glass. F. L. O. Wadsworth. 2,130,702; Sept. 20.
Fiber from flax straw or the like, Process and apparatus for deriving. R. Forsyth. 2,130,681; Sept. 20.
Fiber, Synthetic. W. H. Carothers. 2,130,948; Sept. 20.
Fibrous surfaces, Coating of. J. Fletcher. 2,130,530; Sept. 20.
Fibrous tapelike body and making same. K. H. Bowen. 2,130,944; Sept. 20.
Film, Pleating. J. H. Brown. 2,130,838; Sept. 20.
Films, Arrangement for copying lenticular. A. Dervieux. 2,130,537; Sept. 20.
Films, sheets, and similar materials, Production of effects in. B. E. M. Miller. 2,130,360; Sept. 20.
Filter: *See*—
Respirator filter.
Filter bed cleaner. P. B. Streander. 2,131,002; Sept. 20.
Filter element and making the same. H. D. Austin. 2,131,004; Sept. 20.
Finding device for index cards, notes, or the like arranged in or on conveying devices. O. A. Becker. 2,130,376; Sept. 20.
Finish, Wall. O. V. McGrew. 2,130,357; Sept. 20.
Firearm, Automatic. G. End. 2,130,383; Sept. 20.
Fishing leader, Automatic. H. G. Grelle. 2,130,543; Sept. 20.
Fishing reel. F. M. Case. 2,130,581; Sept. 20.
Fishing reel. H. F. Maynes. 2,130,670–1; Sept. 20.
5-nitro-phthalide, Hydrogenating. P. R. Austin. 2,130,480; Sept. 20.
Flap on aircraft, Landing. M. Kramer. 2,130,958; Sept. 20.
Flasks with thickened neck parts, Production of light-metal. H. Reinartz. 2,130,699; Sept. 20.
Floor construction. C. E. Hovey. 2,130,546; Sept. 20.
Fluid pressure brake. E. E. Hewitt. 2,130,619–20; Sept. 20.
Fork attachment, Hay. H. G. Rorabaugh. 2,130,472; Sept. 20.
Form for lining earth borings and handling mechanism therefor. J. G. Stupp. 2,130,819; Sept. 20.
Freight, System and apparatus for handling. H. A. Soulis. 2,130,747; Sept. 20.
Friction elements. C. Bockius and J. A. Cook. 2,130,520; Sept. 20.
Fruit peeling machine. J. H. Chattin and J. G. Clements. 2,130,980; Sept. 20.
Fuel burning apparatus, Liquid. M. A. Powers. 2,130,471; Sept. 20.
Fuel, Production of motor. H. V. Atwell. 2,130,662; Sept. 20.
Fuel supply device for internal combustion engines. I. E. Coffey. 2,130,666; Sept. 20.
Funnel, particularly such as is used in conjunction with milk filters. K. Cordts. 2,130,876; Sept. 20.
Furrow damming implement. R. H. Smith. 2,130,970; Sept. 20.
Fuse, Centrifugal. H. Junghans. 2,130,720; Sept. 20.
Game, Circle ball. A. H. Trumbull. 2,130,820; Sept. 20.
Garment cleaning system. J. C. Shaw. 2,130,817; Sept. 20.
Garment, Infant's sleeping. B. C. Mann. 2,130,771; Sept. 20.
Garment pressing machine. H. G. Beede. 2,130,481; Sept. 20.
Garment, Traffic officer's. C. A. Wheeler. 2,130,439; Sept. 20.
Gas valve. J. H. Grayson. 2,130,796; Sept. 20.
Gauge attachment for sewing machines. W. Rakov. 2,130,446; Sept. 20.
Glazing unit, Framed. G. W. Batchell. 2,130,831; Sept. 20.
Glycols, Production of. N. M. Mnookin. 2,130,891; Sept. 20.
Golf club. A. E. Lard. 2,130,395; Sept. 20.
Goods, Manufacture of warp. P. Schönfeld. 2,130,655; Sept. 20.
Governor, Compressor. B. S. Aikman. 2,130,607; Sept. 20.
Gravimeter, Torsion. L. M. Mott-Smith. 2,130,648; Sept. 20.
Grinding machine. J. C. Wilson. 2,130,823; Sept. 20.
Grinding mill. W. Köhler. 2,130,983; Sept. 20.
Guard for flush tanks, Water. F. M. Heath. 2,130,719; Sept. 20.
Guard for fruit boxes, Edge. J. H. Woodall. 2,130,867; Sept. 20.
Hair tensor. J. E. Edwards and W. H. Noble. 2,130,538; Sept. 20.
Handbag. G. Lindemann. 2,130,502; Sept. 20.
Hardware, Venetian blind. A. F. Waltzinger. 2,130,403; Sept. 20.
Harmonica holder. H. Sherman. 2,130,707; Sept. 20.
Harvesting device. H. D. Stone. 2,130,976; Sept. 20.
Heat exchange apparatus, Fluid. I. L. Langvand. 2,130,351; Sept. 20.
Heat exchanger. G. H. Cain. 2,130,455; Sept. 20.
Heat treatment of metals. J. E. Malam. 2,130,756; Sept. 20.
Heater and ventilator for vehicles. F. W. Kateley and E. G. Mathauer. 2,130,686; Sept. 20.
Heating appliance. H. M. Nobis. 2,130,927; Sept. 20.
Heating element, Electric. M. M. J. E. Coupier. 2,130,715; Sept. 20.
Helicopter. J. B. De Stefano. 2,130,918; Sept. 20.
Hinge, Door. L. B. Baker. 2,130,063; Sept. 20.
Hitch, Implement. M. I. Sanderson. 2,130,860; Sept. 20.
Holder: *See*—
Dowel bar and expansion joint strip holder. Skate blade holder.
Harmonica holder. Tie and collar holder.
Holder for merchandise, Display card. W. Christian. 2,130,732; Sept. 20.
Holder for telephones, Memorandum-pad. R. A. Faye. 2,130,920; Sept. 20.
Honing machine. A. M. Johnson. 2,130,393; Sept. 20.
Hydraulic coupling. A. Ness. 2,130,895; Sept. 20.
Igniter for internal combustion engines. G. M. Paulson. 2,130,365; Sept. 20.
Ignition system for internal combustion engines. L. H. Scott. 2,131,018; Sept. 20.
Illuminating device for microscopes. H. Heine. 2,130,493; Sept. 20.
Illuminating means for indicating instruments. G. V. Rylsky and S. Cerstvik. 2,130,367; Sept. 20.
Images, Production of composite. L. Plankskoy. 2,130,777; Sept. 20.
Indicator: *See*—
Automatic indicator.
Indicia, Apparatus for displaying informational. R. P. Ross. 2,130,966; Sept. 20.
Inductance device. E. Peterson. 2,130,508; Sept. 20.
Ink fountain, Printing press portable. H. Wedemeyer. 2,130,659; Sept. 20.
Insole blank and making insoles therefrom. A. C. Sewall. 2,130,968; Sept. 20.
Insulation testing equipment, Portable. T. R. Watts and J. H. Frakes. 2,130,865; Sept. 20.
Intelligence, Transmission and reception of. S. G. Frantz and B. S. McCutchen. 2,130,421; Sept. 20.
Internal combustion engine. A. A. Filicky. 2,130,529; Sept. 20.
Internal combustion engine, Two-stroke. M. Kadenacy. 2,130,721; Sept. 20.
Iso-olefine polymers and producing the same, High molecular weight. M. Otto and M. Mueller-Cunradi. 2,130,507; Sept. 20.
Jack or trestle, Folding scaffold. O. Engman. 2,130,456; Sept. 20.
Joint: *See*—
Pipe joint. Road expansion joint.
Joint between solid bodies, Making a vacuum-tight. G. Dobke. 2,130,879; Sept. 20.
Joint for adjacent solid sections, Load-distributing expansion. R. W. Clemmons. 2,130,992; Sept. 20.
Juice catcher for food grinders. R. N. Niedhammer. 2,130,397; Sept. 20.
Juice extractor. J. R. Gednetz. 2,130,755; Sept. 20.
Juice extractor, Citrus fruit. W. O. Brown. 2,130,610; Sept. 20.
Kerf cutting machine. W. W. Sloane. 2,130,601; Sept. 20.
Key container J. J. Nasser. 2,130,469; Sept. 20.
Knife and seed extractor, Citrus fruit. C. W. Collens. 2,130,949; Sept. 20.

Knife head. F. H. Hammond. 2,130,391; Sept. 20.
Knitted fabric. V. Lombardi. 2,130,770; Sept. 20.
Knitting machine. V. Lombardi. 2,130,769; Sept. 20.
Knitting machine, Straight-bar. H. W. and E. Start. 2,130,708; Sept. 20.
Knob, Spigot. J. E. Newman. 2,130,694; Sept. 20.
Lactic fluids, Apparatus for treating. B. W. Hammer, H. C. Horneman, and M. E. Parker. 2,130,643; Sept. 20.
Lactic fluids, Apparatus for treating. B. W. Hammer, H. C. Horneman, S. N. Quam, F. F. Lockwood, H. F. Beery, and M. E. Parker. 2,130,644; Sept. 20.
Lamp. H. R. Robinson and A. J. C. Knudstrup. 2,130,447; Sept. 20.
Latch: *See*—
Automatic brake latch.
Latching mechanism. W. T. Parker. 2,130,856; Sept. 20.
Lathe, Multiple spindle automatic. C. E. Miller. 2,130,809; Sept. 20.
Layers containing bleaching-out dyes. B. Wendt. 2,130,572; Sept. 20.
Lens. A. Warmisham. 2,130,760; Sept. 20.
Lens system. L. J. R. Holst, W. Mayer, and H. R. Menefee. 2,130,347; Sept. 20.
Leucoindigo. A. Davidson and C. H. Lumsden. 2,130,878; Sept. 20.
Level, Spirit. L. Milner. 2,130,647; Sept. 20.
Lifting mechanism, Automatic. N. B. Madsen. 2,130,354; Sept. 20.
Lighting fixture. A. Lazerson. 2,130,803; Sept. 20.
Line indicator and attachment to a notebook. B. E. Van Alstyne. 2,130,750; Sept. 20.
Linen folding machine. G. B. Combarette. 2,130,733; Sept. 20.
Lining for a boot or shoe and making a boot or shoe, Vamp. B. B. Enos. 2,130,794; Sept. 20.
Lipstick. S. Freeman. 2,130,345; Sept. 20.
Liquids, Apparatus for pasteurizing and deodorizing. H. C. Horneman. 2,130,645; Sept. 20.
Liquids, Purification of. C. Q. M. Campbell. 2,130,789;
Lister. W. H. Silver. 2,130,512; Sept. 20.
Loading apparatus for vehicles. C. K. Edwards. 2,130,951; Sept. 20.
Lock: *See*—
Combination lock. Door lock.
Lock or latch mechanism. M. O. Goldsmith. 2,130,736; Sept. 20.
Locomotive, Railway. J. P. Shamberger and F. L. Alben. 2,130,908; Sept. 20.
Longload signal. J. E. MacKay. 2,130,467; Sept. 20.
Loom with stationary weft supplies. C. Clutsom. 2,130,636; Sept. 20.
Lubricant. J. F. T. Berliner. 2,130,664; Sept. 20.
Lubricant, Anhydrous. M. T. Flaxman. 2,130,540; Sept. 20.
Lubricator: *See*—
Pump lubricator.
Machine for applying reinforcing fabric to inner soles. J. A. Scott. 2,130,816; Sept. 20.
Machine for blading turbine elements. A. R. Allard. 2,130,478; Sept. 20.
Machine for preparing tires for retreading. J. L. Kelly. 2,130,627; Sept. 20.
Machine tools, Metal cutting and like. C. G. Garrard. 2,130,341; Sept. 20.
Magazine for machine gun pistols. H. J. Kobe. 2,130,722; Sept. 20.
Magnetic control device. E. W. Boehne. 2,130,872; Sept. 20.
Magnetic testing device. E. Froböse. 2,130,882; Sept. 20.
Manifolding device. M. W. Shoemaker. 2,130,909; Sept. 20.
Material, Apparatus for treating. B. M. Carter. 2,130,731; Sept. 20.
Material cutting and dicing machine. W. E. Urschel. 2,130,937; Sept. 20.
Materials, Apparatus for separating. H. S. Gerken. 2,130,346; Sept. 20.
Measuring instrument, Electrical. O. Ackermann. 2,130,829; Sept. 20.
Measuring instrument, Electrical. F. X. Lamb. 2,130,960; Sept. 20.
Measuring instrument, Electrical. L. J. Lunas. 2,130,852; Sept. 20.
Measuring instrument, Electrical. F. S. Stickney and D. A. Young. 2,130,863; Sept. 20.
Metals, Production of light. R. E. Hulse. 2,130,801; Sept. 20.
Meter: *See*—
Power meter.
Meter for steam boilers. W. H. Hoyt. 2,130,463; Sept. 20.
Microphone. W. A. Bruno. 2,130,946; Sept. 20.
Mill: *See*—
Grinding mill.
Mirror construction, Exploring. H. Gluck. 2,130,388; Sept. 20.
Mirror unit, Cabinet. H. H. Miller. 2,130,556; Sept. 20.
Mixer: *See*—
Paint mixer.
Modulation. I. E. Mouromtseff and H. N. Kozanowski. 2,130,893; Sept. 20.
Mold for centrifugal casting. R. Ardelt. 2,130,726; Sept. 20.
Motor. T. O. Liles. 2,130,691; Sept. 20.
Motor and locking means therefor, Fluid pressure. A. Gnavi. 2,130,618; Sept. 20.
Motor-compressor unit for refrigeration. A. A. Kucher, 2,130,349; Sept. 20.
Motor-compressor unit for a refrigerating machine. C. Steenstrup. 2,130,862; Sept. 20.
Motor control, Emergency stop-and-reverse. J. H. Belknap. 2,130,832; Sept. 20.
Motor control system. L. G. Riley. 2,130,858; Sept. 20.
Motor for mounting for exhaust fans and the like. H. C. Hueglin. 2,130,497; Sept. 20.
Motor mechanism and control switch therefor, Combined. R. D. Conklin. 2,130,764; Sept. 20.
Motors, Starting of thyratron. A. H. Mittag. 2,130,890; Sept. 20.
Mounting means for shading coils. F. J. Russell. 2,130,653; Sept. 20.
Mudguard support. E. F. Pawsat. 2,130,696; Sept. 20.
Muffler. F. E. Prochnow. 2,130,001; Sept. 20.
Muffler for suction cleaners. H. E. Hoover. 2,130,495; Sept. 20.
Muffler and ventilator system. J. S. Fluor, Jr., and P. W. Ash. 2,130,385–6; Sept. 20.
Nail, Furring. M. S. Graves. 2,130,390; Sept. 20.
Nitrosyl chloride and chlorine, Treating mixtures of. H. A. Beekhuis, Jr. 2,130,519; Sept. 20.
Nonslip, Adjustable. E. D. Snyder. 2,130,971; Sept. 20.
Novelty. V. Havel. 2,130,343; Sept. 20.
Nozzle disks, Forming spray. T. W. Murphy. 2,130,854; Sept. 20.
Nozzle, Fire hose. K. Rosenbauer. 2,130,745; Sept. 20.
Nut, Lock. A. Stoll. 2,130,827; Sept. 20.
Nut threading device. L. J. Knettle. 2,130,348; Sept. 20.
Oil dispensing apparatus, Canned. W. S. Townsend. 2,130,371; Sept. 20.
Oils, Conversion of hydrocarbon. C. H. Angell. 2,130,407–8; Sept. 20.
Oils, Conversion of hydrocarbon. E. F. Nelson. 2,130,363; Sept. 20.
Oils, Conversion of hydrocarbon. K. Swartwood. 2,130,436; Sept. 20.
Oils for subsequent cracking, Treating a plurality of heavy hydrocarbon. E. A. Ocon. 2,130,596; Sept. 20.
Oils, Treatment of hydrocarbon. J. K. Roberts. 2,130,988; Sept. 20.
Operating mechanism for searchlights, Arc head. W. H. Jacobi and I. A. Yost. 2,130,846; Sept. 20.
Ores, Flotation of carbonaceous. C. H. Breerwood. 2,130,574; Sept. 20.
Ores, Treatment of. R. S. Dean. 2,131,006; Sept. 20.
Oscillations, Arrangement for modulating high frequency. H. E. von Collas. 2,130,381; Sept. 20.
Outlet box. M. J. Conners. 2,130,839; Sept. 20.
Oven, Draw. C. B. Ferree. 2,130,420; Sept. 20.
Overmodulation in receivers, System for preventing. G. Anders. 2,130,404; Sept. 20.
Package. I. W. Berkman. 2,130,728; Sept. 20.
Package, Merchandising. E. A. Janke. 2,130,646; Sept. 20.
Package treating machine. F. E. Bickford. 2,130,761; Sept. 20.
Packages, Wrapping window. L. Ferenci. 2,130,680; Sept. 20.
Paddle wheel. M. J. Byrne. 2,130,522; Sept. 20.
Paint mixer. F. M. Giddings. 2,130,542; Sept. 20.
Paper and the like, Method of and machine for drying or conditioning webs of D. B. Bradner. 2,130,665; Sept. 20.
Parachute apparatus. F. Smith. 2,130,567–9; Sept. 20.
Parachute harness. L. L. Irvin. 2,130,547; Sept. 20.
Parachute harness. H. G. Rogers. 2,130,564; Sept. 20.
Paste-applying device for cigarette machines. J. W. Leary. 2,130,689; Sept. 20.
Pen, Fountain. C. Fiore. 2,131,016; Sept. 20.
Pen, Fountain. E. F. L. Michael. 2,130,774; Sept. 20.
Pen, Fountain. W. G. Nichol. 2,130,926; Sept. 20.
Pen, Fountain. J. White. 2,130,978; Sept. 20.
Pencil and pen clip. C. E. Marshall. 2,130,853; Sept. 20.
Pencil, Mechanical. E. O. Rubel. 2,130,778; Sept. 20.
Pencil pointer. H. W. Spooner. 2,130,370; Sept. 20.
Phenyl mercuric nitrate, Making. J. H. Hibben. 2,131,008; Sept. 20.
Phosphatovanadate and recovery of the same. F. C. Bowman. 2,130,579; Sept. 20.
Photographic shutter. Á. Barényi. 2,130,784; Sept. 20.
Physical culture machine. W. S. Hawley. 2,130,922; Sept. 20.
Picture advertising machine, Motion. J. Katz. 2,130,428; Sept. 20.
Pigment suspension and preparing the same. W. W. Plechner and J. M. Parmus. 2,130,560; Sept. 20.
Pigment suspensions and preparing same. P. Lusseyran. 2,130,554; Sept. 20.
Pipe: *See*—
Porous pipe.
Pipe cutter, Inside. J. Buckles. 2,130,580; Sept. 20.
Pipe joint, Well. J. J. Kane. 2,130,587; Sept. 20.
Pipe making machine, Concrete. J. N. Kristich and N. B. Piriach. 2,130,551; Sept. 20.

Piston land construction. F. Jardine. 2,130,923; Sept. 20.
Plant stalks, Method of and apparatus for threshing and decorticating. G. A. Lowry. 2,130,352; Sept. 20.
Plastic composition. E. C. Sherrard, E. Beglinger, J. P. Hohr, and E. Bateman. 2,130,783; Sept. 20.
Plow, Reversible. B. F. Deaver. 2,130,950; Sept. 20.
Plug: *See*—
Attachment plug.
Plug removing tool. R. K. Hopkins. 2,130,496; Sept. 20.
Poker set. H. S. Borden. 2,130,762; Sept. 20.
Polisher for rolling mills, Roll. S. Williams. 2,130,709; Sept. 20.
Polyamides and their production, Linear. W. H. Carothers. 2,130,523; Sept. 20.
Porous pipe. K. Kiemschofski and P. Vrane. 2,130,498; Sept. 20.
Portable sign. E. C. Brownell. 2,130,945; Sept. 20.
Potential source compensation. E. L. Harder. 2,130,842; Sept. 20.
Powder composition, Manufacture of non-caking. L. Block and M. Metziger. 2,130,869; Sept. 20.
Power control for pneumatic conveyer systems. H. Busch. 2,130,458; Sept. 20.
Power direction indicating means, Three-phase. R. Widerøe. 2,130,573; Sept. 20.
Power meter. M. W. Manchester. 2,130,591; Sept. 20.
Power supply system. O. Wohlfarth and G. de Niem. 2,130,441; Sept. 20.
Power transmission. G. T. Pollard. 2,130,632; Sept. 20.
Press: *See*—
Sole press.
Press for forming wax patterns, Dental. F. C. Miller. 2,130,593; Sept. 20.
Pressure, Apparatus for measuring fluid. J. Okill. 2,130,649; Sept. 20.
Printer, Multiple transforming. L. T. Eliel. 2,130,793; Sept. 20.
Printing composition. P. L. Magill and C. Dangelmajer. 2,130,807; Sept. 20.
Printing plate, Producing a. E. E. Eckardt. 2,130,735; Sept. 20.
Products from hydrocarbon gases, Producing valuable. W. K. Lewis. 2,130,669; Sept. 20.
Projection apparatus. V. V. Pratt. 2,130,561; Sept. 20.
Protective system. H. Neugebauer. 2,130,896; Sept. 20.
Pulp, Apparatus for chlorinating. C. K. Textor. 2,130,402; Sept. 20.
Pump: *See*—
Well pump.
Pump. A. Brunner. 2,130,521; Sept. 20.
Pump for internal combustion engines, Fuel-injecting. H. Dunkelmann. 2,130,339; Sept. 20.
Pump gear for windmills. W. Utrecht. 2,130,780; Sept. 20.
Pump lubricator. L. P. Fosnot. 2,130,583; Sept. 20.
Pumping apparatus. D. T. Williams. 2,130,516; Sept. 20.
Puttee. R. A. Le Fevre. 2,130,804; Sept. 20.
Rack: *See*—
Display rack.
Radio receiver, Diversity. C. B. H. Feldman and F. A. Polkinghorn. 2,130,485; Sept. 20.
Rake. G. O. Sundqvist. 2,130,828; Sept. 20.
Rayon cakes, Method and apparatus for treating. E. C. Dunham. 2,130,791; Sept. 20.
Receptacle: *See*—
Discharging receptacle.
Receptacle for ice refrigerators, Drip. D. F. Rose. 2,130,930; Sept. 20.
Reclining seat. V. Willoughby. 2,130,781–2; Sept. 20.
Recording device for telephone sets. F. Bonn. 2,130,336; Sept. 20.
Rectifier. F. Fischer. 2,130,384; Sept. 20.
Reel: *See*—
Fishing reel.
Refrigerating apparatus. H. J. Dick and R. E. Fleming. 2,130,790; Sept. 20.
Refrigerating apparatus. C. F. Henney. 2,130,994–5; Sept. 20.
Refrigerating machine. H. H. Bixler. 2,130,835; Sept. 20.
Refrigeration. G. Maiuri. 2,130,503; Sept. 20.
Refrigerator. H. A. Dockham. 2,130,617; Sept. 20.
Regulating device for refrigerating apparatus. J. Kirgan. 2,130,549; Sept. 20.
Relay. C. S. Knowlton and H. M. Spicer. 2,130,499; Sept. 20.
Relief condenser. H. Heine. 2,130,494; Sept. 20.
Remote control system. J. F. Peters. 2,130,899; Sept. 20.
Resins, Hydrogenated. H. S. Holt. 2,130,800; Sept. 20.
Resonance, Apparatus for preventing. R. Rüdenberg. 2,130,903; Sept. 20.
Respirator filter. R. Malcolm. 2,130,555; Sept. 20.
Ring: *See*—
Sealing ring.
Road expansion joint. R. R. Robertson. 2,130,859; Sept. 20.
Road marking device. G. S. Marshall. 2,130,356; Sept. 20.
Rock drill. E. G. Gartin. 2,130,982; Sept. 20.
Rods or poles, Device for holding a fishing. D. H. Peterson. 2,130,650; Sept. 20.
Roller for tube-winding machines, Forming. A. C. Huston. 2,130,586; Sept. 20.
Roof structure. J. S. Edison. 2,130,419; Sept. 20.
Rotameter. A. K. Fischer and G. B. Petsche. 2,130,981; Sept. 20.
Rotary machine. J. D. Spalding. 2,130,401; Sept. 20.
Rotary switch, Swing action. W. H. Lantz, Jr. 2,130,589; Sept. 20.
Rubber, Apparatus for treating the surface of sheet. F. Honig. 2,130,739; Sept. 20.
Rubber article, Reinforced. J. L. Bitter. 2,130,413; Sept. 20.
Rubber products, Producing hard. H. J. Schelhammer. 2,130,905; Sept. 20.
Saddle construction. S. E. Worcester. 2,130,442; Sept. 20.
Saliva ejector. R. C. Angell. 2,130,406; Sept. 20.
Samples on cards and the like, Apparatus for mounting. A. Oser. 2,130,776; Sept. 20.
Sash fastener, Window. P. J. Kelly. 2,130,465; Sept. 20.
Scrapers, Attachment for tailboard. G. S. Spreyer. 2,130,974; Sept. 20.
Screen and making same, Sound permeable picture projection. K. Patzwaldt. 2,130,704; Sept. 20.
Seal, Car. B. Borland. 2,130,787; Sept. 20.
Seal, Ignitron. D. E. Marshall. 2,130,888; Sept. 20.
Sealing ring. D. W. Thomas. 2,130,701; Sept. 20.
Seaming head. N. P. Bach. 2,130,518; Sept. 20.
Seat: *See*—
Reclining seat.
Seat control mechanism, Reclining. J. M. Knight. 2,130,767; Sept. 20.
Seat mechanism, Walk-over. J. M. Knight and J. Schlenther. 2,130,766; Sept. 20.
Seat support. P. H. Westerlund. 2,130,438; Sept. 20.
Selecting and indicating device. V. E. Pratt. 2,130,562; Sept. 20.
Self-adjusting hydraulic brake. H. D. Colman. 2,130,875; Sept. 20.
Separator: *See*—
Egg separator.
Sewing machine. O. Regen. 2,130,509; Sept. 20.
Sewing machine attachment. E. C. Shoup and S. A. Hollcraft. 2,130,969; Sept. 20.
Sewing machine, Button. M. McCann. 2,131,012; Sept. 20.
Sewing machine cabinet, Electric. R. Kaier. 2,131,010; Sept. 20.
Sewing machines, Fabric guide for. H. Hacklander. 2,131,007; Sept. 20.
Sewing machines, Feed mechanism for. H. J. Le Vesconte. 2,131,011; Sept. 20.
Sewing machines, Tension device for. D. H. Chason. 2,131,005; Sept. 20.
Sewing machines, Trimming mechanism for. H. J. Gallant and E. A. Gauthier. 2,130,340; Sept. 20.
Shearing. A. W. Soderberg. 2,130,818; Sept. 20.
Shears. D. C. Feather. 2,130,539; Sept. 20.
Sheet-feeding mechanism for printing and analogous machines. E. A. Timson and C. H. Dickinson. 2,130,977; Sept. 20.
Sheet material, Ornamental compound. B. E. M. Miller. 2,130,359; Sept. 20.
Shelf support. R. O. Chaffee. 2,130,536; Sept. 20.
Shields, Manufacture of dress. M. E. Hansen. 2,130,921; Sept. 20.
Shock absorber adjusting mechanism, Automatic. R. S. Sanford. 2,131,014; Sept. 20.
Short-circuiting device for electric motors. S. D. Hartog. 2,130,883; Sept. 20.
Shovel and like tool. W. A. Ready. 2,130,563; Sept. 20.
Shut-off valve, Gravity feed automatic. E. L. Barker. 2,130,335; Sept. 20.
Sifter, Gyratory. E. G. Berry. 2,130,834; Sept. 20.
Sign: *See*—
Display sign. Portable sign.
Sign and sign character, Illuminated. E. Wagner. 2,130,752; Sept. 20.
Signal: *See*—
Longload signal. Traffic signal.
Signaling, Railway. G. R. Pfiasterer. 2,130,470; Sept. 20.
Signaling system. W. H. Martin. 2,130,468; Sept. 20.
Sink. A. A. Boisvert. 2,130,943; Sept. 20.
Siren. O. I. H. Ekman. 2,130,716; Sept. 20.
Skate. W. J. Grubb. 2,130,641; Sept. 20.
Skate blade holder. W. J. Grubb. 2,130,642; Sept. 20.
Slag pocket construction. I. C. Johnston. 2,130,925; Sept. 20.
Smoking stand. W. Hoffmann. 2,130,844; Sept. 20.
Snap fastener. J. M. Oldham. 2,130,597; Sept. 20.
Snubber, Freight car truck. A. H. Oelkers and F. E. Bachman. 2,130,674; Sept. 20.
Socket, Sheet metal screw. A. B. Rypinski. 2,130,399; Sept. 20.
Soldering machine, Electric. P. J. Greulach. 2,130,544; Sept. 20.
Sole press. E. J. Le Gault. 2,130,500; Sept. 20.
Sole roughing machine. E. J. Le Gault. 2,130,553; Sept. 20.
Speed control device, Adjustable. S. F. Baker. 2,130,578; Sept. 20.
Speed responsive apparatus. H. L. Bone. 2,130,452–3; Sept. 20.

Spillway, Constant flow. J. S. Thompson. 2,130,936; Sept. 20.
Spout for cans, Pouring. H. Sebell. 2,130,861; Sept. 20.
Spray device and nozzle therefor. W. B. Kerrick. 2,130,628; Sept. 20.
Spray head. E. G. Munz. 2,130,810; Sept. 20.
Spraying device. W. Clayton. 2,130,629; Sept. 20.
Stabilizing equipment for vehicles, particularly ships. Y. A. Rocard. 2,130,929; Sept. 20.
Stand: *See*—
Smoking stand.
Stapling and ring forming machine. E. J. and V. R. Smith. 2,130,779; Sept. 20.
Stapling machine. W. Drypolcher. 2,130,734; Sept. 20.
Steel, Forgeable high speed. E. B. Welch. 2,130,822; Sept. 20.
Step, Pilot. B. H. Brenner. 2,130,837; Sept. 20.
Sterilizing agent. A. A. Levine. 2,130,805; Sept. 20.
Strands and cables on poles, Shifting. M. H. L. Jacobsen. 2,130,464; Sept. 20.
Straw fibers and other elongated members, Method of and apparatus for paralleling. G. A. Lowry. 2,130,353; Sept. 20.
Stretcher and splicer, Wire. W. J. Alexander. 2,130,477; Sept. 20.
Strip wrapping machine, Tear. J. A. Neumair. 2,130,775; Sept. 20.
Strut, Shock. C. V. Johnson. 2,130,885; Sept. 20.
Strut, Shock. K. W. Warren. 2,130,914; Sept. 20.
Stuffing box. J. B. McClain. 2,130,741; Sept. 20.
Suction cleaner. S. R. Cummings. 2,130,484; Sept. 20.
Suction cleaner. D. G. Smellie. 2,130,513; Sept. 20.
Suction operated clutch. R. J. Curry. 2,130,877; Sept. 20.
Support: *See*—
Mudguard support. Shelf support.
Seat support. Tool support.
Surgical chair. J. C. Cornell. 2,130,754; Sept. 20.
Switch: *See*—
Rotary switch. Time switch.
Switch construction. A. B. Rypinski. 2,130,398; Sept. 20.
Switch for vehicles, Automatic safety. E. D. Lawson. 2,130,500; Sept. 20.
Switch operating apparatus, Railway. E. M. Allen and E. G. Little. 2,130,444; Sept. 20.
Switching device, Electrical. H. M. Salmond. 2,130,706; Sept. 20.
Tanning matter. E. Koch, K. Dachlauer, and C. Thomsen. 2,130,550; Sept. 20.
Teeth, Attachment for artificial. J. Taguchi. 2,130,656; Sept. 20.
Telephone system. L. J. Bowne. 2,130,482; Sept. 20.
Temperature control device. N. Miller. 2,130,889; Sept. 20.
Temperature regulation, Automatic. R. C. Muir. 2,130,894; Sept. 20.
Template follower. J. L. Anderson. 2,130,373–4; Sept. 20.
Tension compensator. R. S. Begg. 2,130,916; Sept. 20.
Tensioning device for transmission chains and the like. J. Weller. 2,130,571; Sept. 20.
Tent, Collapsible. G. Erickson and T. Berglund. 2,130,919; Sept. 20.
Terminal, Cord. A. S. Howell. 2,130,585; Sept. 20.
Textile machinery. N. Redman. 2,130,599; Sept. 20.
Thyroxin, Preparing. C. L. Lautenschläger, W. Ludwig, and P. von Mutzenbecher. 2,130,985; Sept. 20.
Tie and collar holder. W. J. Grubb. 2,130,640; Sept. 20.
Time delay apparatus. R. A. Andrews. 2,130,405; Sept. 20.
Time switch. E. A. Meyer. 2,130,725; Sept. 20.
Timed tripping device. J. W. Ogden. 2,130,897; Sept. 20.
Tipper construction for cigarette machines. G. S. Hastings and C. Arelt. 2,130,683; Sept. 20.
Tire. H. S. Mooradian. 2,130,594; Sept. 20.
Tire, Nonskid. E. Clark. 2,130,524; Sept. 20.
Tire patch. H. M. Watson. 2,130,658; Sept. 20.
Titanium-bearing materials, Treating. C. L. Schmidt. 2,130,565; Sept. 20.
Tobacco feed, Scrap. J. F. Halstead. 2,130,765; Sept. 20.
Tobacco stemming and threshing machine. J. P. Durning. 2,130,880; Sept. 20.
Tool: *See*—
Plug receiving tool. Shovel and like tool.
Tool. Forming a cutting. A. E. Hintermeyer. 2,130,684; Sept. 20.
Tool support. R. C. Porter. 2,130,965; Sept. 20.
Tools, Manufacture of metal cutting. J. W. Alexander. 2,130,710; Sept. 20.
Tooth brush. O. C. Zaebst. 2,130,661; Sept. 20.
Towel, Paper. S. F. Atkins. 2,130,375; Sept. 20.
Toy. F. M. Hoover. 2,130,427; Sept. 20.
Toy game apparatus, Figure. J. Murray. 2,130,558; Sept. 20.
Traction attachment. F. Signori. 2,130,448; Sept. 20.
Traffic controlling apparatus, Railway. H. A. Thompson. 2,130,449; Sept. 20.
Traffic signal. R. C. Hitchcock. 2,131,009; Sept. 20.
Transformer, Air-cored high-frequency. R. Schmook. 2,130,432; Sept. 20.
Transit, Engineer. R. C. Quesada. 2,130,814; Sept. 20.
Transmission. W. F. Oliver. 2,130,855; Sept. 20.
Transmitting apparatus in teleprinters. R. D. Salmon and F. R. Thomas. 2,130,400; Sept. 20.
Transport system, Air flow ventilating, heating, cooling, humidifying, gassing control. F. A. Maginnis. 2,130,430; Sept. 20.
Tripping device. J. W. Ogden. 2,130,898; Sept. 20.
Tripping system, High speed. E. W. Boehne. 2,130,871; Sept. 20.
Truck. C. J. Du Pont and J. W. Ferris. 2,130,418; Sept. 20.
Truck, Lift. A. E. Williams. 2,130,939; Sept. 20.
Truss. W. A. Pease. 2,130,697; Sept. 20.
Tubes, Method and apparatus for forming. H C. Aument. 2,130,727; Sept. 20.
Tubing cutter. W. O. Thewes. 2,130,934; Sept. 20.
Turboforque transformer. H. Föttinger. 2,130,717; Sept. 20.
Two-piece ketchup cap. E. Scofield. 2,130,746; Sept. 20.
Typewriter eraser. E. A. Mercereau. 2,130,963; Sept. 20.
Undergarment, Combination. J. Scherfer. 2,130,906; Sept. 20.
Upholstery. R. R. Thompson. 2,130,935; Sept. 20.
Vacuum cleaner. D. M. Dow, D. L. Boyd, and F. H. Burmeister. 2,130,635; Sept. 20.
Vacuum sealing can. F. L. Darling. 2,130,637; Sept. 20.
Valve: *See*—
Automatic valve. Shut-off valve.
Gas valve.
Valve. S. E. Allen. 2,130,333; Sept. 20.
Valve. H. J. M. Burdick. 2,130,611; Sept. 20.
Valve. W. B. Collins and W. W. Boggs. 2,130,614; Sept. 20.
Valve. R. Hoffman. 2,130,955; Sept. 20.
Valve body, Gate. R. M. Robeson. 2,130,652; Sept. 20.
Valve device. C. P. Kersgieter. 2,130,847; Sept. 20.
Valve having conducting gaseous paths, Ionic. U. Lamm. 2,130,688; Sept. 20.
Valve seats, Resurfacing. E. O'Malley. 2,130,506; Sept. 20.
Vaporization, Method of and apparatus for. F. R. Kemmer. 2,130,886; Sept. 20.
Variable load brake. J. W. Rush. 2,130,633; Sept. 20.
Vehicle: *See*—
Walking vehicle.
Vehicle. R. S. Sanford and M. W. McConkey. 2,131,015; Sept. 20.
Vehicle body stabilizer. J. J. Eckles. 2,130,792; Sept. 20.
Vehicle wheel. H. J. Horn. 2,130,392; Sept. 20.
Ventilator. M. Nelson. 2,130,811; Sept. 20.
Ventilator, Ship's. V. J. Spelman. 2,130,603; Sept. 20.
Vinyl derivatives, Preparation of. G. E. Zelger. 2,130,451; Sept. 20.
Voting machine. W. B. Campbell. 2,130,338; Sept. 20.
Waist band construction, Trousers. D. A. Blumberg. 2,130,942; Sept. 20.
Walking vehicle. F. Turnbull. 2,130,677; Sept. 20.
Wallet. F. Brunskill. 2,130,454; Sept. 20.
Water lifting apparatus. H. Witt. 2,130,940; Sept. 20.
Waving, Permanent. E. F. Suter. 2,130,748; Sept. 20.
Weighing apparatus. W. H. Venable. 2,130,821; Sept. 20.
Welder. E. A. Hobart. 2,130,584; Sept. 20.
Welding machine, Electric. H. G. Watkin. 2,130,657; Sept. 20.
Well pump, Deep. A. J. and K. T. Penick. 2,130,598; Sept. 20.
Welt hold-down for sole attaching machines. C. H. Pepin. 2,130,366; Sept. 20.
Wetting, cleansing, and emulsifying agent. F. Günther. 2,130,668; Sept. 20.
Wheel: *See*—
Buffing wheel. Vehicle wheel.
Paddle wheel.
Wheel. F. C. Frank. 2,130,881; Sept. 20.
Wheel roller bearing unit, Locomotive driving. A. H. Oelkers. 2,131,013; Sept. 20.
Wheel truing device, Grinding. H. H. Asbridge. 2,130,711; Sept. 20.
Wheels, Springing of. K. Rabe. 2,130,431; Sept. 20.
Whip, Producing. E. P. Sadler. 2,130,654; Sept. 20.
Wiper, Windshield. C. E. Kingsley. 2,130,957; Sept. 20.
Wire connecter. M. D. Bergan. 2,130,825; Sept. 20.
Wood, Apparatus for treating. E. L. Fickett, W. O. Forman, and C. H. McKay. 2,130,457; Sept. 20.
Wood for making carbons, Comminuting. R. W. Schmidt. 2,130,566; Sept. 20.
Wool or hair, Fulling or felting. A. Volz. 2,130,570; Sept. 20.
Zinc sulphide, Precipitating. L. C. Copeland and J. R. Stone. 2,130,382; Sept. 20.
Zinc sulphide with hydrogen sulphide recovery, Preparation of. A. J. Myhren and S. I. Hammond. 2,130,742; Sept. 20.

CLASSIFICATION OF PATENTS

ISSUED SEPTEMBER 20, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

1— 49: 2,130,734
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171: 2,130,381
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180— 8: 2,130,677
181— 42: 2,130,495
59: 2,131,001
183— 52: 2,130,513
71: 2,130,555
2,130,906
184— 39: 2,130,583
105: 2,130,634
188— 2: 2,131,014
46: 2,130,667
72: 2,130,785
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79.5: 2,130,857
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104: 2,130,903
106: 2,130,938
142: 2,130,874
165: 2,130,615
217: 2,130,916
230: 2,130,595
189— 23: 2,130,993
34: 2,130,631
35: 2,130,546
37: 2,130,797
192— .01: 2,130,848
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2,130,892
2,130,907
3: 2,130,522
26: 2,130,486
48: 2,130,757
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150: 2,130,764
196— 10: 2,130,662
47: 2,130,596
48: 2,130,363
2,130,988
49: 2,130,407
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2,130,436
197— 133: 2,130,909
181: 2,130,963
198— 170: 2,130,492
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200— 37: 2,130,808
39: 2,130,725
52: 2,130,500
2,130,706
56: 2,130,589
67: 2,130,398
80: 2,130,350
83: 2,130,607

200— 97: 2,130,499
2,130,901
109: 2,130,856
114: 2,130,368
2,130,369
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149: 2,130,999
2,131,000
151: 2,130,589
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204— 9: 2,130,813
21: 2,130,801
25: 2,130,789
206— 8: 2,130,773
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47: 2,130,728
56: 2,130,345
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210— 22: 2,130,417
28: 2,130,805
67: 2,130,864
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203: 2,131,004
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33: 2,130,956
60: 2,130,423
93: 2,130,334
165: 2,130,672
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214— 67: 2,130,951
215— 40: 2,130,746
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46: 2,130,511
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216— 2: 2,130,776
217— 3: 2,130,867

217— 56: 2,130,616
219— 4: 2,130,657
220— 44: 2,130,637
46: 2,130,651
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221— 23: 2,130,676
27: 2,130,861
62: 2,130,466
64: 2,130,975
112: 2,130,941
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224— 39: 2,130,928
226— 37: 2,130,876
68: 2,130,761
127: 2,130,687
227— 49: 2,130,724
229— 1.5: 2,131,003
4.5: 2,130,588
14: 2,130,576
23: 2,130,488
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29: 2,130,377
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34: 2,130,602
44: 2,130,475
230— 6: 2,130,608
58: 2,130,862
120: 2,130,910
139: 2,130,349
232: 2,130,835
259: 2,130,802
234— 33.5: 2,130,336
235— 50: 2,130,338
82: 2,130,364
137: 2,130,723
236— 15: Re 20,864
237— 1: 2,130,927

237— 12.1: 2,130,386
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238→ 293: 2,130,972
240— 2.18: 2,130,388
78: 2,130,803
81: 2,130,447
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150: 2,131,005
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244— 1: 2,130,504
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42: 2,130,958
44: 2,130,582
104: 2,130,914
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2,130,569
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2,130,564
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246— 41: 2,130,449
50: 2,130,470
258: 2,130,444
247— 19: 2,130,839
248— 22: 2,130,497
42: 2,130,650
127: 2,130,986
239: 2,130,536
250— 11: 2,130,389
2,130,675
2,130,912
2,130,913
20: 2,130,404
2,130,485
27: 2,130,441
27.5: 2,130,380
2,130,510

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2,130,888
33: 2,130,387
251— 27: 2,130,614
29: 2,130,955
46: 2,130,796
130: 2,130,847
155: 2,130,652
252— 3: 2,130,566
254— 10: 2,130,939
131: 2,130,464
255— 23: 2,130,401
76: 2,130,639
257— 3: 2,130,606
211: 2,130,455
259— 107: 2,130,542
260— 9: 2,130,783
28: 2,130,924
72: 2,130,342
73: 2,130,451
78: 2,130,523
80: 2,130,800
94: 2,130,507
100: 2,130,740
103: 2,130,997
124: 2,130,550
231: 2,130,998
290: 2,130,668
323: 2,130,878
344: 2,130,480
345: 2,130,501
400: 2,130,361
2,130,362
433: 2,131,008
501: 2,130,947
514: 2,130,989
519: 2,130,985
534: 2,130,505

260— 594: 2,130,592
613: 2,130,525
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636: 2,130,891
641: 2,130,669
652: 2,130,952
261— 51: 2,130,884
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90: 2,130,337
93: 2,130,402
262— 28: 2,130,601
263— 45: 2,130,925
53: 2,130,624
2,130,625
2,130,626
265— 1.4: 2,130,648
2: 2,130,751
24: 2,130,833
2,130,900
59: 2,130,821
266— 5: 2,130,420
267— 9: 2,130,674
17: 2,130,792
57: 2,130,431
64: 2,130,885
268— 3: 2,130,410
35: 2,130,959
44: 2,130,772
271— 11: Re 20,862
53: 2,130,977
68: 2,130,841
273— 1.5: 2,130,820
80: 2,130,395
105.2: 2,130,558
148: 2,130,762
280—11.12: 2,130,641

280—11.12: 2,130,642
11.35: 2,130,693
33.15: 2,130,705
116: 2,130,418
152.1: 2,130,696
244: 2,130,426
285— 115: 2,130,587
286— 39: 2,130,741
292— 144: 2,130,559
228: 2,130,465
229: 2,130,736
315: 2,130,787
294— 59: 2,130,472
299— 107: 2,130,628
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141: 2,130,810
301— 9: 2,130,392
39: 2,130,448
65: 2,130,881
303— 3: 2,130,621
6: 2,130,619
13: 2,130,612
22: 2,130,633
40: 2,130,620
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2,130,714
84: 2,130,799
304— 5: 2,130,456
306— 21: 2,130,563
308— 171: 2,130,826
214: 2,130,379
237: 2,130,462
309— 10: 2,130,923
311— 16: 2,131,010
312— 173: 2,130,371
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U. S. GOVERNMENT PRINTING OFFICE: 1938

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

A and Z Chain Company, Providence, R. I. Wrist-watch bracelets, clasps, and buckles. Serial No. 409,250; Sept. 27. Class 28.

Alpha Products Company, Denver, Colo. Medicinal preparation. Serial No. 389,223; Sept. 27. Class 6.

American Brake Shoe and Foundry Company, The, New York, N. Y. Gridirons for outdoor use. Serial No. 407,352; Sept. 27. Class 34.

American Cast Iron Pipe Company, Birmingham, Ala. Cast iron pipe. Serial No. 407,456; Sept. 27, Class 13.

American Products Co., The. (See Armstrong, William F.)

Anemostat Corporation of America, New York, N. Y. Ventilators, air diffusers, and air aspirators. Serial Nos. 408,445–6; Sept. 27. Class 34.

Anne Underwear Co. Inc., New York, N. Y. Ladies' pajamas. Serial No. 408,412; Sept. 27. Class 39.

Archer's Hair Grower, doing business as H. G. Laboratory, Borger, Tex. Hair grower. Serial No. 380,493; Sept. 27. Class 6.

Armstrong, William F., doing business as The American Products Co., Shawnee, Kans. Preparation for treatment of coccidiosis, enteritis, mycosis, etc. Serial No. 408,526; Sept. 27. Class 6.

Artility Metal Products Inc., Elkhart, Ind. Chairs. Serial No. 404,560; Sept. 27. Class 32.

Associated American Artists, Inc., New York, N. Y. Pictures, prints, paintings, etchings, and drawings. Serial No. 408,744; Sept. 27. Class 38.

Avery Farm Machinery Company, Peoria, Ill. Tractors. Serial No. 403,238; Sept. 27. Class 23.

Bagatelle. (See Sinagnan, Frances, et Cie. Inc.)

Baker, Ethelbert L., Los Angeles, Calif. Commercial safety paper. Serial No. 405,379; Sept. 27. Class 37.

Bane, Fred, Pulaski, Va. Cigarettes. Serial No. 408,871; Sept. 27. Class 17.

Banner Paint & Varnish Corp., Brooklyn, N. Y. Ready-mixed paints and varnishes. Serial No. 407,354; Sept. 27. Class 16.

Barker Bros., Corporation, Los Angeles, Calif. Drapery and curtain fabrics in the piece, made-up curtains, draperies and hangings, etc. Serial No. 409,339; Sept. 27. Class 42.

Barnes, Frederick J. T., London, England. Beverages and syrups and extracts for making same. Serial No. 406,437; Sept. 27. Class 45.

Beacon Manufacturing Company, Swannanoa, N. C. Blankets of cotton. Serial No. 409,381; Sept. 27. Class 42.

Bear, G. C., doing business as G. C. Bear and Co., Detroit, Mich. Pure food preparation. Serial No. 407,297; Sept. 27. Class 46.

Beck, Karl, Treuchtlingen, Germany. Moth repelling and destroying preparations. Serial No. 408,089; Sept. 27. Class 6.

Beir, Arthur, & Co., Inc., New York, N. Y. All-rayon piece goods. Serial No. 409,555; Sept. 27. Class 42.

Bell Company, Inc., The, doing business as Flare Laboratories, Chicago, Ill. Cement, tape, and tire tread cut filler. Serial No. 408,087; Sept. 27. Class 5.

Berkshire Knitting Mills, Wyomissing, Pa. Hosiery. Serial No. 408,687; Sept. 27. Class 39.

Best Undergarment Company, St. Louis, Mo. Wearing apparel. Serial No. 408,594; Sept. 27. Class 39.

Binney & Smith Co., New York, N. Y. Chemical compounds used in softening rubber, etc. Serial No. 409,677; Sept. 27. Class 6.

Bireley's, Inc., doing business as Pam-Pam, Hollywood, assignor to D. H. Peery, Hollywood, Los Angeles, Calif. Fruit juice beverages, and syrups, extracts, and concentrates for same. Serial No. 387,978; Sept. 27. Class 45.

Borden Company, The, New York, N. Y. Milk sugar. Serial No. 408,152; Sept. 27. Class 6.

Bouchard Aîné & Fils, Beaune, France. Wine. Serial No. 407,520; Sept. 27. Class 47.

Bouchard Aîné & Fils, Beaune, France. Wine. Serial No. 407,521; Sept. 27. Class 47.

Bouchard Aîné & Fils, Beaune, France. Wine. Serial No. 407,528; Sept. 27. Class 47.

Bowman, Abram S., doing business as A. Smith Bowman Distillery, Sunset Hills, Va. Whiskey. Serial No. 407,582; Sept. 27. Class 49.

Bowyer, Ambrose, Chicago, Ill. Magazine section. Serial No. 408,041; Sept. 27. Class 38.

Brauer-Gressman Company, Kansas City, Mo. Sport shirts, sport coats, sport jackets, etc., for men and boys. Serial No. 408,153; Sept. 27. Class 39.

British American Brewing Company Limited, Windsor, Ontario, Canada. Ales, beers, lagers, etc. Serial No. 395,810; Sept. 27. Class 48.

Buchan, Lucille, doing business as The Nawa Company, Washington, D. C. Shampooing liquid. Serial No. 406,417; Sept. 27. Class 6.

Bullock's, Inc., Los Angeles, Calif. Women's, misses', and girls' wearing apparel. Serial No. 408,231; Sept. 27. Class 39.

Calvert Distilling Co., The, Baltimore, Md. Gin. Serial No. 409,557; Sept. 27. Class 49.

Cape May County Leader Company, Inc., Wildwood-by-the-Sea, N. J. Newspaper. Serial No. 406,861; Sept. 27. Class 38.

Caravel Products Company, New York, N. Y. Deodorants and disinfectants. Serial No. 409,080; Sept. 27. Class 6.

Cardais Cloak Co., St. Louis, Mo. Ladies' coats. Serial No. 408,987; Sept. 27. Class 39.

Carson Pirie Scott & Company, Chicago, Ill. Men's shorts. Serial No. 406,371; Sept. 27. Class 39.

Carter, H. W., & Sons, Lebanon, N. H. Sports wear, utility outerwear, and pants. Serial No. 407,459; Sept. 27. Class 39.

Celanese Corporation of America, New York, N. Y. Hosiery. Serial No. 409,081; Sept. 27. Class 39.

Centerbar Company, Natick, Mass. Game adapted to be played with movable pieces. Serial No. 408,941; Sept. 27. Class 22.

Central Knitwear Mills, Inc., New York, N. Y. Sweaters and sweater ensemble. Serial No. 408,913; Sept. 27. Class 39.

Chemische Fabrik R. Baumheier, Aktiengesellschaft, Oschatz-Zschollau, Germany, now by change of name Chemische Fabrik R. Baumheier Kommanditgesellschaft. Surface-protecting paints and ingredients. Serial No. 387,031; Sept. 27. Class 16.

Chilton Company, Philadelphia, Pa. Publication. Serial No. 406,177; Sept. 27. Class 38.

Columbus Iron Works Company, doing business as Columbus Iron Works Company, Southern Plow Company Department, Columbus, Ga. Fertilizer distributors. Serial No. 408,991; Sept. 27. Class 23.

Cosmic-Ray Enterprises. (See Parfet, Ray T.)

Cummins Distilleries Corporation, Louisville and Athertonville, Ky. Whiskies. Serial No. 409,192; Sept. 27. Class 49.

Desert Citrus Products Corporation, Tempe, Ariz. Canned citrus juices. Serial No. 407,089; Sept. 27. Class 46.

Distillers Distributing Corporation, Minneapolis, Minn. Whiskey. Serial Nos. 409,604–5; Sept. 27. Class 49.

Dolge, C. B., Company, The, Westport, Conn. Preparation for cleaning and clearing stopped-up drain and sewer pipes. Serial No. 409,088; Sept. 27. Class 6.

Dow Chemical Company, The, Midland, Mich. Polymerized styrene. Serial Nos. 401,692–3; Sept. 27. Class 1.

Economy Printers Products Company, Chicago, Ill. Letter heads, envelopes, and wrapping paper. Serial No. 407,800; Sept. 27. Class 37.

Eichmann & Hecht, New York, N. Y. Textile fabrics. Serial No. 408,012; Sept. 27. Class 42.

Elray Sales, St. Louis, Mo. Beverages and extracts for making same. Serial No. 406,799; Sept. 27. Class 45.

Embossing Company, The, Albany, N. Y. Table game of chance. Serial Nos. 407,727–8; Sept. 27. Class 22.

Emerol Manufacturing Co., Inc., New York, N. Y. Solvent for gums and sludge. Serial No. 408,835; Sept. 27. Class 6.

Emporium World Millinery Co., Chicago, Ill. Sponge rubber cleaner for clothing. Serial No. 408,377; Sept. 27. Class 4.

Equipment Digest Publishing Company, Cleveland, Ohio. Periodical publication. Serial No. 408,013; Sept. 27. Class 38.

Evans, Sidney J., doing business as Evans Manufacturing Company, Cleveland, Ohio. Moth exterminating and deodorizing material. Serial No. 407,628; Sept. 27. Class 6.

Fairbury Windmill Company, Fairbury, Nebr. Windmills and pump jacks. Serial No. 408,093; Sept. 27. Class 23.

Fibreboard Products Inc., San Francisco, Calif. Fibreboard cartons. Serial No. 406,803; Sept. 27. Class 2.

Fisher, Glenn, Bowling Green, Ky. Permanent wave pads. Serial No. 407,863; Sept. 27. Class 44.

Fisherman's Tuna Packing Company, San Diego, Calif. Canned fish. Serial Nos. 408,459–60; Sept. 27. Class 46.

Flare Laboratories. (See Bell Company, Inc., The.)

Forstmann Woolen Co., Passaic, N. J. Woolen piece goods. Serial Nos. 409,425–6; Sept. 27. Class 42.

Forstmann Woolen Co., Passaic, N. J. Woolen piece goods. Serial Nos. 409,515–16; Sept. 27. Class 42.

Fowler, Le Ray, New York, N. Y. Men's and boys' wearing apparel. Serial No. 408,021; Sept. 27. Class 39.

Frankly Silk Corp., New York, N. Y. Textile fabric. Serial No. 409,266; Sept. 27. Class 42.

Fruit of the Loom, Inc., Providence, R. I. Sheets, pillowcases, and cotton piece goods. Serial No. 409,396; Sept. 27. Class 42.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Garrard Engineering & Manufacturing Co., Ltd., Swindon, England. Electric motors, motor driven units for gramophones, record changers in gramophones, for electrically operable automatic record changers, and gramophone pick-ups. Serial No. 400,098; Sept. 27. Class 21.

Geffelator Corporation, New York, N. Y. Gummed paper mending tape. Serial No. 404,604; Sept. 27. Class 37.

General Chemical Company, New York, N. Y. Fungicides. Serial No. 408,638; Sept. 27. Class 6.

General Fireproofing Co., The, Youngstown, Ohio. Visible index filing equipment. Serial No. 409,517; Sept. 27. Class 32.

General Mills, Inc., Minneapolis, Minn. Newspaper articles. Serial Nos. 405,637–8; Sept. 27. Class 38.

General Motors Corporation, Detroit, Mich. Fog lamps for motor vehicles. Serial No. 409,123; Sept. 27. Class 21.

Gibson Art Company, The, Cincinnati, Ohio. Display cabinets and trays. Serial No. 395,035; Sept. 27. Class 32.

Gibson Art Company, The, Cincinnati, Ohio. Greeting cards. Serial No. 395,036; Sept. 27. Class 37.

Goldsmith Bros., New York, N. Y. Cigars. Serial No. 409,033; Sept. 27. Class 17.

Grant, W. T., Company, New York, N. Y. Pre-wax cleaner and cleaner and polish for tile, etc. Serial No. 405,159; Sept. 27. Class 4.

H. C. Laboratory. (See Archer's Hair Grower.)

Harlem-Adler & Co., Inc., New York, N. Y. Dress ornaments, buttons, clips, zipper-pulls, belt fronts, button and slide sets. Serial No. 408,313; Sept. 27. Class 40.

Harton, J. E., doing business as J. E. Harton Co., San Francisco, Calif. Twine dispensers. Serial No. 408,709; Sept. 27. Class 2.

Henegar Bros., doing business as Tennessee Valley Dairies, Pulaski, Tenn. Butter. Serial No. 408,641; Sept. 27. Class 46.

Herald Knitwear Company, Inc., New York, N. Y. Knitted sweaters, suits, and skirts for ladies. Serial No. 404,045; Sept. 27. Class 39.

Hercules Powder Company, Wilmington, Del. Dried whey, dried skim milk, dried buttermilk used for livestock and poultry. Serial No. 408,642; Sept. 27. Class 46.

Hercules Powder Company, Wilmington, Del. Dried whey, skim milk, buttermilk used as feed for livestock and poultry. Serial No. 408,644; Sept. 27. Class 46.

Holophane Company, Inc., New York, N. Y. Globes and reflectors. Serial No. 395,528; Sept. 27. Class 34.

Hockswender, Bernard H., doing business as B. H. Hockswender and Associates, Pittsburgh, Pa. Savings banks. Serial No. 409,997; Sept. 27. Class 2.

Humphryes Manufacturing Co., The, Mansfield, Ohio. Apron recess and corner bath tubs and seat bath tubs. Serial No. 409,096; Sept. 27. Class 13.

I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Synthetic rubber and rubber-like materials. Serial No. 409,037; Sept. 27. Class 1.

Imperial Brass Manufacturing Company, The, Chicago, Ill. Couplings for metallic tubes. Serial No. 403,770; Sept. 27. Class 13.

International Shoe Co., St. Louis, Mo. Boots and shoes. Serial No. 408,952; Sept. 27. Class 39.

Interwoven Stocking Company, New Brunswick, N. J. Hosiery. Serial No. 407,732; Sept. 27. Class 39.

James, Otis D., assignor to United States Chemical Co. Inc., Oklahoma City, Okla. Cream for restoring and treating leather bookbindings. Serial No. 407,269; Sept. 27. Class 4.

Kalart Company, The, New York, N. Y. Photographic cameras and camera attachments. Serial No. 404,540; Sept. 27. Class 26.

Karavidas, Dionysios, doing business as New Gold Bottling Company, Baltimore, Md. Maltless beverages. Serial No. 408,940; Sept. 27. Class 45.

Kaufmann Department Stores, Inc., Pittsburgh, Pa. Piece goods. Serial No. 408,062; Sept. 27. Class 42.

Keller-Kohn Co., The, Cleveland, Ohio. Ladies' and misses' coats and suits. Serial No. 408,844; Sept. 27. Class 39.

Keyser, Merriel D., Edgewood, Md. Artificial fishing lures and hooks. Serial No. 409,199; Sept. 27. Class 22.

Keystone Lubricating Company, Philadelphia, Pa. Telltale or indicating lubrication fittings. Serial No. 408,953; Sept. 27. Class 23.

Kimball, Willis G. C., doing business as The Kimball Arms Company, Woburn, Mass. Shotguns. Serial No. 405,728; Sept. 27. Class 9.

King Features Syndicate, Inc., New York, N. Y. Cartoon and comic strip. Serial No. 408,542; Sept. 27. Class 38.

Korn, Fred, Chicago, Ill. Beverages and sirups and extracts for making same, and for mineral waters. Serial No. 409,428; Sept. 27. Class 45.

Krom Laboratories, Inc., Kingston, N. Y. Liquid floor wax, liquid linoleum wax, quick drying liquid furniture polish. Serial No. 409,474; Sept. 27. Class 16.

Landsman, Katz & Monk, New York, N. Y. Children's dresses. Serial No. 408,847; Sept. 27. Class 39.

Lethelin Products Company, Inc., Wood Ridge, N. J. Insecticide. Serial No. 408,958; Sept. 27. Class 6.

Levy, M. S., & Sons, Inc., Baltimore, Md. Men's hats. Serial No. 409,099; Sept. 27. Class 39.

Lewenthal Goldenberg Co., Inc., New Rochelle, N. Y. Corsets, corselets, girdles, etc. Serial No. 407,649; Sept. 27. Class 39.

Lilly, Eli, and Company, Indianapolis, Ind. Medicinal preparation for prevention of hay fever. Serial No. 408,722; Sept. 27. Class 6.

Liquocold Corporation, Los Angeles, Calif. Liquid cold preparation. Serial No. 407,379; Sept. 27. Class 6.

Loom-Tex Corporation, New York, N. Y. Ladies' underwear. Serial No. 408,805; Sept. 27. Class 39.

Lowe, Joe, Corporation, New York, N. Y. Frozen confections. Serial No. 409,132; Sept. 27. Class 46.

Ludlow Manufacturing & Sales Co., Boston, Mass. Twine. Serial No. 409,690; Sept. 27. Class 7.

MacClatchie Manufacturing Company of California, Compton, Calif. Valves for pumps. Serial No. 399,416; Sept. 27. Class 23.

Magee Carpet Company, The, Bloomsburg, Pa. Carpets and rugs. Serial No. 408,320; Sept. 27. Class 42.

Margulis & Company, Philadelphia, Pa. Brandy. Serial No. 407,381; Sept. 27. Class 49.

Márx & Kushner, New York, N. Y. Perfumes. Serial No. 409,407; Sept. 27. Class 6.

Mathieson Alkali Works (Inc.), The, New York, N. Y. Sodium chlorite. Serial No. 408,806; Sept. 27. Class 6.

McLaurin Hosiery Mills, Asheboro, N. C. Men's hosiery. Serial No. 408,724; Sept. 27. Class 39.

McNaney, Edward T., Baltimore, Md. Fresh oysters. Serial No. 408,928; Sept. 27. Class 46.

Merrill Company, The, San Francisco, Calif. Cyanide precipitation apparatus. Serial No. 407,678; Sept. 27. Class 31.

Modern Made Sportswear, Inc., Los Angeles, Calif. Ladies', men's and children's garments. Serial No. 408,248; Sept. 27. Class 39.

Monarch Mills, Incorporated, Cleveland, Ohio. Yarn. Serial No. 408,929; Sept. 27. Class 43.

Morrell, John, & Co., Ottumwa, Iowa. Eczema salve, worm tablets, germicides, etc. Serial No. 409,483; Sept. 27. Class 6.

Mound City Brewing Co., New Athens, Ill. Beer. Serial No. 402,784; Sept. 27. Class 48.

Murray Kaufman, Inc., New York, N. Y. Coats and jackets for women. Serial No. 407,596; Sept. 27. Class 39.

Nachreiner, Arthur R., Rochester, Minn., doing business as Nachreiner Boot Shop. Boots and shoes. Serial No. 408,072; Sept. 27. Class 39.

National Aniline & Chemical Company, Inc., New York, N. Y. Wetting out, softening, and emulsifying agents and dye assistants. Serial No. 408,758; Sept. 27. Class 6.

National Association of Food Chains, Inc., Washington, D. C. Potatoes. Serial No. 408,544; Sept. 27. Class 46.

National Fabrics Corporation, New York, N. Y. Textile fabrics. Serial No. 399,006; Sept. 27. Class 42.

National Laboratories. (See Van Nest, Lisle C.)

National Silk Hosiery Mills, Inc., Indianapolis, Ind. Hosiery. Serial No. 409,052; Sept. 27. Class 39.

Nawa Company, The. (See Buchan, Lucille.)

New Gold Bottling Company. (See Karavidas, Dionysios.)

Nier, Hermann, Beierfeld, Germany. Storm lanterns and constituent parts and accessories. Serial No. 404,950; Sept. 27. Class 34.

Nolde and Horst Company, The, Reading, Pa. Hosiery. Serial No. 408,284; Sept. 27. Class 39.

North American Fibre Products Company, The, Cleveland, Ohio. Liquid compound for rust, scale, etc. Serial No. 404,011; Sept. 27. Class 6.

Northwest Lead Company, Seattle, Wash. Lead products. Serial No. 402,437; Sept. 27. Class 14.

Odorono Company, Inc., The, New York, N. Y. Deodorants and preparations for preventing excessive perspiration, also depilatory. Serial No. 408,352; Sept. 27. Class 6.

Ogus, Rabinovich & Ogus, Inc., New York, N. Y. Ladies' hats. Serial No. 406,773; Sept. 27. Class 39.

Pacific Knitting Mills, Inc., Los Angeles, Calif. Knit and fabricated men's, women's and children's swim suits. Serial No. 408,505; Sept. 27. Class 39.

Pam-Pam. (See Bireley's, Inc.)

Parfet, Ray T., doing business as Cosmic-Ray Enterprises, Kalamazoo, Mich. Food beverage. Serial No. 407,241; Sept. 27. Class 46.

Paris Manufacturing Co., Inc., Paris, Ill. Metal pipes and conduits. Serial No. 408,895; Sept. 27. Class 13.

Parke, Davis & Company, Detroit, Mich. Anterior pituitary-like sex hormone. Serial No. 407,960; Sept. 27. Class 6.

Peerless Tailoring Company, Baltimore, Md. Men's suits, overcoats, and topcoats. Serial No. 408,507; Sept. 27. Class 39.

Peery, David H. (See Bireley's, Inc., assignor.)

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Phelan-Faust Paint Mfg. Co., St. Louis, Mo. Ready-mixed paints. Serial No. 409,020; Sept. 27. Class 16.

Pressed Steel Company, The, Wilkes Barre, Pa. Hardware articles. Serial No. 373,539; Sept. 27. Class 13.

Pretorius, Martin W., Burbank, Calif. Dentifrices. Serial No. 387,680; Sept. 27. Class 6.

Prim Corporation, St. Louis, Mo. Cleaning preparation. Serial No. 409,058; Sept. 27. Class 4.

Producers Peanut Company, Inc., Suffolk, Va. Peanut butter. Serial No. 408,435; Sept. 27. Class 46.

Pro-phy-lac-tic Company, Northampton, Mass. Tooth brushes. Serial No. 408,931; Sept. 27. Class 29.

Rackoff, Philip C., doing business as Warnick's Chemical and Pharmaceutical Laboratories, Los Angeles, Calif. Preparation useful in treatment of rheumatic muscular aches, pains, and lumbago. Serial No. 409,107; Sept. 27. Class 6.

Rapid Electrotype Co., The, Cincinnati, Ohio. Matrix or flong for stereotyping. Serial Nos. 407,603–4; Sept. 27. Class 50.

Raybalt Co., The, Los Angeles, Calif. Astringents and antiseptic solutions for dental purposes. Serial No. 401,508; Sept. 27. Class 6.

Reich, Paul F., Company, Bloomington, and Chicago, Ill. Candy. Serial No. 407,935; Sept. 27. Class 46.

Reid, Charles F., Chicago, Ill. Paraphernalia including animal figures used in game simulating golf. Serial No. 407,248; Sept. 27. Class 22.

Reina, S. A., doing business as Salva-Gene Chemical Laboratory, San Francisco, Calif. General tonic. Serial No. 405,223; Sept. 27. Class 6.

Rice-Stix Dry Goods Company, St. Louis, Mo. Umbrellas. Serial No. 409,210; Sept. 27. Class 41.

Robertson, H. H., Company, Pittsburgh, Pa. Metal pipes, conduits, and culverts. Serial No. 394,194; Sept. 27. Class 13.

Rothschild Bros. Hat Company, St. Louis, Mo. Men's, youths', and boys' hats. Serial No. 408,859; Sept. 27. Class 39.

Rubenstein, Helena, Inc., New York, N. Y. Toilette water. Serial No. 404,058; Sept. 27. Class 6.

Russakov, Jacob I., doing business as The Russakov Company, Chicago, Ill. Ash stands. Serial No. 408,900; Sept. 27. Class 8.

Salve-Gene Chemical Laboratory. (See Reina, S. A.)

Sam's Cut Rate, Inc., Detroit, Mich. Men's undershirts, pajamas, underwear, and shirts. Serial No. 404,907; Sept. 27. Class 39.

Sandess Manufacturing Company, Philadelphia, Pa. Cloth piece goods. Serial Nos. 407,822–3; Sept. 27. Class 42.

Schleisner Company, Inc., Baltimore, Md. Daily bulletin. Serial No. 408,980; Sept. 27. Class 38.

Schoeneman, J., Inc., Baltimore, Md. Coats, vests, trousers, etc. for men, youths, and boys. Serial No. 408,478; Sept. 27. Class 39.

Schuler, John A., doing business as Simplex Nut Machine Company, East St. Louis, Ill. Apparatus for processing edible nuts. Serial No. 409,010; Sept. 27. Class 23.

Selmer, H. & A., Incorporated., Elkhart, Ind. Specially constructed music stand electric light. Serial No. 406,989; Sept. 27. Class 21.

Shane, C. B., Corporation, Chicago, Ill. Men's overcoats and top coats. Serial No. 408,731; Sept. 27. Class 39.

Sight Light Corporation, The, New York, N. Y. Instruments for measuring and recording light intensities, color values, and current consumption. Serial No. 365,357; Sept. 27. Class 26.

Silverberg & Trattner, New York, N. Y. Ice boxes and chests, milk coolers, and refrigerators. Serial No. 408,328; Sept. 27. Class 31.

Simplex Nut Machine Company. (See Schuler, John A.)

Simson, Stella, New York, N. Y. Men's and women's outer garments. Serial No. 408,519; Sept. 27. Class 39.

Sinagnan, Frances, et Cie. Inc., doing business as Bagatelle, New York, N. Y. Candies. Serial No. 408,863; Sept. 27. Class 46.

Sladek, Achilles L. and Marian G., St. Paul, Minn. Cosmetic creams and lotions. Serial No. 408,812; Sept. 27. Class 6.

Smart-Maid Coat Company, Incorporated, New York, Coats for women and girls. Serial No. 408,487; Sept. 27. Class 39.

Societe Commerciale des Produits due Petrole, Paris, France. Lubricating oil. Serial No. 407,770; Sept. 27. Class 15.

Standard Oil Company of California, Wilmington, Del., and San Francisco, Calif. Ferrous metal castings. Serial No. 408,586; Sept. 27. Class 14.

Standard Overall Company, The, Baltimore, Md. Dress and sport shirts for men and boys. Serial No. 408,904; Sept. 27. Class 39.

Standard Chemical Products, Inc., Hoboken, N. J. Chemical preparation. Serial No. 407,993; Sept. 27. Class 6.

Sterling Bronze Company, Inc., Long Island City, N. Y. Base metal table ware. Serial No. 404,729; Sept. 27. Class 2.

Stewart, Frances M., doing business as F. M. Stewart, Philadelphia, Pa. Dough handling machinery and bakery machinery. Serial No. 407,771; Sept. 27. Class 23.

St. Regis Paper Company, New York, N. Y. Paper. Serial No. 407,039; Sept. 27. Class 37.

Stroock, S., & Co. Inc., New York, N. Y. Woven woolen cloth. Serial No. 409,494; Sept. 27. Class 42.

Sun-Ripe Cocoanut Products Co., Buenavista, Magdalena, P. I. Desiccated cocoanut. Serial No. 404,330; Sept. 27. Class 46.

Supplee-Biddle Hardware Co., Philadelphia, Pa. Display cabinets. Serial No. 409,067; Sept. 27. Class 32.

Tennessee Valley Dairies. (See Henegar Bros.)

Thuau, Urbain J., Paris, France. Antiseptic, astringent, etc. pharmaceutical preparation. Serial No. 406,738; Sept. 27. Class 6.

Thurston Cutting Corporation, New York, N. Y. Piece goods. Serial No. 386,782; Sept. 27. Class 42.

Titusville Iron Works Company, The, Titusville, Pa. Water heating and steam generating boilers. Serial No. 408,330; Sept. 27. Class 34.

Toast-O-Later Co. Inc., New York, N. Y. Electric toasters. Serial No. 406,739; Sept. 27. Class 21.

Ton-Tex Corporation, Grand Rapids, Mich. Belting. Serial No. 408,773; Sept. 27. Class 35.

Trictin Laboratories, Mayfield, Ky. Medicinal preparation for athlete's foot and other fungus infections. Serial No. 408,767; Sept. 27. Class 6.

Tri-Jol Co., St. Paul, Minn. Deodorant and nonperspirant cream. Serial No. 408,908; Sept. 27. Class 6.

Ulmann, Bernhard, Inc., New York, N. Y. Ornamental braids and chenille. Serial No. 409,073; Sept. 27. Class 40.

United Auto Supply Company, Inc., Dallas, Tex. Spark plugs for internal combustion engines, electrical storage batteries, cables. Serial No. 381,893; Sept. 27. Class 21.

United Distributors, Inc., Louisville, Ky. General tonic and laxative. Serial No. 409,373; Sept. 27. Class 6.

United States Chemical Co. Inc. (See James, Otis D.)

Van Nest, Lisle C., doing business as National Laboratories, Toledo, Ohio. Preparation for removal of rust and stain from porcelain, etc. Serial No. 408,976; Sept. 27. Class 4.

Victor Manufacturing and Gasket Company, Chicago, Ill. Gaskets. Serial No. 409,450; Sept. 27. Class 35.

Vitarine Co., Inc., The, New York, N. Y. Laxative preparation. Serial No. 408,769; Sept. 27. Class 6.

Vogt, F. G., & Sons, Incorporated, Philadelphia, Pa. Canned pigs feet. Serial No. 408,360; Sept. 27. Class 46.

Vortexol Company, Saugus, Mass. Waterproofing compounds and leather dressing. Serial No. 408,589; Sept. 27. Class 4.

Wagner, Wiltz W., doing business as Chas. P. Wagner and Bro., New Orleans, La. Banana milk powder. Serial No. 409,016; Sept. 27. Class 46.

Warnick's Chemical and Pharmaceutical Laboratories. (See Rackoff, Philip C.)

Waterhouse Woolen Company, Chicago, Ill. Men's suitings. Serial No. 409,376; Sept. 27. Class 42.

Western Mattress Company of Oregon, Portland, Oreg. Mattresses. Serial No. 409,378; Sept. 27. Class 32.

White, H. N., Company, The, Cleveland, Ohio. Wind instruments. Serial No. 407,168; Sept. 27. Class 36.

Wood Ridge Manufacturing Co., Inc., The, Wood Ridge, N. J. Parasiticide and fungicide. Serial No. 408,979; Sept. 27. Class 6.

Wringley, Wm., Jr., Company, Chicago, Ill. Chewing gum. Serial Nos. 402,107–9; Sept. 27. Class 46.

LIST OF REGISTRANTS OF TRADE-MARKS

Abbott, Ambrose C., doing business as A. C. Abbott Products Co., Los Angeles, Calif. Shipping containers. 360,791; Sept. 27; Serial No. 404,341; published June 14, 1938. Class 2.

Accuracy Scientific Instrument Company, Inc., Philadelphia, Pa. Thermometers, thermostats, thermo-regulators, etc. 360,864; Sept. 27. Serial No. 406,412; published July 19, 1938. Class 26.

Airway Shade Corporation, The, Miami, Fla. Window shades. 360,877; Sept. 27; Serial No. 406,671; published July 19, 1938. Class 32.

American Spectacle Co., Inc., New York, N. Y. Bathing goggles and spectacles. 360,772; Sept. 27; Serial No. 403,389; published July 19, 1938. Class 26.

Anglo Soap Corp., Brooklyn, N. Y. Kosher soap and steel wool. 400,896; Sept. 27. Class 4.

Armstrong Cork Products Company, Lancaster, Pa. Resin type adhesives. 360,745; Sept. 27; Serial No. 401,327; published July 12, 1938. Class 5.

Association for the Advancement of Chiropractic, The, New York, N. Y. Magazine. 360,865; Sept. 27; Serial No. 406,434; published July 19, 1938. Class 38.

Augstein, S., & Co., College Point, N. Y. Piece goods. 360,853; Sept. 27; Serial No. 406,275; published July 19, 1938. Class 42.

Autobridge, Inc., New York, N. Y. Game board. 360,891; Sept. 27; Serial No. 407,121; published July 19, 19338. Class 22.

Auto Cream Whip Corporation, New York, N. Y. Dispensing apparatus and appliances, and gas filled tanks and cartridges. 360,722; Sept. 27; Serial No. 391,412; published Jan. 11, 1938. Class 23.

B. V. D. Corporation, The, Baltimore, Md. Articles of wearing apparel. 360,848; Sept. 27; Serial No. 406,207; published July 12, 1938. Class 39.

Barnes, Frederick J. T., London, England. Machines and parts thereof for dispensing beverages. 360,866; Sept. 27. Serial No. 406,438; published July 19, 1938. Class 23.

Bayview Citrus Association, Los Fresnos, Calif. Fresh citrus fruits. 360,736; Sept. 27; Serial No. 399,286; published July 19, 1938. Class 46.

Beauty Kote Corp., Newark, N. J. Varnish. 360,824; Sept. 27; Serial No. 405,870; published July 19, 1938. Class 16.

Bechmann, Frank E., Battle Creek, Mich. Publication. 360,867; Sept. 27; Serial No. 406,440; published July 19, 1938. Class 38.

Bernard Dress Mfg. Co., Inc., Buffalo, N. Y. Women's wash dresses and housecoats. 360,840; Sept. 27; Serial No. 406,110; published July 5, 1938. Class 39.

Billington, James H., Co., Philadelphia, Pa. Mule banding. 360,746; Sept. 27; Serial No. 401,551; published July 12, 1938. Class 7.

Bloomingdale Bros., Inc., New York, N. Y. Towels. 360,841; Sept. 27; Serial No. 406,113; published July 19, 1938. Class 42.

Blum, Philip, & Company, Inc., Chicago, Ill. Whiskey. 360,719; Sept. 27; Serial No. 389,718; published July 19, 1938. Class 49.

Bonwit Teller, Inc., New York, N. Y. Women's and misses' furs; dresses, hosiery, etc. 360,835; Sept. 27; Serial No. 406,013; published July 19, 1938. Class 39.

Brewer-Titchener Corporation, The, Cortland, N. Y. Foldable ironing tables and tub benches. 360,771; Sept. 27; Serial No. 403,302; published July 19, 1938. Class 24.

Britton, John G., Lansdowne, Pa. Sound absorbent plastic material. 360,826; Sept. 27; Serial No. 405,911; published July 19, 1938. Class 12.

Brooks Brothers Upholstery Company, Providence, R. I. Mattresses and bed springs. 360,912; Sept. 27. Class 32.

Brown, George S., Jr., doing business as Coastal Chemical Company, Savannah, Ga. Liquid preparation for cleaning window glass. 360,734; Sept. 27; Serial No. 399,070; published July 12, 1938. Class 4.

Brown-Forman Distillery Company, Louisville, Ky. Whiskey. 360,895; Sept. 27; Serial No. 407,259; published July 26, 1938. Class 49.

Buckley, Newhall Company, The, New York, N. Y. Bed sheets, pillow cases, towels, etc. 360,806; Sept. 27; Serial No. 405,341; published July 19, 1938. Class 42.

Bundy Incubator Company, The, Springfield, Ohio. Egg testers. 360,751; Sept. 27; Serial No. 401,981; published July 19, 1938. Class 26.

Bureau of National Affairs, Incorporated, The, Washington, D. C. Publications. 360,819; Sept. 27; Serial No. 405,685; published July 19, 1938. Class 38.

Burgess Battery Company, Freeport, Ill. Electric hand lamps and lanterns and cases therefor. 360,858; Sept. 27; Serial No. 406,328; published July 19, 1938. Class 21.

Carp's, J. A., Garenfabrieken N. V., Helmond, Netherlands. Thread and yarn. 360,793; Sept. 27; Serial No. 404,631; published July 5, 1938. Class 43.

Carthage Mills Incorporated, Cincinnati, Ohio. Felt base floor coverings. 360,821; Sept. 27; Serial No. 405,843; published July 12, 1938. Class 20.

Chilton Company, Philadelphia, Pa. Publication. 360,842; Sept. 27; Serial No. 406,176; published July 19, 1938. Class 38.

Chittenden & Eastman Company, Burlington, Iowa. Mattresses. 360,873; Sept. 27; Serial No. 406,580; published July 19, 1938. Class 32.

Chopak Textile Co. Inc., New York, N. Y. Rayon and acetate cloth. 360,910; Sept. 27. Class 42.

Church & Dwight Co. Inc., New York, N. Y. Baking soda. 360,880–1; Sept. 27; Serial Nos. 406,748–9; published July 19, 1938. Class 46.

Clark, Clarence H., doing business as Cobay Company, San Francisco, Calif. Dice or domino game table tops. 360,757–9; Sept. 27; Serial Nos. 402,287–9; published July 19, 1938. Class 22.

Clear Weave Hosiery Stores, Inc., Jamaica Plain, Boston, Mass. Hosiery. 360,814; Sept. 27; Serial No. 405,550; published July 5, 1938. Class 39.

Coastal Chemical Company. (See Brown, George S., Jr.)

Cobay Company. (See Clark, Clarence H.)

Cohen, Jos. S., & Sons Co., Inc., New York, N. Y. Dresses, frocks, pajamas, etc. 360,852; Sept. 27; Serial No. 406,240; published July 12, 1938. Class 39.

Cohen-Fein Company, Wilkes-Barre, Pa. Men's flannel shirts; jackets, mackinaws, etc. 360,789; Sept. 27; Serial No. 404,293; published July 12, 1938. Class 39.

Cohen, Goldman & Co. Inc., New York, N. Y. Coats, vests, pants, etc. 360,798; Sept. 27; Serial No. 404,935; published June 28, 1938. Class 39.

Congress Shirt Company, Boston, Mass. Sport jackets and parkas. 360,780; Sept. 27; Serial No. 403,858; published July 5, 1938. Class 39.

Congress Shirt Company, Boston, Mass. Sport jackets and parkas. 360,785; Sept. 27; Serial No. 404,162; published June 28, 1938. Class 39.

Conquest Products. (See Eichmann, Lotte.)

Continental Undergarment Co., Inc., Brooklyn, N. Y. Ladies' slips, underwear, panties, etc. 360,775; Sept. 27; Serial No. 403,540; published July 12, 1938. Class 39.

Crown Products Corporation, San Francisco, Calif. Cleansing powder. 360,776; Sept. 27; Serial No. 403,720; published July 19, 1938. Class 4.

Crystal Springs Packing Co., Inc., Medford, Oreg. Fresh pears. 360,906; Sept. 27. Class 46.

Delta Kappa Epsilon, The Council of, New York, N. Y. Fraternity badges, lapel buttons; scarf, lapel, and breast pins; etc. 360,861; Sept. 27. Serial No. 406,374; published July 19, 1938. Class 28.

Dennis, W. J., & Company, Chicago, Ill. Weather strip. 360,730; Sept. 27; Serial No. 396,455; published July 19, 1938. Class 12.

Department Store Publishing Corporation, New York, N. Y. Magazine. 360,773; Sept. 27; Serial No. 403,400; published June 28, 1938. Class 38.

Distillation Products, Inc. (See Eastman Kodak Company, assignor.)

Distillers Company Limited, The, Edinburgh, Scotland. Liquid fuel. 360,813; Sept. 27; Serial No. 405,488; published July 19, 1938. Class 15.

Dix, Henry A., & Sons Corporation, New York, N. Y. Piece goods. 360,732; Sept. 27; Serial No. 398,240; published July 19, 1938. Class 42.

Dodge, Incorporated, Los Angeles, Calif. Tableware. 360,790; Sept. 27; Serial No. 404,297; published July 12, 1938. Class 28.

Donahue, A. J., Corporation, The, Milford, Conn. Girdles, corselets, and pantie-girdles. 360,836; Sept. 27; Serial No. 406,016; published July 19, 1938. Class 39.

Dressaver Company. (See Krantz, Rose.)

Dwinnell, William S., deceased, Estate of, doing business as Dwinnell Bros. Orchards, Minneapolis, Minn. Fresh apples. 360,741; Sept. 27; Serial No. 400,496; published July 19, 1938. Class 46.

Earnshaw Knitting Company, Newton, Mass. Infants' and children's shirts and vests. 360,903; Sept. 27. Class 39.

Eastman Kodak Company, Jersey City, N. J., and Rochester, N. Y., assignor to Distillation Products, Inc. Grease. 360,854; Sept. 27; Serial No. 406,284; published July 19, 1938. Class 15.

Eichmann, Lotte, doing business as Conquest Products, New York, N. Y. Candy. 360,887; Sept. 27; Serial No. 406,965; published July 19, 1938. Class 46.

Electro-Protective Corporation, Newark, N. J. Electrically operated protective systems. 360,796; Sept. 27; Serial No. 404,696; published July 19, 1938. Class 21.

Emanuel, Jay, Publications, Inc., Philadelphia, Pa. Magazine. 360,816–17; Sept. 27; Serial Nos. 405,602–3; published July 19, 1938. Class 38.

Farm Bureau Cooperative Association, Inc., The, Columbus, Ohio. Mixed feed for poultry and livestock. 360,731; Sept. 27; Serial No. 397,074; published July 19, 1938. Class 46.

Fawcett Publications, Inc., Greenwich, Conn. Magazine. 360,807; Sept. 27; Serial No. 405,351; published July 19, 1938. Class 38.

Fibre Conduit Company, The, Orangeburg, N. Y. Conduit, ducts, and pipes, etc. 360,774; Sept. 27; Serial No. 403,449; published July 5, 1938. Class 12.

First National Television, Inc., Kansas City, Mo. Monthly publication. 360,721; Sept. 27; Serial No. 390,577; published Aug. 10, 1937. Class 38.

Fisher Scientific Company, Pittsburgh, Pa. Aluminum laboratory appliance. 360,873; Sept. 27; Serial No. 406,550; published July 19, 1938. Class 26.

Foster Brothers Manufacturing Company, Inc., Baltimore, Md. Bed springs. 360,893; Sept. 27; Serial No. 407,218; published July 19, 1938. Class 32.

Frank Pure Food Company, The, Franksville, Wis. Canned sauerkraut and canned sauerkraut juice. 360,748; Sept. 27; Serial No. 401,733; published July 19, 1938. Class 46.

Frantz, Charton C., doing business as The Frantz Company, Pittsburgh, Pa. Bread, rolls, buns, etc. 360,744; Sept. 27; Serial No. 401,141; published July 19, 1938. Class 46.

Friendly Knitting Mills, Inc., Brooklyn, N. Y. Knitted sweaters. 360,802; Sept. 27; Serial No. 405,203; published June 28, 1938. Class 39.

Frost, C. L., & Son, Grand Rapids, Mich. Door catches. 360,781; Sept. 27; Serial No. 404,039; published July 19, 1938. Class 25.

Garfinkel & Ritter, New York, N. Y. Garments. 360,768; Sept. 27; Serial No. 403,005; published July 19, 1938. Class 39.

Gaylord Container Corporation, St. Louis, Mo. Wrapping paper, fiber board, liner board, etc. 360,915; Sept. 27. Class 37.

General Paint & Varnish Co., doing business as Invader Paint and Varnish Co., Chicago, Ill. Paints, varnishes, and paint enamels. 360,913; Sept. 27. Class 16.

General Popcorn Company. (See Hudelson Sales Corporation.)

Gerard Brothers Limited, Nottingham, England. Toilet soaps. 360,749; Sept. 27; Serial No. 401,737; published July 19, 1938. Class 4.

Gevaert Company of America, Inc., The, New York, N. Y. Photographic projection printers. 360,843; Sept. 27; Serial No. 406,181; published July 19, 1938. Class 26.

Gillette Safety Razor Company, Boston, Mass. Safety razor blades and safety razors. 360,904; Sept. 27. Class 23.

Glemby Company, Inc., The, New York, N. Y. Hair curlers and hair wavers. 360,753; Sept. 27; Serial No. 402,124; published July 19, 1938. Class 40.

Globe Oil & Refining Company, The, Wichita, Kans. Lubricating oils and greases and gasoline. 360,735; Sept. 27; Serial No. 399,229; published July 5, 1938. Class 15.

Greenfield Wholesale Co., The, Greenfield, Ohio. Hosiery. 360,728; Sept. 27; Serial No. 395,172; published July 12, 1938. Class 39.

Groblue Knitting Mills, Inc., New York, N. Y. Dresses. 360,800; Sept. 27; Serial No. 405,160; published June 28, 1938. Class 39.

Hacker Import Corporation, The, New York, N. Y. Yarns. 360,818; Sept. 27; Serial No. 405,644; published July 5, 1938. Class 43.

Halgar, Inc., Chicago, Ill. Permanent wave apparatus and solutions sold as a unit. 360,830; Sept. 27; Serial No. 405,987; published July 19, 1938. Class 44.

Hamburger Company, The, Chicago, Ill. Whiskies. 360,901; Sept. 27. Class 49.

Hanover Canning Company, Hanover, Pa. Canned vegetables. 360,767; Sept. 27; Serial No. 402,683; published July 19, 1938. Class 46.

Hearn Department Stores, Inc., New York, N. Y. Sanitary napkins and belts, and absorbent cotton. 360,754; Sept. 27; Serial No. 402,183; published July 19, 1938. Class 44.

Heller, R. C., Co., Inc., Baltimore, Md. Box springs, couches, and pillows. 360,894; Sept. 27; Serial No. 407,225; published July 19, 1938. Class 32.

Herald Knitwear Co. Inc., New York, N. Y. Knitted sweaters, suits, and skirts. 360,782; Sept. 27; Serial No. 404,044; published July 12, 1938. Class 39.

Higgins & Burke Limited, Toronto, Ontario, Canada. Tea, coffee, cocoa, and chocolate. 360,896; Sept. 27; Class 46.

Houghton, E. F., & Co., Philadelphia, Pa. Core oil. 360,855; Sept. 27; Serial No. 406,291; published July 19, 1938. Class 5.

Hudelson Sales Corporation, doing business as General Popcorn Company, Los Angeles, Calif. Popcorn and prepared popcorn. 360,756; Sept. 27; Serial No. 402,263; published July 19, 1938. Class 46.

Hudson, J. L., Company, The, Detroit, Mich. Women's, misses', and juniors' coats and suits. 360,844; Sept. 27; Serial No. 406,184; published July 12, 1938. Class 39.

Hudson, J. L., Company, The, Detroit, Mich. Men's suits, topcoats, and overcoats. 360,845; Sept. 27; Serial No. 406,185; published July 12, 1938. Class 39.

Humane Hog Ring Company, Winona Lake, Ind. Nose rings for swine. 360,907; Sept. 27. Class 13.

Humble Oil & Refining Company, Houston, Tex. Coating asphalts. 360,803; Sept. 27; Serial No. 405,208; published July 19, 1938. Class 12.

Humble Oil & Refining Company, Houston, Tex. Coatings of the nature of lubricating liquids and lubricating greases. 360,804; Sept. 27; Serial No. 405,209; published July 19, 1938. Class 15.

Imperial Hosiery Company, Pittsburgh, Pa. Shorts, beach-pants, overalls, etc. 360,755; Sept. 27; Serial No. 402,189; published July 5, 1938. Class 39.

International Looms Inc., New York, N. Y. Piece goods. 360,766; Sept. 27; Serial No. 402,479; published July 19, 1938. Class 42.

Invader Paint and Varnish Co. (See General Paint & Varnish Co.)

Jadson Motor Products Co., Bell, Calif. Motor exhaust valves. 360,860; Sept. 27; Serial No. 406,364; published July 19, 1938. Class 23.

Janowitz, Ernest, New York, N. Y. Misses' and juniors' dresses. 360,792; Sept. 27; Serial No. 404,530; published July 12, 1938. Class 39.

Jenaer Glaswerk Schott & Gen., Jena, Germany. Raw glass, glass tubes. 360,176; Sept. 27; Serial No. 376,160; published July 19, 1938. Class 33.

Jenaer Glaswerk Schott & Gen., Jena, Germany. Raw glass, glass tubes. 360,716; Sept. 27; Serial No. 378,966; published July 19, 1938. Class 33.

Johnston, Everett, doing business as King Salad Avocado Co., Vista, Calif. Fresh avocados. 360,809; Sept. 27; Serial No. 405,393; published July 19, 1938. Class 46.

Kansas Blue Print Company. (See Kintzel, Otto F.)

Kenner, Brockman & Schloss, Inc., Dalton, Ga. Tufted bedspreads, hand-made and machine-made. 360,882; Sept. 27; Serial No. 406,809; published July 19, 1938. Class 42.

King Salad Avocado Co. (See Johnston, Everett.)

Kintzel, Otto F., doing business as Kansas Blue Print Company, Wichita, Kans. Offset prints. 360,856; Sept. 27; Serial No. 406,295; published July 19, 1938. Class 38.

Kleen-O-Dent Laboratories, Inc., Newark, N. J. Sterilizing receptacles for artificial dentures. 360,743; Sept. 27; Serial No. 400,910; published July 19, 1938. Class 44.

Krantz, Rose, doing business as Dressaver Company, Brooklyn, N. Y. Wearing apparel. 360,747; Sept. 27; Serial No. 401,671; published July 19, 1938. Class 39.

Kraus Bros. & Co., Inc., New York, N. Y. Whiskies, gins, and alcoholic cordials. 360,918; Sept. 27. Class 49.

La Paree Undergarment Co., Inc., Jersey City, N. J. Pajamas. 360,825; Sept. 27; Serial No. 405,880; published July 12, 1938. Class 39.

Levy Bros. & Adler Rochester, Incorporated, Rochester, N. Y. Topcoats and overcoats. 360,815; Sept. 27; Serial No. 405,560; published July 5, 1938. Class 39.

Lieberitz, S., & Sons, Inc., New York, N. Y. Negligee shirts. 360,786; Sept. 27; Serial No. 404,177; published June 28, 1938. Class 39.

Lockwood Hardware Manufacturing Co., Fitchburg, Mass. Lock sets. 360,849; Sept. 27; Serial No. 406,222; published July 12, 1938. Class 25.

Loomtogs, Inc., New York, N. Y. Women's and misses' two-piece playsuits. 360,828; Sept. 27; Serial No. 405,964; published June 28, 1938. Class 39.

Lowe, Joe, Corporation, New York, N. Y. Frozen confections. 360,862; Sept. 27; Serial No. 406,394; published July 19, 1938. Class 46.

Luxor Studios, Inc., New York, N. Y. Lamp shades. 360,898; Sept. 27. Class 34.

Macy, R. H., & Co., Inc., New York, N. Y. Almond extract, baking powder, barley, etc. 360,801; Sept. 27; Serial No. 405,171; published July 19, 1938. Class 46.

Magaril, Irving, New York, N. Y. Mattresses, pillows, box springs, etc. 360,916–17; Sept. 27. Class 32.

Magee Carpet Company, The, Bloomsburg, Pa. Carpets and rugs. 360,761–3; Sept. 27; Serial Nos. 402,398–400; published July 19, 1938. Class 42.

Magee Carpet Company, The, Bloomsburg, Pa. Carpets and rugs. 360,764; Sept. 27; Serial No. 402,402; published July 19, 1938. Class 42.

Marquette Cement Manufacturing Company, Chicago, Ill. Masonry cement. 360,831; Sept. 27; Serial No. 405,994; published July 19, 1938. Class 12.

Martin Bros. Co., Denver, Colo. Coffee. 360,900; Sept. 27. Class 46.

Marvlo Mills, Inc., New York, N. Y. Piece goods. 360,850; Sept. 27; Serial No. 406,223; published July 19, 1938. Class 42.

May Department Stores Company, The, New York, N. Y.; Baltimore, Md.; Akron and Cleveland, Ohio; Denver, Colo.; Los Angeles, Calif.; and St. Louis, Mo. Floor wax and furniture polish. 360,899; Sept. 27. Class 16.

May Department Stores Company, The, New York, N. Y.; St. Louis, Mo.; Cleveland and Akron, Ohio; Los Angeles, Calif.; Baltimore, Md.; and Denver, Colo. Piano accordions. 360,905; Sept. 27. Class 36.

Meredith Publishing Company, Des Moines, Iowa. Magazine section. 360,868; Sept. 27; Serial No. 406,461; published July 19, 1938. Class 38.

Merriam, G. & C., Company, Springfield, Mass. Books. 360,832–3; Sept. 27; Serial Nos. 405,995–6; published July 19, 1938. Class 38.

Merwil Publishing Co. Inc., New York, N. Y. Magazine. 360,765; Sept. 27; Serial No. 402,431; published July 19, 1938. Class 38.

Milo Undergarment Co., New York, N. Y. Ladies' slips, nightgowns, pajamas, panties, etc. 360,715; Sept. 27; Serial No. 362,036; published May 7, 1935. Class 39.

Monday Morning Publisher Inc., The, Detroit, Mich. Newspaper. 360,777; Sept. 27; Serial No. 404,770; published July 19, 1938. Class 38.

Montague Rod and Reel Company, Montague City, Mass. Fishing rods and reels. 360,839; Sept. 27; Serial No. 406,066; published June 21, 1938. Class 22.

Mound City Paint and Color Company, St. Louis, Mo. Semi-gloss paint. 360,822; Sept. 27; Serial No. 405,853; published July 19, 1938. Class 16.

Mound City Paint and Color Company, St. Louis, Mo. Flat finish varnish. 360,859; Sept. 27; Serial No. 406,346; published July 19, 1938. Class 16.

Mound City Paint and Color Company, St. Louis, Mo. Paint enamel. 360,823; Sept. 27; Serial No. 405,854; published July 19, 1938. Class 16.

Mutschler Brothers Company, Nappanee, Ind. Kitchen furniture. 360,718; Sept. 27; Serial No. 382,762; published July 19, 1938. Class 32.

Murray, James M., Garden City, N. Y. Commercial fertilizer. 360,876; Sept. 27; Serial No. 406,598; published July 12, 1938. Class 10.

National Butane Gas Company, Memphis, Tenn. Gas heaters, hot water heaters, circulating gas heaters, etc. 360,797; Sept. 27; Serial No. 404,862; published July 19, 1938. Class 34.

National Carbon Company, Inc., New York, N. Y. Electric resistors. 360,779; Sept. 27; Serial No. 403,824; published July 19, 1938. Class 21.

Nored Corporation, The, Harrisburg, Pa. Newspaper or periodical published fortnightly. 360,787; Sept. 27; Serial No. 404,229; published July 12, 1938. Class 38.

Pharis Tire and Rubber Company, The, Newark, Ohio. Cotton piece goods. 360,914; Sept. 27. Class 42.

Phosphate Mining Company, The, New York, N. Y. Detergent and cleanser. 360,737; Sept. 27; Serial No. 399,514; published July 19, 1938. Class 4.

Polaris Limited, Birmingham, England. Masts and poles. 360,805; Sept. 27; Serial No. 405,319; published July 19, 1938. Class 12.

Priestley, Sybil, Monticello, Ill. Peanut brittle. 360,783; Sept. 27; Serial No. 404,183; published July 19, 1938. Class 46.

Progressive Musical Instrument Corporation, New York, N. Y. Reeds. 360,742; Sept. 27; Serial No. 400,526; published July 19, 1938. Class 36.

RCA Manufacturing Company, Inc., Camden, N. J. House organ. 360,727; Sept. 27; Serial No. 395,096; published Sept. 21, 1937. Class 38.

Rail Steel Bar Association, Chicago, Ill. Rail-steel concrete reinforcement bars. 360,784; Sept. 27; Serial No. 404,136; published July 12, 1938. Class 12.

Rains, S. E., Co. Inc., New York, N. Y. Towels. 360,851; Sept. 27; Serial No. 406,226; published July 19, 1938. Class 42.

Raysteel Specialties, Inc., Cleveland, Ohio. Weatherstrip. 360,769; Sept. 27; Serial No. 403,092; published July 12, 1938. Class 12.

Regen, O., Manufacturing Co., Inc., New York, N. Y. Novelties. 360,724; Sept. 27; Serial No. 392,552; published July 19, 1938. Class 40.

Rival Packing Company, Chicago, Ill. Cat food. 360,883; Sept. 27; Serial No. 406,828; published July 19, 1938. Class 46.

Roach & Musser Company, Muscatine, Iowa. Factory fitted window units. 360,827; Sept. 27; Serial No. 405,937; published July 19, 1938. Class 12.

Rosenholz, J., Inc., New York, N. Y. Piece-goods. 360,911; Sept. 27. Class 42.

Roto-Shaver Incorporated, The. (See Strauss, Leon, assignor.)

Sanderson, Wm., & Son, Leith, Scotland. Scotch whisky. 360,729; Sept. 27; Serial No. 396,015; published July 19, 1938. Class 49.

Schultz, Carl H., Corporation, Brooklyn, N. Y. Beverage, and sirup and extract for making the same. 360,908; Sept. 27. Class 45.

Sears, Roebuck and Co., Chicago, Ill. Dresses. 360,810; Sept. 27; Serial No. 405,412; published June 28, 1938. Class 39.

Sears, Roebuck and Co., Chicago, Ill. Hosiery. 360,834; Sept. 27; Serial No. 406,003; published July 5, 1938. Class 39.

Sheila-Lynn, Inc., New York, N. Y. Dresses. 360,820; Sept. 27; Serial No. 405,704; published July 5, 1938. Class 39.

Sherwin-Williams Co., The, Cleveland, Ohio. Paints, paint enamels, lacquers, etc. 360,879; Sept. 27; Serial No. 406,733; published July 19, 1938. Class 16.

Sho-Scor Corporation, Washington, D. C. Visible scoring bridge tables. 360,878; Sept. 27; Serial No. 406,695; published July 19, 1938. Class 32.

Slater, J. & J., Inc., New York, N. Y. Shoes. 360,837–8; Sept. 27; Serial Nos. 406,031–2; published July 19, 1938. Class 39.

Smit, J. K., & Sons, Inc., New York, N. Y. Diamond core bits, dressing tools, and cutting tools. 360,846; Sept. 27; Serial No. 406,198; published July 19, 1938. Class 23.

Societe Menier, Paris, France. Chocolate and malt flavored powder. 360,799; Sept. 27; Serial No. 405,040; published July 5, 1938. Class 46.

Solomon, William, doing business as William Solomon & Co., Baltimore, Md. Whiskey, gin, rum, etc. 360,884; Sept. 27; Serial No. 406,834; published July 19, 1938. Class 49.

South Bend Brewing Company, South Bend, Ind. Beer. 360,726; Sept. 27; Serial No. 393,396; published Aug. 24, 1937. Class 48.

Standard Coated Products Corporation, Buchanan, Cortlandt, N. Y. Oilcloth. 360,885; Sept. 27; Serial No. 406,889; published July 12, 1938. Class 20.

Star-Maid Dresses Inc., New York, N. Y. Dresses, coats, jackets, etc. 360,770; Sept. 27; Serial No. 403,188; published June 28, 1938. Class 39.

Sté. Anonyme Internationale de Télégraphie Sans Fil, Brussels, Belgium. Position and direction determining apparatus, including homing devices. 360,794–5; Sept. 27; Serial Nos. 404,663–4; published July 19, 1938. Class 26.

Steinberger, L., & Sons, Inc., Jersey City, N. J Beverages and sirups and extracts for making the same. 360,739; Sept. 27; Serial No. 399,738; published June 28, 1938. Class 45.

Storkline Furniture Corporation, Chicago, Ill. Infants', nursery, and juvenile furniture. 360,888; Sept. 27; Serial No. 407,114; published July 19, 1938. Class 32.

Storkline Furniture Corporation, Chicago, Ill. Baby carriages. 360,889; Sept. 27; Serial No. 407,115; published July 19, 1938. Class 19.

Strauss, Leon, assignor to The Roto-Shaver Incorporated, New York, N. Y. Dry shavers. 360,778; Sept. 27; Serial No. 403,791; published July 19, 1938. Class 23.

Stuart Place Citrus Association, Harlingen, Tex. Fresh citrus fruits. 360,738; Sept. 27; Serial No. 399,688; published July 19, 1938. Class 46.

Super Brake-Floater Corp., Chicago, Ill. Automobile brake adjustment mechanism. 360,788; Sept. 27; Serial No. 404,235; published July 19, 1938. Class 19.

Syncro Devices, Incorporated, Detroit, Mich. Internal combustion engines and parts thereof. 360,811; Sept. 27; Serial No. 405,425; published July 19, 1938. Class 23.

Syncro Devices, Incorporated, Detroit, Mich. Internal combustion engines and parts thereof. 360,812; Sept. 27; Serial No. 405,426; published July 12, 1938. Class 23.

Toland & Donald, Mission, Tex. Fresh citrus fruits. 360,740; Sept. 27; Serial No. 400,137; published July 19, 1938. Class 46.

Towle Manufacturing Company, Newburyport, Mass. Silver and silver mounted flatware and hollow ware. 360,869–70; Sept. 27; Serial Nos. 406,474–5; published July 19, 1938. Class 28.

Towle Manufacturing Company, Newburyport, Mass. Silver and silver mounted flatware and hollow ware. 360,871–2; Sept. 27; Serial Nos. 406,477–8; published July 19, 1938. Class 28.

Triboro Knitting Mills, Inc., New York, N. Y. Sweaters. 360,723; Sept. 27; Serial No. 391,830; published June 28, 1938. Class 39.

Turner & Seymour Manufacturing Company, The, Torrington, Conn. Can openers. 360,874; Sept. 27; Serial No. 406,567; published July 19, 1938. Class 23.

United States Aviex Corporation, Long Island City, N. Y. Lubricating oil. 360,760; Sept. 27; Serial No. 402,354; published July 5, 1938. Class 15.

United States Electric Mfg. Corporation, New York, N. Y. Electric flashlights. 360,750; Sept. 27; Serial No. 401,951; published July 19, 1938. Class 21.

U. S. Knitwear Co., Baltimore, Md. Knitted sweaters and bathing suits. 360,808; Sept. 27; Serial No. 405,375; published June 28, 1938. Class 39.

United States Rubber Products, Inc., New York, N. Y. Coats of rubberized waterproof material. 360,857; Sept. 27; Serial No. 406,305; published July 12, 1938. Class 39.

United Vacuum Cleaner Stores, Cleveland, Ohio. Electric vacuum cleaners. 360,720; Sept. 27; Serial No. 389,948; published July 19, 1938. Class 21.

Universal Atlas Cement Company, Chicago, Ill. Portland cement. 360,829; Sept. 27; Serial No. 405,973; published July 19, 1938. Class 12.

Universal Engineering Co., Ltd., Los Angeles, Calif. Oil well drilling tools and parts therefor. 360,752; Sept. 27; Serial No. 402,038; published July 19, 1938. Class 23.

Verner, B., & Company, New York, N. Y. Printing presses. 360,902; Sept. 27. Class 23.

Virginia-Carolina Chemical Corporation, Richmond, Va. Commercial fertilizers or plant food. 360,886; Sept. 27; Serial No. 406,953; published July 12, 1938. Class 10.

Vogue Slide Fastener Corp., New York, N. Y. Chains. 360,733; Sept. 27; Serial No. 398,863; published Mar. 1, 1938. Class 13.

Wanamaker, John, Philadelphia, Philadelphia, Pa. Mattresses. 360,890; Sept. 27; Serial No. 407,118; published July 19, 1938. Class 32.

Waples Platter Company, Fort Worth, Tex. Canned goods. 360,725; Sept. 27; Serial No. 392,901; published July 19, 1938. Class 46.

Ward, Annabell E., Denver, Colo. Inclinometers. 360,897; Sept. 27. Class 26.

Wolf, Joseph A., Denver, Colo. Finger rings. 360,803; Sept. 27; Serial No. 406,408; published July 19, 1938. Class 28.

Workman, Bernard, New York, N. Y. Ladies', misses', and children's hats. 360,847; Sept. 27; Serial No. 406,205; published July 19, 1938. Class 39.

Ziegler, Louis, Brewing Company, Beaver Dam, Wis. Beer. 360,892; Sept. 27; Serial No. 407,208; published July 19, 1938. Class 48.

LIST OF REGISTRANTS OF LABELS

Ada Milling Company, Ada, Okla. Ada Milling Company Food Products, (Red, Yellow, and Brown Field Flowers, with Green Foliage, on a White Background). For Food Products. 51,845; Sept. 27.

Ada Milling Company, Ada, Okla. Ada Milling Company Food Products, (Floral Pattern: Flowers, with Buds and Foliage, in Yellow, Red, Blue, Lavender, Green, and Black on a White Background). For Food Products 51,846; Sept. 27.

Ada Milling Company, Ada, Okla. Ada Milling Company Food Products, (Autumn Leaves in Brown, Yellow, and Green, also Flowers and Buds of Green, Yellow and Red, on White Background). For Food Products. 51,847; Sept. 27.

Ada Milling Company, Ada, Okla. Ada Milling Company Food Products, (Mexican Pattern: Cactus, Sombreros, Pottery, Musical Instruments, Palm Trees, Ships, and Water, etc.). For Food Products. 51,848; Sept. 27.

Ada Milling Company, Ada, Okla. Ada Milling Company Food Products, (Floral Pattern: Small Bunches of Flowers, Some in Black, Others in Black, Green, Purple and Yellow. The Background is White). For Food Products. 51,849; Sept. 27.

Ada Milling Company, Ada, Okla. Ada Milling Company Food Products, (Floral Pattern: Field Flowers in Red, Green, Blue and Yellow; also Mushrooms in the Same Colors, etc.). For Food Products. 51,850; Sept. 27.

Ada Milling Company, Ada, Okla. Ada Milling Company Food Products, (Fiesta Pattern: Flowers and Foliage in Red, Yellow, Green, and Dark Blue. These Are so Arranged as to Form a not too Definite Stripe. Background, White). For Food Products. 51,851; Sept. 27.

Ada Milling Company, Ada, Okla. Ada Milling Company Food Products (Mexican Pattern: Mexican Pottern, Adobe Houses, Donkey-Drawn Carts, Lassos, Spurs, Cactus, etc.). For Food Products. 51,852; Sept. 27.

Ada Milling Company, Ada, Okla. Ada Milling Company Food Products, (Floral Pattern: Large Red Flowers with Green Centers, Yellow Flowers with Green Centers, Smaller Blue, etc.). For Food Products. 51,853; Sept. 27.

Ada Milling Company, Ada, Okla. Ada Milling Company Food Products, (Striped Pattern: Large "Border Stripe" Complete Length of One Side of the Material. This Stripe, etc.). For Food Products. 51,854; Sept. 27.

Ada Milling Company, Ada, Okla. Ada Milling Company Food Products, (Borderlin Pattern: a Border of Straight Lines and Flowers, Down Each Side of the Material, etc.). For Food Products. 51,855; Sept. 27.

Allen, Griffin A., Boston, Mass. Pepsogen. For a Medicinal Preparation. 51,856; Sept. 27.

Atlantic Calsomine Co., Inc., Brooklyn, N. Y. Aquasein. For Interior Paint. 51,857; Sept. 27.

Austernal Laboratories, Inc., New York, N. Y. Austernal All Porcelain. For Porcelain Dentures. 51,858; Sept. 27.

Bon Ton Baking Company, Petoskey, Mich. Bon Ton (Blue Diamond). For Bread. 51,859; Sept. 27.

Bon Ton Baking Company, Petoskey, Mich. Bon Ton Booster. For Bread. 51,860; Sept. 27.

Bon Ton Baking Company, Petoskey, Mich. Bon Ton (Red Diamond). For Bread. 51,861; Sept. 27.

Bon Ton Baking Company, Petoskey, Mich. Old Home. For Bread. 51,862; Sept. 27.

Brown, Beulah L., Council Bluffs, Iowa. Vip Vitallzing Skin Cream. For Skin Cream. 51,863; Sept. 27.

Buettner, T., & Co. Inc., Chicago, Ill. Nun's Permanently Mothproof. For Knitting Yarns. 51,864; Sept. 27.

Carroll, H. F., Clayton, Mo. Rheumart. For Capsules Prepared Epecially as an Aid in the Treatment of Rheumatism, Neuritis, Arthritis and Kindred Ailments. 51,865; Sept. 27.

Century Distilling Company, Peoria, Ill. Century Bonded. For Straight Bourbon Whiskey. 51,866; Sept. 27.

Christensen, William, Oakland, Calif. Clear-I. Drops for Granulated Eyelids, Weak Eyes, Inflamed Eyelids and Common Sore Eyes. 51,867; Sept. 27.

Curtis, David, doing business as The De-Ce Products of New York (Anestex Laboratories), New York, N. Y. Anestex Injectubes Containing Procaine-Epinephrine. For Local Anesthetic. 51,868; Sept. 27.

De-Ce Products of New York, The, (Anestex Laboratories). (See Curtis, David.)

Dentists' Supply Company of New York, The, New York, N. Y. New Trubridge Anteriors. For Artificial Teeth for Cast Bridgework and Partial Dentures. 51,869; Sept. 27.

Electric Soldering Iron Co. Inc., Deep River, Conn. Esico Thermostatic Control Stand. For Thermostatic Control Stands. 51,870; Sept. 27.

G. H. S. Corporation, New York, N. Y. The Elastic Hair Hat Band. For Hat Bands. 51,871; Sept. 27.

Gaboff, Benjamin, doing business as Ralph Winton Company, Baltimore, Md. Elixir Polyenzymes. For an Elixir. 51,872; Sept. 27.

Gaboff, Benjamin, doing business as Ralph Winton Company, Baltimore, Md. Polyvitamins. For Capsules Containing Vitamins. 51,873; Sept. 27.

General Mills, Inc., Minneapolis, Minn. Sperry Pancake and Waffle Flour. For Pancake and Waffle Flour. 51,874; Sept. 27.

General Mills, Inc., Minneapolis, Minn. Sperry Wheat Hearts. For Cereal Food. 51,875; Sept. 27.

Gilbert, A. C., Company, The, New Haven, Conn. Gilbert Kaster Kit. For Casting Outfits. 51,876; Sept. 27.

Globe Novelty House, New York, N. Y. London Handkerchiefs. For Handkerchiefs. 51,877; Sept. 27.

Johnson, S. C., & Son, Inc., Racine, Wis. Johnson's Quick Drying Linoleum Varnish. For Quick Drying Linoleum Varnish. 51,878; Sept. 27.

Johnson, S. C., & Son, Inc., Racine, Wis. Johnson's 76 Varnish. For Varnish. 51,879; Sept. 27.

Johnson, S. C., & Son, Inc., Racine, Wis. Johnson's Traffic-Cote. For a Finish for Linoleum and Wood Floors. 51,880; Sept. 27.

Kaskaquin Co., The, Knoxville, Tenn. Kaskaquin. For a Preparation for the Treatment of Colds. 51,881; Sept. 27.

Merfish, Rose, Houston, Tex. Continental. For Heaters. 51,882; Sept. 27.

National Shoe Stores, Inc., New York, N. Y. The Cobweb. For Silk Hosiery. 51,883; Sept. 27.

Patent Cereals Company, The, Geneva, N. Y. Dic-A-Daily. For a Cleanser and Water Softener. 51,884; Sept. 27.

Royal, Thomas M., & Company, Philadelphia, Pa. Iced Coffee. For Coffee. 51,885–6; Sept. 27.

Salerno-Megowen Biscuit Company, Chicago, Ill. Salerno Better Cookies. For Cookies. 51,887; Sept. 27.

Silver Star Bedding Co., Chicago, Ill. Beauty-Nite. For Mattresses. 51,888; Sept. 27.

Standard Industrial Products, Inc., Evansville, Ind. Cleen. For Waterless All-Purpose Cleaner. 51,889; Sept. 27.

Sudock, Net B., Philadelphia, Pa. Mode Crest Full Fashioned Hosiery. For Full Fashioned Hosiery. 51,890; Sept. 27.

Winton, Ralph, Company. (See Gaboff, Benjamin.)

Wright & McGill Co., Denver, Colo. Eagle Claw Hooks. For Snelled Hooks. 51,891; Sept. 27.

LIST OF REGISTRANTS OF PRINTS

Dentists' Supply Company of New York, The, New York, N. Y. Our District Manager. For Porcelain Dental Products. 17,051–3; Sept. 27.

Electric Soldering Iron Co., Inc., Deep River, Conn. Esico Soldering Irons. For Electric Soldering Irons. 17,054; Sept. 27.

Kidskin Guild, Philadelphia, Pa. Genuine Kidskin. For Genuine Kidskin. 17,055; Sept. 27.

Parke, Davis & Company, Detroit, Mich. Parke-Davis Professional Pharmacy Window Displays. For Pharmaceutical and Biological Products. 17,056; Sept. 27.

Parke, Davis & Company, Detroit, Mich. Parke-Davis Vitamin Products (Counter Arch Display). For Vitamin Products. 17,057; Sept. 27.

Premier-Pabst Sales Co., Peoria Heights, Ill. Pabst Good Taste for 94 Years, AD. No. 987. For Beer. 17,058; Sept. 27.

Premier-Pabst Sales Co., Peoria Heights, Ill. Pabst Good Taste for 95 Years, AD. No. 1,025. For Beer. 17,059; Sept. 27.

Premier-Pabst Sales Co., Peoria Heights, Ill. Worth Stopping for, AD. No. 4,621. For Beer. 17,060; Sept. 27.

Vital Products Company. (See Vitale, Samuel L.)

Vitale, Samuel L., doing business as Vital Products Company, Detroit, Mich. Zip Top. For Chocolate Topping Mix. 17,061; Sept. 27.

Vitale, Samuel L., doing business as Vital Products Company, Detroit, Mich. Zippy. For Malted Milk Drink. 17,062; Sept. 27.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 2

Containers, Shipping. A. C. Abbott. 360,791; Sept. 27; Serial No. 404,341; published June 14, 1938.

CLASS 4

Cleansing powder. Crown Products Corporation. 360,776; Sept. 27; Serial No. 403,720; published July 19, 1938.

Detergent and cleanser. Phosphate Mining Company. 360,737; Sept. 27; Serial No. 399,514; published July 19, 1938.

Preparation for cleaning window glass, Liquid. G. S. Brown, Jr. 360,734; Sept. 27; Serial No. 399,070; published July 12, 1938.

Soap and steel wool. Anglo Soap Corp. 360,909; Sept. 27.

Soaps, Toilet. Gerard Brothers Limited. 360,749; Sept. 27; Serial No. 401,737; published July 19, 1938.

CLASS 5

Adhesives, Resin type. Armstrong Cork Products Company. 360,745; Sept. 27; Serial No. 401,327; published July 12, 1938.

Core oil. E. F. Houghton & Co. 360,855; Sept. 27; Serial No. 406,291; published July 19, 1938.

CLASS 7

Banding, Mule. James H. Billington Co. 360,746; Sept. 27; Serial No. 401,551; published July 12, 1938.

CLASS 10

Fertilizer, Commercial. J. M. Murray. 360,876; Sept. 27; Serial No. 406,598; published July 12, 1938.
Fertilizers or plant food, Commercial. Virginia-Carolina Chemical Corporation. 360,886; Sept. 27; Serial No. 406,953; published July 12, 1938.

CLASS 12

Asphalts, Coating. Humble Oil & Refining Company. 360,803; Sept. 27; Serial No. 405,208; published July 19, 1938.
Bars, Rail-steel concrete reinforcement bars. Rail Steel Bar Association. 360,784; Sept. 27; Serial No. 404,136; published July 12, 1938.
Cement, Masonry. Marquette Cement Manufacturing Company. 360,831; Sept. 27; Serial No. 405,994; published July 19, 1938.
Cement, Portland. Universal Atlas Cement Company. 360,829; Sept. 27; Serial No. 405,973; published July 19, 1938.
Conduit, ducts, and pipes, etc. Fibre Conduit Company. 360,774; Sept. 27; Serial No. 403,449; published July 5, 1938.
Masts and poles. Polaris Limited. 360,805; Sept. 27; Serial No. 405,319; published July 19, 1938.
Material, Sound absorbent plastic. J. G. Britton. 360,826; Sept. 27; Serial No. 405,911; published July 19, 1938.
Weather strip. W. J. Dennis & Company. 360,730; Sept. 27; Serial No. 396,455; published July 19, 1938.
Weatherstrip. Raysteel Specialties, Inc. 360,769; Sept. 27; Serial No. 403,092; published July 12, 1938.
Window units, Factory fitted. Roach & Musser Company. 360,827; Sept. 27; Serial No. 405,937; published July 19, 1938.

CLASS 13

Chains. Vogue Slide Fastener Corp. 360,733; Sept. 27; Serial No. 398,863; published Mar. 1, 1938.
Rings for swine, Nose. Humane Hog Ring Company. 360,907; Sept. 27.

CLASS 15

Coatings of the nature of lubricating liquids and lubricating greases. Humble Oil & Refining Company. 360,804; Sept. 27; Serial No. 405,209; published July 19, 1938.
Grease. Eastman Kodak Company. 360,854; Sept. 27; Serial No. 406,284; published July 19, 1938.
Fuel, Liquid. Distillers Company Limited. 360,813; Sept. 27; Serial No. 405,488; published July 19, 1938.
Oil, Lubricating. United States Aviex Corporation. 360,760; Sept. 27; Serial No. 402,354; published July 5, 1938.
Oils and greases and gasoline, Lubricating. Globe Oil & Refining Company. 360,735; Sept. 27; Serial No. 399,229; published July 5, 1938.

CLASS 16

Paint enamel. Mound City Paint and Color Company. 360,823; Sept. 27; Serial No. 405,854; published July 19, 1938.
Paint, Semi-gloss. Mound City Paint and Color Company. 360,822; Sept. 27; Serial No. 405,853; published July 19, 1938.
Paints, paint enamels, lacquers, etc. Sherwin-Williams Co. 360,879; Sept. 27; Serial No. 406,733; published July 19, 1938.
Paints, varnishes, and paint enamels. General Paint & Varnish Co. 360,913; Sept. 27.
Varnish. Beauty Kote Corp. 360,824; Sept. 27; Serial No. 405,870; published July 19, 1938.
Varnish, Flat finish. Mound City Paint and Color Company. 360,859; Sept. 27; Serial No. 406,346; published July 19, 1938.
Wax and furniture polish, Floor. May Department Stores Company. 360,899; Sept. 27.

CLASS 19

Brake adjustment mechanism, Automobile. Super Brake-Floater Corp. 360,788; Sept. 27; Serial No. 404,235; published July 19, 1938.
Carriages, Baby. Storkline Furniture Corporation. 360,889; Sept. 27; Serial No. 407,115; published July 19, 1938.

CLASS 20

Floor coverings, Felt base. Carthage Mills Incorporated. 360,821; Sept. 27; Serial No. 405,843; published July 12, 1938.
Oilcloth. Standard Coated Products Corporation. 360,885; Sept. 27; Serial No. 406,889; published July 12, 1938.

CLASS 21

Electrically operated protective systems. Electro-Protective Corporation. 360,796; Sept. 27; Serial No. 404,696; published July 19, 1938.
Flashlights, Electric. United States Electric Mfg. Corporation. 360,750; Sept. 27; Serial No. 401,951; published July 19, 1938.
Lamps and lanterns and cases therefor, Electric hand Burgess Battery Company. 360,858; Sept. 27; Serial No. 406,328; published July 19, 1938.
Resistors, Electric. National Carbon Company. 360,779; Sept. 27; Serial No. 403,824; published July 19, 1938.
Vacuum cleaners, Electric. United Vacuum Cleaner Stores. 360,720; Sept. 27; Serial No. 389,048; published July 19, 1938.

CLASS 22

Dice or domino game table tops. C. H. Clark. 360,757–9; Sept. 27; Serial No. 402,287–9; published July 19, 1938.
Fishing rods and reels. Montague Rod and Reel Company. 360,839. Sept. 27; Serial No. 406,066; published June 21, 1938.
Game board. Autobridge, Inc. 360,891; Sept. 27; Serial No. 407,121; published July 19, 1938.

CLASS 23

Bits, dressing tools, and cutting tools, Diamond core. J. K. Smit & Sons, Inc. 360,846; Sept. 27; Serial No. 406,198; published July 19, 1938.
Dispensing apparatus and appliances, and gas filled tanks and cartridges. Auto Cream Whip Corporation. 360,722; Sept. 27; Serial No. 391,412; published Jan. 11, 1938.
Engines and parts thereof, Internal combustion. Syncro Devices, Incorporated. 360,811; Sept. 27; Serial No. 405,425; published July 19, 1938.
Engines and parts thereof, Internal combustion. Syncro Devises, Incorporated. 360,812; Sept. 27; Serial No. 405,426; published July 12, 1938.
Machines and parts thereof for dispensing beverages. F. J. T. Barnes. 360,866; Sept. 27; Serial No. 406,438; published July 19, 1938.
Openers, Can. Turner & Seymour Manufacturing Company. 360,874; Sept. 27; Serial No. 406,567; published July 19, 1938.
Printing presses. B. Verner & Company. 360,902; Sept. 27.
Razor blades and safety razors, Safety. Gillette Safety Razor Company. 360,904; Sept. 23.
Shavers, Dry. L. Strauss. 360,778; Sept. 27; Serial No. 403,791; published July 19, 1938.
Tools, Oil well drilling. Universal Engineering Co. 360,752; Sept. 27; Serial No. 402,038; published July 19, 1938.
Valves, Motor exhaust. Jadson Motor Products Co. 360,860; Sept. 27; Serial No. 406,364; published July 19, 1938.

CLASS 24

Ironing tables and tub benches, Foldable. Brewer-Titchener Corporation. 360,771; Sept. 27; Serial No. 403,302; published July 19, 1938.

CLASS 25

Catches, Door. C. L. Frost & Son. 360,781; Sept. 27; Serial No. 404,039; published July 19, 1938.
Lock sets. Lockwood Hardware Manufacturing Co. 360,849; Sept. 27; Serial No. 406,222; published July 12, 1938.

CLASS 26

Goggles and spectacles, Bathing. American Spectacle Co. 360,772; Sept. 27; Serial No. 403,389; published July 19, 1938.
Inclinometers. A. E. Ward. 360,897; Sept. 27.
Laboratory appliance, Aluminum. Fisher Scientific Company. 360,873; Sept. 27; Serial No. 406,550; published July 19, 1938.
Photographic projection printers. Gevaert Company of America, Inc. 360,843; Sept. 27; Serial No. 406,181; published July 19, 1938.
Position and direction determining apparatus, including homing devices. Ste. Anonyme Internationale de Telegraphie Sans Fil. 360,794–5; Sept. 27; Serial No. 404,663–4; published July 19, 1938.
Testers, Egg. Bundy Incubator Company. 360,751; Sept. 27; Serial No. 401,981; published July 19, 1938.
Thermometers, thermostats, thermo-regulators, etc. Accuracy Scientific Instrument Company. 360,864; Sept. 27; Serial No. 406,412; published July 19, 1938.

CLASS 28

Badges, lapel buttons; scarf, lapel, and breast pins; etc., Fraternity. Council of Delta Kappa Epsilon. 360,861; Sept. 27; Serial No. 406,374; published July 19, 1938.
Flatware and hollow ware, Silver and silver mounted. Towle Manufacturing Company. 360,869–70; Sept. 27; Serial No. 406,474–5; published July 19, 1938.
Flatware and hollow ware, Silver and silver mounted. Towle Manufacturing Company. 360,871–2; Sept. 27; Serial No. 406,477–8; published July 19, 1938.
Rings, Finger. J. A. Wolf. 360,863; Sept. 27; Serial No. 406,408; published July 19, 1938.
Tableware. Dodge, Incorporated. 360,790; Sept. 27; Serial No. 404,297; published July 12, 1938.

CLASS 32

Furniture, Infants', nursery, and juvenile. Storkline Furniture Corporation. 360,888; Sept. 27; Serial No. 407,114; published July 19, 1938.
Furniture, Kitchen. Mutschler Brothers Company. 360,718; Sept. 27; Serial No. 382,762; published July 19, 1938.

Mattresses. Chittenden & Eastman Company. 360,875; Sept. 27; Serial No. 406,580; published July 19, 1938.
Mattresses. John Wanamaker Philadelphia. 360,890; Sept. 27; Serial No. 407,118; published July 19, 1938.
Mattresses and bed springs. Brooks Brothers Upholstery Company. 360,912; Sept. 27.
Mattresses, pillows, box springs, etc. I. Magaril. 360,916–17; Sept. 27.
Shades, Window. Airway Shade Corporation. 360,877; Sept. 27; Serial No. 406,671; published July 19, 1938.
Springs, Bed. Foster Brothers Manufacturing Company. 360,893; Sept. 27; Serial No. 407,218; published July 19, 1938.
Springs, couches, and pillows, Box. R. C. Heller Co. 360,894; Sept. 27; Serial No. 407,225; published July 19, 1938.
Tables, Visible scoring bridge. Sho-Scor Corporation. 360,878; Sept. 27; Serial No. 406,695; published July 19, 1938.

CLASS 33

Glass, glass tubes, Raw. Jenaer Glaswerk Schott & Gen. 360,716; Sept. 27; Serial No. 370,160; published July 19, 1938.
Glass, glass tubes, Raw. Jenaer Glaswerk Schott & Gen. 360,717; Sept. 27; Serial No. 378,966; published July 19, 1938.

CLASS 34

Heaters, hot water heaters, circulating gas heaters, etc., Gas. National Butane Gas Company. 360,797; Sept. 27; Serial No. 404,862; published July 19, 1938.
Shades, Lamp. Luxor Studios, Inc. 360,898; Sept. 27.

CLASS 36

Piano accordions. May Department Stores Company. 360,905; Sept. 27.
Reeds. Progressive Musical Instrument Corporation. 360,742; Sept. 27; Serial No. 400,526; published July 19, 1938.

CLASS 37

Paper, fiber board, liner board, etc., Wrapping. Gaylord Container Corporation. 360,915; Sept. 27.

CLASS 38

Books. G. & C. Merriam Company. 360,832–3; Sept. 27; Serial Nos. 405,995–6; published July 19, 1938.
House organ. RCA Manufacturing Company. 360,727; Sept. 27; Serial No. 395,096; published Sept. 21, 1937.
Magazine. Association for the Advancement of Chiropractic. 360,865; Sept. 27; Serial No. 406,434; published July 19, 1938.
Magazine Department Store Publishing Corporation. 360,773; Sept. 27; Serial No. 403,400; published June 28, 1938.
Magazine. Fawcett Publications, Inc. 360,807; Sept. 27; Serial No. 405,351; published July 19, 1938.
Magazine. Jay Emanuel Publications, Inc. 360,816–17; Sept. 27; Serial Nos. 405,602–3; published July 19, 1938.
Magazine. Merwil Publishing Co. Inc. 360,705; Sept. 27; Serial No. 402,431; published July 1, 1938.
Magazine section. Meredith Publishing Company. 360,868; Sept. 27; Serial No. 406,461; published July 19, 1938.
Newspaper. Monday Morning Publisher Inc. 360,777; Sept. 27; Serial No. 404,770; published July 19, 1938.
Newspaper or periodical. Nored Corporation. 360,787; Sept. 27; Serial No. 404,229; published July 12, 1938.
Prints, Offset. O. F. Kintzel. 360,856; Sept. 27; Serial No. 406,295; published July 19, 1938.
Publication. F. E. Bechmann. 360,867; Sept. 27; Serial No. 406,440; published July 19, 1938.
Publication. Chilton Company. 360,842; Sept. 27; Serial No. 406,176; published July 19, 1938.
Publication, Monthly. First National Television, Inc. 360,721; Sept. 27; Serial No. 390,577; published Aug. 10, 1937.
Publications. The Bureau of National Affairs, Incorporated. 360,819; Sept. 27; Serial No. 405,685; published July 19, 1938.

CLASS 39

Apparel, Articles of wearing. B. V. D. Corporation. 360,848; Sept. 27; Serial No. 406,207; published July 12, 1938.
Apparel, Wearing. R. Krantz. 360,747; Sept. 27; Serial No. 401,671; published July 19, 1938.
Coats and suits. J. L. Hudson Company. 360,844; Sept. 27; Serial No. 406,184; published July 12, 1938.
Coats of rubberized waterproof material, Boys' and girls'. United States Rubber Products, Inc. 360,857; Sept. 27; Serial No. 406,305; published July 12, 1938.
Coats, vests, pants, etc. Cohen, Goldman & Co. Inc. 360,798; Sept. 27; Serial No. 404,935; published June 28, 1938.
Dresses. Groblue Knitting Mills, Inc. 360,800; Sept. 27; Serial No. 405,160; published June 28, 1938.
Dresses. Sears, Roebuck and Co. 360,810; Sept. 27; Serial No. 405,412; published June 28, 1938.
Dresses. Sheila-Lynn, Inc. 360,820; Sept. 27; Serial No. 405,704; published July 5, 1938.
Dresses, frocks, pajamas, etc. Jos. S. Cohen & Sons Co. 360,852; Sept. 27; Serial No. 406,240; published July 12, 1938.
Dresses, jackets, skirts, etc. Star-Maid Dresses Inc. 360,770; Sept. 27; Serial No. 403,188; published June 28, 1938.
Dresses, Misses' and juniors'. E. Janowitz. 360,792; Sept. 27; Serial No. 404,530; published July 12, 1938.
Furs, dresses, hosiery, etc., Women's and misses'. Bonwit Teller, Inc. 360,835; Sept. 27; Serial No. 406,013; published July 19, 1938.
Garments. Garfinkel & Ritter. 360,768; Sept. 27; Serial No. 403,005; published July 19, 1938.
Girdles, corselets, and pantie-girdles. A. J. Donahue Corporation. 360,836; Sept. 27; Serial No. 406,016; published July 19, 1938.
Hats, Ladies', misses', and children's. B. Workman. 360,847; Sept. 27; Serial No. 406,205; published July 19, 1938.
Hosiery. Clear Weave Hosiery Stores, Inc. 360,814; Sept. 27; Serial No. 405,550; published July 5, 1938.
Hosiery. Greenfield Wholesale Co. 360,728; Sept. 27; Serial No. 395,172; published July 12, 1938.
Hosiery. Sears, Roebuck and Co. 360,834; Sept. 27; Serial No. 406,003; published July 5, 1938.
Jackets and parkas, Sport. Congress Shirt Company. 360,780; Sept. 27; Serial No. 403,858; published July 5, 1938.
Jackets and parkas, Sport. Congress Shirt Company. 360,785; Sept. 27; Serial No. 404,162; published June 28, 1938.
Pajamas. La Paree Undergarment Co. 360,825; Sept. 27; Serial No. 405,880; published July 12, 1938.
Playsuits, Women's and misses'. Loomtogs, Inc. 360,828; Sept. 27; Serial No. 405,964; published June 28, 1938.
Shirts and vests, Infants' and children's. Earnshaw Knitting Company. 360,903; Sept. 27.
Shirts; jackets; mackinaws, etc., Men's flannel. Cohen-Fein Company. 360,789; Sept. 27; Serial No. 404,293; published July 12, 1938.
Shirts, Negligee. S. Liebovitz & Sons, Inc. 360,786; Sept. 27; Serial No. 404,177; published June 28, 1938.
Shoes. J. & J. Slater, Inc. 360,837–8; Sept. 27; Serial No. 406,031–2; published July 19, 1938.
Shorts, beach-pants, overalls, etc. Imperial Hosiery Company. 360,755; Sept. 27; Serial No. 402,189; published July 5, 1938.
Slips, nightgowns, pajamas, panties, etc., Ladies. Milo Undergarment Co. 360,715; Sept. 27; Serial No. 362,036; published May 7, 1935.
Slips, underwear, panties, etc., Ladies'. Continental Undergarment Co. 360,775; Sept. 27; Serial No. 403,540; published July 12, 1938.
Suits, topcoats, and overcoats, Men's. J. L. Hudson Company. 360,845; Sept. 27; Serial No. 406,185; published July 12, 1938.
Sweaters. Triboro Knitting Mills, Inc. 360,723; Sept. 27; Serial No. 391,830; published June 28, 1938.
Sweaters and bathing suits, Knitted. U. S. Knitwear Co. 360,808; Sept. 27; Serial No. 405,375; published June 28, 1938.
Sweaters, Knitted. Friendly Knitting Mills, Inc. 360,802; Sept. 27; Serial No. 405,203; published June 28, 1938.
Sweaters, suits, and skirts, Knitted. Herald Knitwear Co. Inc. 360,782; Sept. 27; Serial No. 404,044; published July 12, 1938.
Topcoats and overcoats. Levy Bros. & Adler Rochester, Incorporated. 360,815; Sept. 27; Serial No. 405,560; published July 5, 1938.

CLASS 40

Hair curlers and hair removers. Glemby Company. 360,753; Sept. 27; Serial No. 402,124; published July 19, 1938.
Novelties. O. Regen Manufacturing Co. 360,724; Sept. 27; Serial No. 392,552; published July 19, 1938.

CLASS 42

Bedspreads, hand-made and machine-made. Kenner, Brockman & Schloss, Inc. 360,882; Sept. 27; Serial No. 406,809; published July 19, 1938.
Carpets and rugs. Magee Carpet Company. 360,761–3; Sept. 27; Serial Nos. 402,398–400; published July 19, 1938.
Carpets and rugs. Magee Carpet Company. 360,764; Sept. 27; Serial No. 402,402; published July 19, 1938.
Cotton piece goods. Pharis Tire and Rubber Company. 360,914; Sept. 27.
Piece goods. S. Augstein & Co. 360,853; Sept. 27; Serial No. 406,275; published July 19, 1938.
Piece goods. Henry A. Dix & Sons Corporation. 360,732; Sept. 27; Serial No. 398,240; published July 19, 1938.
Piece goods. International Looms Inc. 360,766; Sept. 27; Serial No. 402,479; published July 19, 1938.
Piece goods. Marvlo Mills, Inc. 360,850; Sept. 27; Serial No. 406,223; published July 19, 1938.
Piece-goods. J. Rosenholz Inc. 360,911; Sept. 27.
Rayon and acetate cloth. Chopak Textile Co. Inc. 360,910; Sept. 27.
Sheets, pillow cases, towels, etc., Bed. Buckley Newhall Company. 360,806; Sept. 27; Serial No. 405,341; published July 19, 1938.
Towels. Bloomingdale Bros., Inc. 360,841; Sept. 27; Serial No. 406,113; published July 19, 1938.
Towels. S. E. Rains Co. Inc. 360,851; Sept. 27; Serial No. 406,226; published July 19, 1938.

CLASS 43

Thread and yarn. J. A. Carp's Garenfabrieken N. V. 360,793; Sept. 27; Serial No. 404,631; published July 5, 1938.
Yarns. Hacker Import Corporation. 360,818; Sept. 27; Serial No. 405,644; published July 5, 1938.

CLASS 44

Dresses and housecoats, Women's wash. Bernard Dress Mfg. Co. 360,840; Sept. 27; Serial No. 406,110; Sept. 27; Serial No. 406,110; published July 5, 1938.
Sanitary napkins and belts, and absorbent cotton. Hearn Department Stores, Inc. 360,754; Sept. 27; Serial No. 402,183; published July 19, 1938.
Sterilizing receptacles for artificial dentures. Kleen-O-Dent Laboratories, Inc. 360,743; Sept. 27; Serial No. 400,910; published July 19, 1938.
Wave apparatus and solutions sold as a unit, Permanent. Halgar, Inc. 360,830; Sept. 27; Serial No. 405,987; published July 19, 1938.

CLASS 45

Beverage, and sirup and extract for making the same. Carl H. Schultz Corporation. 360,908; Sept. 27.
Beverages and sirups and extracts for making the same. L. Steinberger & Sons, Inc. 360,739; Sept. 27; Serial No. 399,738; published June 28, 1938.

CLASS 46

Apples, Fresh. Estate of W. S. Dwinnell. 360,741; Sept. 27; Serial No. 400,496; published July 19, 1938.
Avocados, Fresh. E. Johnston. 360,809; Sept. 27; Serial No. 405,393; published July 19, 1938.
Baking soda. Church & Dwight Co. Inc. 360,880–1; Sept. 27; Serial No. 406,748–9; published July 19, 1938.
Bread, rolls, buns, etc. C. C. Frantz. 360,744; Sept. 27; Serial No. 401,141; published July 19, 1938.
Candy. L. Eichmann. 360,887; Sept. 27; Serial No. 406,965; published July 19, 1938.
Canned goods. Waples Platter Company. 360,725; Sept. 27; Serial No. 392,901; published July 19, 1938.
Canned sauerkraut and canned sauerkraut juice. Frank Pure Food Company. 360,748; Sept. 27; Serial No. 401,733; published July 19, 1938.
Canned vegetables. Hanover Canning Company. 360,767; Sept. 27; Serial No. 402,683; published July 19, 1938.
Chocolate and malt flavored powder. Societe Menier. 360,799; Sept. 27; Serial No. 405,040; published July 5, 1938.
Coffee. Martin Bros. Co. 360,900; Sept. 27.
Confections, Frozen. Joe Lowe Corporation. 360,862; Sept. 27; Serial No. 406,394; published July 19, 1938.
Exract, baking powder, barley, etc., Almond. R. H. Macy & Co. 360,801; Sept. 27; Serial No. 405,171; published July 19, 1938.
Feed for poultry and livestock, Mixed. Farm Bureau Cooperative Association, Inc. 360,731; Sept. 27; Serial No. 397,074; published July 19, 1938.
Food, Cat. Rival Packing Company. 360,883; Sept. 27; Serial No. 406,828; published July 19, 1938.
Fruits, Fresh citrus. Bayview Citrus Association. 360,736; Sept. 27; Serial No. 399,286; published July 19, 1938.
Fruits, Fresh citrus. Stuart Place Citrus Association. 360,738; Sept. 27; Serial No. 399,688; published July 19, 1938.
Fruits, Fresh citrus. Toland & Donald. 360,740; Sept. 27; Serial No. 400,137; published July 19, 1938.
Peanut brittle. S. Priestley. 360,783; Sept. 27; Serial No. 404,183; published July 19, 1938.
Pears, Fresh. Crystal Springs Packing Co. 360,906; Sept. 27.
Popcorn and prepared popcorn. Hudelson Sales Corporation. 360,756; Sept. 27; Serial No. 402,263; published July 19, 1938.
Tea, coffee, cocoa, and chocolate. Higgins & Burke Limited. 360,896; Sept. 27.

CLASS 48

Beer. Louis Ziegler Brewing Company. 360,892; Sept. 27; Serial No. 407,208; published July 19, 1938.
Beer. South Bend Brewing Company. 360,726; Sept. 27; Serial No. 393,396; published Aug. 24, 1937.

CLASS 49

Whiskey. Philip Blum & Company. 360,719; Sept. 27; Serial No. 389,718; published July 19, 1938.
Whiskey. Brown-Forman Distillery Company. 360,895; Sept. 27; Serial No. 407,259; published July 26, 1938.
Whiskey, gin, rum, etc. W. Solomon. 360,884; Sept. 27; Serial No. 406,834; published July 19, 1938.
Whiskies. Hamburger Company. 360,901; Sept. 27.
Whiskies, gins, and alcoholic cordials. Kraus Bros. & Co. 360,918; Sept. 27.
Whisky, Scotch. Wm. Sanderson & Son. 360,729; Sept. 27; Serial No. 396,015; published July 19, 1938.

LIST OF LABELS

Ada Milling Company Food Products, (Red, Yellow, and Brown Field Flowers, with Green Foliage, on a White Background). For Food Products. Ada Milling Company. 51,845; Sept. 27.
Ada Milling Company Food Products, (Floral Pattern: Flowers, with Buds and Foliage, in Yellow, Red, Blue, Lavender, Green, and Black on a White Background). For Food Products. Ada Milling Company. 51,846; Sept. 27.
Ada Milling Company Food Products, (Autumn Leaves in Brown, Yellow, and Green, also Flowers and Buds of Green, Yellow and Red, on White Background). For Food Products. Ada Milling Company. 51,847; Sept. 27.
Ada Milling Company Food Products, (Mexican Pattern: Cactus, Sombreros, Pottery, Musical Instruments, Palm Trees, Ships and Water, etc.). For Food Products. Ada Milling Company. 51,848; Sept. 27.
Ada Milling Company Food Products, (Floral Pattern: Small Bunches of Flowers Some in Black, Others in Black, Green, Purple and Yellow. The Background is White). For Food Products. Ada Milling Company. 51,849; Sept. 27.
Ada Milling Company Food Products, (Floral Pattern: Field Flowers in Red, Green, Blue and Yellow; also Mushrooms in the Same Colors, etc.). For Food Products. Ada Milling Company. 51,850; Sept. 27.
Ada Milling Company Food Products, (Fiesta Pattern: Flowers and Foliage in Red, Yellow, Green, and Dark Blue. These are so Arranged as to Form a Not Too Definite Stripe. Background, White). For Food Products. Ada Milling Company. 51,851; Sept. 27.
Ada Milling Company Food Products, (Mexican Pattern: Mexican Pottern, Adobe Houses, Donkey-Drawn Carts, Lassos, Spurs, Cactus, etc.). For Food Products. Ada Milling Company. 51,852; Sept. 27.
Ada Milling Company Food Products, (Floral Pattern: Large Red Flowers with Green Centers, Yellow Flowers with Green Centers, Smaller Blue, etc.). For Food Products. Ada Milling Company. 51,853; Sept. 27.
Ada Milling Company Food Products, (Striped Pattern: Large "Border Stripe" Complete Length of One Side of the Material. This Stripe, etc.). For Food Products. Ada Milling Company. 51,854; Sept. 27.
Ada Milling Company Food Products. (Borderlin Pattern: a Border of Straight Lines and Flowers, Down Each Side of the Material, etc.). For Food Products. Ada Milling Company. 51,855; Sept. 27.
Anestex Injectubes Containing Procaine-Epinephrine. For Local Anesthetic. D. Curtis. 51,868; Sept. 27.
Aquasein. For Interior Paint. Atlantic Calsomine Co. 51,857; Sept. 27.
Austernal All Porcelain. For Porcelain Dentures. Austernal Laboratories, Inc. 51,858; Sept. 27.
Beauty-Nite. For Mattresses. Silver Star Bedding Co. 51,888; Sept. 27.
Bon Ton (Blue Diamond). For Bread. Bon Ton Baking Company. 51,859; Sept. 27.
Bon Ton Booster. For Bread. Bon Ton Baking Company. 51,860; Sept. 27.
Bon Ton (Red Diamond). For Bread. Bon Ton Baking Company. 51,861; Sept. 27.
Century Bonded. For Straight Bourbon Whiskey. Century Distilling Company. 51,866; Sept. 27.
Clear-I. For Drops for Granulated Eyelids, Weak Eyes, Inflamed Eyelids and Common Sore Eyes. W. Christensen. 51,867; Sept. 27.
Cleen. For Waterless All-Purpose Cleaner. Standard Industrial Products, Inc. 51,889; Sept. 27.
Continental. For Heaters. R. Merfish. 51,882; Sept. 27.
Dic-A-Daily. For a Cleanser and Water Softener. Patent Cereals Company. 51,884; Sept. 27.
Eagle Claw Hooks. For Snelled Hooks. Wright & McGill Co. 51,891; Sept. 27.
Elixer Polyenzymes. For an Elixer. B. Gaboff. 51,872; Sept. 27.
Esico Themostatic Control Stand. For Thermostatic Control Stands. Electric Soldering Iron Co. Inc. 51,870; Sept. 27.
Gilbert Kaster Kit. For Casting Outfits. A. C. Gilbert Company. 51,876; Sept. 27.
Ice Coffee. For Coffee. Thomas M. Royal & Company. 51,885–6; Sept. 27.
Johnson's Quick Drying Linoleum Varnish. For Quick Drying Linoleum Varnish. S. C. Johnson & Son, Inc. 51,878; Sept. 27.
Johnson's 76 Varnish. For Varnish. S. C. Johnson & Son, Inc. 51,879; Sept. 27.
Johnson's Traffic-Cote. For a Finish for Linoleum and Wood Floors. S. C. Johnson & Son, Inc. 51,880; Sept. 27.
Kaskaquin. For a Preparation for the Treatment of Colds. Kaskaquin Co. 51,881; Sept. 27.
London Handkerchiefs. For Handkerchiefs. Globe Novelty House. 51,877; Sept. 27.

Mode Crest Full Fashioned Hosiery. For Full Fashioned Hosiery. N. B. Sudock. 51,890; Sept. 27.
New Trubridge Anteriors. For Artificial Teeth for Cast Bridgework and Partial Dentures. Dentists' Supply Company of New York. 51,869; Sept. 27.
Nun's Permanently Mothproof. For Knitting Yarns. T. Buettner & Co. Inc. 51,864; Sept. 27.
Old Home. For Bread. Bon Ton Baking Company. 51,862; Sept. 27.
Pepsogen. For a Medicinal Preparation. G. A. Allen. 51,856; Sept. 27.
Polyvitamins. For Capsules Containing Vitamins. B. Gaboff. 51,872; Sept. 27.
Rheumart. For Capsules Prepared Especially as an Aid in the Treatment of Rheumatism, Neuritis, Arthritis and Kindred Ailments. H. F. Carroll. 51,865; Sept. 27.
Salerno Better Cookies. For Cookies. Salerno-Megowen Biscuit Company. 51,887; Sept. 27.
Sperry Pancake and Waffle Flour. For Pancake and Waffle Flour. General Mills, Inc. 51,874; Sept. 27.
Sperry Wheat Hearth. For Cereal Food. General Mills, Inc. 51,875; Sept. 27.
The Cobweb. For Silk Hosiery. National Shoe Stores, Inc. 51,883; Sept. 27.
The Elastic Hair Hat Band. For Hat Bands. G. H. S. Corporation. 51,871; Sept. 27.
Vip Vitalizing Skin Cream. For Skin Cream. B. L. Brown. 51,863; Sept. 27.

LIST OF PRINTS.

Esico Soldering Irons. For Electric Soldering Irons. Electric Soldering Iron Co. 17,054; Sept. 27.
Genuine Kidskin. For Genuine Kidskin. Kidskin Guild. 17,055; Sept. 27.
Our District Manager, For Porcelain Dental Products. Dentists' Supply Company of New York. 17,051–3; Sept. 27.
Pabst Good Taste for 94 Years, Ad. No. 987. For Beer. Premier-Pabst Sales Co. 17,058; Sept. 27.
Pabst Good Taste for 94 Years, AD. No. 1,025. For Beer. Premier-Pabst Sales Co. 17,059; Sept. 27.
Parke-Davis Professional Pharmacy Window Displays. For Pharmaceutical and Biological Products. Parke, Davis & Company. 17,056; Sept. 27.
Parke-Davis Vitamin Products (Counter Arch Display). For Vitamin Products. Parke, Davis & Company. 17,057; Sept. 27.
Worth Stopping for, AD. No. 4,621. For Beer. Premier-Pabst Sales Co. 17,060; Sept. 27.
Zip Top. For Chocolate Topping Mix. S. L. Vitale. 17,061; Sept. 27.
Zippy. For Malted Milk Drink. S. L. Vitalé. 17,062; Sept. 27.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 27TH DAY OF SEPTEMBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Merriam, Edmund S., Marietta, Ohio. Preformed abrasive article and making same. Re. 20,868; Sept. 27.

LIST OF DESIGN PATENTEES

Abbate, Jacob, New York, N. Y. Dress. 111,557; Sept. 27.

Abbate, Jacob, New York, N. Y. Dress. 111,531; Sept. 27.

Alper, Abraham, New York, N. Y. Coat. 111,483; Sept. 27.

American Seating Company. (See Bond, Willard H., Jr., assignor.)

Bauer Type Foundry, Inc., The. (See Schneidler, Frederick H. E., assignor.)

Beeber, Jack, New York, N. Y. Physician's equipment cabinet. 111,503; Sept. 27.

Bennett, Arthur J., Cambridge, Ohio. Oyster server plate or similar article. 111,504; Sept. 27.

Bennett, Edna C., New York, N. Y. Belt. 111,532; Sept. 27.

Biel, Edward J., Brookline, Mass. Moccasin or similar article. 111,484; Sept. 27.

Binks Manufacturing Company. (See Tammen, Glenn W., assignor.)

Bond, Willard H., Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 111,485; Sept. 27.

Bond, Willard H., Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 111,505; Sept. 27.

Brannan, Paul M. (See Janca, J. J., and Brannan.)

Burton-Dixie Corporation. (See Wesley, Arthur, assignor.)

Chicago Electric Manufacturing Company. (See Preston, Edward S., assignor.)

Christian, Anthony J., Chicago, Ill. Casket handle. 111,506; Sept. 27.

Cooper, Allyn R., assignor to Cooper Manufacturing Company, Marshalltown, Iowa. Power lawn mower or similar article. 111,507; Sept. 27.

Cooper Manufacturing Company. (See Cooper, Allyn R., assignor.)

Corcoran, William, San Francisco, Calif. Phonograph cabinet. 111,508; Sept. 27.

Cribben and Sexton Company. (See Guyer, Edward R., assignor.)

Delman, Herman B., New York, N. Y. Shoe. 111,509; Sept. 27.

Dewhurst, Wallace W., Haddon Heights, N. J., assignor to Radio Corporation of America. Resonance indicator. 111,533; Sept. 27.

Dixon, Joseph, Crucible Company. (See Van Dorn, Horace B., assignor.)

Duart Manufacturing Company. (See Schleimer, Floyd V., assignor.)

Duncan, Harry F., assignor to Little Tavern Shops, Inc., Washington, D. C. Building. 111,534; Sept. 27.

Eldman, Guy G., assignor to Eldman Scale Corporation, Houston, Tex. Combined weighing scale and vending device. 111,510; Sept. 27.

Eldman Scale Corporation. (See Eldman, Guy G., assignor.)

Electrolux Corporation. (See Guild, Lurelle, assignor.)

Emerson Electric Mfg. Co., The. (See Janca, J. J., and Brannan, assignors.)

Erie Manufacturing Company. (See Poncher, Louis S., assignor.)

Farny, Cyril, Geneva, assignor to The Rudolph Wurlitzer Company, DeKalb, Ill. Accordion. 111,486; Sept. 27.

Fazio, Vincent, Brooklyn, N. Y. Handkerchief. 111,487; Sept. 27.

Feldman, Manuel, New York, N. Y. Rug. 111,488; Sept. 27.

Fischer, Charles, Newark, N. J. Handle for kitchen utensils and the like. 111,489; Sept. 27.

Florman, Irving, New York, N. Y. Combined key ring and flashlight. 111,535; Sept. 27.

Fox, Alexander P., University City, assignor to Lincoln Engineering Company, St. Louis, Mo. Servicing apparatus or the like for filling stations. 111,511; Sept. 27.

Geller, Harry, New York, N. Y. Shoe. 111,490; Sept. 27.

Graff, George R., Toledo, assignor to The Henkel-Clauss Company, Fremont, Ohio. Toilet article case. 111,536; Sept. 27.

Graff, George R., Toledo, assignor to The Henkel-Clauss Company, Fremont, Ohio. Toilet article case. 111,537; Sept. 27.

Graff, George R., Toledo, assignor to The Henkel-Clauss Company, Fremont, Ohio. Toilet article case. 111,538; Sept. 27.

Graff, George R., Toledo, assignor to The Henkel-Clauss Company, Fremont, Ohio. Toilet article case. 111,539; Sept. 27.

Guhl, Maclyn, New York, N. Y. Textile fabric. 111,491; Sept. 27.

Guild, Lurelle, Darien, Conn., assignor, by mesne assignments, to Electrolux Corporation, Dover, Del. Cover for a vacuum cleaner or similar article. 111,512; Sept. 27.

Guyer, Edward R., Hinsdale, assignor to Cribben and Sexton Company, Chicago, Ill. Gas range electric lamp. 111,540; Sept. 27.

Guyon, Yvonne, New York, N. Y. Dress. 111,558; Sept. 27.

Guzy, Aaron, New York, N. Y. Dress. 111,559; Sept. 27.

Hassenfeld, Henry, Providence, R. I. Combined display card and pencil. 111,492; Sept. 27.

Henkel-Clauss Company, The. (See Graff, George R., assignor.)

Herzog, Joseph L., New York, N. Y. Finger ring or similar article. 111,493; Sept. 27.

Hohner, M., Inc. (See Vassos, John, assignor.)

Holmgren, Axel, Trelleborg, Sweden. Stopper or similar article. 111,541; Sept. 27.

Illinois Watch Case Company. (See Wewetzer, Albert, assignor.)

International Silver Company. (See Kintz, Alfred G., assignor.)

Jagosz, Walter, Detroit, Mich. Combined desk, bookcase and radio cabinet. 111,513; Sept. 27.

Jagosz, Walter, Detroit, Mich. Combined radio cabinet, phonograph cabinet and desk. 111,514; Sept. 27.

James Manufacturing Company. (See Kreutzer, Frederick J., assignor.)

Janca, Joseph J., and P. M. Brannan, assignors to The Emerson Electric Mfg. Co., St. Louis, Mo. Air circulator. 111,542; Sept. 27.

Kintz, Alfred G., Wallingford, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 111,515; Sept. 27.

Kreutzer, Frederick J., assignor to James Manufacturing Company, Fort Atkinson, Wis. Roof ventilator. 111,516; Sept. 27.

Kushner, Jacob J., New York, N. Y. Dress. 111,543; Sept. 27.

Leishman, Le Roy J., Los Angeles, Calif. Escutcheon plate for a combined radio tuning dial and control panel, or the like. 111,517; Sept. 27.

Lelong, Lucien, Paris, France, assignor to Lucien Lelong, Inc., Chicago, Ill. Stand for perfume bottles. 111,518; Sept. 27.

Lelong, Lucien, Inc. (See Lelong, Lucien, assignor.)

Lincoln Engineering Company. (See Fox, Alexander P., assignor.)

Little, Charles D., Chattanooga, Tenn. Automobile reflector device. 111,544; Sept. 27.

Little Tavern Shops, Inc. (See Duncan, Harry F., assignor.)

Machanoff, Ben, New York, N. Y. Dress. 111,560; Sept. 27.

Madan, Edward K., Maplewood, N. J. Sunglasses. 111,494; Sept. 27.

Madan, Edward K., Maplewood, N. J. Sunglasses. 111,495; Sept. 27.

Madsen, Soren, Bergenfield, N. J. Turnstile. 111,545; Sept. 27.

Mann, Leo, Providence, R. I. Combined bottle display group and container therefor. 111,546; Sept. 27.

Markley, Joseph M., Jr., et al. (See Niederhauser, Robert J., assignor.)

Markley, Myron D., et al. (See Niederhauser, Robert J., assignor.)

Marks, Murray J., New York, N. Y. Hat. 111,496; Sept. 27.

Martin, John D., Capels, W. Va. Miner's tool. 111,497; Sept. 27.
McCune, Herman A., Boston, Mass. Bookcase. 111,519; Sept. 27.
McDerment, James H., assignor to The Swartwout Company, Cleveland, Ohio. Rotary ventilator. 111,547; Sept. 27.
Morris, Abraham H., New York, N. Y. Dress or similar article. 111,548; Sept. 27.
National Silver Deposit Ware Co. (See Solomon, Abraham, assignor.)
Niederhauser, Robert J., Chicago, Ill., assignor to M. D. Markley and J. M. Markley, Jr., Canton, Ohio. Casing for a recording machine. 111,520; Sept. 27.
Pacific Hair Goods Company. (See Schleimer, Floyd V., assignor.)
Perlmutter, Henry A., New York, N. Y. Lamp base or similar article. 111,549; Sept. 27.
Persons, Charles A., assignor to Persons-Majestic Manufacturing Company, Worcester, Mass. Light-reflecting road marker. 111,550; Sept. 27.
Persons-Majestic Manufacturing Company. (See Persons, Charles A., assignor.)
Poncher, Louis S., assignor to Erie Manufacturing Company, Inc., Chicago, Ill. Vertical bumper. 111,521; Sept. 27.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Washing machine. 111,523; Sept. 27.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Washing machine. 111,524; Sept. 27.
Preston, Edwin H., Tampa, Fla. Wall plant pot. 111,522; Sept. 27.
Radio Corporation of America. (See Dewhurst, Wallace W., assignor.)
Reich, Samuel, Chicago, Ill. Dress ensemble. 111,561; Sept. 27.
Rockola, David C., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Motor-scooter. 111,525; Sept. 27.
Rock-Ola Manufacturing Corporation. (See Rockola, David C., assignor.)
Schleimer, Floyd V., assignor to Duart Manufacturing Company, Ltd., formerly Pacific Hair Goods Company, Ltd., San Francisco, Calif. Combined hood and casing for a hair and scalp steamer. 111,551; Sept. 27.
Schneidler, Frederick H. E., Stuttgart, Germany, assignor to The Bauer Type Foundry, Inc., New York, N. Y. Printing type font. 111,552; Sept. 27.
Schwab, David E., New York, N. Y. Scarf or similar article. 111,498; Sept. 27.
Shapiro, Benjamin, New York, N. Y. Dress. 111,562; Sept. 27.
Shotland, Abraham, New York, N. Y. Coat. 111,499; Sept. 27.
Silverman, Jacob A., New York, N. Y. Suit. 111,553; Sept. 27.
Solomon, Abraham, assignor to National Silver Deposit Ware Co., Inc., New York, N. Y. Cocktail shaker. 111,500; Sept. 27.
Sterling Textile Printers, Inc. (See Wortman, Arthur, assignor.)
Stone, Mollie, New York, N. Y. Dress ensemble. 111,563; Sept. 27.
Swartwout Company, The. (See McDerment, James H., assignor.)
Tammen, Glenn W., assignor to Binks Manufacturing Company, Chicago, Ill. Spray gun or the like. 111,526; Sept. 27.
Troth, Walter A., Brooklyn, N. Y. Game disk. 111,527; Sept. 27.
Van Dorn, Horace B., Maplewood, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Combined eraser and pencil tip. 111,554; Sept. 27.
Vassos, John, New Canaan, Conn., assignor to M. Hohner, Inc., New York, N. Y. Accordion. 111,555; Sept. 27.
Walter, William, New York, N. Y. Belt or similar article. 111,556; Sept. 27.
Wesley, Arthur, assignor to Burton-Dixie Corporation, Chicago, Ill. Sun chaise. 111,501; Sept. 27.
Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Vanity case. 111,528; Sept. 27.
Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Vanity case. 111,529; Sept. 27.
Wortman, Arthur, West New York, N. J., assignor to Sterling Textile Printers, Inc., New York, N. Y. Textile fabric or similar article. 111,502; Sept. 27.
Wuischpard, Alphonse, Plandome, N. Y. Wrist watch case. 111,530; Sept. 27.
Wurlitzer, Rudolph, Company, The. (See Farny, Cyril, assignor.)

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 27TH DAY OF SEPTEMBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Terminal structure. 2,131,577; Sept. 27.
Accumulatoren-Fabrik A.-G. (See Lange, A. E., Langguth, Breuning, and Dassler, assignors.)
Achterfeldt, Carl A., Dusseldorf, Germany. Gas Burner. 2,131,701; Sept. 27.
Adams, John J. (See Stone, Walter I., assignor.)
Adams, William J., Santa Cruz, assignor to W. J. Adams, Inc., Stockton, Calif. Scraper. 2,131,421; Sept. 27.
Adams, W. J., Inc. (See Adams, William J., assignor.)
Alba Pharmaceutical Company. (See Leffert, H., and Woldman, assignors.)
Aldeen, Gedor W., Rockford, Ill., and C. Madsen, assignors, by mesne assignments, to Curtis Companies Incorporated, Clinton, Iowa. Link chain. 2,131,261; Sept. 27.
Alderman, Brayton A., Atlanta, Ga. Visible bidder. 2,131,132; Sept. 27.
Alexander, Samuel, Hartford, Conn. Pillow rest. 2,131,609; Sept. 27.
Allen, Charles M., Miles City, Mont. Lamb-coat. 2,131,495; Sept. 27.
Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote indication apparatus. 2,131,208; Sept. 27.
Almen, John O., Royal Oak, and H. Hawkins, Highland Park, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Control for variable speed power transmissions. 2,131,157; Sept. 27.
Almen, John O., Royal Oak, and J. Ehrlich, Detroit, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Continuously variable transmission. 2,131,158; Sept. 27.
Almen, John O., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Cooling transmission rollers. 2,131,159; Sept. 27.
Alstadt, Benjamin E., and S. R. Factor, New York, N. Y. Marionette figure. 2,131,209; Sept. 27.
Aluminum Company of America. (See Nock, Joseph A., Jr., assignor.)
American Brass Company, The. (See Jennison, Herbert C., assignor.)
American Can Company. (See Lewis, John L., assignor.)
American Car and Foundry Company. (See Johnson, Warren V., assignor.)
American Car and Foundry Company. (See Johnson, W. V., and Kepner, assignors.)
American Car and Foundry Company. (See Thompson, J. B. D., and Udstad, assignors.)
American Cyanamid Company. (See Hedley, Norman, assignor.)
American Lurgi Corporation. (See Jordan, Paul, assignor.)
American Mine Door Company, The. (See Curney, Albert J., assignor.)
American Oxythermic Corporation. (See Fränkl, Mathias, assignor.)
American Safety Razor Corporation. (See Dalkowitz, Godfrey, assignor.)
American Securit Company, The. (See Long, Bernard, assignor.)
American Securit Company, The. (See Mosmieri, L., and Dal Pino, assignors.)
American Smelting and Refining Company. (See Lind, John H., assignor.)
American Steel Foundries. (See Cottrell, Robert B., assignor.)
Ames, Raymond A., Beaumont, L. D. Barner and C. E. Nelson, Houston, Tex. Taper boring machine. 2,131,468; Sept. 27.
Amsterdam, Harry, Falls Church, Va. Game and apparatus therefor. 2,131,653; Sept. 27.
Anaconda Copper Mining Company. (See Smith, Cyril S., assignor.)
Anderson, Alvin P., Alton, Ill., assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2,131,422; Sept. 27.
Anderson, Walter A., Rockford, Ill., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Computing machine. 2,131,361; Sept. 27.
Anderton, Benjamin A., Grantwood, N. J., assignor to The Barrett Company, New York, N. Y. Bituminous cement. 2,131,085; Sept. 27.
Andrus, Zelta M. (See Becker, A. S., and Andrus.)
Anemostat Corporation of America. (See Kurth, Franz J., assignor.)
Anthracite Separator Company. (See Pardee, F., Jr., and Curtin, assignors.)
Archibald, Francis M., Elizabeth, and H. G. Schneider, Roselle, N. J., assignors to Standard Alcohol Company. Ethers from reactive acid liquor. 2,131,030; Sept. 27.
Armett, George A., A. P. Black, and S. M. Fulton, Spondon, near Derby, England, assignors to Celanese Corporation of America. Measuring yarn in pirn and like winding apparatus. 2,131,086; Sept. 27.
Arndt, Kurt, Detroit, Mich. Airplane refueling system. 2,131,610; Sept. 27.
Arnold, Charles H., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,131,262; Sept. 27.
Arthur, James L., and W. Thompson, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Ignition timer. 2,131,019; Sept. 27.
Arthur, James L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Vacuum control of spark advance. 2,131,020; Sept. 27.
Artzt, Maurice, Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America. Recording apparatus. 2,131,547; Sept. 27.
Associated Electric Laboratories, Inc. (See Peterson, Seth E., assignor.)
Associated Electric Laboratories, Inc. (See Saunders, Norman H., assignor.)
Astrove, Joseph, assignor to Tidy Products Corporation, New York, N. Y. Infant's garment. 2,131,248; Sept. 27.
Ateliers Neyret-Beylier & Piccard-Pictet. (See Danel, P. F., assignor.)
Auerhahn, Albert. (See Stadler, R., and Auerhahn.)
Auger, Charles W., Sefton Park, Liverpool, England. Toy or game apparatus. 2,131,496; Sept. 27.
Austin, Edward G. (See Austin, Frank and E. G.)
Austin, Frank and E. G., Fanwood, N. J. Weather strip for windows. 2,131,087; Sept. 27.
Autopoint Company. (See Dell, Frank C., assignor.)
Avedikian, Souren Z., New York, N. Y. Tobacco and method of treating tobacco. 2,131,160; Sept. 27.
Avery, Julian M., Greenwich, Conn., assignor to Arthur D. Little, Inc., Cambridge, Mass. Operating blast furnaces. 2,131,031; Sept. 27.
Baash-Ross Tool Company. (See Johnson, G. D., and Hardies, assignors.)
Babcock & Wilcox Company, The. (See Lucke, Charles E., assignor.)
Babson Bros. (See Babson, Henry B., assignor.)
Babson, Henry B., Chicago, Ill., assignor to Babson Bros. Hoisting device. 2,131,133; Sept. 27.
Babson, Henry B., and C. A. Thomas, Chicago, Ill. Cooler for liquids. 2,131,423; Sept. 27.
Bachelet, Henry E., New York, N. Y., and E. S. Gibson, Ridgewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Monitoring circuit for telephone systems. 2,131,578; Sept. 27.
Baer, Abram K., assignor to The Strouse-Baer Company, Baltimore, Md. Garment. 2,131,654; Sept. 27.
Baer, John M., Chicago, Ill., and E. P. Collins, Little Neck, Long Island, N. Y., assignors of one-half to Guardite Corporation, and one-half to Carbide & Carbon Chemicals Corporation. Fumigation. 2,131,134; Sept. 27.
Baird, William, and J. S. H. Davies, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Accelerator for the vulcanization of rubber. 2,131,210; Sept. 27.
Bakelite Building Products Co. (See Harshberger, N. P., and Ochs, assignors.)
Baldeschwieler, Emile L., Cranford, N. J., assignor to Standard Oil Development Company. Calking and sealing composition. 2,131,342; Sept. 27.
Baldwin, Alfred W., and H. A. Piggott, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Methylene halide derivatives of carboxylic acid amides and carbamic esters, respectively, and making the same. 2,131,362; Sept. 27.
Baldwin, Millard W., Jr., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated. Electro-optical apparatus. 2,131,715; Sept. 27.
Baldwin-Southwark Corporation. (See Dinzl, Richard W., assignor.)
Baldwin-Southwark Corporation. (See Neeson, Charles R., assignor.)
Baldwin-Southwark Corporation. (See Weiland, Alfred, assignor.)
Ball Brothers Company. (See Wadsworth, Frank L. O., assignor.)
Ball, Charles F., assignor to Chain Belt Company, Milwaukee, Wis. Concrete pump. 2,131,681; Sept. 27.

Ball, Charles F., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Apparatus for mixing concrete and the like. 2,131,682; Sept. 27.
Balle, Gerhard, assignor to I. G. Farbenindustrie Aktiengeselischaft, Frankfort-on-the-Main, Germany. Condensation products. 2,131,249; Sept. 27.
Baller, Harry C., Los Angeles, Calif. Coin carrier. 2,131,088; Sept. 27.
Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet collecting and folding mechanism for printing presses. 2,131,363; Sept. 27.
Barbulesco, Constantin D., Dayton, Ohio. Position indicator. 2,131,032; Sept. 27.
Barner, Lawrence D. (See Ames, R. A., Barner, and Nelson.)
Barnes, William B., Indianapolis, Ind. Overspeed drive control. 2,131,263; Sept. 27.
Barrett Company, The. (See Anderton, Benjamin A., assignor.)
Barrett Company, The. (See Drewsen, Pierre, assignor.)
Barrington, John W., Baldwin, and M. White, assignors of ten per cent to J. P. Canfield, Brooklyn, N. Y., and 10 per cent to P. S. McLean, Bloomfield, N. J. Door lock. 2,131,033; Sept. 27.
Barrner, Jacob E., Camden, N. J., assignor to Electrolux, Inc., New York, N. Y. Suction nozzle. 2,131,548; Sept. 27.
Barton, Warren H., Staten Island, N. Y. Mounting for reflector buttons or the like. 2,131,364; Sept. 27.
Basquin, Olin H., Evanston, and O. P. Haegele, assignors to Streeter-Amet Company. Weighing apparatus. 2,131,683; Sept. 27.
Basquin, Olin H. (See Haegele, O. P., and Basquin.)
Bast, Frank J., Queens Village, assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Adjustable control for refrigerators. 2,131,161; Sept. 27.
Bates, Fred G. (See Taylor, I. P., and Bates.)
Bear, Albert B., St. Paul, Minn., assignor of eight and one-sixth per cent to S. Henry, eight and one-sixth per cent to T. Nikas, eight and one-sixth per cent to J. Pontikis, eight and one-sixth per cent to H. H. McGill, eight and one-sixth per cent to C. D. Pamel, eight and one-sixth per cent to N. Chiomes, and ten per cent to J. Goff. Friction clutch mechanism. 2,131,579; Sept. 27.
Beautee-Fit Company. (See Becker, A. S., and Andrus, assignors.)
Bechberger, Paul F., Bergenfield, N. J., Charles S. Thompson, Brooklyn, N. Y., and F. Holborn, Cedar Grove, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Selector voice frequency relay. 2,131,424; Sept. 27.
Bechik, Michael, St. Paul, Minn. Handle for mattresses, cushions, and the like. 2,131,211; Sept. 27.
Bechik, Michael, St. Paul, Minn. Handle for mattresses and the like and making the same. 2,131,212; Sept. 27.
Beck, William J. Yonkers, N. Y. Automatic weighing scale. 2,131,034; Sept. 27.
Becker, Abraham S., and Z. M. Andrus, assignors to Beautee-Fit Company, Inc., Los Angeles, Calif. Brassière construction. 2,131,213; Sept. 27.
Beechlyn, John T., assignor of one-half to O. S. Walker Co. Inc., Worcester, Mass. Magnetic speed changer. 2,131,035; Sept. 27.
Beeck, Otto, Berkeley, J. Burgin, Oakland, and H. P. A. Groll, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Activating and maintaining the activity of dehydrogenation catalysts. 2,131,089; Sept. 27.
Beerman, Raymond E., Toledo, Ohio. Signaling device. 2,131,090; Sept. 27.
Behnke, Edward C., Chicago, Ill. Line securing device. 2,131,162; Sept. 27.
Behrendt, Gerhard, Duisburg-Laar, Germany. Chill for continuous string casting. 2,131,307; Sept. 27.
Behrens, Herbert C., Woodlyn, Pa. Gear transmission. 2,131,531; Sept. 27.
Bell Telephone Laboratories, Incorporated. (See Bachelet, A. E., and Gibson, assignors.)
Bell Telephone Laboratories, Incorporated. (See Baldwin, Millard W., Jr., assignor.)
Bell Telephone Laboratories, Incorporated. (See Black, Harold S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bjornson, Bjorn G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Curtis, Austen M., assignor.)
Bell Telephone Laboratories, Incorporated. (See Cruser, Victor I., assignor.)
Bell Telephone Laboratories, Incorporated. (See Greenall, Charles H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Halligan, Clair W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Marshall, Robert N., assignor.)
Bell Telephone Laboratories, Incorporated. (See Stillwell, Albert L., assignor.)
Bemelmans, Ernest, Maastricht, Netherlands, assignor to Usitall Company, Inc., New York, N. Y. Alkali process for reclaiming rubber waste. 2,131,685; Sept. 27.
Bemis, Arthur S., assignor to Speer Carbon Company, St. Marys, Pa. Carbonized product and manufacture thereof. 2,131,021; Sept. 27.
Bendix Products Corporation. (See Sanford, Roy S., assignor.)
Bendix Radio Corporation. (See Granger, Harold, assignor.)
Benjamin Electric Mfg. Company. (See Phillips, Paul D., assignor.)
Benjamin, Walter E., assignor to Pierce Governor Company, Anderson, Ind. Vacuum actuated safety system for engines. 2,131,264; Sept. 27.
Bentz, George B., New York, N. Y. Grab rail and seat attachment for bath tubs. 2,131,214; Sept. 27.
Berby, Ola L. (See McGiffert, J. R., and Berby.)
Bernhard, Herman E. (See Lateltin, H., and Bernhard.)
Berry, George A., assignor to National Fuels Corporation, Bound Brook, N. J. Coal processing. 2,131,702; Sept. 27.
Bezjak, Victor. (See Petsche, J. D., and Bezjak.)
Bichowsky, Francis R., Toledo, Ohio, assignor to The Dow Chemical Company, Midland, Mich. Spiral heat interchanger and making same. 2,131,265; Sept. 27.
Biggs, George A., assignor to The James Leffel and Company, Springfield, Ohio. Turbine pump. 2,131,611; Sept. 27.
Binks, Melvin J., assignor, by mesne assignments, to Exhibit Supply Company, Chicago, Ill. Game apparatus. 2,131,091; Sept. 27.
Bivort, Henri J., Brussells, Belgium. Glass tank furnace. 2,131,215; Sept. 27.
Bjornson, Bjorn G., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control circuits. 2,131,580; Sept. 27.
Black, Arthur P. (See Armett, G. A., Black, and Fulton.)
Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translation system. 2,131,365; Sept. 27.
Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave amplifying system. 2,131,366; Sept. 27.
Blechman, Irving, Bronx, N. Y. Sliding door wardrobe. 2,131,367; Sept. 27.
Blitz, Otto, Oakland, Calif. Tabulating board. 2,131,266; Sept. 27.
Bloomfield, Samuel, Chicago, Ill. Potato slicer. 2,131,092; Sept. 27.
Blumenthal, Samuel, assignor of one-half to Universal Trunk Company, Chicago, Ill. Wardrobe case. 2,131,267; Sept. 27.
Blümner, Erwin, London, England. Production of colloidal fuel. 2,131,308; Sept. 27.
Boecking, Ewald, Brooklyn, assignor to International Projector Corporation, New York, N. Y. Drive mechanism for motion picture projecting machines. 2,131,469; Sept. 27.
Boes, George F., West Lafayette, Ind. Prefabricated unit wall structure. 2,131,268; Sept. 27.
Borel, Charles, Geneva, Switzerland. Apparatus for collaborating statistical data. 2,131,497; Sept. 27.
Bornstein, Morris. (See Morin, E. A., and Bornstein.)
Boudette, Cornelius G. (See Joy, J. F., and Boudette.)
Bowden, Walter H., East Geelong, Australia. Yarn winding machine. 2,131,470; Sept. 27.
Bowen, Joseph M., West Quincy, assignor to Gillette Safety Razor Company, Boston, Mass. Protected blade. 2,131,368; Sept. 27.
Bowen, Kenneth H., assignor to Columbian Rope Company, Auburn, N. Y. Abrading appliance. 2,131,309; Sept. 27.
Boyle, A. S., Company, The. (See Esselen, Gustavus J., assignor.)
Bracke, Robert F., Chicago, Ill. Fuel feeding system. 2,131,036; Sept. 27.
Brandaleone, Rose, et al. (See Woodruff, Byron C., assignor.)
Brandegee, Morris M., Plainfield, and C. E. Hemminger, Westfield, N. J., assignors to Combustion Utilities Corporation, New York, N. Y. Gas making apparatus. 2,131,696; Sept. 27.
Brayton, Harold M., Westfield, N. J. Bomb nose fuse. 2,131,037; Sept. 27.
Bregman, Sophia, et al. (See Woodruff, Byron C., assignor.)
Breuning, Edmond. (See Lange, A. E., Langguth, Breuning, and Dassler.)
Briggs-Shaffner Company. (See Dinkins, Delbert R., assignor.)
Brisson, Louis C., Neuilly-sur-Seine, assignor to Societe Anonyme: Société des Freins Hydrauliques S. de Lavaud, Paris, France. Braking device. 2,131,369; Sept. 27.
Brooke, Francis M., assignor to N. S. Brooke, Bryn Mawr, Pa. External combustion engine. 2,131,216; Sept. 27.
Brooke, Nanna S. (See Brooke, Francis M., assignor.)
Brooker, Leslie G. S., and C. J. Staud, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic emulsion containing alkyl quaternary salts of thiazoles and the like as antifoggants. 2,131,038; Sept. 27.
Brown and Sharpe Manufacturing Company. (See Krause, August L., assignor.)
Browning, Marriner A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Detachable barrel construction for firearms. 2,131,716; Sept. 27.
Browning, J. M. & M. S., Company. (See Browning, Marriner A., assignor.)
Brumwell, Vincent B., San Diego, Calif. Automatic variable pitch propeller. 2,131,217; Sept. 27.

Bucyrus-Erie Company. (See Mork, George W., assignor.)
Bunting Brass & Bronze Company, The. (See Evans, Robert G. N., assignor.)
Burdick, Wayne E. (See Loehr, L. K., and Burdick.)
Burgin, James. (See Beeck, O., Burgin, and Groll.)
Busch, Sune. (See Salomon, S. M., and Busch.)
Byram, Frederick C., Springfield, Ohio, assignor to Penberthy Injector Company, Detroit, Mich. Switch structure. 2,131,269; Sept. 27.
Cable and Wireless Limited. (See Higgitt, H. V., and Wood, assignors.)
Cady, Charles P. (See Johnson, L. E., and Cady.)
Cage, James, Valley Stream, assignor to Reynolds Metals Company, New York, N. Y. Display box. 2,131,093; Sept. 27.
Campbell, George, assignor of fifty-one per cent to J. White, Prescott, Ark. Lawn broom. 2,131,612; Sept. 27.
Canfield, Joseph P., et al. (See Barrington, O. W., and White.)
Cannon Mills Company. (See O'Neill, E. W., and Hoskins, assignors.)
Caplan, Milton M. (See Lurssen, Herman H., assignor.)
Card, William C., Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Welt holding mechanism. 2,131,370; Sept. 27.
Carlson, John O. E. (See French J. W., and Carlson.)
Carson, Hiram J., Omaha, Nebr. Carbureted water gas apparatus. 2,131,310; Sept. 27.
Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Illuminating for indicator dials. 2,131,471; Sept. 27.
Casey, Arthur F., South Norwalk, assignor to The Tower Optical Company, Inc., Norwalk, Conn. Coin controlled binoculars. 2,131,163; Sept. 27.
Catron, Harold, R. L. Dashner, and M. W. Morris, assignors to R-B-M Manufacturing Co., Logansport, Ind. Terminal assembly. 2,131,581; Sept. 27.
Cavanagh, John, East Norwalk, assignor to Hat Corporation of America, Norwalk, Conn. Sweat band. 2,131,697; Sept. 27.
Celanese Corporation of America. (See Armett, G. A., Black, and Fulton, assignors.)
Cercla, Inc. (See Dessart, George B., assignor.)
Chain Belt Company. (See Ball, Charles F., assignor.)
Chain Belt Company. (See Marshall, William B., assignor.)
Chambers Brothers Company. (See King, Howard K., assignor.)
Champagne, Eraste J., Franklin, La. Cover for necktie knots. 2,131,023; Sept. 27.
Chandler, William W., assignor of one-half to J. M. Stinson, Hammond, Ind. Safety razor. 2,131,498; Sept. 27.
Chapman Valve Mfg. Co., The. (See Malcolm, Vincent T., assignor.)
Charis Corporation. (See Leonard, Joseph, assignor.)
Chase Model Bale Gin Compress Co. (See Elliot, Albert E., assignor.)
Chase, Theron P., assignor to General Motors Corporation, Detroit, Mich. Brake drum. 2,131,614; Sept. 27.
Chase, Theron P., and G. E. Martin, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Internal brake. 2,131,613; Sept. 27.
"Chatillon" Societa Anonima Italiana per le Fibre Tessili Artificiali. (See Nai, Alfredo, assignor.)
Chauveau, Louis L. E., Paris, France, assignor to Compagnie Generale de Telegraphie sans Fil. Remote selective control system. 2,131,164; Sept. 27.
Chicago Electric Manufacturing Company. (See Gough, James J., assignor.)
Chicago-Hutchins Corporation. (See Hawksworth, David W., assignor.)
Chicago-Hutchins Corporation. (See Thompson, William D., assignor.)
Chico, Russell, New York, N. Y., G. R. Porter, and G. Webb, West Hartford, assignors to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Dishwashing machine. 2,131,615; Sept. 27.
Chiomes, Nick, et al. (See Bear, Albert B., assignor.)
Chittim, James M., San Antonio, Tex. Storage tank. 2,131,270; Sept. 27.
Chmura, John, Richmond Hill, N. Y. Rosewood pipe. 2,131,582; Sept. 27.
Christian, Frank T., assignor to Eclipse Machine Company, Elmira, N. Y. Vehicle brake. 2,131,532; Sept. 27.
Christenson, Anton E., Rye, Colo. Engine. 2,131,616; Sept. 27.
Christopher, William M., Tonawanda, N. Y. Dispensing device. 2,131,218; Sept. 27.
Cincinnati Ball Crank Company, The. (See Woelfer, Frank C., Jr., assignor.)
Cipar, Florem, Chicago, Ill. Basket. 2,131,425; Sept. 27.
Cirelli, Michael S., Ellwood City, Pa. Necktie pin. 2,131,311; Sept. 27.
Clark Equipment Company. (See Spatta, George, assignor.)
Clark, Kendall, South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Safety device. 2,131,094; Sept. 27.
Claus, Willi, assignor to Metallochemische Fabrik A.-G., Berlin, Germany. Cleansing means for metal and metal alloys. 2,131,549; Sept. 27.
Clements Manufacturing Company. (See Clements, William J., assignor.)
Clements, William J., assignor to Clements Manufacturing Company, Chicago, Ill. Electric connection. 2,131,165; Sept. 27.
Clyde Iron Works. (See McGiffert, J. R., and Berby, assignors.)
Conanda, Henri, Clichy, France. Motor. 2,131,472; Sept. 27.
Coddington, Edwin D., Douglaston, Long Island, assignor to Reynolds Corporation, New York, N. Y., Slab molding frame. 2,131,655; Sept. 27.
Coe, Harrison S., Palo Alto, Calif. Ore leaching apparatus. 2,131,166; Sept. 27.
Coles, Walter H., and B. J. Nelson, assignors to The Skinner Irrigation Company, Troy, Ohio. Irrigation device. 2,131,271; Sept. 27.
Collins, Earl P. (See Baer, J. M., and Collins.)
Collins, John O. (See Wells, A. A., and Collins.)
Collins, John J., San Francisco, Calif. Toy. 2,131,550; Sept. 27.
Colton, Henry S., Shaker Heights, Ohio. Making zinc compound from galvanizer's waste. 2,131,312; Sept. 27.
Colton, Henry S., Shaker Heights, Ohio. Making zinc pigment. 2,131,313; Sept. 27.
Colt's Patent Fire Arms Manufacturing Co. (See Chico, R., Porter, and Webb.)
Colt's Patent Fire Arms Manufacturing Company. (See Sachs, Joseph, assignor.)
Columbian Rope Company. (See Bowen, Kenneth H., assignor.)
Colvin, Nolan D. (See Coultas, W. J., and Colvin.)
Combustion Utilities Corporation. (See Brandegee, M. M., and Hemminger, assignors.)
Comins, Harold N., Wakefield, Mass. Metallic packing. 2,131,272; Sept. 27.
Compagnie Generale de Telegraphie sans Fil. (See Chauveau, Louis L. E., assignor.)
Compo Shoe Machinery Corporation. (See Card, William C., Jr., assignor.)
Compo Shoe Machinery Corporation. (See Holland, Friedrich, assignor.)
Consolidated Silk Mills, Ltd. (See Morin, E. A., and Bornstein, assignors.)
Container Corporation of America. (See Kells, Benjamin F., assignor.)
Cooke, Giles B., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Dyed composition cork and method. 2,131,314; Sept. 27.
Cooper, Harold H., Tulsa, Okla. Portable back support for seats. 2,131,219; Sept. 27.
Cordiano Can Co-Inc. (See Cordiano, D., and Hirshman, assignors.)
Cordiano, Dominick, and A. Hirshman, assignors to Cordiano Can Co-Inc., Brooklyn, New York. Container and making the same. 2,131,343; Sept. 27.
Cordts, Hans F. C., Volksdorf, near Hamburg, assignor to Thuringische Glaswollindustrie vorm. S. Koch Gesellschaft mit beschränkter Haftung, Hamburg, Germany. Manufacture of fabric from spun glass. 2,131,024; Sept. 27.
Corner, George H. C. (See Naunton, W. J. S., and Corner.)
Coryell, William C. (See Shrum, Arthur T., assignor.)
Cottrell, C. B., & Sons Company. (See Barber, Howard M., assignor.)
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Brake. 2,131,703; Sept. 27.
Coultas, Wilbur J., and N. D. Colvin, assignors to Deere & Company, Moline, Ill. Combined tank and elevator unit for agricultural implements. 2,131,273; Sept. 27.
Coverman, Harry E., Pottstown, Pa. Shirt. 2,131,220; Sept. 27.
Cowden, Henry C., Cromona, Ky., assignor of one-fourth to G. W. Earles, Kingsport, Tenn. Miner's headgear. 2,131,617; Sept. 27.
Cox, David C., assignor to Electric Sorting Machine Company, Lowell, Mich. Sorting homogeneous articles. 2,131,095; Sept. 27.
Cox, David C., Lowell, assignor to Electric Sorting Machine Company, Grand Rapids, Mich. Photoelectric assorting device. 2,131,096; Sept. 27.
Crary, Horace A., assignor to Pennsylvania Furnace & Iron Co., Warren, Pa. Burner and control unit for furnaces. 2,131,221; Sept. 27.
Crickmer, Charles S., assignor to Merla Tool Company, Dallas, Tex. Packer. 2,131,274; Sept. 27.
Crickmer, Charles S., assignor to Merla Tool Company, Dallas, Tex. Slip mounting. 2,131,275; Sept. 27.
Croff, Milford L., Morley, Mich. Material handling truck. 2,131,426; Sept. 27.
Crosley Radio Corporation, The. (See Peterson, Charles W., assignor.)
Crosley Radio Corporation, The. (See Zahodiakin, Victor F., assignor.)
Crotty, James J., and L. Roth, Brooklyn, N. Y. Individual compartment construction for luggage. 2,131,583; Sept. 27.
Crowder, William A., assignor to Pyrene Manufacturing Company, Newark, N. J. Electrolytically depositing iron and nickel alloy. 2,131,427; Sept. 27.

Crowley, Cornelius J., assignor to The Seamless Rubber Company, New Haven, Conn. Bathing Cap. 2,131,344; Sept. 27.
Crown Cork & Seal Company. (See Cooke, Giles B., assignor.)
Crown Cork & Seal Company. (See Greenholtz, R. E., and Enkur, assignors.)
Cruse, Henry R., Abington, Pa. Fuel-feeding device. 2,131,499; Sept. 27.
Cruser, Victor I., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching device. 2,131,584; Sept. 27.
Curtin, Ellsworth. (See Pardee, F., Jr., and Curtin.)
Curtis, Austen M., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Supply circuit. 2,131,585; Sept. 27.
Curtis Companies Incorporated. (See Aldden, G. W., and Madsen, assignors.)
Curtis, Frederick W., Jr., Minneapolis, Minn. Brush. 2,131,500; Sept. 27.
Curtis Publishing Company, The. (See Risley, Walter J., Jr., assignor.)
Daimler, Karl, and H. Thron, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Cement mass. 2,131,533; Sept. 27.
Dale, Eldon L., Long Beach, Calif., assignor to Dale Radioplane Co. Aeroplane mounting. 2,131,222; Sept. 27.
Dale Radioplane Co. (See Dale, Eldon L., assignor.)
Dalkowitz, Godfrey, New York, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Wrapping machine. 2,131,428; Sept. 27.
Dal Pino, Gino. (See Mosmieri, L., and Dal Pino.)
Daly, Le Grand, Winnetka, and F. X. Meiners, Chicago, Ill., assignors to Filer Fibre Company, Filer City, Mich. Tacking strip. 2,131,704; Sept. 27.
Danel, Pierre F., Grenoble, France, assignor to Ateliers Neyret-Beylier & Piccard-Pictet. Automatic rotary valve. 2,131,025; Sept. 27.
Danner, Edward, Newark, Ohio. Producing multibore glass tubing. 2,131,417; Sept. 27.
Dano, William O., Kansas City, Mo. Advertising device for taxicabs. 2,131,586; Sept. 27.
Dashner, Ralph L. (See Catron, H., Dashner, and Morris.)
Dassler, Adolf. (See Lange, A. E., Langguth, Breuning, and Dassler.)
Davies, John S. H. (See Baird, W., and Davies.)
Dayton Pump & Mfg. Co., The. (See Horvath, Anthony G., assignor.)
De Boer, Jan H., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Asymmetric electrode system. 2,131,167; Sept. 27.
Deere & Company. (See Coultas, W. J., and Colvin, assignors.)
Dell, Frank C., assignor to Autopoint Company, Chicago, Ill. Mechanical pencil. 2,131,551; Sept. 27.
De Lin, Martin, assignor to Holland Furnace Company, Holland, Mich. Joint construction. 2,131,552; Sept. 27.
De Lin, Martin, assignor to Holland Furnace Company, Holland, Mich. Joint construction. 2,131,553; Sept. 27.
Dennison Manufacturing Company. (See Flood, Carl A., assignor.)
De Rayville, Jean, New York, N. Y. Hygrometer. 2,131,554; Sept. 27.
Desimone, Cornelius A., Bala Cynwyd, and J. C. Woodford, Haverford, assignors to John-Wood Manufacturing Company, Inc., Conshohocken, Pa. Liquid dispensing apparatus. 2,131,705; Sept. 27.
Dessart, George B., Brooklyn, N. Y., assignor to Cercla, Inc., Chicago, Ill. Binding or binding element for books and the like. 2,131,276; Sept. 27.
Devaux, Lucien. (See Van Mierlo, S., Pulles, Smets, and Devaux.)
De Voe, Albert H., Westfield, N. J., assignor to Talon, Inc. Sewing machine. 2,131,250; Sept. 27.
Dextora Company. (See McDougall, Shirley A., assignor.)
Diamond Alkali Company. (See McDaniel, George R., assignor.)
Dieckmann, Charles W., Chicago, Ill. Meat cutter. 2,131,429; Sept. 27.
Dienner, John A. (See Ringwald, Clarence, assignor.)
Dimmick, Glenn L., Haddonfield, N. J., assignor to Radio Corporation of America. Sound record printing. 2,131,501; Sept. 27.
Dinco, Mario, Melvindale E. Komjathy, Detroit, and C. S. Komjathy, Inkster, Mich. Pneumatic window operating device. 2,131,618; Sept. 27.
Dinkins, Delbert R., East Bend, assignor of one-half to Briggs-Shaffner Company, Winston-Salem, N. C. Tobacco looping machine. 2,131,656; Sept. 27.
Dinzl, Richard W., Narberth, Pa., assignor to Baldwin-Southwark Corporation. Rubber bale cutter. 2,131,345; Sept. 27.
Ditto, Incorporated. (See Marchev, Alfred, assignor.)
Dobrick, August C., and R. A. Tank, assignors to The Imperial Brass Manufacturing Company, Chicago, Ill. Vacuum breaker. 2,131,430; Sept. 27.
Dobson, William A., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,131,135; Sept. 27.
Doman, Albert E., Syracuse, assignor, by mesne assignments, to Eclipse Machine Company, Elmira Heights, N. Y. Ignition and starting system for automobiles. 2,131,026; Sept. 27.
Donahue, Patrick F. (See Goepel, A. H., and Donahue.)
Dow Chemical Company, The. (See Bichowsky, Francis R., assignor.)
Dow Chemical Company, The. (See Stoesser, Wesley C., assignor.)
Draeger, Rupert H., United States Navy. Fine grain translucent screen. 2,131,039; Sept. 27.
Drewsen, Pierre, Sandusky, Ohio, assignor to The Barrett Company, New York, N. Y. Impregnated felt. 2,131,097; Sept. 27.
Dreyfus, Henry, London, England. Coloration of materials. 2,131,098; Sept. 27.
Drypolcher, William, Valley Stream, assignor to L. Obstfeld, Brooklyn, and A. Obstfeld, New York, N. Y. Stapling machine. 2,131,473; Sept. 27.
Duffield, William A., assignor to Juno Corporation Limited, Montreal, Quebec, Canada. Automatic power transmission. 2,131,619; Sept. 27.
Dunham, Aubra R. (See Dunham, Clayton A. and A. R.)
Dunham, Clayton A. and A. R., Glencoe, assignors to Experimental Laboratories, Inc., Chicago, Ill. Generating heating medium. 2,131,555; Sept. 27.
Dunseath, Harry. (See Dunseath, James G., assignor.)
Dunseath, James G., assignor of one-half to H. Dunseath, Reno, Nevada. Lock. 2,131,315; Sept. 27.
Du Pont, E. I., de Nemours & Company. (See Schulze, John F. W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Tapley, Ralph A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Williams, Ira, assignor.)
Du Pont, E. I., de Nemours & Company. (See Williams, I., and Mayo, assignors.)
Du Pont, E. I., de Nemours & Company. (See Williams, I., and Neal, assignors.)
Du Pont, E. I., de Nemours & Company. (See Wilson, Ellsworth M., assignor.)
Durand & Huguenin S. A. (See Gubler, Emil, assignor.)
Dutton, James E. (See Paden, Alonzo E., assignor.)
Earles, George W. (See Cowden, Henry C., assignor.)
Earll, Charles I., deceased; M. M. Lambert, administratrix, assignor to Charles I. Earll Company, Inc., York, Pa. Trolley retriever. 2,131,223; Sept. 27.
Eastman Kodak Company. (See Brooker, L. G. S., and Staud, assignors.)
Eastman Kodak Company. (See Hickman, K. C. D., Turner, and Weyerts, assignors.)
Eastman Kodak Company. (See Reid, Marvin J., assignor.)
Eaton Paper Corporation. (See Whipple, Charles R., assignor.)
Eclipse Machine Company. (See Christian, Frank T., assignor.)
Eclipse Machine Company. (See Doman, Albert E., assignor.)
Edmonds, Asbury S., Ossining, N. Y. Transmission mechanism. 2,131,556; Sept. 27.
Edwards, O. M., Company Inc., The. (See Edwards, Oliver M., assignor.)
Edwards, Oliver M., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y. Knock-down window frame. 2,131,099; Sept. 27.
Ehrlich, Jacob. (See Almen, J. O., and Ehrlich.)
Eitzen, August D., Rockville Centre, assignor of three-fourths to News Projection Corporation, New York, N. Y. Advertising machine. 2,131,168; Sept. 27.
Electric Household Utilities Corporation. (See Jensen, Joseph W., assignor.)
Electric Sorting Machine Company. (See Cox, David C., assignor.)
Electrolux, Inc. (See Barrner, Jacob E., assignor.)
Elliot, Albert E., Atlanta, Ga., assignor, by mesne assignments, to Chase Model Bale Gin Compress Co. Compress. 2,131,502; Sept. 27.
Elliott, Harmon P., Watertown, Mass. Stencil. 2,131,503; Sept. 27.
Ellis, Calvin T., Philadelphia, Pa. Nonvibrating tube coupling. 2,131,316; Sept. 27.
Ellsworth, Walter A., and E. Swedman, assignors to Seeger Refrigerator Company, St. Paul, Minn. Refrigerator display case. 2,131,587; Sept. 27.
English, Edward F., Baton Rouge, La., assignor to Standard Oil Development Company. Cracking and extracting hydrocarbon oils with a selective solvent. 2,131,169; Sept. 27.
Enkur, Edward M. (See Greenholtz, R. E., and Enkur.)
Esselen, Gustavus J., Swampscott, Mass., assignor to The A. S. Boyle Company, Cincinnati, Ohio. Plastic material. 2,131,371; Sept. 27.
Estes, Joseph C., Woonsocket, assignor to A. T. Levy, Harrisville, R. I. Prefabricated building. 2,131,462; Sept. 27.
Estes, Joseph C., Woonsocket, assignor to A. T. Levy, Harrisville, R. I. Prefabricated building. 2,131,463; Sept. 27.
Estes, Joseph C., Woonsocket, assignor to A. T. Levy, Harrisville, R. I. Prefabricated building. 2,131,464; Sept. 27.
Evans, Robert G. N., assignor to The Bunting Brass & Bronze Company, Toledo, Ohio. Bearing. 2,131,170; Sept. 27.

Everett, E. A., Inc. (See Everett, Edward A., assignor.)
Everett, Edward A., deceased; G. A. Nelson and W. R. Loughridge, executors, assignors to E. A. Everett, Inc., Long Island City, N. Y. Lightning arrester. 2,131,717; Sept. 27.
Exhibit Supply Company. (See Binks, Melvin J., assignor.)
Experimental Laboratories, Inc. (See Dunham, Clayton A. and A. R., assignors.)
Fabrica Italiana Magnetic Marelli Soc. An. (See Quintavalle, Umberto, assignor.)
Fabry, W. H. (See Tucker, Edgar M., assignor.)
Factor, Samuel R. (See Alstadt, B. E., and Factor.)
Fairchild, Charles O., St. Albans, assignor to Charles Tagliabue Mfg. Co., Brooklyn, N. Y. Recording on a strip chart. 2,131,346; Sept. 27.
Fauner, Joseph F., Irvington, N. J. Weather protector. 2,131,100; Sept. 27.
Fawkes, Charles G., Denver, Colo. Cap opener. 2,131,136; Sept. 27.
Fay, Horace B. (See Quinn, Nelson J., assignor.)
Fenton, Paul E., Thomaston, assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener assembly. 2,131,347; Sept. 27.
Ferri, Tito A., assignor of one-half to B. L. Riesner, Miami, Fla. Window structure. 2,131,251; Sept. 27.
Ferris, Malcolm, Boonton Township, Morris County, N. J. Resistance attenuator. 2,131,101; Sept. 27.
Ferst, M. A., Ltd. (See Ferst, Monie A., assignor.)
Ferst, Monie A., assignor to M. A. Ferst, Ltd., Atlanta, Ga. Lead pencil, lead therefor, and making the same. 2,131,657; Sept. 27.
Filer Fibre Company. (See Daly, L., and Meiners, assignors.)
Fiot Società Anonima. (See Valletta, Vittorio, assignor.)
Fiske, Augustus H., Warren, assignor to Rumford Chemical Works, Rumford, R. I. Free-mixing finely divided material and inhibiting its normal flocculation or cohesion. 2,131,431; Sept. 27.
Fiske, Augustus H., Warren, assignor to Rumford Chemical Works, Rumford, R. I. Improving the keeping qualities of reactive materials. 2,131,432; Sept. 27.
Fiske, Augustus H., Warren, assignor to Rumford Chemical Works, Rumford, R. I. Baking powder and improving the keeping qualities of the same. 2,131,433; Sept. 27.
Fitzgerald, Alex E. (See Heuer, R. P., and Fitzgerald.)
Fli-Bac Products Corporation. (See Nye, Alvin F., assignor.)
Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Tag fastening device. 2,131,372; Sept. 27.
Florman, Irving, New York, N. Y. Dry shaver. 2,131,317; Sept. 27.
Forges & Ateliers de Constructions Electriques de Jeumont, Societe Anonyme. (See Heidmann, Leon, assignor.)
Foster, Ernest A., Manteca, Calif. Earth cutting, digging, and moving machine. 2,131,373; Sept. 27.
Fotsch, William G., assignor to Reliable Electric Co., Chicago, Ill. Conductor clamping means. 2,131,171; Sept. 27.
Fränkl, Mathias, Augsburg, Germany, assignor to American Oxythermic Corporation, New York, N. Y. Operation of smelting and reducing furnaces. 2,131,102; Sept. 27.
Franz, Ehrhart, Leipzig, Germany. Washing process for textile materials. 2,131,137; Sept. 27.
Fraser, Douglas, & Sons Limited. (See Fraser, Gordon S., assignor.)
Fraser, Gordon S., assignor to Douglas Fraser & Sons Limited, Arbroath, Angus, Scotland. Drawing frame, roving frame, and like textile frames. 2,131,172; Sept. 27.
French, John W., Warren, and J. O. E. Carlson, Youngstown, assignors, by mesne assignments, to Mullins Manufacturing Corporation, Salem, Ohio. Method and apparatus for working sheet metal articles. 2,131,027; Sept. 27.
Frérotte, Auguste, Liege, Belgium, assignor to Henry Simon Limited, Stockport, England. Roll adjusting means for grain milling machines. 2,131,277; Sept. 27.
Friedberg, Albert, et al. (See Gilowitz, Benjamin, assignor.)
Fulton, Stephen M. (See Armett, G. A., Black, and Fulton.)
Ganzert, Albert E., Chicago, Ill., assignor to E. C. Shaw. Treated lubricant. 2,131,138; Sept. 27.
Ganzert, Albert E., Chicago, Ill., assignor to E. C. Shaw. Reclaimed lubricant. 2,131,139; Sept. 27.
Gardner Delamere B., Los Angeles, Calif. Solid weave scanning apparatus. 2,131,504; Sept. 27.
Garono, Louis E. (See Sherwood, T. K., and Garono.)
Garrison, John J., Wellesley, and S. Shuko, Boston, Mass., said Shuko assignor to said Garrison. Insulating structure. 2,131,620; Sept. 27.
Garsson, Henry M., Far Rockaway, N. Y. Treating steel. 2,131,505; Sept. 27.
Gasstrom, Herman M., Mount Vernon, N. Y. Lock. 2,131,506; Sept. 27.
Gatch, Milton W., assignor to The Gatch Wire Goods Company, Baltimore, Md. Fly swatter blade. 2,131,534; Sept. 27.
Gatch Wire Goods Company, The. (See Gatch, Milton W., assignor.)
Gemex Company. (See Prestinari, Eugen, assignor.)
General Aniline Works, Inc. (See Honold, Ernst, assignor.)
General Aniline Works, Inc. (See Neresheimer, H., and Ruppel, assignors.)
General Aniline Works, Inc. (See Orthner, L., and Heuck, assignors).
General Aniline Works, Inc. (See Schoeller, C., Schwen, and Kraemer, assignors.)
General Atlas Carbon Company. (See Heller, G. L., and Snow, assignors.)
General Electric Company. (See Abbott, Charles C., assignor.)
General Electric Company. (See Gray, William T., assignor.)
General Electric Company. (See Keith, F. E., and Lindstrom, assignors.)
General Electric Company. (See Obermaier, Carl F., assignor.)
General Electric Company. (See Thearle, Ernest L., assignor.)
General Electric Company. (See Thumim, Carl, assignor.)
General Electric Company. (See Traver, Oliver C., assignor.)
General Electric Company. (See Wade, Allan J., assignor.)
General Electric Corporation. (See Warrington, Albert R. van C., assignor.)
General Motors Corporation. (See Almen, John O., assignor.)
General Motors Corporation. (See Almen, J. O., and Ehrlich, assignors.)
General Motors Corporation. (See Almen, J. O., and Hawkins, assignors.)
General Motors Corporation. (See Arthur, James L., assignor.)
General Motors Corporation. (See Arthur, J. L., and Thompson, assignors.)
General Motors Corporation. (See Chase, Theron P., assignor.)
General Motors Corporation. (See Chase, T. P., and Martin, assignors.)
General Motors Corporation. (See Helgeby, Ralph O., assignor.)
General Motors Corporation. (See Koubek, John L., assignor.)
General Motors Corporation. (See Michel, C. A., and Koubek, assignors.)
General Motors Corporation. (See Mullen, Raymond F., assignor.)
General Motors Corporation. (See Shepard, Everett H., assignor.)
General Motors Corporation. (See Tenney, Perry L., assignor.)
General Motors Corporation. (See Tyler, Tracy B., assignor.)
General Refractories Company. (See Heuer, R. P., and Fitzgerald, assignors.)
Geyer, Arthur, Chippenham, England. Continuous kiln. 2,131,418; Sept. 27.
Gibson, Earl S. (See Bachelet, A. E., and Gibson.)
Gillette Safety Razor Company. (See Bowen, Joseph M., assignor.)
Gilowitz, Benjamin, assignor of one-fourth to C. M. Wolf and one-eighth to A. Friedberg, New York, N. Y. Cooking utensil. 2,131,658; Sept. 27.
Goepel, Arthur H., and P. F. Donahue, Waterbury, Conn. Coupling connection for pipe joints and making same. 2,131,509; Sept. 27.
Goff, John, et al. (See Bear, Albert B., assignor.)
Goggin, Jeremiah F., Davenport, Iowa. Luminous composition of matter and producing same. 2,131,557; Sept. 27.
Gold, Nathan, Portland, Oreg. Apparatus for making neckties. 2,131,318; Sept. 27.
Goodale, Joseph L., Ipswitch, Mass. Fiber treatment and product. 2,131,040; Sept. 27.
Goodman Manufacturing Company. (See Sloane, William W., assignor.)
Goodsell, Charles D., Hillside, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Photoelectric control system. 2,131,028; Sept. 27.
Goodwin, John S. (See Zublin, J. A., and Goodwin.)
Goodwin, William M., Central Square, N. Y. Valve operating mechanism. 2,131,507; Sept. 27.
Goodwin, William M., Central Square, N. Y. Valve operating mechanism. 2,131,508; Sept. 27.
Gordonian Printing Co. (See Lowen, Bert, assignor.)
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric toaster with detachable shell. 2,131,278; Sept. 27.
Graef & Schmidt, Inc. (See Voss, Arthur, assignor.)
Granberg Meter Corporation. (See Saarinen, Armas J., assignor.)
Granger, Harold, Cherrydale, Va., assignor, by mesne assignments, to Bendix Radio Corporation, New York, N. Y. Selective high frequency oscillator system. 2,131,558; Sept. 27.
Granger, Harold, Cherrydale, Va., assignor, by mesne assignments, to Bendix Radio Corporation, New York, N. Y. Frequency measuring system. 2,131,559; Sept. 27.

Gray, Chester E., and G. D. Turnbow, Oakland, Calif. Apparatus for the continuous manufacture of frozen food products. 2,131,510; Sept. 27.
Gray, Chester E., and G. D. Turnbow, Oakland, Calif. Continuous method of manufacturing frozen food products. 2,131,511; Sept. 27.
Gray, William T., Altrincham, England, assignor to General Electric Company. Electric motor control equipment. 2,131,588; Sept. 27.
Green, Virginius M., and C. E. Gurtler, Richmond, Va. Motional advertising display device. 2,131,029; Sept. 27.
Greenall, Charles H., Larchmont, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable sheath extruding press. 2,131,173; Sept. 27.
Greenholtz, Ralph E., and E. M. Enkur, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Method and apparatus for making composite caps. 2,131,319; Sept. 27.
Greicius, Peter P., Chicago, Ill. Sewing machine. 2,131,621; Sept. 27.
Greve, Robert L., Alhambra, Calif. Framer for rafters. 2,131,279; Sept. 27.
Groene, William F., and W. R. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft chuck. 2,131,698; Sept. 27.
Groll, Herbert P. A. (See Beeck, O., Burgin, and Groll.)
Grunwald, Bertrand B., deceased, by D. H. Grunwald, administratrix, Alameda, Calif. Dolomitic magnesium carbonate composition and preparation. 2,131,374; Sept. 27.
Grunwald, Dorothy H., administratrix. (See Grunwald, Bertrand B.)
Guardite Corporation, et al. (See Baer, J. M., and Collins, assignors.)
Gubler, Emil, assignor to the firm Durand & Huguensin S. A., Basel, Switzerland. Printing with mordant dyestuffs. 2,131,320; Sept. 27.
Gurney, Albert J., assignor to The American Mine Door Company, Canton, Ohio. Steak slicing and dicing machine. 2,131,397; Sept. 27.
Gurtler, Charles E. (See Green, V. M., and Gurtler.)
Gürtler, Rudolf. (See Kummerer, W., and Gürtler.)
Gwinn, William B., Crystal City, Mo., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for drying plates. 2,131,512; Sept. 27.
H. L. F. Company. (See McBride, Samuel R., assignor.)
Haas, Paul, Glendale, assignor to United Research Corporation, Burbank, Calif. Adjustment for optical systems. 2,131,280; Sept. 27.
Haegele, Otto P. (See Basquin, O. H., and Haegele.)
Haegele, Otto P., Chicago, and O. H. Basquin, Evanston, assignors to Streeter-Amet Company, Chicago, Ill. Weighing apparatus. 2,131,684; Sept. 27.
Hafner, Raoul, Vienna, Austria. Rotating wing aircraft. 2,131,348; Sept. 27.
Haglund, Hakon H., assignor to The Western Union Telegraph Company, New York, N. Y. Sending channel assigner. 2,131,434; Sept. 27.
Hale, George C., Dover, N. J. Nonexplosive pyrotechnic composition. 2,131,041; Sept. 27.
Hale, Howard B., Long Beach, Calif. Nozzle packer. 2,131,721; Sept. 27.
Halliday, Bernard A. (See Kinzie, P. A., Halliday, and Kohler.)
Halligan, Clair W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,131,589; Sept. 27.
Halstead, William S., New York, N. Y. Radio traffic control system. 2,131,042; Sept. 27.
Hamilton Manufacturing Company. (See Lesperance, D. J., assignor.)
Harbes, John T., Kansas City, Mo. Trailer jack. 2,131,281; Sept. 27.
Hartlies, Charles H. (See Johnson, G. D., and Hardies.)
Hardy, William R., Austin, Tex. Cultivator. 2,131,659; Sept. 27.
Harshberger, Norman P., Scarsdale, and S. A. Ochs, assignors to Bakelite Building Products Co., Inc., New York, N. Y. Making building elements and the like. 2,131,043; Sept. 27.
Harshberger, Norman P., Scarsdale, and S. A. Ochs, assignors to Bakelite Building Products Co., New York, N. Y. Making building material. 2,131,044; Sept. 27.
Hart, Wilber, Midwest, Wyo. Ligator. 2,131,321; Sept. 27.
Hat Corporation of America. (See Cavanagh, John, assignor.)
Hathorn, Clarence J., assignor to The Stackpole Carbon Company, St. Mary's, Pa. Snap switch. 2,131,590; Sept. 27.
Hawkins, Harry. (See Almen, J. O., and Hawkins.)
Hawksworth, David W., Birmingham, Mich., assignor to Chicago-Hutchins Corporation, Chicago, Ill. Running board saddle construction. 2,131,174; Sept. 27.
Hedley, Norman, Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Cyanidation of precious metals. 2,131,535; Sept. 27.
Heffelfinger, Paul E. (See Jung, O. H., and Heffelfinger.)
Heidbrink, Jay A., Minneapolis, Minn., assignor to The Ohio Chemical and Manufacturing Company, Cleveland, Ohio. Control for therapeutic air conditions. 2,131,103; Sept. 27.
Heidmann, Leon, assignor to Forges & Ateliers de Constructions Electriques de Jeumont, Societe Anonyme, Paris, France. Water-jet apparatus. 2,131,660; Sept. 27.
Helgeby, Ralph O., Flint, assignor to General Motors Corporation, Detroit, Mich. Odometer reset mechanism. 2,131,622; Sept. 27.
Heller, George L., and C. W. Snow, Pampa, Tex., assignors to General Atlas Carbon Company, Dover, Del. Granular carbon black and manufacture. 2,131,686; Sept. 27.
Heller, Thornton P., Brownstown, Ind. Mixer. 2,131,513; Sept. 27.
Hemminger, Charles E. (See Brandegee, M. M., and Hemminger.)
Hemphill Company. (See St. Pierre, Eugene, assignor.)
Henderson, Albert, assignor to W. P. Witherow, Pittsburgh, Pa. Apparatus for making concrete articles. 2,131,474; Sept. 27.
Henning, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Automatic switch with positive defrost and quick freeze adjustments. 2,131,282; Sept. 27.
Henry, Seth, et al. (See Bear, Albert B., assignor.)
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper-silver-beryllium-manganese alloy. 2,131,104; Sept. 27.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Pressure exerting electrode. 2,131,475; Sept. 27.
Hercules Powder Company. (See Marsh, Henry N., assignor.)
Herrett, Wilbert A., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Insoluble anthraquinone compounds in concentrated form. 2,131,419; Sept. 27.
Heuck, Claus. (See Orothner, L., and Heuck.)
Heuer, Russell P., Bryn Mawr, and A. E. Fitzgerald, Merion, assignors to General Refractories Company, Philadelphia, Pa. Making flint clay brick. 2,131,252; Sept. 27.
Heyermans, Charles, and G. U. L. Sartoris, London, England. Vehicle suspension device. 2,131,661; Sept. 27.
Hickman, Kenneth C. D., J. R. Turner, and W. J. Weyerts, assignors to Eastman Kodak Company, Rochester, N. Y. Silver recovery. 2,131,045; Sept. 27.
Higgitt, Harry V., and K. L. Wood, assignors to Cable and Wireless Limited, London, England. Telegraph signaling apparatus. 2,131,322; Sept. 27.
Hikari Shoji Kabushiki Kaisha. (See Ozawa, Akinari, assignor.)
Hill, Raymond P., Orange, N. J. Draft tube throat ring. 2,131,105; Sept. 27.
Hirsch, Joseph. (See Jonas, Alexander, assignor.)
Hirshman, Abram. (See Cordiano, D., and Hirshman.)
Hoffman, Allan C., Milldale, assignor to Scovill Manufacturing Company, Waterbury, Conn. Lipstick container. 2,131,046; Sept. 27.
Holborn, Frederick. (See Bechberger, P. F., Thompson, and Holborn.)
Holland, Friedrich, Brockton, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Manufacture of welted footwear. 2,131,375; Sept. 27.
Holland Furnace Company. (See De Lin, Martin, assignor.)
Holmes, Edward D., Chicago, Ill., assignor to Sherwin-Williams Company, Cleveland, Ohio. Apparatus for conditioning and dispensing lacquers, enamels, and the like. 2,131,662; Sept. 27.
Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 2,131,175; Sept. 27.
Holzwarth Gas Turbine Co. (See Holzwarth, Hans, assignor.)
Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Method and apparatus for controlling the ignition in explosion chambers. 2,131,047; Sept. 27.
Honold, Ernst, Frankfort-on-the-Main, Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the benzanthronylaminoanthraquinone series. 2,131,176; Sept. 27.
Horton, Harry A., London, and L. A. Rose, Eastbourne, England. Wearing apparel. 2,131,177; Sept. 27.
Horvath, Anthony G., assignor to The Dayton Pump & Mfg. Co., Dayton, Ohio. Pump. 2,131,623; Sept. 27.
Horwitz, Hyman, and S. B. Megdall, Brooklyn, N. Y. Handbag lock mounting. 2,131,435; Sept. 27.
Hoskins, Harold B. (See O'Neill, E. W., and Hoskins.)
Houtermans, Fritz G. (See Knoll, M., Houtermans, and Schulze.)
Howell, Hugh A., Berwyn, assignor to F. Raffles, Chicago, Ill. Dynamo-electric machine. 2,131,436; Sept. 27.
Hubbard, Don C., Auburn, Maine. Ski heel. 2,131,283; Sept. 27.
Hubbart, James E., Seattle, Wash. Apparatus for cleaning grounds. 2,131,398; Sept. 27.
Hudoba, Anthony, Struthers, Ohio. Jar top. 2,131,106; Sept. 27.
Huebner, William C., New York, N. Y. Composing relief printing plates. 2,131,323; Sept. 27.
Hughes, Ambrose P., Chicago, Ill. Roaster. 2,131,663; Sept. 27.

Hull, George W., Kansas City, Kans. Soil working implement. 2,131,324; Sept. 27.
Hunt, Findley C., San Francisco, and L. J. McGrath, San Mateo, assignors to Zellerbach Paper Company, San Francisco, Calif. Fruit curtain. 2,131,376; Sept. 27.
Hygrade Sylvania Corporation. (See McCarthy, Henry J., assignor.)
Hygrade Sylvania Corporation. (See Miller, Carl F., assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Balle, Gerhard, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Daimler, K., and Thron, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schlack, Paul, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Stadler, R., and Auerhahn, assignors.)
Imperial Brass Manufacturing Company, The. (See Dobrick, A. C., and Tank, assignors.)
Imperial Chemical Industries Limited. (See Baird, W., and Davies, assignors.)
Imperial Chemical Industries Limited. (See Baldwin, A. W., and Piggott, assignors.)
Interior Steel Equipment Company, The. (See Schaefer, Joseph F., assignor.)
International Business Machine Corporation. (See Kölm, Ulrich M. W., assignor.)
International Engineering Corporation. (See Clark, Kendall, assignor.)
International Engineering Corporation. (See Root, J. J., and Sowa, assignors.)
International Novelty Company. (See Waddington, Arthur S., assignor.)
International Projector Corporation. (See Boecking, Ewald, assignor.)
International-Register Company. (See Niederst, George H., assignor.)
Isturiz, Jesus M., Caracas, Venezuela. Vaccinating method and means. 2,131,284; Sept. 27.
Jandus, Herbert S., Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill. Brake lever construction. 2,131,285; Sept. 27.
Jaroll, Louis, New York, N. Y. Electric vaporizer. 2,131,560; Sept. 27.
Jencick, Stephen, Chagrin Falls, assignor to Thompson Products, Inc., Cleveland, Ohio. Wheel suspension device for automobiles. 2,131,476; Sept. 27.
Jenkins, Francis C., Wichita, Kans. Window shade bracket. 2,131,399; Sept. 27.
Jennison, Herbert C., Bridgeport, assignor to The American Brass Company, Waterbury, Conn. Admiralty condenser tube. 2,131,437; Sept. 27.
Jensen, Joseph W., assignor to Electric Household Utilities Corporation, Chicago, Ill. Locking means for ironer supporting mechanism. 2,131,286; Sept. 27.
Jensen, Poul V., Hellerup, near Copenhagen, Denmark. Bottle capsule and process for manufacturing the same. 2,131,438; Sept. 27.
Johansen, John, Pactola, S. Dak. Vehicle lighting system. 2,131,664; Sept. 27.
Jones, Harry P., Brawley, assignor of one-fourth to P. Werve, El Centro, Calif. Tire deflation indicator switch. 2,131,561; Sept. 27.
Johns-Manville Corporation. (See Rinehart, Harry H., assignor.)
Johnson, Alex, assignor to Land O'Lakes Creameries, Inc., Minneapolis, Minn. Machine for cooling cream and like products. 2,131,439; Sept. 27.
Johnson, Alfred R., Clarkston, Wash. Pen or pencil holder. 2,131,624; Sept. 27.
Johnson, Edwin. (See Schwensen, L. C., and Johnson.)
Johnson, Glenn D., and C. H. Hardies, assignors to Baash-Ross Tool Company, Los Angeles, Calif. Slip. 2,131,400; Sept. 27.
Johnson, Herbert C., Chicago, Ill. Juice extracting device. 2,131,440; Sept. 27.
Johnson, Lynn E., and C. P. Cady, assignors to Westlake Manufacturing Corporation, Canastota, N. Y. Sander and control therefor. 2,131,514; Sept. 27.
Johnson, Warren V., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Mine car. 2,131,420; Sept. 27.
Johnson, Warren V., and R. C. Kepner, Bloomsburg, Pa., assignors to American Car and Foundry Company, New York, N. Y. Stub axle mine car. 2,131,491; Sept. 27.
Jonas, Alexander, assignor to J. Hirsch, Philadelphia, Pa. Coat or the like. 2,131,515; Sept. 27.
Joplin, William A., Wollaston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Carton sealing machine. 2,131,625; Sept. 27.
Jordan, Paul, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Rotary muffle furnace. 2,131,665; Sept. 27.
Joy, Joseph F., and L. E. Simmons, Claremont, N. H., assignors to Sullivan Machinery Company. Mining machine transmission mechanism. 2,131,178; Sept. 27.
Joy, Joseph F., and C. G. Boudette, Claremont, N. H., assignors to Sullivan Machinery Company. Mining machine feeding mechanism. 2,131,179; Sept. 27.
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company, Chicago, Ill. Mining coal. 2,131,180; Sept. 27.
Joyce, Lyndon W., and H. L. Ross, assignors to Southern Webbing Mills, Inc., Greensboro, N. C. Control system for looms. 2,131,706; Sept. 27.
Jung, Oscar H., Wauwatosa, and P. E. Heffelfinger, Milwaukee, Wis. Oiler. 2,131,441; Sept. 27.
Juno Corporation Limited. (See Duffield, William A., assignor.)
Kaack, Carl, Chicago, Ill. Suction cup. 2,131,224; Sept 27.
Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Packaging foods. 2,131,181; Sept. 27.
Kaplan, Samuel, assignor to Kastar Specialty Mfg. Co., Inc., New York, N. Y. Suction handle. 2,131,687; Sept. 27.
Karger, Milton M., Milwaukee, Wis. Packaging and dispensing fluent commodities. 2,131,325; Sept. 27.
Karlen, Willis W., Vilas, S. Dak. Combination sheet fastener and backing sheet. 2,131,401; Sept. 27.
Kastar Specialty Mfg. Co. (See Kaplan, Samuel, assignor.)
Kaster, Raymond C., assignor of one-fourth to L. J. Pearce, Olathe, and one-fourth to A. E. West, Merriam, Kans. Dump trailer. 2,131,326; Sept. 27.
Kavanaugh, Philip S. (See Lackstrom, J. W., and Kavanaugh.)
Keating, Daniel A. (See Pease, M. H., and Keating.)
Keith, Fay E., Western Springs, and C. F. Lindstrom, Chicago, Ill., assignors to General Electric Company. Furnace. 2,131,591; Sept. 27.
Keith, Raymond L., De Land, Fla. Sharpening jig. 2,131,626; Sept. 27.
Kelley, Walter T., Paducah, Ky. Double boiler. 2,131,287; Sept. 27.
Kellogg Company. (See McKay, Eugene H., assignor.)
Kells, Benjamin F., Cincinnati, Ohio, assignor to Container Corporation of America, Chicago, Ill. Cover for rectangular curved-top articles. 2,131,182; Sept. 27.
Kelsey-Hayes Wheel Company. (See Le Jeune, Frank H., assignor.)
Kepner, Robert C. (See Johnson, W. V., and Kepner.)
Kew, Frederick E., St. Louis, Mo. Apparatus for lifting liquids. 2,131,183; Sept. 27.
Keyser, Merriel D., Edgewood Arsenal, Md. Muzzle loading miniature mortar. 2,131,048; Sept. 27.
Kiesler, Frederick, New York, N. Y. Lamp and table construction. 2,131,049; Sept. 27.
King, Elsie H., South Bend, Wash. Logging apparatus. 2,131,402; Sept. 27.
King, Howard K., Philadelphia, Pa., assignor to Chambers Brothers Company. Brick and tile cutter. 2,131,562; Sept. 27.
Kinte, Reinhold, Brooklyn, N. Y. Boat construction. 2,131,627; Sept. 27.
Kinzie, Phillip A., assignor to Universal Hydraulic Corporation, Denver, Colo. Reciprocating gate valve. 2,131,050; Sept. 27.
Kinzie, Phillip A., B. A. Halliday, and W. H. Kohler, assignors to Universal Hydraulic Corporation, Denver, Colo. Internal stem operated tractor gate. 2,131,051; Sept. 27.
Kinzie, Phillip A., J. L. Savage, and W. H. Kohler, assignors to Universal Hydraulic Corporation, Denver, Colo. Cable operated tractor gate. 2,131,052; Sept. 27.
Kinzie, Phillip A., and W. H. Kohler, assignors to Universal Hydraulic Corporation, Denver, Colo. Gate valve. 2,131,053; Sept. 27.
Kirch, Theodore E., and D. R. Mead, Sheffield Township, Warren County, Pa. Manufacturing a photographic stencil. 2,131,225; Sept. 27.
Kirkpatrick, Ephraim W., Los Angeles, Calif. Power drive device. 2,131,288; Sept. 27.
Kirschbraun, Lester, Leonia, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y. Siding. 2,131,477; Sept. 27.
Klein, Lewis H., Chicago, Ill. Printing type and method of manufacturing. 2,131,289; Sept. 27.
Kliesrath, Victor W., South Bend, Ind., assignor to The Steel Wheel Corporation, Chicago, Ill. Vehicle. 2,131,184; Sept. 27.
Knapp-Monarch Company. (See Kochner, W. B., and Newnham, assignors.)
Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrooptical device. 2,131,185; Sept. 27.
Knoll, Max, assignor to Telefunken Gesellscraft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray tube. 2,131,563; Sept. 27.
Knoll, Max, Berlin-Westend, Germany, F. G. Houtermans, Hayes, England, and W. Schulze, Berlin-Charlottenburg, Germany. Electron microscope. 2,131,536; Sept. 27.
Kochner, William B., and E. Newnham, assignors to Knapp-Monarch Company, St. Louis, Mo. Food mixer and fruit juice extractor. 2,131,290; Sept. 27.
Kohl, Everard F., assignor to Selco Products, Inc., Cleveland, Ohio. Electric vibrating mechanism. 2,131,628; Sept. 27.
Kohl, Joseph A., Oakland, Calif. Grater. 2,131,377; Sept. 27.
Kohler, Warren H. (See Kinzie, P. A., and Kohler.)
Kohler, Warren H. (See Kinzie, P. A., Halliday, and Kohler.)
Kohler, Warren H. (See Kinzie, P. A., Savage, and Kohler.)

Kölm, Ulrich M. W., Berlin, Germany, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,131,226; Sept. 27.
Komjathy, Charles S. (See Dinco, M., and Komjathy, Ernest and C. S.)
Komjathy, Ernest. (See Dinco, M., and Komjathy, Ernest and C. S.)
Korengold, John A., Chicago, Ill. Lamp shade. 2,131,442; Sept. 27.
Koubek, John L. (See Michel, C. A., and Koubek.)
Koubek, John L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Reflector. 2,131,629; Sept. 27.
Kraeft, Herman L., assignor to The Murray-Ohio Manufacturing Co., Cleveland, Ohio. Cycle saddle. 2,131,140; Sept. 27.
Kraemer, Georg. (See Schoeller, C., Schwen, and Kraemer.)
Krause, August L., Providence, R. I., assignor to Brown and Sharpe Manufacturing Company. Grinding machine. 2,131,107; Sept. 27.
Kreider, Gideon R., Jr., Lebanon, Pa. Toy block. 2,131,349; Sept. 27.
Kreitler, Ignatius, River aux Vases, Mo. Door stop. 2,131,630; Sept. 27.
Kummerer, Wilhelm, and R. Gürtler, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Signaling. 2,131,443; Sept. 27.
Kurth, Franz J., London, England, assignor to Anemostat Corporation of America. Combined ventilating and illuminating device. 2,131,054; Sept. 27.
Lackey, Clemett H. W. (See Leyburn, H., and Lackey.)
Lackstrom, John W., and P. S. Kavanaugh, Springfield, Mass. Kitchen implement. 2,131,631; Sept. 27.
Ladue, Ralph E., Bronxville, N. Y., assignor to Mardel Corporation, Wilmington, Del. Shirt. 2,131,055; Sept. 27.
Lambert, M. M., administratrix. (See Earll, Charles L., assignor.)
Landis Tool Company. (See Ott, C. L., and Price, assignors.)
Land O'Lakes Creameries, Inc. (See Johnson, Alex, assignor.)
Lange, Alfons E., Hagen, E. Langguth, Hagen-Oberdelstern, E. Breuning, and A. Dassler, Hagen, assignors to Accumulatoren-Fabrik A.-G., Berlin, Germany. Electric battery, particularly secondary battery, and operating the same. 2,131,592; Sept. 27.
Langguth, Erich. (See Lange, A. E., Langguth, Breuning, and Dassler.)
Langille, Wilfred O., Chester, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Incandescent lamp. 2,131,253; Sept. 27.
Larsen, Earl I. (See Hensel, F. R., and Larsen.)
Lasier, David R., assignor to Norton Lasier Company, Chicago, Ill. Releasable holding arm for doors and the like. 2,131,564; Sept. 27.
Lateltin, Hugo, New York, N. Y., and H. E. Bernhard, Miami, Fla. Stereoscope. 2,131,444; Sept. 27.
Lauersdorf, Albino O., Rosario, Argentina. Automatic device for effecting telephone calls and transmitting signals. 2,131,565; Sept. 27.
Lawson, Oscar L., assignor to National Development Company, Lynn, Mass. Edge setting iron. 2,131,378; Sept. 27.
Lawton, Chester S., Ridgewood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Releasing gear. 2,131,445; Sept. 27.
Lay, Laurence C., Oil City, Pa. Viscometer. 2,131,379; Sept. 27.
Le Blond, R. K. Machine Tool Company, The. (See Groene, W. F., and Meyer, assignors.)
Leemans, Joseph P., assignor to Société Générale Métallurgique de Hoboken, Hoboken-Lez-Anvers, Belgium. Treatment of substances containing tantalum and/or niobium. 2,131,350; Sept. 27.
Lee Rubber & Tire Corporation. (See Nellen, Arthur H., assignor.)
Leffel, James and Company, The. (See Biggs, George A., assignor.)
Leffert, Herman, and E. E. Woldman, Cleveland, Ohio, assignors, by mesne assignments, to Alba Pharmaceutical Company, Inc., New York, N. Y. Pharmaceutical apparatus. 2,131,516; Sept. 27.
Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming brake drums. 2,131,186; Sept. 27.
Leonard, Joseph, Allentown, Pa., assignor to Charis Corporation, New York, N. Y. Foundation garment for women. 2,131,707; Sept. 27.
Lesperance, Delore J., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Illuminated board for draftsmen or the like. 2,131,708; Sept. 27.
Levy, Austin T. (See Estes, Joseph C., assignor.)
Levy, Austin T., Harrisville, R. I. Building. 2,131,461; Sept. 27.
Levy, Austin T., Harrisville, R. I. Prefabricated building. 2,131,465; Sept. 27.
Levy, Austin T., Harrisville, R. I. Prefabricated building. 2,131,466; Sept. 27.
Levy, Austin T., Harrisville, R. I. Prefabricated building. 2,131,467; Sept. 27.
Lewis, John L., Hamilton, Ontario, Canada, assignor to American Can Company, New York, N. Y. Method and apparatus for making can covers. 2,131,057; Sept. 27.
Leyburn, Henry, Newcastle-upon-Tyne, and C. H. W. Lackey, Chester-Le-Street, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Earthing arrangement for electric apparatus. 2,131,517; Sept. 27.
Leyland, Thomas, Machinery Company. (See Shute, Charles W., assignor.)
Liebmann, Gerhard, Berlin, Germany. Producing finely divided metallic layers. 2,131,187; Sept. 27.
Lind, John H., Santa Barbard, Mexico, assignor to American Smelting and Refining Company, New York, N. Y. Drill. 2,131,056; Sept. 27.
Lindell, Bertil T., Detroit, Mich., assignor to The Murray Corporation of America. Barrel. 2,131,632; Sept. 27.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Short wave communication system. 2,131,108; Sept. 27.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Amplifier. 2,131,566; Sept. 27.
Linderman, Stewart H., Burlington, N. J., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Multi-ply manifolding roll. 2,131,380; Sept. 27.
Linderman, Stewart H., Burlington, N. J., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Carbon set. 2,131,381; Sept. 27.
Lindholm, Arthur W., East Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Carton lining machine. 2,131,633; Sept. 27.
Lindstrom, Cidron F. (See Keith, F. E., and Lindstrom.)
Lippard, Van F., Washington, D. C. Live center. 2,131,327; Sept. 27.
Liquid Carbonic Corporation, The. (See Kantor, James, assignor.)
Little, Arthur D., Inc. (See Avery, Julian M., assignor.)
Little, Walter S., assignor of one-half to J. L. Sullivan, Manchester, N. H. Combined searchlight and tester. 2,131,351; Sept. 27.
Lobel, Rudolph, New York, N. Y. Handbag. 2,131,382; Sept. 27.
Locke, William B., Ferndale, Mich. Labeling machine. 2,131,227; Sept. 27.
Loehr, Leslie K., and W. E. Burdick, assignors to The Startomatic Corporation, Los Angeles, Calif. Automatic starting mechanism. 2,131,403; Sept. 27.
Loewenstein, Ludwig, Chicago, Ill. Device for molding frozen confections. 2,131,446; Sept. 27.
Logan, John Ogden, Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Chlorine dioxide. 2,131,447; Sept. 27.
Long, Bernard, Paris, France, assignor to The American Securit Company, Washington, D. C. Method and apparatus for tempering glass. 2,131,404; Sept. 27.
L'Orange, Rudolf, Stuttgart-Feuerbach, Germany. Fuel injection pump. 2,131,228; Sept. 27.
Loughridge, William R., et al., as executors. (See Everett, Edward A.)
Lowell, Percival D., Chevy Chase, Md., assignor to Radio Corporation of America, New York, N. Y. Radio telegraph receiving system. 2,131,109; Sept. 27.
Lowen, Bert, assignor to Gordonian Printing Co., Inc., New York, N. Y. Advertising insert. 2,131,448; Sept. 27.
Lubrication Corporation, The. (See Tear, Harry R., assignor.)
Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Newark, N. J. Method and apparatus for control of superheat by gas mass flow. 2,131,058; Sept. 27.
Lurssen, Herman H., assignor of one-half to M. M. Caplan, Baltimore, Md. Dispensing container. 2,131,518; Sept. 27.
Lynn, Moore, Santa Monica, Calif. Trailer. 2,131,110; Sept. 27.
Lyon, George A., Allenhurst, N. J. Snap-on ornamental grille guard. 2,131,059; Sept. 27.
Madsen, Sern. (See Aldeen, G. W., and Madsen.)
Magnesium Development Corporation. (See Schulze, Rudolf, assignor.)
Malcolm, Vincent T., assignor to The Chapman Valve Mfg. Co., Indian Orchard, Mass. Metal treating. 2,131,709; Sept. 27.
Malcolm, Vincent T., assignor to The Chapman Valve Mfg. Co., Indian Orchard, Mass. Treating steel. 2,131,710; Sept. 27.
Mallory, P. R., & Co. (See Hensel, F. R., and Larsen, assignors.)
Malluk, Assad M., New York, N. Y. Over-all snap lock protector for fuel tank caps. 2,131,060; Sept. 27.
Mann, Hubert, New York, N. Y. Galvanometer fiber or string. 2,131,478; Sept. 27.
Marchant, Frankie Lee, executrix. (See Marchant, William E.)
Marchant, William E., deceased, Detroit, Mich.; F. L. Marchant, executrix. Riveting machine. 2,131,688; Sept. 27.
Marchev, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating mechanism. 2,131,112; Sept. 27.
Marchev, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating apparatus. 2,131,113; Sept. 27.
Mardel Corporation. (See Ladue, Ralph E., assignor.)

Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Reversible lock slider. 2,131,567; Sept. 27.
Maris, James C., Glenolden, Pa. Steam dome. 2,131,537; Sept. 27.
Marsh, Henry N., assignor to Hercules Powder Company, Wilmington, Del. Propellant explosive. 2,131,061; Sept. 27.
Marsh, Henry N., assignor to Hercules Powder Company, Wilmington, Del. Propellant explosive. 2,131,352; Sept. 27.
Marsh, Henry N., assignor to Hercules Powder Company, Wilmington, Del. Propellant explosive. 2,131,353; Sept. 27.
Marsh, Henry N., assignor to Hercules Powder Company, Wilmington, Del. Propellant explosive. 2,131,354; Sept. 27.
Marsh, Henry N., assignor to Hercules Powder Company, Wilmington, Del. Propellant explosive. 2,131,383; Sept. 27.
Marsh, Laura A., Portland, Maine. Protective shield for kitchen sinks and the like. 2,131,111; Sept. 27.
Marshall, Robert N., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,131,593; Sept. 27.
Marshall, William B., assignor to Chain Belt Company, Milwaukee, Wis. Triturating apparatus. 2,131,689; Sept. 27.
Marshall, William B., assignor to Chain Belt Company, Milwaukee, Wis. Sedimentation apparatus. 2,131,690; Sept. 27.
Martin, George E. (See Chase, T. P., and Martin.)
Martz, Joseph A., assignor of one-half to H. J. Stewart, New Kensington, Pa. Tire chain applier. 2,131,405; Sept. 27.
Mary, Clotaire, Paris, France. Pneumatic polishing wheel. 2,131,449; Sept. 27.
Masinter, Morris L. (See Patteson, Robert C., assignor.)
Mason Box Company, The. (See Rhodes, Russell I., assignor.)
Mathieson Alkali Works, Inc., The. (See Logan, John O., assignor.)
Maust, Charles I., Summit, N. J. Signal system for excavators. 2,131,291; Sept. 27.
Mauthner, Desider, Budapest, Hungary. Working process for internal combustion engines and apparatus for carrying the same into effect. 2,131,384; Sept. 27.
Mayer, Hans. (See Straub, F., and Mayer.)
Mayo, Frank R. (See Williams, I., and Mayo.)
McBride, Samuel R., Ravenna, Ohio, assignor to H. L. F. Company, Los Angeles, Calif. Treatment of metal. 2,131,062; Sept. 27.
McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,131,385; Sept. 27.
McCarthy, Henry J., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Wave signaling system. 2,131,538; Sept. 27.
McDaniel, George R., Cincinnati, Ohio, assignor, by mesne assignments, to Diamond Alkali Company, Pittsburgh, Pa. Stable, hydrous silicate and making same. 2,131,718; Sept. 27.
McDougall, Shirley A., assignor to Dextora Company, Indianapolis, Ind. Apparatus for dehydrating viscous materials. 2,131,666; Sept. 27.
McDowell, Thomas E., and W. A. Wulle, assignors to The Pyle-National Company, Chicago, Ill. Fuse ejector. 2,131,292; Sept. 27.
McGiffert, John R., and O. L. Berby, assignors to Clyde Iron Works, Duluth, Minn. Loading hoist. 2,131,479; Sept. 27.
McGill, Howard H., et al. (See Bear, Albert Barnes, assignor.)
McGrath, Leigh J. See Hunt, F. C. and McGrath.)
McKay, Eugene H., assignor to Kellogg Company, Battle Creek, Mich. Cereal food process. 2,131,450; Sept. 27.
McLean, Philip S., et al. (See Barrington, J. W., and White.)
McMennamin, Harold G., Rumford, Maine. (Dog's plaything. 2,131,229; Sept. 27.
Mead, David R. (See Kirch, T. E., and Mead.)
Megdall, Sanford B. (See Horwitz, H., and Megdall.)
Meiners, Frank X. (See Daly, L., and Meiners.)
Merck & Co. Inc. (See Weijlard, John, assignor.)
Merla Tool Company. (See Crickmer, Charles S., assignor.)
Metallochemische Fabrik, A.-G. (See Claus, Willi, assignor.)
Meyer, Walter R. (See Groene, W. F., and Meyer.)
Michel, Clarence A., and J. L. Koubek, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Automobile head lamp. 2,131,634; Sept. 27.
Michelssen, Fritz, Berlin-Steglitz, assignor to Neufeldt & Kuhne G. m. b. H., Kiel, Germany. Light-controlled signaling system. 2,131,328; Sept. 27.
Micro-Westco, Incorporated. (See Petskeyes, Charles H., assignor.)
Miescher, Karl, Riehen, near Basel, and E. Urech, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Therapeutically active amidines. 2,131,141; Sept. 27.
Miller, Burton F., Hollywood, assignor to United Research Corporation, Long Island City, N. Y. Sound recording. 2,131,293; Sept. 27.

Miller, Carl F., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Method and apparatus for manufacture of electrodes for electron discharge tubes. 2,131,254; Sept. 27.
Miller, Charles J., Chicago, Ill. Table. 2,131,594; Sept. 27.
Miller Printing Machinery Co. (See Upham, Burt F., assignor.)
Mishelevich, Benjamin., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Ground detecting apparatus. 2,131,386; Sept. 27.
Mizuta, Masakichi, Marunouchi, Kojimachiku, Tokyo, and T. Yoshimura, Okubo, Kashiwazaki-Machi, Kariha-gun, Niigata-ken, assignors to Nippon Sekiyu Kabushiki Kaisha, Tokyo, Japan. Method of refining cracked oil by using metallic soaps of naphthenic acid. 2,131,519; Sept. 27.
Monti, Charles, Bay Shore, N. Y. Twin cylinder engine. 2,131,595; Sept. 27.
Moore, George W., Broomall, Pa. Liquid feed control device. 2,131,329; Sept. 27.
Morgan, Hartford L., San Francisco, Calif. Piston ring. 2,131,230; Sept. 27.
Morgenstern, Paul. (See Prinz, L., and Morgenstern.)
Morin, Ernest A., and M. Bornstein, St. Hyacinthe, assignors to Consolidated Silk Mills, Ltd., Montreal, Quebec, Canada. Weft replenishing loom. 2,131,114; Sept. 27.
Mork, George W., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Drag bucket and clevis therefor. 2,131,063; Sept. 27.
Morris, Marion W. (See Catron, H., Dashner, and Morris.)
Morris, Virgil, Daisy, Tenn., assignor to Richmond Hosiery Mills, Rossville, Ga. Machine for and making knitted articles. 2,131,231; Sept. 27.
Mosmieri, Leonardo, and G. Dal Pino, Florence, Italy, assignors, by mesne assignments, to The American Securit Company. Device for tempering sheets of glass, of steel, and other material, by air. 2,131,406; Sept. 27.
Mueller, William A., Hollywood, assignor to United Research Corporation, Burbank, Calif. Sound recording. 2,131,294; Sept. 27.
Mulcahy, James H., Los Angeles, Calif. Can opener and sealer. 2,131,596; Sept. 27.
Mullen, Raymond F., assignor to General Motors Corporation, Rochester, N. Y. Steam heater for automobiles. 2,131,635; Sept. 27.
Müller, Adolf, Niedersedlitz, near Dresden, Germany. Device for separating a mixture of fine and coarse material particles. 2,131,451; Sept. 27.
Mullins Manufacturing Corporation. (See French, J. W., and Carlson, assignors.)
Mureau, Charles A., Los Angeles, Calif. Cosmetic applicator. 2,131,539; Sept. 27.
Murray Corporation of America, The. (See Lindell, Bertil T., assignor.)
Murray-Ohio Manufacturing Co., The. (See Kraeft, Herman L., assignor.)
Murray, William H., Detroit, Mich. Lock for threaded fastening instrumentalities. 2,131,407; Sept. 27.
Murrer, Herbert C., Cincinnati, Ohio. Tackle box tray. 2,131,408; Sept. 27.
Musher, Albert, New York, N. Y., assignor to Musher Corporation, Elizabeth, N. J. Food base and composition containing same. 2,131,064; Sept. 27.
Musher Corporation. (See Musher, Albert, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See de Boer, Jan H., assignor.)
Nai, Alfredo, assignor to "Chatillon" Societa Anonima Italiana per le Fibre Tessili Artificiali, Milan, Italy. Washing, desulphurizing, bleaching, finishing, and like treatments of artificial yarns. 2,131,409; Sept. 27.
Naisuler, Harry E., Whitman, Mass. Framework construction. 2,131,115; Sept. 27.
National Aniline & Chemical Company. (See Herrett, Wilbert A., assignor.)
National Aniline and Chemical Company. (See Thornton, Irving T., assignor.)
National Cash Register Company, The. (See Arnold, Charles H., assignor.)
National Development Company. (See Lawson, Oscar L., assignor.)
National Fuels Corporation. (See Berry, George A., assignor.)
National Standard Company. (See Pierce, Robert C., assignor.)
Naunton, William J. S., Manchester, and G. H. C. Corner, Birmingham, England, assignors to Talon, Inc. Making slide fasteners. 2,131,255; Sept. 27.
Neal, Arthur M. (See Williams, I., and Neal.)
Neebe, Lawrence L., Woodbury, N. J. Waist bearer and crosstie. 2,131,540; Sept. 27.
Neeson, Charles R., New Rochelle, N. Y., assignor to Baldwin-Southwark Corporation. Refrigerating system for cooling or heating. 2,131,355; Sept. 27.
Nellen, Arthur H., Merion, assignor to Lee Rubber & Tire Corporation, Conshohocken, Pa. Tire construction. 2,131,636; Sept. 27.
Nelson, Bert J. (See Coles, W. H., and Nelson.)
Nelson, Clarence E. (See Ames, R. A., Barner, and Nelson.)
Nelson, Gustave A., et al., executors. (See Everett, Edward A.)

Neresheimer, Heinrich, and W. Ruppel, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone series. 2,131,480; Sept. 27.
Neufeldt & Kuhne G. m. b. H. (See Michelssen, Fritz, assignor.)
New Jersey Machine Corporation. (See von Hofe, George W., assignor.)
Newnham, Eugene. (See Kochner, W. B., and Newnham.)
News Projection Corporation. (See Eitzen, August D., assignor.)
Newton, Albert E., assignor to Premier Electric Heaters, Limited, Birmingham, England. Imitation fire. 2,131,410; Sept. 27.
Niederst, George H., assignor, by mense assignments, to International-Register Company, Chicago, Ill. Coin controlled metering device. 2,131,597; Sept. 27.
Nikas, Theodore, et al. (See Bear, Albert B., assignor.)
Niles-Bement-Pond Company. (See Whitehead, Alexander G., assignor.)
Nippon Sekiyu Kabushiki Kaisha. (See Mizuta, M., and Yoshimura, assignors.)
Noble, Roy L., Sac City, Iowa. Draft equalizer. 2,131,667; Sept. 27.
Nock, Joseph A., Jr., Tarentum, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 2,131,520; Sept. 27.
Nomar, Louis N., Charleston, W. Va. Convertible article of furniture. 2,131,411; Sept. 27.
Norburn, Charles S., Asheville, N. C. Pneumatic organ. 2,131,637; Sept. 27.
Northrup, Amos E., Detroit, Mich., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Vehicle construction. 2,131,116; Sept. 27.
Norton Lasier Company. (See Lasier, David R., assignor.)
Nye, Alvin F., assignor to Fil-Bac Products Corporation, Rochester, N. Y. Sliding window fixture. 2,131,521; Sept. 27.
Oakes Products Corporation. (See Jandus, Herbert S., assignor.)
Obermaier, Carl F., York, Pa., assignor to General Electric Company. Method and apparatus for applying a fibrous coating to a filament. 2,131,598; Sept. 27.
Obermaier, John A., Chicago, Ill. Resistance thermometer. 2,131,065; Sept. 27.
Obermaier, John A., Chicago, Ill. Sealed connecter. 2,131,066; Sept. 27.
Obstfeld, Abe, et al. (See Drypolcher, William, assignor.)
Obstfeld, Lou, et al. (See Drypolcher, William, assignor.)
Ocenasek, William F., assignor to Walker-Turner Company, Inc., Plainfield, N. J. Tilting arbor table saw. 2,131,492; Sept. 27.
Ochs, Sidney A. (See Harshberger, N. P., and Ochs.)
O'Connor, George K., Evanston, assignor to Smoot Engineering Corporation, Chicago, Ill. Regulator. 2,131,481; Sept. 27.
Ogle, Kenneth N., assignor to trustees of Dartmouth College, Hanover, N. H. Correcting binocular vision. 2,131,232; Sept. 27.
Ohio Chemical and Manufacturing Company, The. (See Heidbrink, Jay A., assignor.)
O'Neill, Eugene W., and H. B. Hoskins, New York, N. Y., assignors to Cannon Mills Company, Kannapolis, N. C. Package. 2,131,699; Sept. 27.
Orthner, Ludwig, Frankfort-on-the-Main, and C. Heuck, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Addition products of glycide. 2,131,142; Sept. 27.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,131,188; Sept. 27.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,131,189; Sept. 27.
Östman, Oskar A., Tikkakoski, Knikka, Finland. Case for cartridges. 2,131,412; Sept. 27.
Ott, Conrad L., Detroit, and R. E. Price, assignors to Landis Tool Company, Waynesboro, Pa. Index safety device. 2,131,233; Sept. 27.
Ozawa, Akinari, Omori-ku, Tokyo, assignor to Hikari Shoji Kabushiki Kaisha, Tokyo, Japan. Making "urushi" or Japanese lacquer films having pictures or letters. 2,131,330; Sept. 27.
Paden, Alonzo E., Youngstown, assignor of one-half to J. E. Dutton, Poland, Ohio. Doorknob and plate. 2,131,067; Sept. 27.
Pairpoint Corporation, The. (See Tonelli, Ethil, assignor.)
Palmer, Bartlett J., and O. A. Schiernbeck, Davenport, Iowa. Uniform speed driving apparatus. 2,131,234; Sept. 27.
Pamel, Christ D., et al. (See Bear, Albert B., assignor.)
Pardee, Frank, Jr., Hazelton, Pa., and E. Curtin, Webster Springs, W. Va., assignors to Anthracite Separator Company, Hazelton, Pa. Mountainside car transportation system. 2,131,452; Sept. 27.
Parkes, Bertrand A. and R. C., Philadelphia, Pa. Fan or blower construction. 2,131,691; Sept. 27.
Parkes, Ralph C. (See Parkes, Bertrand A. and R. C.)
Parsons, Philip D., Swarthmore, assignor to Scott Paper Company, Chester, Pa. Package wrapping machine. 2,131,668; Sept. 27.
Passmore, George P., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lapping machine and method. 2,131,638; Sept. 27.
Patent and Licensing Corporation, The. (See Kirschbraun, Lester, assignor.)
Patteson, Robert C., assignor of one-third to M. L. Masinter, Roanoke, Va. Rotary compressor. 2,131,453; Sept. 27.
Payne, William H., La Grange, Ill. Draft connection for trailers. 2,131,068; Sept. 27.
Pearce, Leo J., et al. (See Kaster, Raymond C., assignor.)
Pease, Maurice H., New Britain, and D. A. Keating, Bridgeport, assignors to The Stanley Works, New Britain, Conn. Rolling mill drive. 2,131,541; Sept. 27.
Pelly, Bernard B. (See Schwarz, Harvey G., assignor.)
Penberthy Injector Company. (See Byram, Frederick C., assignor.)
Penn Electric Switch Co. (See Henning, Malcolm E., assignor.)
Penn Electric Switch Co. (See Persons, Lawrence M., assignor.)
Penn Electric Switch Co. (See Shaw, Burton E., assignor.)
Penn Metal Company. (See Redding, E. T., and Spinosa, assignors).
Pennsylvania Furnace & Iron Co. (See Crary, Horace A., assignor.)
Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Room temperature controlling system. 2,131,295; Sept. 27.
Peters, George E., and L. E. Russell, assignors to Peters & Russell, Inc., Springfield, Ohio. Horn ring for automobiles. 2,131,542; Sept. 27.
Peters & Russell, Inc. (See Peters, G. E., and Russell, assignors).
Peterson, Charles W., assignor, by mesne assignments, to The Crosley Radio Corporation, Cincinnati, Ohio. Refrigerator. 2,131,522; Sept. 27.
Peterson, Seth E., Galva, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,131,568; Sept. 27.
Petsche, Joseph D., and V. Bezjak, Cleveland, Ohio. Electric vehicle jack. 2,131,296; Sept. 27.
Petskeyes, Charles H., assignor to Micro-Westco, Incorporated, Bettendorf, Iowa. Feed mechanism for slicing machines. 2,131,256; Sept. 27.
Philadelphia Quartz Company. (See Vail, James G., assignor.)
Phillips, Paul D., Elmhurst, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Globe type explosionproof fixture. 2,131,117; Sept. 27.
Phillips Petroleum Company. (See Schulze, Walter A., assignor.)
Pieper, Oscar H., Rochester, N. Y. Cord strain relief means. 2,131,297; Sept. 27.
Pierce Governor Company. (See Benjamin, Walter E., assignor.)
Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Manufacture of core elements. 2,131,069; Sept. 27.
Piggott, Henry A. (See Baldwin, A. W., and Piggott.)
Pikul, Joseph H., assignor to The Reece Button Hole Machine Company, Boston, Mass. Button sewing machine. 2,131,387; Sept. 27.
Pilgrim Badge and Label Corporation. (See Rosenthal, Sidney, assignor.)
Pitchers, Archibald R. and R. J., Godalming, England. Tool for use in knitting machines. 2,131,331; Sept. 27.
Pitchers, Robert J. (See Pitchers, Archibald R. and R. J.)
Pittsburgh Plate Glass Company. (See Gwinn, William B., assignor.)
Place, Willard P., Wilkinsburg, assignor to Union Switch & Signal Company, Swissvale, Pa. Apparatus for communication systems. 2,131,388; Sept. 27.
Pneumatic Scale Corporation. (See Lindholm, Arthur W., assignor.)
Pneumatic Scale Corporation, Limited. (See Joplin, William A., assignor.)
Poland, Frank F., New Brunswick, N. J. Apparatus for casting metal. 2,131,070; Sept. 27.
Poliakoff, Alexander, London, England. Sound reproducing apparatus. 2,131,669; Sept. 27.
Pontikis, James, et al. (See Bear, Albert B., assignor.)
Porter, George R. (See Chico, R., Porter, and Webb.)
Porteous, William K., Twickenham, assignor of fifteen per cent to W. T. Towler, London, England. Sewage disposal. 2,131,711; Sept. 27.
Post, Claude L., Chicago, Ill. Calendar. 2,131,482; Sept. 27.
Powers Regulator Company, The. (See Snediker, Morton O., assignor.)
Praeger, Melville, New York, N. Y. Scaffold horse. 2,131,356; Sept. 27.
Premier Electric Heaters, Limited. (See Newton, Albert E., assignor.)
Prestinari, Eugen, Summit, assignor to Gemex Company, Newark, N. J. Bracelet cord clasp. 2,131,454; Sept. 27.
Preston, Sam B., Birmingham, Ala. Scarf. 2,131,118; Sept. 27.
Price, Ralph E. (See Ott, C. L., and Price.)

Primographic Company, Limited, The. (See Prinz, L., and Morgenstern, assignors.)
Prince, Earl S., Sterling, Ill. Liquid mixing apparatus. 2,131,190; Sept. 27.
Prinz, Leopold, London, and P. Morgenstern, Vienna, assignors to The Primographic Company Limited, London, England. Process for the photomechanical production of single- or multicolor pictures or writing on hard material. 2,131,298; Sept. 27.
Pulles, Cornelis A. J. (See Van Mierlo, S., Pulles, Smets, and Devaux.)
Pyle-National Company, The. (See McDowell, T. E., and Wulle, assignors.)
Pyrene Manufacturing Company. (See Crowder, William A., assignor.)
Quinn, Nelson J., Toledo, assignor of one-half to H. B. Fay, Shaker Heights, Ohio. Abrasive projecting apparatus. 2,131,143; Sept. 27.
Quintavalle, Umberto, assignor to Fabrica Italiana Magneti Marelli Soc. An., Milan, Italy. Ignition magneto. 2,131,523; Sept. 27.
R-B-M Manufacturing Co. (See Catron, H., Dashner, and Morris, assignors.)
Radioaktiengesellschaft D. S. Loewe. (See Schlesinger, Kurt, assignor.)
Radioaktiengesellschaft D. S. Loewe. (See von Ardenne, Manfred, assignor.)
Radio Corporation of America. (See Artzt, Maurice, assignor.)
Radio Corporation of America. (See Dimmick, Glenn L., assignor.)
Radio Corporation of America. (See Lindenblad, Nils E., assignor.)
Radio Corporation of America. (See Lowell, Percival D., assignor.)
Raduns, Solomon, Brooklyn, N. Y. Bedspring construction. 2,131,071; Sept. 27.
Raffles, Frank. (See Howell, Hugh A., assignor.)
Randall, James W. H., and H. Van Grunenberg, New York, N. Y. Deodorizing material. 2,131,235; Sept. 27.
Reagin, George E., Tulsa, Okla. Pumping apparatus. 2,131,299; Sept. 27.
Reece Button Hole Machine Company, The. (See Pikul, Joseph H., assignor.)
Reeh, Erich, Hanover, Germany. Torsion balance. 2,131,357; Sept. 27.
Redding, Edward T., and A. V. Spinosa, assignors to Penn Metal Company, Inc., Parkersburg, W. Va. Expanded metal lath. 2,131,670; Sept. 27.
Reed, George F., assignor to M. M. Reed, Pittsburgh, Pa. Illuminated display sign. 2,131,671; Sept. 27.
Reed, Myrtle M. (See Reed, George F., assignor.)
Reid, James S. (See Roberts, D., and Reid.)
Reid, Marvin J., assignor to Eastman Kodak Company, Rochester, N. Y. Silver recovery. 2,131,072; Sept. 27.
Reiser, Isidore, New York, N. Y. Hat body blocking and stretching machine. 2,131,300; Sept. 27.
Reitan, Christian S., Brooklyn, N. Y. Child's ski. 2,131,569; Sept. 27.
Reliable Electric Co. (See Fotsch, William G., assignor.)
Republic Flow Meters Company. (See Spitzglass, Albert F., assignor.)
Research Corporation. (See Sherwood, T. K., and Garono, assignors.)
Revertex, Ltd. (See von Schweinitz, Hans D. G., assignor.)
Reynolds Corporation. (See Coddington, Edwin D., assignor.)
Reynolds Metals Company. (See Cage, James, assignor)
Reyrolle, A., & Company Limited. (See Leyburn, H., and Lackey, assignors.)
Rhodes, Russell I., North Attleboro, assignor to The Mason Box Company, Attleboro Falls, Mass. Container and method of making. 2,131,389; Sept. 27.
Rich, John A., Prairie du Sac, Wis. Berry and fruit picking apparatus. 2,131,672; Sept. 27.
Richmond Hosiery Mills. (See Morris, Virgil, assignor.)
Riesner, B. L. (See Ferri, Tito A., assignor.)
Rike, Howard A., Fort Worth, Tex. Valve. 2,131,301; Sept. 27.
Riley, Herbert E., New York, N. Y. Exercise device. 2,131,570; Sept. 27.
Rinehart, Harry H., New Market, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Antiskid unit and making the same. 2,131,571; Sept. 27.
Ringwald, Clarence, Springfield, Ohio, assignor of one-half to J. A. Dienner, Evanston, Ill. Ignition coil. 2,131,483; Sept. 27.
Ringwald, Clarence, Springfield, Ohio. Heater. 2,131,484; Sept. 27.
Risley, Walter J., Jr., North Hills, assignor to The Curtis Publishing Company, Philadelphia, Pa. Drying apparatus for web printing presses. 2,131,257; Sept. 27.
Roberts, Dudley, New York, N. Y., and J. S. Reid, Cleveland, Ohio; said Reid assignor to Rubatex Products, Inc., New York, N. Y. Manufacture of expanded rubber. 2,131,073; Sept. 27.
Robertson, H. H., Company. (See Young, James H., assignor.)
Robertson Paper Box Company. (See Tiskey, Walter J., assignor.)
Robinson, Eugene O., Hutchinson, Kans. Tank-carrying truck. 2,131,673; Sept. 27.
Rock, Arthur A., deceased, by M. Rock, executrix, Wauwatosa, Wis. Polishing spacebands. 2,131,639; Sept. 27.
Rock, Monica. (See Rock, Arthur A.)
Roethell, Bruno E., and E. E. Stahly, Baton Rouge, La., assignors to Standard Oil Development Company. Dispersion of olefines in acid polymerization. 2,131,191; Sept. 27.
Roos, Ed., Company. (See Ziegler, Walter, assignor.)
Root, John J., and F. J. Sowa, South Bend, Ind., assignors to International Engineering Corporation, Chicago, Ill. Refrigeration. 2,131,119; Sept. 27.
Rose, Elmer N., Oceanside, Calif. Game. 2,131,332; Sept. 27.
Rose, Lily A. (See Horton, H. A., and Rose.)
Rosenfeld, Isidor, New York, N. Y. Dress pattern. 2,131,390; Sept. 27.
Rosenthal, Sidney, Great Neck, N. Y., assignor to Pilgrim Badge and Label Corporation, Cambridge, Mass. Tag for floor coverings or the like. 2,131,543; Sept. 27.
Ross, Harold L. (See Joyce, L. W., and Ross.)
Roth, Leon. (See Crotty, J. J., and Roth.)
Rothschild, Sol, Brooklyn, N. Y. Scalpel. 2,131,358; Sept. 27.
Rubatex Products, Inc. (See Roberts, D., and (Reid, assignor).)
Rumford Chemical Works. (See Fiske, Augustus H., assignor.)
Ruppel, Wilhelm. (See Neresheimer, H., and Ruppel.)
Russell Linus E. (See Peters, G. E., and Russell.)
Saarinen, Armas J., assignor to Granberg Meter Corporation, San Francisco, Calif. Rotary meter. 2,131,236; Sept. 27.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,131,640; Sept. 27.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Electric meter service installation. 2,131,641; Sept. 27.
Safety Stop Motion Co. (See Steinhart, Joseph, assignor.)
St. Pierre, Eugene, Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitted fabric and making the same. 2,131,720; Sept. 27.
Salb Laboratories, Inc. (See Salb, Oscar G., assignor.)
Salb, Oscar G., Seymour, assignor to Salb-Laboratories, Inc., Indianapolis, Ind. Hexamethylenetetramine N bismuth iodide. 2,131,144; Sept. 27.
Salomon, Schachna M., and S. Busch, assignors to Sunbred Limited, London, England. Reduction of grain and its subsequent conversion into bread or like product. 2,131,674; Sept. 27.
Sanford, Roy S., New York, N. Y., assignor to Bendix Products Corporation, South Bend, Ind. Clutch operating mechanism. 2,131,075; Sept. 27.
Sartoris, George U. L. (See Heyermans, C., and Sartoris.)
Saunders, Norman H., Homewood, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,131,572; Sept. 27.
Savage, John L. (See Kinzie, P. A., Savage, and Kohler.)
Schaefer, Joseph F., assignor to The Interior Steel Equipment Company, Cleveland, Ohio. Locker construction and latch mechanism. 2,131,642; Sept. 27.
Schärer-Nussbaumer & Co. (See Siegenthaler, Walter, assignor.)
Schieber, Robert E., Detroit, Mich. Table structure. 2,131,675; Sept. 27.
Schiernbeck, Otto A. (See Palmer, B. J., and Schiernbeck.)
Schlack, Paul, Berlin-Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of organic compounds containing basic substituents. 2,131,120; Sept. 27.
Schlack, Paul, Berlin-Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Increasing the fastness of dyeings. 2,131,121; Sept. 27.
Schlack, Paul Berlin-Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Increasing the reactivity of naturally or artificially shaped articles or materials and product obtained thereby. 2,131,145; Sept. 27.
Schlack, Paul, Berlin-Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Treatment of materials for varying their affinity. 2,131,146; Sept. 27.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. High vacuum television tube. 2,131,192; Sept. 27.
Schlesinger, Kurt, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Transformer coupling for television amplifiers. 2,131,193; Sept. 27.
Schlesinger, Kurt, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Superheterodyne receiver. 2,131,194; Sept. 27.
Schlett, Otto, New York, N. Y. Convertible furniture device. 2,131,122; Sept. 27.
Schneider, Helmuth G. (See Archibald, F. M., and Schneider.)
Schneider, Helmuth G., and J. V. Sommer, Elizabeth, N. J., assignors to Standard Oil Development Company, Production of drying oils. 2,131,195; Sept. 27.

Schneider, Helmuth G., Elizabeth, N. J., assignor to Standard Oil Development Company. Polymers and making the same. 2,131,196; Sept. 27.
Schoeller, Conrad G. Schwen, and G. Kraemer, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Organic dyestuffs and producing them. 2,131,712; Sept. 27.
Schraffenberger, Strieder, Millburn, N. J. Display carton. 2,131,391; Sept. 27.
Schrecker, Rudolf. (See Szathmáry, József, assignor.)
Schulze, John F. W., Shaker Heights, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Agglomerating comminuted zinciferous materials. 2,131,074; Sept. 27.
Schulze, Rudolf, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Production of anhydrous magnesium carbonate. 2,131,524; Sept. 27.
Schulze, Walter A., assignor to Phillips Petroleum Company, Bartlesville, Okla. Separating treating solutions from petroleum oils. 2,131,525; Sept. 27.
Schulze, Werner. (See Knoll, M., Houtermans, and Schulze.)
Schutte, Ernest O., Chicago, Ill. Atomizer head. 2,131,455; Sept. 27.
Schwarz, Harvey G., Seattle, Wash., assignor to B. B. Pelly. Aluminum alloy and making the same, piston and piston ring formed from said alloy. 2,131,076; Sept. 27.
Schwen, Gustav. (See Schoeller, C., Schwen, and Kraemer.)
Schwensen, Louis C., and E. Johnson, Brooklyn, N. Y. Sound deafening supporting means for floors. 2,131,485; Sept. 27.
Seffzig, Otto, Berlin, Germany. Punching multicolor printing plates. 2,131,359; Sept. 27.
Scott Paper Company. (See Parsons, Philip D., assignor.)
Scovill Manufacturing Company. (See Fenton, Paul E., assignor.)
Scovill Manufacturing Company. (See Hoffman, Allan C., assignor.)
Seamless Rubber Company, The. (See Crowley, Cornelius J., assignor.)
Searight, William H., assignor, by mesne assignments, to Western Cataphote Corporation, Toledo, Ohio. Chain mounting for reflector buttons. 2,131,123; Sept. 27.
Secretary of Agriculture of the United States of America. (See Webb, Byron H., assignor.)
Seeger Refrigerator Company. (See Ellsworth, W. A., and Swedman, assignors.)
Seifer, Theo, Berlin, Germany. Motor working in a bore hole by means of a rinsing liquid. 2,131,392; Sept. 27.
Seifert, Charles H., Hempstead, N. Y. Tooth cleaning device. 2,131,676; Sept. 27.
Seico Products Inc. (See Kohl, Everard F., assignor.)
Self, Malcolm E., Eunice, N. Mex. Extra casing jaw for drill pipe tongs. 2,131,643; Sept. 27.
Selle, Otto C., Denver, Colo. Rotary pump. 2,131,302; Sept. 27.
Selund, Robert B., Calumet City, assignor to Standard Oil Company, Chicago, Ill. Removal of wax from rotary filters. 2,131,303; Sept. 27.
Sharpe, John S., Haverford, Pa. Reversing gear. 2,131,677; Sept. 27.
Shaw, Burton E., Adel, assignor to Penn Electric Switch Co., Des Moines, Iowa. Selector for control clocks. 2,131,304; Sept. 27.
Shaw, Burton E., Adel, assignor to Penn Electric Switch Co., Des Moines, Iowa. Stoker hopper switch. 2,131,305; Sept. 27.
Shaw, Ernest C. (See Ganzert, Albert E., assignor.)
Shell Development Company. (See Anderson, Alvin P., assignor.)
Shell Development Company. (See Beeck, O., Burgin, and Groll, assignors.)
Shepard, Everett H., assignor to General Motors Corporation, Detroit, Mich. Ignition timing control. 2,131,413; Sept. 27.
Sherrell, John W., Roswell, N. Mex. Oil can opener. 2,131,644; Sept. 27.
Sherwin-Williams Company. (See Holmes, Edward D., assignor.)
Sherwood, Thomas K., Wellesley, Mass., and L. E. Garono, Buffalo, assignors to Research Corporation, New York, N. Y. Drying. 2,131,645; Sept. 27.
Shively, James H., Houston, Tex. Liquid testing device. 2,131,526; Sept. 27.
Shrum, Arthur T., Poland, assignor, by mesne assignments, to W. C. Coryell, Youngstown, Ohio. Manufacture of mineral wool. 2,131,599; Sept. 27.
Shuko, Stephen. (See Garrison, John J.)
Shute, Charles W., Boston, assignor to F. T. Walsh, doing business as Thomas Leyland Machinery Company, Boston, Mass. Bowed expander roll. 2,131,692; Sept. 27.
Siegenthaler, Walter, assignor to the firm Schärer-Nussbaumer & Co., Erlenbach-Zurich, Switzerland. Cop winding machine. 2,131,147; Sept. 27.
Siegenthaler, Walter, assignor to the firm Schärer-Nussbaumer & Co., Erlenbach-Zurich, Switzerland. Winding device for winding machines. 2,131,148; Sept. 27.
Siemens & Halske, Aktiengesellschaft. (See Waldschmidt, Ernst, assignor.)
Simon, Henry, Limited. (See Frérotte, Auguste, assignor.)
Simmons, Leon E. (See Joy, J. F., and Simmons.)
Singer Manufacturing Company, The. (See Langille, Wilfred O., assignor.)
Skinner Irrigation Company, The. (See Coles, W. H., and Nelson, assignors.)
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,131,456; Sept. 27.
Smets, Florent E. A. (See Van Mierlo, S., Pulles, Smets, and Devaux.)
Smith, Cyril S., Cheshire, Conn., assignor to Anaconda Copper Mining Company, New York, N. Y. Improving the surface of copper and copper alloy castings. 2,131,719; Sept. 27.
Smith, Ferris N., Grand Rapids, Mich. Humidifier. 2,131,125; Sept. 27.
Smith, Herbert F., Springfield, Ohio. Grinding machine. 2,131,151; Sept. 27.
Smith, Hinsdale, Springfield, Mass., assignor to H. Smith, Jr., New York, N. Y. Projection apparatus. 2,131,693; Sept. 27.
Smith, Hinsdale, Jr. (See Smith, Hinsdale, assignor.)
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,131,149; Sept. 27.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,131,150; Sept. 27.
Smith, Orville, Chagrin Falls, Ohio. Unitary bathroom structure. 2,131,124; Sept. 27.
Smith, Senora C., Hamburg, Pa. Window shade. 2,131,646; Sept. 27.
Smoot Engineering Corporation. (See O'Connor, George K., assignor.)
Snediker, Morton O., assignor to The Powers Regulator Company, Chicago, Ill. Recording thermometer. 2,131,573; Sept. 27.
Snow, Carl W. (See Heller, G. L., and Snow.)
Snyder, Arthur N., Jackson Heights, Long Island, N. Y. Applicator. 2,131,077; Sept. 27.
Société Anonyme Bernard & Cie. (See Tachat, Jeanne, assignor.)
Societe Anonyme: Societe des Freins Hydrauliques S. de Lavaud. (See Brisson, Louis C., assignor.)
Société Générale Métallurgique de Hoboken. (See Leemans, Joseph P., assignor.)
Society of Chemical Industry in Basle. (See Miescher, K., and Urech, assignors.)
Society of Chemical Industry in Basle. (See Straub, F., and Mayer, assignors.)
Sommer, Julius V. (See Schneider, H. G., and Sommer.)
Sousedik, Josef, Vsetin, Czechoslovakia. Vehicle transmission control. 2,131,527; Sept. 27.
Southern Webbing Mills, Inc. (See Joyce, L. W., and Ross, assignors.)
Sowa, Frank J. (See Root, J. J., and Sowa.)
Soyer, Robert, Viroflay, France. Flying machine adapted to land on water. 2,131,528; Sept. 27.
Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Axle housing and making same. 2,131,237; Sept. 27.
Speer Carbon Company. (See Bemis, Arthur S., assignor.)
Sperry Gyroscope Company. (See Carter, Leslie F., assignor.)
Spinosa, Arthur V. (See Redding, E. T., and Spinosa.)
Spissell, John J., New York, N. Y. Telephone rest. 2,131,648; Sept. 27.
Spitzglass, Albert F., assignor to Republic Flow Meters Company, Chicago, Ill. Fluid meter. 2,131,486; Sept. 27.
Stackpole Carbon Company, The. (See Hathorn, Clarence J., assignor.)
Stadler, Robert, and A. Auerhahn, Heidelberg, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of conversion products of acetylene. 2,131,197; Sept. 27.
Stahl, Frank E., deceased, Tonawanda, N. Y.; L. M. Stahl, administratrix. Antiskid cross chain. 2,131,713; Sept. 27.
Stahl, Lillie M., administratrix. (See Stahl, Frank E.)
Stahly, Eldon E. (See Roethell, B. E., and Stahly.)
Standard Alcohol Company. (See Archibald, F. M., and Schneider, assignors.)
Standard Oil Company. (See Selund, Robert B., assignor.)
Standard Oil Development Company. (See Baldeschwieler, Emile L., assignor.)
Standard Oil Development Company. (See English, Edward F., assignor.)
Standard Oil Development Company. (See Roethell, B. E., and Stahly, assignors.)
Standard Oil Development Company. (See Schneider, Helmuth G., assignor.)
Standard Oil Development Company. (See Schneider, H. G., and Sommer, assignors.)
Standard Oil Development Company. (See Wells, A. A., and Collins, assignors.)
Stanley Works, The. (See Pease, M. H., and Keating, assignors.)
Stanley Works, The. (See Stowell, Austin L., assignor.)
Startomatic Corporation, The. (See Loehr, L. K., and Burdick, assignors.)

Staud, Cyril J. (See Brooker, L. G. S., and Staud.)
Steel Wheel Corporation, The. (See Kliesrath, Victor W., assignor.)
Steinhart, Joseph, New York, N. Y., assignor to Safety Stop Motion Co. Electric stop motion system for knitting machines. 2,131,600; Sept. 27.
Stewart, Douglas S. S., Regents Park, London, England. Telephone instrument. 2,131,529; Sept. 27.
Stewart, Howard J. (See Martz, Joseph A., assignor.)
Stickney, Burnham C., Hillside, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,131,152; Sept. 27.
Stillwell, Albert L., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave amplifying system. 2,131,393; Sept. 27.
Stinson, John M. (See Chandler, William W., assignor.)
Stoesser, Wesley C., assignor to The Dow Chemical Company, Midland, Mich. Iodo-phenylphenols. 2,131,258; Sept. 27.
Stoesser, Wesley C., assignor to The Dow Chemical Company, Midland, Mich. Preparation of pentachlorophenol. 2,131,259; Sept. 27.
Stollberg, Walter C., Quincy, Ill. Heater. 2,131,334; Sept. 27.
Stone, Walter I., Worcester, assignor of one-half to J. J. Adams, Shrewsbury, Mass. Machine for cutting sheet material. 2,131,153; Sept. 27.
Stowell, Austin L., assignor to The Stanley Works, New Britain, Conn. Collable measuring rule. 2,131,694; Sept. 27.
Stowell, Austin L., assignor to The Stanley Works, New Britain, Conn. Inside wind collable measuring rule. 2,131,695; Sept. 27.
Straub, Fritz, and H. Mayer, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Colored plastic mass and making the same. 2,131,154; Sept. 27.
Streeter-Amet Company. (See Basquin, O. H., and Haegele, assignors.)
Streeter-Amet Company. (See Haegele, O. P., and Basquin, assignors.)
Strege, Warren C., Madison, Minn. Portable base. 2,131,647; Sept. 27.
Strouse-Baer Company, The. (See Baer, Abram K., assignor.)
Sullivan, John L. (See Little, Walter S., assignor.)
Sullivan Machinery Company. (See Holmes, Morris P., assignor.)
Sullivan Machinery Company. (See Joy, Joseph F., assignor.)
Sullivan Machinery Company. (See Joy, J. F., and Boudette, assignors.)
Sullivan Machinery Company. (See Joy, J. F., and Simmons, assignors.)
Sullivan Machinery Company. (See Osgood, Charles F., assignor.)
Sullivan, Timothy J., assignor to Sullivan Valve and Engineering Company, Butte, Mont. Apparatus for feeding water to steam boilers. 2,131,335; Sept. 27.
Sullivan, Timothy J., assignor to Sullivan Valve and Engineering Company, Butte, Mont. Direct fired steam mangle. 2,131,336; Sept. 27.
Sullivan Valve and Engineering Company. (See Sullivan, Timothy J., assignor.)
Sunbred Limited. (See Salomon, S. M., and Busch, assignors.)
Swedman, Enoch. (See Ellsworth, W. A., and Swedman.)
Swertfeger, Harold C., Carson, Va. Vehicle stake. 2,131,337; Sept. 27.
Szathmáry, József, assignor to R. Schrecker, Budapest, Hungary. Match lighting device. 2,131,678; Sept. 27.
Tachat, Jeanne, assignor to Société Anonyme Bernard & Cie, Paris, France. Bust supporter. 2,131,457; Sept. 27.
Tagliabue, Charles J., Mfg. Co. (See Bast, Frank J., assignor.)
Tagliabue, Charles J., Mfg. Co. (See Fairchild, Charles O., assignor.)
Talon, Inc. (See De Voe, Albert H., assignor.)
Talon, Inc. (See Naunton, W. J. S., and Corner, assignors.)
Tank, Ralph A. (See Dobrick, A. C., and Tank.)
Tapley, Ralph A., McMasterville, Quebec, Canada, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive. 2,131,574; Sept. 27.
Tasman, George, Brooklyn, N. Y. Automobile door locking mechanism. 2,131,198; Sept. 27.
Taub, Sol, New York, N. Y. Food check punching device. 2,131,601; Sept. 27.
Taylor, Irving P., and F. G. Bates, Highland Park, Mich. Combined can opener and dispenser for oil, antifreeze material, and the like. 2,131,238; Sept. 27.
Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Cartridge for lubricants or the like. 2,131,487; Sept. 27.
Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Dispenser. 2,131,488; Sept. 27.
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Knoll, Max, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kummerer, W., and Gürtler, assignors.)
Temple, George W., New York, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Tumbler. 2,131,260; Sept. 27.
Ten Cate, Steven Jan B., Kootwijk, Netherlands. Manufacturing artificial compositions. 2,131,022; Sept. 27.
Tenney, Perry L., Munice, Ind., assignor to General Motors Corporation, Detroit, Mich. Synchronizing transmission mechanism. 2,131,199; Sept. 27.
Ter Horst, William P., Packnack Lake, N. J., assignor to United States Rubber Company, New York, N. Y. Vulcanization of rubber. 2,131,126; Sept. 27.
Ter Horst, William P., Silver Lake, Ohio, assignor to United States Rubber Company, New York, N. Y. Vulcanization of rubber. 2,131,127; Sept. 27.
Test, William H., Los Angeles, Calif. Production of vegetable concentrates. 2,131,394; Sept. 27.
Thearle, Ernest L., Schenectady, N. Y., assignor to General Electric Company. Dynamically balancing rotatable body. 2,131,602; Sept. 27.
Thomas, Chester A. (See Babson, H. B., and Thomas.)
Thompson, Charles S. (See Bechberger, P. F., Thompson, and Holborn.)
Thompson, John B. D., and S. Udstad, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Railway car construction. 2,131,493; Sept. 27.
Thompson Products, Inc. (See Jencick, Stephen, assignor.)
Thompson, William. (See Arthur, J. L., and Thompson.)
Thompson, William D., Birmingham, Mich., assignor to Chicago-Hutchins Corporation. Car roof. 2,131,200; Sept. 27.
Thorn, Percy M., New Rochelle, N. Y. Closure for receptacles. 2,131,078; Sept. 27.
Thorn, Percy M., New Rochelle, N. Y. Closure. 2,131,079; Sept. 27.
Thornton, Irving T., Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Apparatus for granulating friable material. 2,131,128; Sept. 27.
Thron, Heinz. (See Daimler, K., and Thron.)
Thumim, Carl, Lansdowne, Pa., assignor to General Electric Company. Operating mechanism. 2,131,603; Sept. 27.
Thuringische Glaswollindustrie vorm. S. Koch Gesellschaft mit beschränkter Haftung. (See Cordts, Hans F. C., assignor.)
Tidy Products Corporation. (See Astrove, Joseph, assignor.)
Tiskey, Walter J., assignor to Robertson Paper Box Company, Inc., Montville, Conn. Display box. 2,131,239; Sept. 27.
Tonelli, Ethil, Fall River, assignor to The Pairpoint Corporation, New Bedford, Mass. Cone winding machine. 2,131,604; Sept. 27.
Tower Optical Company, The. (See Casey, Arthur F., assignor.)
Towler, William T. (See Porteous, William K., assignor.)
Traver, Oliver C., Drexel Hill, Pa., assignor to General Electric Company. Protective apparatus. 2,131,605; Sept. 27.
Trustees of Dartmouth College. (See Ogle, Kenneth N., assignor.)
Tucker, Edgar M., South Pasadena, assignor of one-half to W. H. Fabry, Alhambra, Calif. Drain device. 2,131,240; Sept. 27.
Turnage, Julius M., Richmond, Va. Horn signaling and steering wheel spinning device. 2,131,649; Sept. 27.
Turnbow, Grover D. (See Gray, C. E., and Turnbow.)
Turner, Charles S., Detroit, Mich. Steam generating and superheating apparatus. 2,131,080; Sept. 27.
Turner, John R. (See Hickman, K. C. D., Turner, and Weyerts.)
Turner, Richard M., Kew, Australia. Control means for sliding bolt door catches. 2,131,458; Sept. 27.
Turnbow, Grover D. (See Gray, C. E., and Turnbow.)
Tyler, Tracy B., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Composite clutch. 2,131,201; Sept. 27.
Udstad, Sigvald. (See Thompson, J. B. D., and Udstad.)
Ulrich, Gus E., Cumberland, Md. Shedding mechanism. 2,131,679; Sept. 27.
Underwood Elliott Fisher Company. (See Anderson, Walter A., assignor.)
Underwood Elliott Fisher Company. (See Dobson, William A., assignor.)
Underwood Elliott Fisher Company. (See Linderman, Stewart H., assignor.)
Underwood Elliott Fisher Company. (See Smith, Jesse A. B., assignor.)
Underwood Elliott Fisher Company. (See Stickney, Burnham C., assignor.)
Union Switch & Signal Company. (See Allen, Earl M., assignor.)
Union Switch & Signal Company, The. (See McCann, Ronald A., assignor.)
Union Switch & Signal Company, The. (See Mishelevich, Benjamin, assignor.)
Union Switch & Signal Company. (See Place, Willard P., assignor.)
United Research Corporation. (See Haas, Paul, assignor.)
United Research Corporation. (See Miller, Burton F., assignor.)
United Research Corporation. (See Mueller, William A., assignor.)
United States Rubber Company. (See ter Horst, William P., assignor.)

Universal Hydraulic Corporation. (See Kinzie, Phillip A., assignor.)
Universal Hydraulic Corporation. (See Kinzie, P. A., and Kohler, assignors.)
Universal Hydraulic Corporation. (See Kinzie, P. A., Halliday, and Kohler, assignors.)
Universal Hydraulic Corporation. (See Kinzie, P. A., Savage, and Kohler, assignors.)
Universal Trunk Company. (See Blumenthal, Samuel, assignor.)
Upham, Burt F., assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Safety plate-shearing device for ink rollers. 2,131,489; Sept. 27.
Urech, Ernst. (See Miescher, K., and Urech.)
Usitall Company. (See Bemelmans, Ernest, assignor.)
Vail, James G., Media, assignor to Philadelphia Quartz Company, Philadelphia, Pa. Consolidation of porous materials. 2,131,338; Sept. 27.
Valletta, Vittorio, assignor to Fiot Società Anonima, Turin, Italy. Checking device for motor car doors. 2,131,339; Sept. 27.
Van Grunenberg, Hubert. (See Randall, J. W. H., and Van Grunenberg.)
Van Mierlo, Stanislas, C. A. J. Pulles, F. E. A. Smets, and L. Devaux, Paris, France, assignors to Western Electric Company, Incorporated, New York, N. Y. Simplified teleprinter and system. 2,131,202; Sept. 27.
Victor Metal Products Corporation. (See Temple, George W., assignor.)
Von Ardenne, Manfred, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television method. 2,131,203; Sept. 27.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Adhesive applying means. 2,131,606; Sept. 27.
Von Schweinitz, Hans D. G., Frankfort-on-the-Main-Hochst, Germany, assignor, by mesne assignments, to the firm of Revertex, Ltd., London, England. Concentration of aqueous dispersions of rubber and similar rubber-like substances. 2,131,333; Sept. 27.
Voss, Arthur, Yonkers, assignors to Graef & Schmidt, Inc., New York, N. Y. Kitchen scissors. 2,131,395; Sept. 27.
Waddington, Aurthur S., Dartford, assignor to International Novelty Company, Limited, London, England. Movement for operating signs, advertising devices, and the like. 2,131,340; Sept. 27.
Wade, Allan J., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,131,607; Sept. 27.
Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Fabricating glass machine and method. 2,131,241; Sept. 27.
Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Hydrodynamic balance feeder and feeding molten glass. 2,131,242; Sept. 27.
Waldschmidt, Ernst, assignor to Siemens & Halske, Aktiengesellschaft, Berlin-Siemensstadt, Germany. Indirectly heated thermionic cathode. 2,131,204; Sept. 27.
Walker, Brooks, Piedmont, Calif. Motor vehicle. 2,131,306; Sept. 27.
Walker, Nevilles E., Portland, Oreg. Toy aeroplane propeller mounting. 2,131,490; Sept. 27.
Walker, O. S., Co. Inc. (See Beechlyn, John T., assignor.)
Walker-Turner Company. (See Ocenasek, William F., assignor.)
Waller, Charles W., Chicago, Ill. Aircraft. 2,131,155; Sept. 27.
Walsh, Frederick T., doing business as Thomas Leyland Machinery Company. (See Shute, Charles W., assignor.)
Wareing, Joseph, Buffalo, N. Y. Clothespin. 2,131,081; Sept. 27.
Warrington, Albert R. V., Springfield, Pa., assignor to General Electric Corporation. Protective apparatus. 2,131,608; Sept. 27.
Waters, Lawrence W., Los Angeles, Calif. Windshield Wiper. 2,131,341; Sept. 27.
Weatherhead, Albert J., Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Brake. 2,131,459; Sept. 27.
Weatherhead Company, The. (See Weatherhead, Albert J., Jr., assignor.)
Webb, Byron H., Washington, D. C., assignor to Secretary of Agriculture of the United States of America. Fruit whip and the preparation thereof. 2,131,650; Sept. 27.
Webb, George. (See Chico, R., Porter, and Webb.)
Weed, Walter A., Orlando, Fla. Sharpening or grinding device. 2,131,530; Sept. 27.
Weijlard, John, assignor to Merck & Co. Inc., Rahway, N. J. Preparing intermediate for hormone production. 2,131,082; Sept. 27.
Weiland, Alfred, Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Rotary seal. 2,131,544; Sept. 27.
Weisbaum, Jack, Cincinnati, Ohio. Necktie manufacture. 2,131,545; Sept. 27.
Wells, Alfred A., Roselle Park, and J. O. Collins, Cranford, N. J., assignors to Standard Oil Development Company. Modifying properties of asphalts. 2,131,205; Sept. 27.
Werve, Paul. (See Jones, Harry P., assignor.)
West, A. E. et al. (See Kaster, Raymond C., assignor.)
Westburgh, Arthur E., Jamestown, N. Y. Spring action friction block structure. 2,131,414; Sept. 27.
Western Cataphote Corporation. (See Searight, William H., assignor.)
Western Electric Company. (See Van Mierlo, S., Pulles, Smets, and Devaux, assignors.)
Western Union Telegraph Company, The. (See Bechberger, P. F., Thompson, and Holborn, assignors.)
Western Union Telegraph Company, The. (See Haglund, Hakon H., assignor.)
Western Union Telegraph Company, The. (See Lawton, Chester S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Passmore, George P., assignor.)
Westlake Manufacturing Corporation. (See Johnson, L. E., and Cady, assignors.)
Weston Electrical Instrument Corporation. (See Goodsell, Charles D., assignor.)
Weyerts, Walter J. (See Hickman, K. C. D., Turner, and Weyerts.)
Whipple, Charles R., assignor to Eaton Paper Corporation, Pittsfield, Mass. Envelope. 2,131,575; Sept. 27.
Whitaker, Herbert W., East Hartford, Conn. Cover for receptacles. 2,131,243; Sept. 27.
White, Harry O., Jr., Sebastopol, Calif. Incense burner. 2,131,460; Sept. 27.
White, Jewel. (See Campbell, George, assignor.)
White, Milton, et al. (See Barrington, J. W., and White.)
Whitehall Patents Corporation. (See Marinsky, Davis, assignor.)
Whitehead, Alexander G., East Hartford, assignor to Niles Bement-Pond Company, Hartford, Conn. Cross feed mechanism for lathes. 2,131,129; Sept. 27.
Whiteley, Frank A., Minneapolis, Minn. Apparatus for effecting refrigeration air-conditioning. 2,131,700; Sept. 27.
Wilcoxen, Jesse I., Jr. (See Wilcoxen, J. I., Sr., and J. I., Jr.)
Wilcoxen, Jesse I., Sr., and J. I., Jr., Ford, Kans. Agricultural implement. 2,131,546; Sept. 27.
Williams, Ira, Woodstown, N. J., and A. M. Neal, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preservation of rubber. 2,131,206; Sept. 27.
Williams, Ira, Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanization of rubber. 2,131,244; Sept. 27.
Williams, Ira, Woodstown, N. J., and F. R. Mayo, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanization of rubber. 2,131,245; Sept. 27.
Willys-Overland Motors, Inc. (See Northrup, Amos E., assignor.)
Wilson, Claude, Los Angeles, Calif. Carburetor. 2,131,246; Sept. 27.
Wilson, Ellsworth M., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thread winding apparatus. 2,131,130; Sept. 27.
Wilson, Harry L., Memphis, Tenn. Dispensing box. 2,131,494; Sept. 27.
Winn, Sydney B., Lapeer, Mich. Suspension for vehicles. 2,131,083; Sept. 27.
Winter, Courtney P., Chambersburg, Pa. Change speed mechanism. 2,131,247; Sept. 27.
Witherow, William P. (See Henderson, Albert, assignor.)
Woelfer, Frank C., Jr., assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Receptacle. 2,131,714; Sept. 27.
Woldman, Edward E. (See Leffert, H., and Woldman.)
Wolf, Charles M., et al. (See Gilowitz, Benjamin, assignor.)
Wolff, Edward, New York, N. Y. Printing press. 2,131,207; Sept. 27.
Woo, Jack, Port Allee, British Columbia, Canada. Dispensing device. 2,131,651; Sept. 27.
Wood, John, Manufacturing Company. (See Desimone, C. A., and Woodford, assignors.)
Wood, Kenneth L. (See Higgitt, H. V., and Wood.)
Woodford, Joseph C. (See Desimone, C. A., and Woodford.)
Woodruff, Byron C., Tampa, Fla., assignor of one-half to R. Brandaleone, New York, and one-half to S. Bregman, Brooklyn, N. Y. Apparatus for the treatment of rheumatic and arthritis conditions. 2,131,360; Sept. 27.
Woodward, Hoke, Los Angeles, Calif. Apparatus for opening and closing doors. 2,131,415; Sept. 27.
Wulle, William A. (See McDowell, T. E., and Wulle.)
Yardley, James W., Chicago, Ill. Shower curtain position retainer. 2,131,156; Sept. 27.
Yoshimura, Teiji. (See Mizuta, M., and Yoshimura.)
Young, Hugh E., Chicago, Ill. Remote control indicator. 2,131,084; Sept. 27.
Young, James H., assignor to H. H. Robertson Company, Pittsburgh, Pa. Composite floor for buildings and like structures. 2,131,652; Sept. 27.

Z Pack Corporation. (See Zarotschenzeff, Mikail T., assignor.)
Zahodiakin, Victor F., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Refrigerator. 2,131,680; Sept. 27.
Zarotschenzeff, Mikail T., Rochester, N. Y., assignor, by mesne assignments, to Z Pack Corporation, Jersey City, N. J. Apparatus for refrigeration. 2,131,131; Sept. 27.
Zellerbach Paper Company. (See Hunt, F. C., and McGrath, assignors.)
Zetts, Andrew, Lakewood, Ohio. Adjustable support for clotheslines and the like. 2,131,416; Sept. 27.
Ziegler, Walter, Forest Park, Ill., assignor to Ed. Roos Company, Chest. 2,131,576; Sept. 27.
Zublin, John A., Los Angeles, and J. S. Goodwin, Alhambra, Calif.; said Goodwin assignor to said Zublin. Melting metals by use of an electric furnace. 2,131,396; Sept. 27.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 27TH DAY OF SEPTEMBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrasive article and making same, Preformed. E. S. Merriam. Re. 20,868; Sept. 27.

LIST OF DESIGN INVENTIONS

Accordion. C. Farny. 111,486; Sept. 27.
Accordion. J. Vassos. 111,555; Sept. 27.
Air circulator. J. J. Janca and P. M. Brannan. 111,542; Sept. 27.
Belt. E. C. Bennett. 111,532; Sept. 27.
Belt or similar article. W. Walter. 111,556; Sept. 27.
Bookcase. H. A. McCune. 111,519; Sept. 27.
Bottle display group and container therefor, Combined. L. Mann. 111,546; Sept. 27.
Building. H. F. Duncan. 111,534; Sept. 27.
Bumper, Vertical. L. S. Poncher. 111,521; Sept. 27.
Cabinet, phonograph cabinet and desk, Combined radio. W. Jagosz. 111,514; Sept. 27.
Cabinet, Phonograph. W. Corcoran. 111,508; Sept. 27.
Cabinet, Physician's equipment. J. Beeber. 111,503; Sept. 27.
Card and pencil, Combined display. H. Hassenfeld. 111,492; Sept. 27.
Case, Toilet article. G. R. Graff. 111,536–9; Sept. 27.
Case, Vanity. A. Wewetzer. 111,528–9; Sept. 27.
Case, Wrist watch. A. Wulschpard. 111,530; Sept. 27.
Casing for a recording machine. R. J. Niederhauser. 111,520; Sept. 27.
Chair. W. H. Bond, Jr. 111,485; Sept. 27.
Chair. W. H. Bond, Jr. 111,505; Sept. 27.
Chaise, Sun. A. Wesley. 111,501; Sept. 27.
Coat. A. Alper. 111,483; Sept. 27.
Coat. A. Shotland. 111,499; Sept. 27.
Cover for a vacuum cleaner or similar article. L. Guild. 111,512; Sept. 27.
Desk, bookcase and radio cabinet, Combined. W. Jagosz. 111,513; Sept. 27.
Dress. J. Abbate. 111,531; Sept. 27.
Dress. J. Abbate. 111,557; Sept. 27.
Dress. Y. Guyon. 111,558; Sept. 27.
Dress. A. Guzy. 111,559; Sept. 27.
Dress. J. J. Kushner. 111,543; Sept. 27.
Dress. B. Machanoff. 111,560; Sept. 27.
Dress. B. Shapiro. 111,562; Sept. 27.
Dress ensemble. S. Reich. 111,561; Sept. 27.
Dress ensemble. M. Stone. 111,563; Sept. 27.
Dress or similar article. A. H. Morris. 111,548; Sept. 27.
Eraser and pencil tip, Combined. H. B. Van Dorn. 111,554; Sept. 27.
Escutcheon plate for a combined radio tuning dial and control panel, or the like. L. J. Leishman. 111,517; Sept. 27.
Font, Printing type. F. H. E. Schneidler. 111,552; Sept. 27.
Game, Disk. W. A. Troth. 111,527; Sept. 27.
Gun or the like, Spray. G. W. Tammen. 111,526; Sept. 27.
Handkerchief. V. Fazio. 111,487; Sept. 27.
Handle, Casket. A. J. Christian. 111,506; Sept. 27.
Handle for kitchen utensils and the like. C. Fischer. 111,489; Sept. 27.
Hat. M. J. Marks. 111,496; Sept. 27.
Hood and casing for a hair and scalp steamer, Combined. F. V. Schleimer. 111,551; Sept. 27.
Key ring and flashlight, Combined. I. Florman. 111,535; Sept. 27.
Lamp base or similar article. H. A. Perlmutter. 111,549; Sept. 27.
Lamp, Gas range electric. E. R. Guyer. 111,540; Sept. 27.
Marker, Light-reflecting road. C. A. Persons. 111,550; Sept. 27.
Moccasin or similar article. E. J. Biel. 111,484; Sept. 27.
Mower or similar article, Power lawn. A. R. Cooper. 111,507; Sept. 27.
Plate or similar article, Oyster server. A. J. Bennett. 111,504; Sept. 27.
Pot, Wall plant. E. H. Preston. 111,522; Sept. 27.
Reflector device, Automobile. C. D. Little. 111,544; Sept. 27.
Resonance indicator. W. W. Dewhurst. 111,533; Sept. 27.
Ring or similar article, Finger. J. L. Herzog. 111,493; Sept. 27.
Rug. M. Feldman. 111,488; Sept. 27.
Scale and vending device, Combined weighing. G. G. Eidman. 111,510; Sept. 27.
Scarf or similar article. D. E. Schwab. 111,498; Sept. 27.
Scooter, Motor. D. C. Rockola. 111,525; Sept. 27.
Servicing apparatus or the like for filling stations. A. P. Fox. 111,511; Sept. 27.
Shaker, Cocktail. A. Solomon. 111,500; Sept. 27.
Shoe. H. B. Delman. 111,509; Sept. 27.
Shoe. H. Geller. 111,490; Sept. 27.
Spoon or other article of flatware. A. G. Kintz. 111,515; Sept. 27.
Stand for perfume bottles. L. Lelong. 111,518; Sept. 27.
Stopper or similar article. A. Holmgren. 111,541; Sept. 27.
Suit. J. A. Silverman. 111,553; Sept. 27.
Sunglasses. E. K. Madan. 111,494–5; Sept. 27.
Textile fabric. M. Guhl. 111,491; Sept. 27.
Textile fabric or similar article. A. Wortman. 111,502; Sept. 27.
Tool, Miner's. J. D. Martin. 111,497; Sept. 27.
Turnstile. S. Madsen. 111,545; Sept. 27.
Ventilator, Roof. F. J. Kreutzer. 111,516; Sept. 27.
Ventilator, Rotary. J. H. McDerment. 111,547; Sept. 27.
Washing machine. E. S. Preston. 111,523–4; Sept. 27.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 27TH DAY OF SEPTEMBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrading appliance. K. H. Bowen. 2,131,309; Sept. 27.
Abrasive projecting apparatus. N. J. Quinn. 2,131,143; Sept. 27.
Accelerator for the vulcanization of rubber. W. Baird and J. S. H. Davies. 2,131,210; Sept. 27.
Acoustic device. R. N. Marshall. 2,131,593; Sept. 27.
Addition products of glycide. L. Orthner and C. Heuck. 2,131,142; Sept. 27.
Adhesive applying means. G. W. von Hofe. 2,131,606; Sept. 27.
Adjustment for optical systems. P. Haas. 2,131,280; Sept. 27.
Admiralty condenser tube. H. C. Jennison. 2,131,437; Sept. 27.
Advertising device for taxicabs. W. O. Dano. 2,131,586; Sept. 27.
Advertising display device, Motional. V. M. Green and C. E. Gurtler. 2,131,029; Sept. 27.
Advertising insert. B. Lowen. 2,131,448; Sept. 27.
Advertising machine. A. D. Eitzen. 2,131,168; Sept. 27.
Aeroplane mounting. E. L. Dale. 2,131,222; Sept. 27.
Agricultural implement. J. I. Wilcoxen, Sr., and J. I. Wilcoxen, Jr. 2,131,546; Sept. 27.
Aircraft. C. W. Waller. 2,131,155; Sept. 27.
Aircraft, Rotating wing. R. Hafner. 2,131,248; Sept. 27.
Airplane refueling system. K. Arndt. 2,131,610; Sept. 27.
Alkali process for reclaiming rubber waste. E. Bemelmans. 2,131,685; Sept. 27.
Alloy: *See*—
  Aluminum alloy.
  Copper-silver-beryllium-manganese alloy.
Aluminum alloy. J. A. Nock, Jr. 2,131,520; Sept. 27.
Aluminum alloy and making the same, piston and piston ring formed from said alloy. H. G. Schwarz. 2,131,076; Sept. 27.
Amidines, Therapeutically active. K. Miescher and E. Urech. 2,131,141; Sept. 27.
Amplifier. N. E. Lindenblad. 2,131,566; Sept. 27.
Anthraquinone compounds in concentrated form, Insoluble. W. A. Herrett. 2,131,419; Sept. 27.
Antiskid cross chain. F. E. Stahl. 2,131,713; Sept. 27.
Antiskid unit and making the same. H. H. Rinehart. 2,131,571; Sept. 27.
Apparel, Wearing. H. A. Horton and L. A. Rose. 2,131,177; Sept. 27.
Applicator. A. N. Snyder. 2,131,077; Sept. 27.
Applicator, Cosmetic. C. A. Mureau. 2,131,539; Sept. 27.
Aqueous dispersions of rubber and similar rubber-like substances, Concentration of. H. D. G. von Schweinitz. 2,131,333; Sept. 27.
Arm for doors and the like, Releasable holding. D. R. Lasier. 2,131,564; Sept. 27.
Artificial compositions, Manufacturing. S. J. B. ten Cate. 2,131,022; Sept. 27.
Asphalts, Modifying properties of. A. A. Wells and J. O. Collins. 2,131,205; Sept. 27.
Atomizer head. E. O. Schutte. 2,131,455; Sept. 27.
Automobile head lamp. C. A. Michel and J. L. Koubek. 2,131,634; Sept. 27.
Axle housing and making same. G. Spatta. 2,131,237; Sept. 27.
Back support for seats, Portable. H. H. Cooper. 2,131,219; Sept. 27.
Baking powder and improving the keeping qualities of the same. A. H. Fiske. 2,131,433; Sept. 27.
Balance feeder and feeding molten glass, Hydrodynamic. F. L. O. Wadsworth. 2,131,242; Sept. 27.
Balance, Torsion. E. Reeh. 2,131,357; Sept. 27.
Band, Sweat. J. Cavanagh. 2,131,697; Sept. 27.
Barrel. B. T. Lindell. 2,131,632; Sept. 27.
Barrel construction for firearms, Detachable. M. A. Browning. 2,131,716; Sept. 27.
Base, Portable. W. C. Strege. 2,131,647; Sept. 27.
Basket. F. Cipar. 2,131,425; Sept. 27.
Bathing cap. C. J. Crowley. 2,131,344; Sept. 27.
Bathroom structure, Unitary. O. Smith. 2,131,124; Sept. 27.
Battery, particularly secondary battery, and operating the same, Electric. A. E. Lange, E. Langguth, E. Brenning, and A. Dassler. 2,131,592; Sept. 27.
Bearing. R. G. N. Evans. 2,131,170; Sept. 27.
Bedspring construction. S. Raduns. 2,131,071; Sept. 27.
Berry and fruit picking apparatus. J. A. Rich. 2,131,672; Sept. 27.
Bidder, Visible. B. A. Alderman. 2,131,132; Sept. 27.
Binding or binding element for books and the like. G. B. Dessart. 2,131,276; Sept. 27.
Binocular vision, Correcting. K. N. Ogle. 2,131,232; Sept. 27.
Binoculars, Coin controlled. A. F. Casey. 2,131,163; Sept. 27.
Blade, Protected. J. M. Bowen. 2,131,368; Sept. 27.
Block: *See*—
  Toy block.
Board: *See*—
  Tabulating board.
Board for draftsmen or the like, Illuminated. D. J Lesperance. 2,131,708; Sept. 27.
Boat construction. R. Kinte. 2,131,627; Sept. 27.
Boiler: *See*—
  Double boiler.
Box: *See*—
  Dispensing box. Display box.
Bracket: *See*—
  Window shade bracket.
Brake: *See*—
  Internal brake. Vehicle brake.
Brake. R. B. Cottrell. 2,131,703; Sept. 27.
Brake. A. J. Weatherhead. 2,131,459; Sept. 27.
Brake drum. T. P. Chase. 2,131,614; Sept. 27.
Brake drums, Forming. F. H. Le Jeune. 2,131,186; Sept. 27.
Brake lever construction. H. S. Jandus. 2,131,285; Sept. 27.
Braking device. L. C. Brisson. 2,131,369; Sept. 27.
Brassière construction. A. S. Becker and Z. M. Andrus. 2,131,213; Sept. 27.
Brick and tile cutter. H. K. King. 2,131,562; Sept. 27.
Brick, Making flint clay. R. P. Heuer and A. E. Fitzgerald. 2,131,252; Sept. 27.
Broom, Lawn. G. Campbell. 2,131,612; Sept. 27.
Brush. F. W. Curtis, Jr. 2,131,500; Sept. 27.
Bucket and clevis therefor, Drag. G. W. Mork. 2,131,063; Sept. 27.
Building. A. T. Levy. 2,131,461; Sept. 27.
Building elements and the like, Making. N. P. Harshberger and S. A. Ochs. 2,131,043; Sept. 27.
Building material, Making. N. P. Harshberger and S. A. Ochs. 2,131,044; Sept. 27.
Building, Prefabricated. J. C. Estes. 2,131,462–4; Sept. 27.
Building, Prefabricated. A. T. Levy. 2,131,465–7; Sept. 27.
Burner and control unit for furnaces. H. A. Crary. 2,131,221; Sept. 27.
Burner: *See*—
  Gas burner. Incense burner.
Cable sheath extruding press. C. H. Greenall. 2,131,173; Sept. 27.
Calendar. C. L. Post. 2,131,482; Sept. 27.
Calking and sealing composition. E. L. Baldeschwieler. 2,131,342; Sept. 27.
Cap: *See*—
  Bathing cap.
Caps, Method and apparatus for making composite. R. E. Greenholtz and E. M. Enkur. 2,131,319; Sept. 27.
Capsule and manufacturing the same, Bottle. P. V.
Car: *See*—
  Mine car.
Jensen. 2,131,438; Sept. 27.
Car construction, Railway. J. B. D. Thompson and S. Udstad. 2,131,493; Sept. 27.
Car transportation system, Mountainside. F. Pardee, Jr. and E. Curtin. 2,131,452; Sept. 27.
Carbon black and manufacture, Granular. G. L. Heller and C. W. Snow. 2,131,686; Sept. 27.
Carbon set. S. H. Linderman. 2,131,381; Sept. 27.
Carbonized product and manufacture thereof. A. S. Bemis. 2,131,021; Sept. 27.
Carburetor. C. Wilson. 2,131,246; Sept. 27.
Carrier: *See*—
  Coin carrier.
Carton, Display. S. Schraffenberger. 2,131,391; Sept. 27.
Carton lining machine. A. W. Lindholm. 2,131,633; Sept. 27.
Carton sealing machine. W. A. Joplin. 2,131,625; Sept. 27.
Cartridge for lubricants or the like. H. R. Tear. 2,131,487; Sept. 27.
Case: *See*—
  Refrigerator display case. Wardrobe case.
Case for cartridges. O. A. Östman. 2,131,412; Sept. 27.
Cash register. C. H. Arnold. 2,131,262; Sept. 27.

Casing jaw for drill pipe tongs, Extra. M. E. Self. 2,131,643; Sept. 27.
Catalysts, Activating and maintaining the activity of dehydrogenation. O. Beeck, J. Burgin, and H. P. A. Groll. 2,131,089; Sept. 27.
Cathode, Indirectly heated thermionic. E. Waldschmidt. 2,131,204; Sept. 27.
Cathode ray tube. M. Knoll. 2,131,563; Sept. 27.
Cement, Bituminous. B. A. Anderton. 2,131,085; Sept. 27.
Cement mass. K. Daimler and H. Thron. 2,131,533; Sept. 27.
Cereal food process. E. H. McKay. 2,131,450; Sept. 27.
Chain: *See*—
Antiskid cross chain. Link chain.
Cutter chain.
Chain applier, Tire. J. A. Martz. 2,131,405; Sept. 27.
Change speed mechanism. C. P. Winter. 2,131,247; Sept. 27.
Chart, Recording on a strip. C. O. Fairchild. 2,131,346; Sept. 27.
Check punching device, Food. S. Taub. 2,131,601; Sept. 27.
Checking device for motor car doors. V. Valletta. 2,131,339; Sept. 27.
Chest. W. Ziegler. 2,131,576; Sept. 27.
Chill for continuous string casting. G. Behrendt. 2,131,307; Sept. 27.
Chloride dioxide. J. O. Logan. 2,131,447; Sept. 27.
Chuck, Crankshaft. W. F. Groene and W. R. Meyer. 2,131,698; Sept. 27.
Circuit: *See*—
Supply circuit.
Circuit breaker, Automatic. J. Sachs. 2,131,640; Sept. 27.
Circuit for telephone systems, Monitoring. A. E. Bachelet and E. S. Gibson. 2,131,578; Sept. 27.
Circuits, Control. B. G. Bjornson. 2,131,580; Sept. 27.
Clasp, Bracelet cord. E. Prestinari. 2,131,454; Sept. 27.
Cleansing means for metal and metal alloys. W. Claus. 2,131,549; Sept. 1.
Closure. P. M. Thorn. 2,131,079; Sept. 27.
Closure for receptacles. P. M. Thorn. 2,131,078; Sept. 27.
Clothespin. J. Wareing. 2,131,081; Sept. 27.
Clutch: *See*—
Composite clutch.
Clutch mechanism, Friction. A. B. Bear. 2,131,579; Sept. 27.
Clutch operating mechanism. R. S. Sanford. 2,131,075; Sept. 27.
Coal, Mining. J. F. Joy. 2,131,180; Sept. 27.
Coal processing. G. A. Berry. 2,131,702; Sept. 27.
Coat, Lamb. C. M. Allen. 2,131,495; Sept. 27.
Coat or the like. A. Jonas. 2,131,515; Sept. 27.
Coating to a filament, Method and apparatus for applying a fibrous. C. F. Obermaier. 2,131,598; Sept. 27.
Coil, Ignition. C. Ringwald. 2,131,483; Sept. 27.
Coin carrier. H. C. Baller. 2,131,088; Sept. 27.
Commodities, Packaging and dispensing fluent. M. M. Karger. 2,131,325; Sept. 27.
Communication system, Short wave. N. E. Lindenblad. 2,131,108; Sept. 27.
Communication systems, Apparatus for. W. P. Place. 2,131,388; Sept. 27.
Compartment construction for luggage, Individual. J. J. Crotty and L. Roth. 2,131,583; Sept. 27.
Composite clutch. T. B. Tyler. 2,131,201; Sept. 27.
Compress. A. E. Elliot. 2,131,502; Sept. 27.
Compressor, Rotary. R. C. Patteson. 2,131,453; Sept. 27.
Computing machine. W. A. Anderson. 2,131,361; Sept. 27.
Concrete and the like, Apparatus for mixing. C. F. Ball. 2,131,682; Sept. 27.
Concrete articles, Apparatus for making. A. Henderson. 2,131,474; Sept. 27.
Concrete pump. C. F. Ball. 2,131,681; Sept. 27.
Condensation products. G. Balle. 2,131,249; Sept. 27.
Conductor clamping means. W. G. Fotsch. 2,131,171; Sept. 27.
Cone winding machine. E. Tonelli. 2,131,604; Sept. 27.
Connecter: *See*—
Sealed connecter.
Connection, Electric. W. J. Clements. 2,131,165; Sept. 27.
Connection for pipe joints and making same, Coupling. A. H. Goepel and P. F. Donahue. 2,131,509; Sept. 27.
Connection for trailers, Draft. W. H. Payne. 2,131,068; Sept. 27.
Container: *See*—
Dispensing container. Lipstick container.
Container and making the same. D. Cordiano and A. Hirshman. 2,131,343; Sept. 27.
Container and method of making. R. I. Rhodes. 2,131,389; Sept. 27.
Control for refrigerators, Adjustable. F. J. Bast. 2,131,161; Sept. 27.
Control for therapeutic air conditioners. J. A. Heidbrink. 2,131,103; Sept. 27.
Control for variable speed power transmissions. J. O Almen and H. Hawkins. 2,131,157; Sept. 27.
Control means for sliding bolt door catches. R. M. Turner. 2,131,458; Sept. 27.
Control of spark advance, Vacuum. J. L. Arthur. 2,131,706; Sept. 27.
Control system. A. J. Wade. 2,131,607; Sept. 27.
Control system for looms. L. W. Joyce and H. L. Ross. 2,131,706; Sept. 27.
Conversion products of acetylene, Production of. R. Stadler and A. Auerhahn. 2,131,197; Sept. 27.
Cooler for liquids. H. B. Babson and C. A. Thomas. 2,131,423; Sept. 27.
Cop winding machine. W. Siegenthaler. 2,131,147; Sept. 27.
Copper-silver-beryllium-manganese alloy. F. R. Hensel and E. I. Larsen. 2,131,104; Sept. 27.
Cord strain relief means. O. H. Pieper. 2,131,297; Sept. 27.
Core elements, Manufacture of. R. C. Pierce. 2,131,069; Sept. 27.
Cork and method, Dyed composition. G. B. Cooke. 2,131,314; Sept. 27.
Coupling: *See*—
Nonvibrating tube coupling.
Coupling for television amplifiers, Transformer. K. Schlesinger. 2,131,193; Sept. 27.
Cover for necktie knots. E. J. Champagne. 2,131,023; Sept. 27.
Cover for receptacles. H. W. Whitaker. 2,131,243; Sept. 27.
Cover for rectangular curved-top articles. B. F. Kells. 2,131,182; Sept. 27.
Covers, Method and apparatus for making can. J. L. Lewis. 2,131,057; Sept. 27.
Cultivator. W. R. Hardy. 2,131,659; Sept. 27.
Cup, Suction. C. Kanck. 2,131,224; Sept. 27.
Curtain, Fruit. F. C. Hunt and L. J. McGrath. 2,131,376; Sept. 27.
Curtain position retainer, Shower. J. W. Yardley. 2,131,156; Sept. 27.
Cutter: *See*—
Brick and tile cutter. Rubber bale cutter.
Meat cutter.
Cutter chain. C. F. Osgood. 2,131,188; Sept. 27.
Deodorizing material. J. W. H. Randall and H. Van Grunenberg. 2,131,235; Sept. 27.
Device for effecting telephone calls and transmitting signals, Automatic. A. O. Lauersdorf. 2,131,565; Sept. 27.
Device for molding frozen confections. L. Loewenstein. 2,131,446; Sept. 27.
Device for separating a mixture of fine and coarse material particles. A. Müller. 2,131,451; Sept. 27.
Device for tempering sheets of glass, of steel, and other material by air. L. Mosmieri and G. Dal Pino. 2,131,406; Sept. 27.
Dishwashing machine. R. Chico, G. R. Porter, and G. Webb. 2,131,615; Sept. 27.
Dispenser. H. P. Tear. 2,131,488; Sept. 27.
Dispensing box. H. L. Wilson. 2,131,494; Sept. 27.
Dispensing container. H. H. Lurssen. 2,131,518; Sept. 27.
Dispensing device. W. M. Christopher. 2,131,218; Sept. 27.
Dispensing device. J. Woo. 2,131,651; Sept. 27.
Display box. J. Cage. 2,131,093; Sept. 27.
Display box. W. J. Tiskey. 2,131,239; Sept. 27.
Doorknob and plate. A. E. Paden. 2,131,067; Sept. 27.
Door lock. J. W. Barrington and M. White. 2,131,033; Sept. 27.
Door locking mechanism, Automobile. G. Tasman. 2,131,198; Sept. 27.
Doors, Apparatus for opening and closing. H. Woodward. 2,131,415; Sept. 27.
Double boiler. W. T. Kelley. 2,131,287; Sept. 27.
Draft equalizer. R. L. Noble. 2,131,667; Sept. 27.
Draft tube throat ring. R. P. Hill. 2,131,105; Sept. 27.
Drain device. E. M. Tucker. 2,131,240; Sept. 27.
Drawing frame, roving frame, and like textile frames. G. S. Fraser. 2,131,172; Sept. 27.
Drill. J. H. Lind. 2,131,056; Sept. 27.
Drive control, Overspeed. W. B. Barnes. 2,131,263; Sept. 27.
Drive mechanism for motion picture projecting machines. E. Boecking. 2,131,469; Sept. 27.
Drying. T. K. Sherwood and L. E. Garono. 2,131,645; Sept. 27.
Drying apparatus for web printing presses. W. J. Risley, Jr. 2,131,257; Sept. 27.
Duplicating apparatus. A. Marchev. 2,131,113; Sept. 27.
Duplicating mechanism. A. Marchev. 2,131,112; Sept. 27.
Dyeings, Increasing the fastness of. P. Schlack. 2,131,121; Sept. 27.
Dyestuffs and producing them, Organic. C. Schoeller, G. Schwen, and G. Kraemer. 2,131,712; Sept. 27.
Dyestuffs of the anthraquinone series, Vat. H. Neresheimer and W. Ruppel. 2,131,480; Sept. 27.
Dyestuffs of the benzanthronylamino-anthraquinone series, Vat. E. Honold. 2,131,176; Sept. 27.
Dynamo-electric machine. H. A. Howell. 2,131,436; Sept. 27.
Earth cutting, digging, and moving machine. E. A. Foster. 2,131,373; Sept. 27.
Earthing arrangement for electric apparatus. H. Leyburn and C. H. W. Lackey. 2,131,517; Sept. 27.

Electric vehicle jack. J. D. Petsche and V. Bezjak. 2,131,296; Sept. 27.
Electric vibrating mechanism. E. F. Kohl. 2,131,628; Sept. 27.
Electric wave amplifying system. A. L. Stillwell. 2,131,393; Sept. 27.
Electric wave amplifying system. H. S. Black. 2,131,366; Sept. 27.
Electrode, Pressure exerting. F. R. Hensel and E. I. Larsen. 2,131,475; Sept. 27.
Electrode system, Asymmetric. J. H. de Boer. 2,131,167; Sept. 27.
Electrodes for electron discharge tubes, Method and apparatus for manufacture of. C. F. Miller. 2,131,254; Sept. 27.
Electrooptical apparatus. M. W. Baldwin, Jr. 2,131,715; Sept. 27.
Electrooptical device. M. Knoll. 2,131,185; Sept. 27.
Engine: *See*—
External combustion engine. Twin cylinder engine.
Engine. A. E. Christenson. 2,131,616; Sept. 27.
Envelope. C. R. Whipple. 2,131,575; Sept. 27.
Ethers from reactive acid liquor. F. M. Archibald and H. G. Schneider. 2,131,030; Sept. 27.
Exercise device. H. E. Riley. 2,131,570; Sept. 27.
Explosive. R. A. Tapley. 2,131,574; Sept. 27.
Explosive, Propellant. H. N. Marsh. 2,131,061; Sept. 27.
Explosive, Propellant. H. N. Marsh. 2,131,352–4; Sept. 27.
Explosive, Propellant. H. N. Marsh. 2,131,383; Sept. 27.
External combustion engine. F. M. Brooke. 2,131,216; Sept. 27.
Extraction process. A. P. Anderson. 2,131,422; Sept. 27.
Extractor: *See*—
Mixer and fruit juice extractor.
Fabric and making the same, Knitted. E. St. Pierre. 2,131,720; Sept. 27.
Fabric from spun glass, Manufacture of. H. F. C. Cordts. 2,131,024; Sept. 27.
Fan or blower construction. B. A. and R. C. Parkes. 2,131,691; Sept. 27.
Fastener and backing sheet, Combination sheet. W. W. Karlen. 2,131,401; Sept. 27.
Fastener assembly. P. E. Fenton. 2,131,347; Sept. 27.
Fasteners, Making slide. W. J. S. Naunton and G. H. C. Corner. 2,131,255; Sept. 27.
Feed control device, Liquid. G. W. Moore. 2,131,329; Sept. 27.
Feed mechanism for lathes, Cross. A. G. Whitehead. 2,131,129; Sept. 27.
Feed mechanism for slicing machines. C. H. Petskeyes. 2,131,256; Sept. 27.
Felt, Impregnated. P. Drewsen. 2,131,097; Sept. 27.
Fiber treatment and product. J. L. Goodale. 2,131,040; Sept. 27.
Films having pictures or letters, Making "urushi" or Japanese lacquer. A. Ozawa. 2,131,330; Sept. 27.
Fire, Imitation. A. E. Newton. 2,131,410; Sept. 27.
Fixture, Globe type explosionproof. P. D. Phillips. 2,131,117; Sept. 27.
Floor for buildings and like structures, Composite. J. H. Young. 2,131,652; Sept. 27.
Fluid meter. A. F. Spitzglass. 2,131,486; Sept. 27.
Flying machine adapted to land on water. R. Soyer. 2,131,528; Sept. 27.
Food base and composition containing same. A. Musher. 2,131,064; Sept. 27.
Food products, Apparatus for the continuous manufacture of frozen. C. E. Gray and G. D. Turnbow. 2,131,510; Sept. 27.
Food products, Continuous method of manufacturing frozen. C. E. Gray and G. D. Turnbow. 2,131,511; Sept. 27.
Foods, Packaging. J. Kantor. 2,131,181; Sept. 27.
Footwear, Manufacture of welted. F. Holland. 2,131,375; Sept. 27.
Frame: *See*—
Slab molding frame. Window frame.
Framer for rafters. R. L. Greve. 2,131,279; Sept. 27.
Framework construction. H. E. Naisuler. 2,131,115; Sept. 27.
Fruit whip and preparation thereof. B. H. Webb. 2,131,650; Sept. 27.
Fuel-feeding device. H. R. Cruse. 2,131,499; Sept. 27.
Fuel feeding system. R. F. Bracke. 2,131,036; Sept. 27.
Fuel injection pump. R. L'Orange. 2,131,228; Sept. 27.
Fuel, Production of colloidal. E. Blümner. 2,131,308; Sept. 27.
Fumigation. J. M. Baer and E. P. Collins. 2,131,134; Sept. 27.
Furnace: *See*—
Glass tank furnace. Rotary muffle furnace.
Furnace. F. E. Keith and C. F. Lindstrom. 2,131,591; Sept. 27.
Furnaces, Operating blast. J. M. Avery. 2,131,031; Sept. 27.
Furnaces, Operation of smelting and reducing. M. Fränkl. 2,131,102; Sept. 27.
Furniture, Convertible article of. L. N. Nomar. 2,131,411; Sept. 27.
Furniture device, Convertible. O. Schlett. 2,131,122; Sept. 27.
Fuse, Bomb nose. H. M. Brayton. 2,131,037; Sept. 27.
Fuse ejector. T. E. McDowell and W. A. Wulle. 2,131,292; Sept. 27.
Galvanometer fiber or string. H. Mann. 2,131,478; Sept. 27.
Game. E. N. Rose. 2,131,332; Sept. 27.
Game and apparatus therefor. H. Amsterdam. 2,131,653; Sept. 27.
Game apparatus. M. J. Binks. 2,131,091; Sept. 27.
Garment. A. K. Baer. 2,131,654; Sept. 27.
Garment for women, Foundation. J. Leonard. 2,131,707; Sept. 27.
Garment, Infant's. J. Astrove. 2,131,248; Sept. 27.
Gas apparatus, Carbureted water. H. J. Carson. 2,131,310; Sept. 27.
Gas burner. C. A. Achterfeldt. 2,131,701; Sept. 27.
Gas making apparatus. M. M. Brandegee and C. E. Hemminger. 2,131,696; Sept. 27.
Gate: *See*—
Tractor gate.
Gate valve. P. A. Kinzie and W. H. Kohler. 2,131,053; Sept. 27.
Gate valve, Reciprocating. P. A. Kinzie. 2,131,050; Sept. 27.
Gear: *See*—
Releasing gear. Reversing gear.
Gear transmission. H. C. Behrens. 2,131,531; Sept. 27.
Glass machine and method, Fabricating. F. L. O. Wadsworth. 2,131,241; Sept. 27.
Glass, Method and apparatus for tempering. B. Long. 2,131,404; Sept. 27.
Glass tank furnace. H. J. Bivort. 2,131,215; Sept. 27.
Grain and its subsequent conversion into bread or like product, Reduction of. S. M. Salomon and S. Busch. 2,131,674; Sept. 27.
Grater. J. A. Kohl. 2,131,377; Sept. 27.
Grinding machine. A. L. Krause. 2,131,107; Sept. 27.
Grinding machine. H. F. Smith. 2,131,151; Sept. 27.
Ground detecting apparatus. B. Mishelevich. 2,131,386; Sept. 27.
Grounds, Apparatus for cleaning. J. E. Hubbart. 2,131,398; Sept. 27.
Guard, Snap-on ornamental grille. G. A. Lyon. 2,131,059; Sept. 27.
Handbag. R. Lobel. 2,131,382; Sept. 27.
Handbag lock mounting. H. Horwitz and S. B. Megdall. 2,131,435; Sept. 27.
Handle: *See*—
Suction handle.
Handle for mattresses and the like and making the same. M. Bechik. 2,131,212; Sept. 27.
Handle for mattresses, cushions, and the like. M. Bechik. 2,131,211; Sept. 27.
Hat body blocking and stretching machine. I. Reiser. 2,131,300; Sept. 27.
Headgear, Miner's. H. C. Cowden. 2,131,617; Sept. 27.
Heat interchanger and making same, Spiral. F. R. Bichowsky. 2,131,265; Sept. 27.
Heater. C. Ringwald. 2,131,484; Sept. 27.
Heater. W. C. Stollberg. 2,131,334; Sept. 27.
Heater for automobiles, Steam. R. F. Muller. 2,131,635; Sept. 27.
Heating medium, Generating. C. A. and A. R. Dunham. 2,131,555; Sept. 27.
Hexamethylenetetramine N bismuth iodide. O. G. Salb. 2,131,144; Sept. 27.
Hoist, Loading. J. R. McGiffert and O. L. Berby. 2,131,479; Sept. 27.
Hoisting device. H. B. Babson. 2,131,133; Sept. 27.
Holder: *See*—
Pen or pencil holder.
Homogeneous articles, Sorting. D. C. Cox. 2,131,095; Sept. 27.
Horn signaling and steering wheel spinning device. J. M. Turnage. 2,131,649; Sept. 27.
Humidifier. F. N. Smith. 2,131,125; Sept. 27.
Hygrometer. J. De Rayville. 2,131,554; Sept. 27.
Ignition and starting system for automobiles. A. E. Doman. 2,131,026; Sept. 27.
Ignition in explosion chambers, Method and apparatus for controlling the. H. Holzwarth. 2,131,047; Sept. 27.
Ignition magneto. U. Quintavalle. 2,131,523; Sept. 27.
Ignition timer. J. L. Arthur and W. Thompson. 2,131,019; Sept. 27.
Ignition timing control. E. H. Shepard. 2,131,413; Sept. 27.
Illuminated display sign. G. F. Reed. 2,131,671; Sept. 27.
Illuminator for indicator dials. L. F. Carter. 2,131,471; Sept. 27.
Incandescent lamp. W. O. Langille. 2,131,253; Sept. 27.
Incense burner. H. O. White, Jr. 2,131,460; Sept. 27.
Index safety device. C. L. Ott and R. E. Price. 2,131,233; Sept. 27.
Indicator: *See*—
Position indicator. Remote control indicator.
Insulating structure. J. J. Garrison and S. Shuko. 2,131,620; Sept. 27.
Intermediate for hormone production, Preparing. J. Weijlard. 2,131,082; Sept. 27.
Internal brake. T. P. Chase and G. E. Martin. 2,131,613; Sept. 27.

Iodo-phenylphenols. W. C. Stoesser. 2,131,258; Sept. 27.
Iron and nickel alloy, Electrolytically depositing. W. A. Crowder. 2,131,427; Sept. 27.
Iron, Edge setting. O. L. Lawson. 2,131,378; Sept. 27.
Irrigation device. W. H. Coles and B. J. Nelson. 2,131,271; Sept. 27.
Jack: *See*—
Electric vehicle jack. Trailer jack.
Jig, Sharpening. R. L. Keith. 2,131,626; Sept. 27.
Joint construction. M. De Lin. 2,131,552-3; Sept. 27.
Juice extracting device. H. C. Johnson. 2,131,440; Sept. 27.
Kerf-cutting machine. W. W. Sloane. 2,131,456; Sept. 27.
Kiln, Continuous. A. Geyer. 2,131,418; Sept. 27.
Kitchen implement. J. W. Lackstrom and P. S. Kavanaugh. 2,131,631; Sept. 27.
Labeling machine. W. B. Locke. 2,131,227; Sept. 27.
Lacquers, enamels, and the like, Apparatus for conditioning and dispensing. E. D. Holmes. 2,131,662; Sept. 27.
Lamp: *See*—
Automobile head lamp. Incandescent lamp.
Lamp and table construction. F. Kiesler. 2,121,049; Sept. 27.
Lapping machine and method. G. P. Passmore. 2,131,638; Sept. 27.
Lath, Expanded metal. E. T. Redding and A. V. Spinosa. 2,131,670; Sept. 27.
Ligator. W. Hart. 2,131,321; Sept. 27.
Lighting system, Vehicle. J. Johansen. 2,131,664; Sept. 27.
Lightning arrester. E. A. Everett. 2,131,717; Sept. 27.
Line securing device. E. C. Behnke. 2,131,162; Sept. 27.
Link chain. G. W. Aldeen and S. Madsen. 2,131,261; Aug. 27.
Lipstick container. A. C. Hoffman. 2,131,046; Sept. 27.
Liquid dispensing apparatus. C. A. Desimone and J. C. Woodford. 2,131,705; Sept. 27.
Liquid mixing apparatus. E. S. Prince. 2,131,190; Sept. 27.
Liquid testing device. J. H. Shively. 2,131,526; Sept. 27.
Liquids, Apparatus for lifting. F. E. Key. 2,131,183; Sept. 27.
Live center. V. F. Lippard. 2,131,327; Sept. 27.
Lock: *See*—
Door lock.
Lock. J. G. Dunseath. 2,131,315; Sept. 27.
Lock. H. M. Gasstrom. 2,131,506; Sept. 27.
Lock for threaded fastening instrumentalities. W. H. Murray. 2,131,407; Sept. 27.
Lock slider, Reversible. D. Marinsky. 2,131,567; Sept. 27.
Locker construction and latch mechanism. J. F. Schaefer. 2,131,642; Sept. 27.
Locking means for iron supporting mechanism. J. W. Jensen. 2,131,286; Sept. 27.
Logging apparatus. E. H. King. 2,131,402; Sept. 27.
Loom: *See*—
Weft replenishing loom.
Lubricant, Reclaimed. A. E. Ganzert. 2,131,139; Sept. 27.
Lubricant, Treated. A. E. Ganzert. 2,131,138; Sept. 27.
Luminous composition of matter and producing same. J. F. Goggin. 2,131,557; Sept. 27.
Machine for and method of making knitted articles. V. Morris. 2,131,231; Sept. 27.
Machine for cooling cream and like products. A. Johnson. 2,131,439; Sept. 27.
Machine for cutting sheet material. W. I. Stone. 2,131,153; Sept. 27.
Magnesium carbamate, Production of anhydrous. R. Schulze. 2,131,524; Sept. 27.
Magnesium carbonate composition and preparation, Dolomitic. B. B. Grunwald. 2,131,374; Sept. 27.
Mangle, Direct fired steam. T. J. Sullivan. 2,131,336; Sept. 27.
Marionette figure. B. E. Alstadt and S. R. Factor. 2,131,209; Sept. 27.
Match lighting device. J. Szäthmary. 2,131,678; Sept. 27.
Material and method of inhibiting its normal flocculation or cohesion, Free-mixing finely divided. A. H. Fiske. 2,131,431; Sept. 27.
Material, Apparatus for granulating friable. I. T. Thornton. 2,131,128; Sept. 27.
Materials, Coloration of. H. Dreyfus. 2,131,098; Sept. 27.
Materials, Consolidation of porous. J. G. Vail. 2,131,338; Sept. 27.
Materials for varying their affinity, Treatment of. P. Schlack. 2,131,146; Sept. 27.
Materials, Improving the keeping qualities of reactive. A. H. Fiske. 2,131,432; Sept. 27.
Measuring system, Frequency. H. Granger. 2,131,559; Sept. 27.
Meat cutter. C. W. Dieckmann. 2,131,429; Sept. 27.
Metal, Apparatus for casting. F. F. Poland. 2,131,070; Sept. 27.
Metal articles, Method and apparatus for working sheet. J. W. French and J. O. E. Carlson. 2,131,027; Sept. 27.
Metal treating. V. T. Malcolm. 2,131,709; Sept 27.
Metal, Treatment of. S. R. McBride. 2,131,062; Sept. 27.
Metals, Melting by use of an electric furnace. J. A. Zublin and J. S. Goodwin. 2,131,396; Sept. 27.
Metals, Cyanidation of precious. N. Hedley. 2,131,535; Sept. 27.
Metallic layers, Producing finely divided. G. Liebmann.
Meter: *See*—
Fluid meter. Rotary meter.
2,131,187; Sept. 27.
Meter service installation, Electric. J. Sachs. 2,131,641; Sept. 27.
Metering device, Coin controlled. G. H. Niederst. 2,131,597; Sept. 27.
Methylene halide derivatives of carboxylic acid amides and carbamic esters, respectively, and making the same. A. W. Baldwin and H. A. Piggott. 2,131,362; Sept. 27.
Microscope, Electron. M. Knoll, F. G. Houterman, and W. Schulze. 2,131,536; Sept. 27.
Mill drive, Rolling. M. H. Pease and D. A. Keating. 2,131,541; Sept. 27.
Mine car. W. V. Johnson. 2,131,420; Sept. 27.
Mine car, Stub axle. W. V. Johnson and R. C. Kepner. 2,131,491; Sept 27.
Mineral wool, Manufacture of. A. T. Shrum. 2,131,599; Sept. 27.
Mining apparatus. C. F. Osgood. 2,131,189; Sept. 27.
Mining machine. M. P. Holmes. 2,131,175; Sept. 27.
Mining machine feeding mechanism. J. F. Joy and C. G. Boudette. 2,131,179; Sept. 27.
Mining machine transmission mechanism. J. F. Joy and L. E. Simmons. 2,131,178; Sept. 27.
Mixer. T. P. Heller. 2,131,513; Sept. 27.
Mixer and fruit juice extractor, Food. W. B. Kochner and E. Newnham. 2,131,290; Sept. 27.
Mortar, Muzzle loading miniature. M. D. Keyser. 2,131,048; Sept. 27.
Motor. H. Coanda. 2,131,472; Sept. 27.
Motor control equipment, Electric. W. T. Gray. 2,131,588; Sept. 27.
Motor vehicle. B. Walker. 2,131,306; Sept. 27.
Motor working in a bore hole by means of a rinsing liquid. T. Seifer. 2,131,392; Sept. 27.
Mounting: *See*—
Aeroplane mounting. Toy aeroplane propeller mounting.
Handbag lock mounting.
Slip mounting.
Mounting for reflector buttons, Chain. W. H. Searight. 2,131,123; Sept. 27.
Mounting for reflector buttons or the like. W. H. Barton. 2,131,364; Sept. 27.
Movement for operating signs, advertising devices, and the like. A. S. Waddington. 2,131,340; Sept. 27.
Necktie manufacture. J. Weisbaum. 2,131,545; Sept. 27.
Necktie pin. M. S. Cirelli. 2,131,311; Sept. 27.
Neckties, Apparatus for making. N. Gold. 2,131,318; Sept. 27.
Nonvibrating tube coupling. C. T. Ellis. 2,131,316; Sept. 27.
Nozzle, Suction. J. E. Barrner. 2,131,548; Sept. 27.
Odometer reset mechanism. R. O. Helgeby. 2,131,622; Sept. 27.
Oil by using metallic soaps of naphthenic acid, Refining cracked. M. Mizuta and T. Yoshimura. 2,131,519; Sept. 27.
Oiler. O. H. Jung and P. E. Heffelfinger. 2,131,441; Sept. 27.
Oils, Production of drying. H. G. Schneider and J. V. Sommer. 2,131,195; Sept. 27.
Oils with a selective solvent, Cracking and extracting hydrocarbon. E. F. English. 2,131,169; Sept. 27.
Olefines in acid polymerization, Dispersion of. B. E. Roethell and E. E. Stahly. 2,131,191; Sept. 27.
Opener and dispenser for oil, antifreeze material, and the like, Combined can. I. P. Taylor and F. G. Bates. 2,131,238; Sept. 27.
Opener and scaler, Can. J. H. Mulcahy. 2,131,596; Sept. 27.
Opener, Can. C. G. Fawkes. 2,131,136; Sept. 27.
Opener, Oil can. J. W. Sherrell. 2,131,644; Sept. 27.
Operating mechanism. C. Thumim. 2,131,603; Sept. 27.
Ore leaching apparatus. H. S. Coe. 2,131,166; Sept. 27.
Organ, Pneumatic. C. S. Norburn. 2,131,637; Sept. 27.
Organic compounds containing basic substitutes, Manufacture of. P. Schlack. 2,131,120; Sept. 27.
Oscillator system, Selective high frequency. H. Granger. 2,131,558; Sept. 27.
Package. E. W. O'Neill and H. B. Hoskins. 2,131,699; Sept. 27.
Package wrapping machine. P. D. Parsons. 2,131,668; Sept. 27.
Packer. C. S. Crickmer. 2,131,274; Sept. 27.
Packer, Nozzle. H. B. Hale. 2,131,721; Sept. 27.
Packing, Metallic. H. N. Comins. 2,131,272; Sept. 27.
Pattern, Dress. I. Rosenfeld. 2,131,390; Sept. 27.
Pen or pencil holder. A. R. Johnson. 2,131,624; Sept. 27.
Pencil, lead therefor, and making the same, Lead. M. A. Ferst. 2,131,657; Sept. 27.
Pencil, Mechanical. F. C. Dell. 2,131,551; Sept. 27.
Pentachloro-phenol, Preparation of. W. C. Stoesser. 2,131,259; Sept. 27.
Pharmaceutical apparatus. H. Leffert and E. E. Woldman. 2,131,516; Sept. 27.

Photoelectric assorting device. D. C. Cox. 2,131,096; Sept. 27.
Photoelectric control system. C. D. Goodsell. 2,131,028; Sept. 27.
Photographic emulsion containing alkyl quaternary salts of thiazoles and the like as antifoggants. L. G. S. Brooker and C. J. Staud. 2,131,038; Sept. 27.
Pictures or writing on hard material, Photomechanical production of single- or multicolor. L. Prinz and P. Morgenstern. 2,131,298; Sept. 27.
Pigment, Making zinc. H. S. Colton. 2,131,313; Sept. 27.
Pillow rest. S. Alexander. 2,131,609; Sept. 27.
Pin: *See*—
Necktie pin.
Pipe: *See*—
Rosewood pipe.
Piston ring. H. L. Morgan. 2,131,230; Sept. 27.
Pitch propeller, Automatic variable. V. B. Brumwell. 2,131,217; Sept. 27.
Plastic mass and making the same, Colored. F. Straub and H. Mayer. 2,131,154; Sept. 27.
Plastic material. G. J. Esselen. 2,131,371; Sept. 27.
Plate-shearing device for ink rollers, Safety. B. F. Upham. 2,131,489; Sept. 27.
Plates, Apparatus for drying. W. B. Gwinn. 2,131,512; Sept. 27.
Plaything, Dog's. H. G. McMennamin. 2,131,229; Sept. 27.
Pneumatic polishing wheel. C. Mary. 2,131,449; Sept. 27.
Polymers and making the same. H. G. Schneider. 2,131,196; Sept. 27.
Position indicator. C. D. Barbulesco. 2,131,032; Sept. 27.
Power drive device. E. W. Kirkpatrick. 2,131,288; Sept. 27.
Power transmission, Automatic. W. A. Duffield. 2,131,619; Sept. 27.
Press: *See*—
Cable sheath extruding Printing press.
press.
Printing plates, Composing relief. W. C. Huebner. 2,131,323; Sept. 27.
Printing plates, Punching multicolor. O. Seffzig. 2,131,359; Sept. 27.
Printing press. E. Wolff. 2,131,207; Sept. 27.
Printing, Sound record. G. L. Dimmick. 2,131,501; Sept. 27.
Printing with mordant dyestuffs. E. Gubler. 2,131,320; Sept. 27.
Projection apparatus. H. Smith. 2,131,693; Sept. 27.
Protective apparatus. O. C. Traver. 2,131,605; Sept. 27.
Protective apparatus. A. R. van C. Warrington. 2,131,608; Sept. 27.
Protector: *See*—
Weather protector.
Protector for fuel tank caps, Over-all snap lock. A. M. Malluk. 2,131,060; Sept. 27.
Pump: *See*—
Concrete pump. Rotary pump.
Fuel injection pump. Turbine pump.
Pump. A. G. Horvath. 2,131,623; Sept. 27.
Pumping apparatus. G. E. Reagin. 2,131,299; Sept. 27.
Pyrotechnic composition, Non-explosive. G. C. Hale. 2,131,041; Sept. 27.
Radio telegraph receiving system. P. D. Lowell. 2,131,109; Sept. 27.
Rail and seat attachment for bathtubs, Grab. G. B. Bentz. 2,131,214; Sept. 27.
Razor, Safety. W. W. Chandler. 2,131,498; Sept. 27.
Reactivity of naturally or artificially shaped articles or materials and product obtained thereby, Increasing the. P. Schlack. 2,131,145; Sept. 27.
Receptacle. F. C. Woeifer, Jr. 2,131,714; Sept. 27.
Recording apparatus. M. Artzt. 2,131,547; Sept. 27.
Reflector. J. L. Koubek. 2,131,629; Sept. 27.
Refrigerating system for cooling or heating. C. R. Neeson. 2,131,355; Sept. 27.
Refrigeration. J. J. Root and F. J. Sowa. 2,131,119; Sept. 27.
Refrigeration air-conditioning, Apparatus for effecting. F. A. Whiteley. 2,131,700; Sept. 27.
Refrigeration, Apparatus for. M. T. Zarotschenzeff. 2,131,131; Sept. 27.
Refrigerator. C. W. Peterson. 2,131,522; Sept. 27.
Refrigerator. V. F. Zahodiakin. 2,131,680; Sept. 27.
Refrigerator display case. W. A. Ellsworth and E. Swedman. 2,131,587; Sept. 27.
Regulator. G. K. O'Connor. 2,131,481; Sept. 27.
Releasing gear. C. S. Lawton. 2,131,445; Sept. 27.
Remote control indicator. H. E. Young. 2,131,084; Sept. 27.
Remote indication apparatus. E. M. Allen. 2,131,208; Sept. 27.
Resistance attenuator. M. Ferris. 2,131,101; Sept. 27.
Reversing gear. J. S. Sharpe. 2,131,677; Sept. 27.
Rheumatic and arthritic conditions, Apparatus for the treatment of. B. C. Woodruff. 2,131,360; Sept. 27.
Ring for automobiles, Horn. G. E. Peters and L. E. Russell. 2,131,542; Sept. 27.
Ring: *See*—
Draft tube throat ring. Piston ring.
Riveting machine. W. E. Marchant. 2,131,688; Sept. 27.
Roaster. A. P. Hughes. 2,131,663; Sept. 27.
Roll adjusting means for grain milling machines. A. Frérotte. 2,131,277; Sept. 27.
Roll, Bowed expander. C. W. Shute. 2,131,692; Sept. 27.
Roll, Multi-ply manifolding. S. H. Linderman. 2,131,380; Sept. 27.
Rollers, Cooling transmission. J. O. Almen. 2,131,159; Sept. 27.
Roof, Car. W. D. Thompson. 2,131,200; Sept. 27.
Rosewood pipe. J. Chmura. 2,131,582; Sept. 27.
Rotary meter. A. J. Saarinen. 2,131,236; Sept. 27.
Rotary muffle furnace. P. Jordan. 2,131,665; Sept. 27.
Rotary pump. O. C. Selle. 2,131,302; Sept. 27.
Rotary valve, Automatic. P. F. Danel. 2,131,025; Sept. 27.
Rotatable body, Dynamically balancing. E. L. Thearle. 2,131,602; Sept. 27.
Rubber bale cutter. R. W. Dinzl. 2,131,345; Sept. 27.
Rubber, Manufacture of expanded. D. Roberts and J. S. Reid. 2,131,073; Sept. 27.
Rubber, Preservation of. I. Williams and A. M. Neal. 2,131,206; Sept. 27.
Rubber vulcanization. W. P. ter Horst. 2,131,126-7; Sept. 27.
Rubber vulcanization. I. Williams. 2,131,244; Sept. 27.
Rubber vulcanization. I. Williams and F. R. Mayo. 2,131,245; Sept. 27.
Rule, Collable measuring. A. L. Stowell. 2,131,694; Sept. 27.
Rule, Inside wind collable measuring. A. L. Stowell. 2,131,695; Sept. 27.
Saddle construction, Running board. D. W. Hawksworth. 2,131,174; Sept. 27.
Saddle, Cycle. H. L. Kraeft. 2,131,140; Sept. 27.
Safety device. K. Clark. 2,131,094; Sept. 27.
Safety system for engines, Vacuum actuated. W. E. Benjamin. 2,131,264; Sept. 27.
Sander and control therefor. L. E. Johnson and C. P. Cady. 2,131,514; Sept. 27.
Saw, Tilting arbor table. W. F. Ocenasek. 2,131,492; Sept. 27.
Scaffold horse. M. Praeger. 2,131,356; Sept. 27.
Scale, Automatic weighing. W. J. Beck. 2,131,034; Sept. 27.
Scalpel. S. Rothschild. 2,131,358; Sept. 27.
Scarf. S. B. Preston. 2,131,118; Sept. 27.
Scissors, Kitchen. A. Voss. 2,131,395; Sept. 27.
Scraper. W. J. Adams. 2,131,421; Sept. 27.
Screen: *See*—
Translucent screen.
Seal, Rotary. A. Weiland. 2,131,544; Sept. 27.
Sealed connecter. J. A. Obermaier. 2,131,066; Sept. 27.
Searchlight and tester, Combined. W. S. Little. 2,131,351; Sept. 27.
Sedimentation apparatus. W. B. Marshall. 2,131,690; Sept. 27.
Selective control system, Remote. L. L. E. Chauveau. 2,131,164; Sept. 27.
Selector for control clocks. B. E. Shaw. 2,131,304; Sept. 27.
Sending channel assigner. H. H. Haglund 2,131,434; Sept. 27.
Sewage disposal. W. K. Porteous. 2,131,711; Sept. 27.
Sewing machine. A. H. De Voe. 2,131,250; Sept. 27.
Sewing machine. P. P. Greicius. 2,131,621; Sept. 27.
Sewing machine, Button. J. H. Pikul. 2,131,387; Sept. 27.
Shade, Lamp. J. A. Korengold. 2,131,442; Sept. 27.
Shade, Window. S. C. Smith. 2,131,646; Sept. 27.
Sharpening or grinding device. W. A. Weed. 2,131,530; Sept. 27.
Shaver, Dry. I. Florman. 2,131,317; Sept. 27.
Shedding mechanism. G. E. Ulrich. 2,131,679; Sept. 27.
Sheet collecting and folding mechanism for printing presses. H. M. Barber. 2,131,363; Sept. 27.
Shield for kitchen sinks and the like, Protective. L. A. Marsh. 2,131,111; Sept. 27.
Shirt. H. E. Coverman. 2,131,220; Sept. 27.
Shirt. R. E. Ladue. 2,131,055; Sept. 27.
Siding. L. Kirschbraun. 2,131,477; Sept. 27.
Sign: *See*—
Illuminated display sign.
Signal system for excavators. C. I. Maust. 2,131,291; Sept. 27.
Signaling. W. Kummerer and R. Gürtler. 2,131,443; Sept. 27.
Signaling device. R. E. Beerman. 2,131,090; Sept. 27.
Signaling system. C. W. Halligan. 2,131,589; Sept. 27.
Signaling system, Light-controlled. F. Michelssen. 2,131,328; Sept. 27.
Silicate and making same, Stable hydrous. G. R. McDaniel. 2,131,718; Sept. 27.
Silver recovery. K. C. D. Hickman, J. R. Turner, and W. J. Weyerts. 2,131,045; Sept. 27.
Silver recovery. M. J. Reid. 2,131,072; Sept. 27.
Ski, Child's. C. S. Reitan. 2,131,569; Sept. 27.
Ski, heel. D. C. Hubbard. 2,131,283; Sept. 27.
Slab molding frame. E. D. Coddington. 2,131,655; Sept. 27.
Slicer, Potato. S. Bloomfield. 2,131,092; Sept. 27.
Slip. G. D. Johnson and C. H. Hardies. 2,131,400; Sept. 27.
Slip mounting. C. S. Crickmer. 2,131,275; Sept. 27.
Snap switch. C. J. Hathorn. 2,131,590; Sept. 27.
Soil working implement. G. W. Hull. 2,131,324; Sept. 27.

Sound recording. B. F. Miller. 2,131,293; Sept. 27.
Sound recording. W. A. Mueller. 2,131,294; Sept. 27.
Sound reproducing apparatus. A. Poliakoff. 2,131,669; Sept. 27.
Spacebands, Polishing. A. A. Rock. 2,131,639; Sept. 27.
Speed changer, Magnetic. J. T. Beechlyn. 2,131,035; Sept. 27.
Speed driving apparatus, Uniform. B. J. Palmer and O. A. Schlernbeck. 2,131,234; Sept. 27.
Spring action friction block structure. A. E. Westburgh. 2,131,414; Sept. 27.
Stake, Vehicle. H. C. Swertfeger. 2,131,337; Sept. 27.
Stapling machine. W. Drypolcher. 2,131,473; Sept. 27.
Starting mechanism, Automatic. L. K. Loehr and W. E. Burdick. 2,131,403; Sept. 27.
Statistical data, Apparatus for collaborating. C. Borel. 2,131,497; Sept. 27.
Steak slicing and dicing machine. A. J. Gurney. 2,131,397; Sept. 27.
Steam dome. J. C. Marls. 2,131,537; Sept. 27.
Steam generating and superheating apparatus. C. S. Turner. 2,131,080; Sept. 27.
Steel, Treating. H. M. Garsson. 2,131,505; Sept. 27.
Steel, Treating. V. T. Malcolm. 2,131,710; Sept. 27.
Stencil. H. P. Elliott. 2,131,503; Sept. 27.
Stencil, Manufacturing a photographic. T. E. Kirch and D. R. Mead. 2,131,225; Sept. 27.
Stereoscope. H. Lateltin and H. E. Bernhard. 2,131,444; Sept. 27.
Stoker hopper switch. B. E. Shaw. 2,131,305; Sept. 27.
Stop, Door. I. Kreitler. 2,131,630; Sept. 27.
Stop motion system for knitting machines, Electric. J. Steinhart. 2,131,600; Sept. 27.
Storage tank. J. M. Chittim. 2,131,270; Sept. 27.
Strip, Tacking. L. Daly and F. X. Meiners. 2,131,704; Sept. 27.
Substances containing tantalum and/or niobium, Treatment of. J. P. Leemans. 2,131,350; Sept. 27.
Suction handle. S. Kaplan. 2,131,687; Sept. 27.
Superheat by gas mass flow. Method and apparatus for control of. C. E. Lucke. 2,131,058; Sept. 27.
Superheterodyne receiver. K. Schlesinger. 2,131,194; Sept. 27.
Supply circuit. A. M. Curtis. 2,131,585; Sept. 27.
Support for clotheslines and the like, Adjustable. A. Zetts. 2,131,416; Sept. 27.
Supporter, Bust. J. Tachat. 2,131,457; Sept. 27.
Supporting means for floors, Sound deafening. L. C. Schwensen and E. Johnson. 2,131,485; Sept. 27.
Surface of copper and copper alloy castings, Improving the. C. S. Smith. 2,131,719; Sept. 27.
Suspension for vehicles. S. B. Winn. 2,131,083; Sept. 27.
Swatter blade, Fly. M. W. Gatch. 2,131,534; Sept. 27.
Switch: *See*—
Snap switch.
Stoker hopper switch.
Tire deflation indicator switch.
Switch structure. F. C. Byram. 2,131,269; Sept. 27.
Switch with positive defrost and quick freeze adjustments, Automatic. M. E. Henning. 2,131,282; Sept. 27.
Switching device. V. I. Cruser. 2,131,584; Sept. 27.
Table. C. J. Miller. 2,131,594; Sept. 27.
Table structure. R. E. Schieber. 2,131,675; Sept. 27.
Tabulating board. O. Blitz. 2,131,266; Sept. 27.
Tabulating machine. U. M. W. Kölm. 2,131,226; Sept. 27.
Tag fastening device. C. A. Flood. 2,131,372; Sept. 27.
Tag for floor coverings or the like. S. Rosenthal. 2,131,543; Sept. 27.
Tank: *See*—
Storage tank.
Tank and elevator unit for agricultural implements, Combined. W. J. Coultas and N. D. Colvin. 2,131,273; Sept. 27.
Taper boring machine. R. A. Ames, L. D. Barner, and C. E. Nelson. 2,131,468; Sept. 27.
Telegraph signaling apparatus. H. V. Higgitt and K. L. Wood. 2,131,322; Sept. 27.
Telephone instrument. D. S. S. Steuart. 2,131,529; Sept. 27.
Telephone rest. J. J. Spissell. 2,131,648; Sept. 27.
Telephone system. S. E. Peterson. 2,131,568; Sept. 27.
Telephone system. N. H. Saunders. 2,131,572; Sept. 27.
Teleprinter and system, Simplified. S. Van Mierlo, C. A. J. Pulles, F. E. A. Smets, and L. Devaux. 2,131,202; Sept. 27.
Television method. M. von Ardenne. 2,131,203; Sept. 27.
Television tube, High vacuum. K. Schlesinger. 2,131,192; Sept. 27.
Temperature controlling system, Room. L. M. Persons. 2,131,295; Sept. 27.
Terminal assembly. H. Catron, R. L. Dashner, and M. W. Morris. 2,131,581; Sept. 27.
Terminal structure. C. C. Abbott. 2,131,577; Sept. 27.
Thermometer, Recording. M. O. Snediker. 2,131,573; Sept. 27.
Thermometer, Resistance. J. A. Obermaier. 2,131,065; Sept. 27.
Thread winding apparatus. E. M. Wilson. 2,131,130; Sept. 27.
Tire construction. A. H. Nellen. 2,131,636; Sept. 27.
Tire deflation indicator switch. H. P. Jones. 2,131,561; Sept. 27.
Toaster with detachable shell, Electric. J. J. Gough. 2,131,278; Sept. 27.
Tobacco and treating tobacco. S. Z. Avedikian. 2,131,160; Sept. 27.
Tobacco looping machine. D. R. Dinkins. 2,131,656; Sept. 27.
Tool for use in knitting machines. A. R. and R. J. Pitchers. 2,131,331; Sept. 27.
Top, Jar. A. Hudoba. 2,131,106; Sept. 27.
Tooth cleaning device. C. H. Seifert. 2,131,676; Sept. 27.
Toy. J. J. Collins. 2,131,550; Sept. 27.
Toy aeroplane propeller mounting. N. E. Walker. 2,131,490; Sept. 27.
Toy block. G. R. Kreider, Jr. 2,131,349; Sept. 27.
Toy or game apparatus. C. W. Auger. 2,131,496; Sept. 27.
Tractor gate, Cable operated. P. A. Kinzie, J. L. Savage, and W. H. Kohler. 2,131,052; Sept. 27.
Tractor gate, Internal stem operated. P. A. Kinzie, B. A. Halliday, and W. H. Kohler. 2,131,051; Sept. 27.
Traffic control system, Radio. W. S. Halstead. 2,131,042; Sept. 27.
Traffic controlling apparatus, Railway. R. A. McCann. 2,131,385; Sept. 27.
Trailer. M. Lynn. 2,131,110; Sept. 27.
Trailer, Dump. R. C. Kaster. 2,131,326; Sept. 27.
Trailer jack. J. T. Harbes. 2,131,281; Sept. 27.
Translucent screen, Fine grain. R. H. Draeger. 2,131,039; Sept. 27.
Transmission, Continuously variable. J. O. Almen and J. Ehrlich. 2,131,158; Sept. 27.
Transmission mechanism. A. S. Edmonds. 2,131,556; Sept. 27.
Transmission mechanism, Synchronizing. P. L. Tenney. 2,131,199; Sept. 27.
Tray, Tackle box. H. C. Murrer. 2,131,408; Sept. 27.
Treating solutions from petroleum oils, Separating. W. A. Schulze. 2,131,525; Sept. 27.
Triturating apparatus. W. B. Marshall. 2,131,689; Sept. 27.
Trolley retriever. C. I. Earll. 2,131,223; Sept. 27.
Truck, Material handling. M. L. Croff. 2,131,426; Sept. 27.
Truck, Tank-carrying. E. O. Robinson. 2,131,673; Sept. 27.
Tube: *See*—
Admiralty condenser tube.
Cathode ray tube.
Television tube.
Tubing, Producing multibore glass. E. Danner. 2,131,417; Sept. 27.
Tumbler. G. W. Temple. 2,131,260; Sept. 27.
Turbine pump. G. A. Biggs. 2,131,611; Sept. 27.
Twin cylinder engine. C. Monti. 2,131,595; Sept. 27.
Type and manufacturing; Printing. L. H. Klein. 2,131,289; Sept. 27.
Typewriting machine. W. A. Dobson. 2,131,135; Sept. 27.
Typewriting machine. J. A. B. Smith. 2,131,149–50; Sept. 27.
Typewriting machine. B. C. Stickney. 2,131,152; Sept. 27.
Utensil, Cooking. B. Gilowitz. 2,131,658; Sept. 27.
Vaccinating method and means. J. M. Isturiz. 2,131,284; Sept. 27.
Vacuum breaker. A. C. Dobrick and R. A. Tank. 2,131,430; Sept. 27.
Valve: *See*—
Gate valve.
Rotary valve.
Valve. H. A. Rike. 2,131,301; Sept. 27.
Valve operating mechanism. W. M. Goodwin. 2,131,507–8; Sept. 27.
Vaporizer, Electric. L. Jaroll. 2,131,560; Sept. 27.
Vegetable concentrates, Production of. W. H. Test. 2,131,394; Sept. 27.
Vehicle: *See*—
Motor vehicle.
Vehicle. V. W. Kliesrath. 2,131,184; Sept. 27.
Vehicle brake. F. T. Christian. 2,131,532; Sept. 27.
Vehicle construction. A. E. Northrup. 2,131,116; Sept. 27.
Vehicle suspension device. C. Heyermans and G. U. L. Sartoris. 2,131,661; Sept. 27.
Vehicle transmission control. J. Sousedik. 2,131,527; Sept. 27.
Ventilating and illuminating device, Combined. F. J. Kurth. 2,131,054; Sept. 27.
Viscometer. L. C. Lay. 2,131,379; Sept. 27.
Viscous materials, Apparatus for dehydrating. S. A. McDougall. 2,131,666; Sept. 27.
Voice frequency relay, Selector. P. F. Bechberger, C. S. Thompson, and F. Holborn. 2,131,424; Sept. 27.
Waist bearer and crosstie. L. L. Neebe. 2,131,540; Sept. 27.
Wall structure, Prefabricated unit. G. F. Boes. 2,131,268; Sept. 27.
Wardrobe case. S. Blumenthal. 2,131,267; Sept. 27.
Wardrobe, Sliding door. I. Blechman. 2,131,367; Sept. 27.
Washing process for textile materials. E. Franz. 2,131,137; Sept. 27.
Water-jet apparatus. L. Heidmann. 2,131,660; Sept. 27.

Water to steam boilers, Apparatus for feeding. T. J. Sullivan. 2,131,335; Sept. 27.
Wave signaling system. H. J. McCarthy. 2,131,538; Sept. 27.
Wave translation system. H. S. Black. 2,131,365; Sept. 27.
Wax from rotary filters, Removal of. R. B. Selund. 2,131,303; Sept. 27.
Weather protector. J. F. Fauner. 2,131,100; Sept. 27.
Weather strip for windows. F. and E. G. Austin. 2,131,087; Sept. 27.
Weave scanning apparatus, Solid. D. B. Gardner. 2,131,504; Sept. 27.
Weft replenishing loom. E. A. Morin and M. Bornstein. 2,131,114; Sept. 27.
Weighing apparatus. O. H. Basquin and O. P. Haegele. 2,131,683; Sept. 27.
Weighing apparatus. O. P. Haegele and O. H. Basquin. 2,131,684; Sept. 27.
Welt holding mechanism. W. C. Card, Jr. 2,131,370; Sept. 27.
Wheel: *See*—
Pneumatic polishing wheel.
Wheel suspension device for automobiles. S. Jencick. 2,131,476; Sept. 27.
Winding device for winding machines. W. Siegenthaler. 2,131,148; Sept. 27.
Window fixture, Sliding. A. F. Nye. 2,131,521; Sept. 27.
Window frame, Knock-down. O. M. Edwards. 2,131,099; Sept. 27.
Window operating device, Pneumatic. M. Dinco, E. and C. S. Komjathy. 2,131,618; Sept. 27.
Window shade bracket. F. C. Jenkins. 2,131,399; Sept. 27.
Window structure. T. A. Ferri. 2,131,251; Sept. 27.
Wiper, Windshield. L. W. Waters. 2,131,341; Sept. 27.
Working process for internal combustion engines and apparatus for carrying the same into effect. D. Mauthner. 2,131,384; Sept. 27.
Wrapping machine. G. Dalkowitz. 2,131,428; Sept. 27.
Yarn in birn and like winding apparatus, Measuring. G. A. Armett, A. P. Black, and S. M. Fulton. 2,131,086; Sept. 27.
Yarn winding machine. W. H. Bowden. 2,131,470; Sept. 27.
Yarns, Washing, desulphurizing, bleaching, finishing, and like treatments of artificial. A. Nai. 2,131,409; Sept. 27.
Zinc compound from galvanizer's waste, Making. H. S. Colton. 2,131,312; Sept. 27.
Zinciferous materials, Agglomerating comminuted. J. F. W. Schulze. 2,131,074; Sept. 27.

CLASSIFICATION OF PATENTS

ISSUED SEPTEMBER 27, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number=class, second number=subclass, third number=patent number

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Total	1,227		

Interference Notices

U. S. Patent Office, *Washington, D. C., August 1, 1938.*

Samuel Silverberg, his assigns or legal representatives, take notice:

An interference has been declared by this Office between the applications for patent of Samuel Silverberg, 115 Blue Hills Ave., Hartford, Connecticut, and Jeremiah J. Fazioli, 33 Grank St., Hartford, Connecticut. The attorneys who represented the party Silverberg, in withdrawing from the case, gave the present address of said Silverberg as 5118 Second St., N. W., Washington, D. C. The Office has been unable to secure service upon said Silverberg at this last mentioned address. Notice is hereby given that unless said Silverberg, his assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

U. S. Patent Office, *Washington, D. C., Aug. 4, 1938.*

William Johnston, Jr., and Jay W. Ferree, their assigns or legal representatives, take notice:

An interference has been declared by this Office between the sole application for patent of Jay W. Ferree, 703 Magee Bldg., Pittsburgh, Pa., and the joint application for patent of William Johnston, Jr., and Jay W. Ferree, 226 East End Ave. and 1004 S. Braddock Ave., Pittsburgh, Pa., respectively. The attorneys who represented the party Johnston and Ferree have withdrawn and the notice of withdrawal sent to Johnston and Ferree in care of William Johnston, Jr., 226 East End Ave., Pittsburgh, Pa., has been returned by the post office as undeliverable. The Office therefore has been unable to secure service upon the joint applicant Johnston. Notice is hereby given that unless said Johnston and Ferree, their assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Notice of Cancellation

U. S. Patent Office, *Washington, D. C., Aug. 8, 1938.*

White Goods Mfg. Co., its assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Carson Pirie Scott & Company, 366 West Adams Street, Chicago, Ill., to effect the cancellation of trade-mark registration No. 199,778, issued June 16, 1925, to White Goods Mfg. Co., 901–911 West Jackson Boulevard, Chicago, Ill., and a notice of such proceeding sent by registered mail to said White Goods Mfg. Co. at said address having been returned by the post office as undeliverable, notice is hereby given that unless said White Goods Mfg. Co., its assigns or legal representatives, shall enter an appearance within thirty days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

International Convention—Ratifications

This Office has been notified by the Secretary of State of the receipt of advice from the American Embassy at London that prior to July 1, 1938, the governments of the following countries, in addition to the Government of the United States of America, had deposited their ratifications at the British Foreign Office, of the International Convention for the Protection of Industrial Property signed at London on June 2, 1934:

United Kingdom, Great Britain and North Ireland	June 30, 1938
Denmark	July 29, 1937
Germany	August 18, 1937
Japan	June 17, 1938
Norway	March 2, 1938

The Convention, in accordance with Article 18 thereof, would seem to have come into force on August 1, 1938, with respect to the countries mentioned above.

CONWAY P. COE,
Commissioner of Patents

121553

Condition of Applications Under Examination at Close of Business August 20, 1938

(Total number of applications awaiting action, excluding Trade-Mark Division, 50,826; Trade-Mark Division, 1,386. Oldest new case, Nov. 11, 1937; oldest amended, Nov. 12, 1937.)
(The dates given are 1938 except where † indicates 1937)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Mar. 9	Mar. 9	854
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Mar. 18	Mar. 14	1,063
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	May 31	May 24	549
7083	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Apr. 15	Apr. 12	550
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	May 18	May 14	657
4898C	6. LEWERS, A. M., Carbon Chemistry (part)	Mar. 4	Mar. 8	1,242
5725	7. JARBOE, C. G., Optics; Photography	May 9	May 9	941
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Jan. 24	Jan. 21	926
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	May 9	May 19	445
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies and Tops; Vehicle Fenders; Spring Devices.	Apr. 2	Apr. 8	842
5087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Apr. 27	Apr. 28	553
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	Jan. 8	Jan. 8	931
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Mar. 25	Mar. 28	580
5097	14. SMITH, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	May 27	May 25	553
4897	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Apr. 10	Apr. 10	1,355
5716	16. SPENCER, C. J., Telegraphy; Telephony	Mar. 3	Mar. 6	953
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Apr. 1	Apr. 1	870
4812	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Mar. 23	Mar. 28	590
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Mar. 25	Mar. 29	797
6605	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Feb. 5	Feb. 14	539
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	May 16	May 16	515
5606	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults and Targets; Boats and Buoys; Ships; Marine Propulsion.	May 7	May 7	676
7624	23. BUTTNER, W. J., Registers (part)	†Nov. 11	†Nov. 12	332
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	May 21	May 21	689
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Apr. 25	Apr. 26	650
5898	26. YOUNG, R. R., Electricity, Generation; Motive Power	Apr. 21	Apr. 20	588
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Feb. 16	Feb. 24	1,196
4628	28. SOLYOM, H. L., Internal-Combustion Engines	Feb. 17	Jan. 17	595
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Feb. 24	Feb. 21	937
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Mar. 4	Feb. 25	837
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	May 21	May 23	634
4096	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	Apr. 29	May 2	620
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	May 13	May 2	959
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	May 2	Apr. 22	413
2876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Apr. 14	Apr. 7	868
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Mar. 1	Mar. 9	667
5886B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Feb. 23	Feb. 21	974
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stoneworking; Wells; Plastic Compositions.	Jan. 22	Jan. 14	880
4878	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Apr. 4	Apr. 4	649
7890	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Mar. 17	Mar. 17	1,552
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	Apr. 23	Apr. 23	316
5832	42. CUTTING, H. O., Electric Signaling	Jan. 17	†Dec. 23	859
6896B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Apr. 23	Apr. 18	628
4087B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Mar. 23	Mar. 25	741
7093	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Mar. 31	Apr. 14	808
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Apr. 7	Apr. 7	649
6082	47. LOWE, E. R. (Act.), Clutches; Brakes	Apr. 11	Apr. 16	758
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	May 6	May 6	553
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Jan. 31	Feb. 7	1,029
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Feb. 21	Feb. 21	880
5628	51. BACKUS, C. D., Radiant Energy	May 9	May 9	846
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	May 16	May 6	889
6807	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Apr. 21	Apr. 22	693
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	June 6	June 11	516
6883	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Mar. 11	Mar. 5	1,207
4726	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Mar. 21	Mar. 21	1,130
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Apr. 11	Mar. 28	544
5606	58. DOWELL, E. F., Abrading; Bottles and Jars	Apr. 22	Apr. 20	500
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	Apr. 23	May 5	790
5906	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Apr. 2	Apr. 2	564
6724	61. PARKS, G. E., Laminated Electrical Insulation; Belt, Hose, Tire, and Ball Making; Winding and Reeling; Fusing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Mar. 7	Mar. 9	804
5621	62. FUGH, E. C., Games; Geometrical Instruments	May 6	May 5	653
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	Apr. 28	Apr. 29	513
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Mar. 31	Mar. 31	1,200
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Feb. 19	Mar. 3	745
2099B	Trade-Marks, Labels, and Prints: F. A. RICHMOND (Trade-Marks	July 19	Aug. 5	1,243
	Labels and Prints	July 25	Aug. 5	143
2905	Designs: H. H. KALUPY	July 12	Aug. 3	990

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

WHITEHOUSE *v.* SAURER

No. 3,892. Decided February 28, 1938
[94 F.(2d) 821]

INTERFERENCE—PRIORITY.

Record reviewed and *Held* that S., the junior party, was the first to reduce the invention to practice, that W. failed to show diligence during the critical period and that priority was properly awarded to S.

APPEAL from Patent Office. Affirmed.

Mr. H. C. Lord (*Mr. Charles E. Riordon* of counsel) for Whitehouse.

Messrs. Ely and Frye (*Mr. Albert L. Ely* and *Mr. Richard C. Frye* of counsel) for Saurer.

GARRETT, *P. J.*:

This is an appeal from a decision of the Board of Appeals of the United States Patent Office affirming the decision of the Examiner of Interferences awarding priority of invention to the party Saurer upon two counts (the only counts involved) of an interference.

The interference was declared between a Reissue Patent, No. 19,017, issued to Whitehouse for an improvement in a cushion support, dated December 5, 1933, granted upon an application filed September 9, 1933, for the reissue of an original patent, No. 1,914,348, dated June 13, 1933, upon an application filed February 13, 1932, on the one hand, and, on the other, an application of Saurer filed October 11, 1933, for improvements in resilient mountings, the specification reciting an improvement of the resilient mountings shown in Saurer's copending application filed July 19, 1931.

The counts originated with the senior party Whitehouse, count 1 being claim 17 of his original patent (claim 13 of his reissue), while count 2 first appeared in the reissue as claim No. 23. The counts read:

Count 1. In a support, a rigid supporting side wall, a flexible rubber part bonded to the wall and projecting therefrom in load carrying relation thereto, and disposed a substantial distance from an end of the supporting wall forming a recess providing for movement of the rubber part toward the offset free edge of the side wall, and means receiving a load carried by the rubber part, said support being so constructed and arranged that the normal load thrust on the rubber part is carried by the rubber in shear, the rubber at the recessed end extending over the edge of the supporting wall forming a cushion support for the supporting wall.

Count 2. In a support, a rigid supporting side wall, a flexible rubber part bonded to the wall and projecting therefrom in load carrying relation thereto, and disposed a substantial distance from an end of the supporting wall forming a recess providing for movement of the rubber part toward the offset free edge of the side wall, and means receiving a load carried by the rubber part, said support being so constructed and arranged that at least the major portion of the normal load thrust on the rubber part is carried by the rubber in shear, the rubber at the recessed end extending over the edge of the supporting wall forming a cushion support for the supporting wall.

Saurer, in his preliminary statement, alleged conception, first drawings, written description and reduction to practice all in the early part of June, 1931. Whitehouse claimed September-October, 1927, for conception, drawings, disclosure to others and reduction to practice, with first written description in December, 1929. His statement also alleged that—

"on or about the 3rd day of October, 1927, he began actively exercising reasonable diligence in adapting and perfecting the invention."

With respect to Saurer's claimed dates, the Examiner of Interferences made the following finding:

Saurer's Exhibit 6, together with his testimony and that of Workman and Nelson, establishes conception by the junior party in June, 1931, and the testimony of Saurer, Farkas, and Sheldrick establishes successful tests amounting to a reduction to practice at least as early as July 10, 1931. Since these dates do not seem to be seriously questioned in Whitehouse's brief, it is not necessary to discuss this evidence in detail. It may be noted that Whitehouse admits (X Q's. 203 and 204) that the Saurer device had been released for production on the Pierce-Arrow car in January, 1932, and that he saw it at that time, so that there can be no question that Saurer had reduced to practice by this date, even if his proofs be disregarded.

It will be observed that the date so awarded Saurer for reduction to practice was prior to the filing date (February 13, 1932) of the original application of Whitehouse.

Whitehouse, in his appeal to the Board of Appeals, assigned no error as to the foregoing finding, and that tribunal, after stating its substance, said: "Whitehouse does not deny this finding by the Examiner of Interferences."

In the appeal to this court, the nineteenth assignment of error reads:

(19) The Board of Appeals erred in holding, if it did so hold, reduction to practice on the part of Saurer in *July, 1931.* [Italics ours.]

In view of the fact that Whitehouse did not challenge the finding in his appeal to the Board, that tribunal had no occasion specifically to pass upon it, and it may be doubted whether the assignment of error in the appeal to this court is in a form which requires consideration here. However this may be, it is noted that the assignment is limited to the July, 1931, period and does not call in question the January, 1932, period which was also prior to the Whitehouse filing date. We find no reason to question the correctness of the award to Saurer of the July date.

Both tribunals of the Patent Office concurred fully, for reasons specifically given, in holding (*a*) that the device relied upon by Whitehouse for actual reduction to practice in 1927 did not meet the counts; (*b*) that, even if the device is within the counts, it was not reduced to practice, or was an abandoned experiment, and (*c*) that there was lack of diligence on the part of Whitehouse over the requisite period—that is, from June, 1931, to February, 1932.

It may be said that the question of the Whitehouse device not supporting the counts was not raised by the party Saurer but by the Examiner of Interferences. The Primary Examiner allowed the claims which now constitute the counts, and Whitehouse, arguing the matter of interpretation to which he devotes much attention, urges that the Examiner must have given them an interpretation sufficiently broad to read on the said device, and that they

should have been so interpreted by the other tribunals of the Patent Office and should be so interpreted here. We do not understand, however, that there is any challenge of the legality of the action of the Examiner of Interferences in raising the question sua sponte. Indeed, the brief for Whitehouse says:

> The Examiner's [of Interferences] decision is based on reasons originally advanced by him. While occasionally a party may entirely overlook sound reasons for supporting his position or may, as in this case, accept a contrary view, it is obvious, the advancing of controlling reasons by the trial tribunal not recognized or urged by either party is fraught with more probable error than where these matters are threshed out in testimony and argument. This, it seems, should be considered in considering the persuasiveness of the decisions of the Patent Office on this subject.

The reduction to practice claimed by Whitehouse in 1927 is the production of a device, illustrated by an exhibit, introduced by Exhibit I, the molds for which were made from a sketch appearing upon a "Shop Memorandum" introduced as Exhibit N.

Exhibit I consists of a metal ring about one inch in diameter and five-eighths of an inch in height, into which has been inserted a rubber part completely filling the ring and extending exactly to the bottom thereof. A bolt-like metal member extends through the center of the rubber part, its lower end showing slightly below the bottom of the rubber part and its upper end, which is threaded, rising to the height of about an inch above the main upper part of the rubber. Attached to the bottom of the metal ring is a hollow rubber flange, or ring, which coincides with the dimensions of the metal ring, and which apparently is molded with the rubber filling in the metal ring.

The only use, or attempted use, of the device illustrated by Exhibit I, shown by the record, was for cushioning type-writing machines, and in his decision the Examiner assumed from the record that such devices "were made in 1927 and placed on typewriters."

The involved Saurer device and other devices of Whitehouse (later produced and not involved here) seem to have been designd primarily for use as mountings in automobiles.

It is noted that each of the counts requires a rigid supporting side wall having a flexible rubber part bonded thereto, the rubber so bonded to be—

> "disposed a substantial distance from an end of the supporting wall forming a recess providing for movement of the rubber part toward the offset free edge of the side wall, * * *."

The Examiner of Interferences points out that in Exhibit I there is no recess whatever between the inner side of the metal ring (the side wall) and the rubber member which fills it, "much less the substantial one required by the counts."

He adds:

> The only recess provided by Exhibit I lies solely within the rubber flange at the base of the metal ring. Similarly, the sketch on the shop order, Exhibit N, shows the rubber extending to or below the bottom of the metal ring. Whether or not this arrangement is equivalent to that specifically required by the counts need not be considered since it is well settled that, in interference issues, every limitation must be regarded as material (*Bijur* v. *Rushmore*, 1918, C. D. 122 and authorities there cited). It follows that regardless of what was done with devices such as Exhibit I, no reduction to practice of the invention here in issue could have been effected.

The Board specifically approved the foregoing, saying inter alia:

> In view of the cessation of activity by Whitehouse with respect to Exhibit I over a long period and his resumption of activity after he saw the Saurer device in production at the Pierce-Arrow factory, we agree with the Examiner of Interferences that there was no clear reduction to practice of Exhibit I.

Before us appellant contended for an interpretation of the counts which he insisted would lead to a holding that Exhibit I supports them. It seems to us it would be erroneous to hold that the exhibit can possibly meet the counts, unless the limitation under discussion be interpreted entirely out of them, and this we are not at liberty to do. We agree with the tribunals of the Patent Office that the limitation is a material one, and cannot accept the construction of Whitehouse to the effect, as stated by the Board, that—

> "the counts are completely satisfied by the extension of the rubber with no other relation or function than a mere cushion under the metallic shell to prevent the metallic contact of that shell with a supporting surface."

This contention is inconsistent, as the Board points out, with the statement in the oath accompanying the application for reissue that—

> "the claims [of the original patent] do not definitely state that at least the major portion of the load thrust is sustained by the rubber in shear."

We do not overlook the general rule stated by Whitehouse to the effect that where two interpretations are possible that one will be accepted which sustains the validity of an issued patent, but the rule is not applicable here because, in our opinion, the interpretation for which Whitehouse contends cannot reasonably be applied.

Under this view we do not regard it necessary to discuss the matter of abandoned experiment. Assuming, without deciding, that what Whitehouse did constituted a reduction to practice of whatever invention, if any, was involved in Exhibit I (and that he never abandoned it), such was not a reduction to practice of the invention of the counts. He may not rely upon the sketch, Exhibit N, nor the device, Exhibit I, for either conception or reduction to practice, in 1927, of the matter at issue in the counts.

The only remaining question requiring consideration here is that of diligence on the part of Whitehouse, following what seems to have been a conception of the invention in January, 1931.

The brief for Whitehouse says:

> The Examiner of Interferences * * * and the Board * * *, inferentially at least, conceded an earlier conception date to Whitehouse, but found that there was lack of diligence on the part of Whitehouse after the entrance of Saurer into the field.

There is no specific award of any date of conception to Whitehouse by either of the tribunals of the Patent Office. The Examiner of Interferences says:

> * * * It is suggested that sketches showing the invention were made during 1931 but nothing definite was done toward making and testing anything corresponding to the counts, nor were steps taken toward filing an application which, so far as appears, might have been done at any time. The fact that Whitehouse, after delaying for more than four years, filed his application within a month after seeing Saurer's development can scarcely be regarded as a coincidence. If he could file the case so promptly at this time, there is no apparent reason why he could not have done so long before. It must be held that Whitehouse did not exercise reasonable diligence between June, 1931, and February, 1932, when his application was filed.

There is in the record a drawing, accompanying a letter, the two consolidated and filed as Exhibit R, which seems to depict the invention. The letter bears date of January 19, 1931.

Assuming that it does show the invention at issue, it entitles Whitehouse to an award of a date of conception earlier than any date awarded Saurer for conception and reduction to practice, and the question then arises as to the diligence of Whitehouse.

The record has been examined with care in an effort to determine just what Whitehouse did in the way of constructing a device conforming to Exhibit R, or the doing of anything which might constitute diligence.

We find certain other sketches contained in Exhibit S, dated November 30, 1931, which seem to show the invention, but this date is after the date of July, 1931, awarded to Saurer for reduction to practice, and aside from that we fail to find any definite evidence of any device being constructed in accordance with the sketches prior to the time in January, 1932, when Saurer's device is clearly shown to have been in existence with Whitehouse having knowledge of same.

We think it must be held that Whitehouse failed to show diligence during the critical period.

In consequence of the foregoing facts, we find no error in the decision of the Board of Appeals and the same is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE DIDUSCH

No. 3,896. Decided February 28, 1938

[94 F.(2d) 812]

PATENTABILITY—SURGICAL TAPE.

Claims for surgical tape in the form of a ribbon of absorbable animal tissue *Held* unpatentable over the prior art.

APPEAL from Patent Office. Affirmed.

Mr. Ellis S. Middleton and *Mr. Walter M. O'Brien* for Didusch.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

GARRETT, *P. J.:*

We have here an appeal from a decision of the Board of Appeals of the United States Patent Office affirming the decision of the Examiner denying patentability, in view of prior art, of two claims, numbered, respectively, 3 and 11, of appellant's application for patent entitled "Ribbon gut and method of using the same." A number of method claims were allowed. The claims rejected are the product claims. They read:

> 3. As a complete article of manufacture surgical tape in the form of a ribbon of absorbable animal tissue.
>
> 11. As a complete article of manufacture surgical tape in the form of a ribbon of absorbable animal material from .8 to 2.0 centimeters in width, and in thickness no more than that of fine rice paper.

The prior art references cited are: Wise et al., 1,281,466, October 15, 1918; British patent, 393,488, June 8, 1933.

We quote allowed claim No. 10 as illustrative of the manner in which the product is used:

> 10. A method of closing an incision in a kidney which consists in wrapping a ribbon of absorbable material around said kidney, approximating the edges of the incision, securing the ends of the ribbon to maintain the edges of the incision in approximation, and embedding the kidney and ribbon in living tissue to permit complete absorption of the ribbon and healing of the incision.

With respect to the appealed claims, it is noted that No. 11, supra, differs from No. 3, supra, only by specifying certain dimensions of width and thickness of the ribbon composed of absorbable animal material, or tissue.

Appellant's specification teaches that the ribbon "may be made of any absorbable animal tissue such for instance as sheep intestine * * *." After describing the drawings in some detail, the specification recites:

> Referring now with particularity to the drawings, there is shown in the several figures at 1 a ligature or suture of absorbable animal tissue in the form of a ribbon or tape. While I do not wish to be limited strictly to dimensions, yet it has been found desirable to use a ribbon 45 to 65 centimeters in length, 1.8 to 2.0 centimeters in width, and in thickness no more than that of fine rice paper. In animal experiments it will probably be found desirable to make these ribbons one-half the above width, that is, approximately 0.8 centimeter, but in the operation on humans, full width may be used.

The British patent, cited as a reference, discloses a ribbon for surgical use made of "an aqueous solution of a polymerized vinyl alcohol," which is not an animal material.

We do not regard the British patent as being of any particular importance with respect to the product claims at issue, and we have no concern here with the allowed method claims.

Each of the claims of the patent to Wise et al. contains a limitation prescribing a suture composed of animal material twisted into a cord-like configuration. From the specification and one of the figures of the drawings it appears that the animal material before being twisted into a cord was formulated into a ribbon, and claim 1 of the patent reads:

> 1. A suture or other cord formed from a fabricated strip or ribbon composed of plumped animal fiber.

So, it is quite clear that the prior art teaches the making of a product of absorbable animal tissue in ribbon form of prescribed dimensions, although it was not claimed in that form, the form claimed being the cord form resulting from twisting the ribbon.

Doubtless this is explainable, as stated in substance by the Examiner, by the fact that at the time of the issue of the patent to Wise et al. it was not known that the ribbon form could be utilized for surgical purposes. Appellant's contribution to the art lies in the discovery that the material could be utilized in ribbon form. For that he was granted the method claims. He did not invent the ribbon form itself, nor do his dimensional limitations, as expressed in claim 11, supra, constitute anything more than an arbitrary choice of dimensions adapted to the necessities of the particular surgical operation being performed.

It is our view that the product claims were properly rejected as unpatentable over the prior art.

Accordingly, the decision of the Board of Appeals is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

GREENEBAUM TANNING CO. *v.* RESPRO, INC.

No. 3,894. Decided February 28, 1938

[94 F.(2d) 818]

1. TRADE-MARKS—OPPOSITION—GOODS OF SAME DESCRIPTIVE PROPERTIES.

Artificial leather *Held* to possess the same descriptive properties as genuine leather with which it competes directly.

2. SAME—SAME—CONFUSING SIMILARITY—ISSUE NOT AFFECTED BY DISCLAIMER.

In considering the mark for the purpose of comparison in determining the likelihood of confusing similarity, the mark must be considered as a whole and the fact that certain words are disclaimed apart from the mark as shown does not affect the issue.

3. SAME—SAME—SAME—"TUFDRI" AND "TUFSTA"; "TUFSKIN"; "TUFLEX".

Trade-mark having certain design features in addition to the disclaimed words "Tufdri" and "Leather" for use on artificial leather *Held* confusingly similar to opposer's registered marks "Tufsta", "Tufskin", and "Tuflex" used on leather employed conjointly in the manufacture of shoes.

APPEAL from Patent Office. Affirmed.

LENROOT, *J.*, dissenting.

Mr. Lester L. Sargent for Greenebaum Tanning Co.

Messrs. Roberts, Cushman & Woodberry, and *Messrs. Cushman, Darby & Cushman* (*Mr. Charles D. Woodberry, Mr. Robert L. Thompson*, and *Mr. Arlon V. Cushman* of counsel) for Respro, Inc.

GARRETT, *P. J.*:

This is an appeal from a decision of the Commissioner of Patents sustaining an opposition by Respro, Inc., to an application by Greenebaum Tanning Company for the registration of a trade-mark. The decision of the Commissioner reversed the decision of the Examiner of Interferences who had dismissed the opposition and adjudged right of registration to the applicant.

The Examiner of Interferences tersely stated the issue, together with descriptions of the opposing marks and of the goods of the respective parties, as follows:

> In the notice of opposition the confusion-in-trade clause of section 5 is relied upon by the opposer as the sole ground for negativing the right of registration claimed by the applicant.
>
> The opposer has pleaded ownership of three registrations granted prior to the earliest date of use to which the applicant is herein entitled, for the marks "Tufsta", "Tufskin", and "Tuflex". The stipulated testimony discloses that these marks are used upon artificial leather or leather substitute sold in competition with genuine leather to manufacturers of boots and shoes, portfolios, wallets, and the like.
>
> The applicant's mark comprises a rather fanciful design including a plurality of continuous octagonal figures which mutually overlap in such manner as to form a four-pointed star within the periphery of each of such figures. These overlapping portions of the adjacent figures each form a diamond-shaped outline wherein is imprinted the notation "Tufdri". The word "Leather" is duplicated in each star of this design in the shape of a cross. A field of dots appearing in each diamond-shaped outline gives the effect of a circular background within the extremities of each star. The applicant has disclaimed the notations "Tufdri" and "Leather" apart from the mark, these notations being merely descriptive of the goods of the latter. These goods are described in the application herein involved as leather, which the evidence shows to be used exclusively for outer soles for shoes.

In view of the simplicity of the issue of the case, we do not regard extensive discussion necessary.

One of the contentions on the part of appellant relates to differences in the specific character of the goods. It is said that appellant's goods are all leather, relatively heavy, and used only for leather soles, while the goods of appellee are artificial leather made of rubber and fabric and are not used for soles.

Appellant's application was amended a number of times before being passed to publication and does not appear in the record in its finally amended form, but, as best we can determine, it is not limited to use on sole leather, but might be applied to all leather. Furthermore, it appears from the stipulation as to testimony that artificial leathers, marketed by appellee under its "Tuflex" mark, are used, some for "innersoles for shoes," and others for "outersoles for children's and sport shoes, particularly bowler's shoes." Also, it appears from the stipulation that the type of leather marked "Tufsta" is used principally by manufacturers of boots and shoes in making various parts. Such parts are detailed and the stipulation states: "That in all of said uses, opposer's said artificial leather competes directly with leather."

[1] Without further pursuing the differences and similarities of the respective goods, we content ourselves with pointing out that obviously they are of the same general class and possess the same descriptive properties in the sense of the trade-mark registration act.

[2] It remains only necessary to compare the marks. For the purposes of making this comparison, the fact that appellant disclaimed the words "Tufdri" and "Leather" apart from the mark as shown does not affect the issue. As is pointed out in the decision of the Commissioner, this court, in the case of *Tetley & Co., Inc.*, v. *Bay State Fishing Co.*, 23 C. C. P. A. (Patents) 969, 82 F.(2d) 299, 1936 C. D. 319, 468 O. G. 278, said:

> We come next to a consideration of the respective marks of the parties. These marks are "Budget Special" and "Tetley Budget Tea." While the words "Special" in the one mark, and "Tea" in the other, are disclaimed, these words, of course, will appear in the mark as used, and the mark must be considered as a whole.

See also *California Cyanide Co.* v. *American Cyanamid Co.*, 17 C. C. P. A. (Patents) 1198, 40 F.(2d) 1003, 1930 C. D. 485, 399 O. G. 212, and *Trustees for Arch Preserver Shoe Patents* v. *James McCreery & Co.*, 18 C. C. P. A. (Patents) 1507, 49 F.(2d) 1068, 1931 C. D. 399, 410 O. G. 541.

So, the question here is, would the application of appellant's composite mark to goods of the same descriptive properties as those to which appellee's marks are applied "be likely to cause confusion or mistake in the mind of the public or to deceive purchasers"?

[3] We find ourselves in agreement with the view of the Commissioner expressed in the following terms:

> • • • I think there is at least a reasonable probability that confusion in the mind of the public would result from their concurrent use on the goods of the parties. It is true that applicant's mark is a composite one having certain design features in addition to the words "Tufdri" and "Leather," while opposer's marks consist of the mere words "Tufsta," "Tufskin," and "Tuflex;" but the design features cannot be spoken, and applicant's product would necessarily be known to the trade as "Tufdri" leather. It is also true that the goods of the parties are not identical, but in view of their conjoint use in the manufacture of shoes I doubt that the slight difference in their specific properties is of material importance.

In the briefs for the respective parties many cases are cited involving marks sometimes found dissimilar and others found similar. Unless there be a close relationship between the marks of decided cases and marks at issue in the case being heard, it is seldom helpful to an opinion for the courts to make comparisons and point out distinctions of fact.

In every case of contesting marks, the most helpful thing is to compare them, each with the other, and determine the question of likelihood of confusion (of course, under the rules of law as to which authorities are always helpful) in view of the nature of the goods to which they are, or are proposed to be, applied.

Distinction as to facts, either with respect to the marks or with respect to the goods, different from the distinctions here, we think, existed in all the cases cited by appellant, and those cases need not be reviewed.

It is our view that the Commissioner of Patents correctly applied the law to the facts of the instant case, and his decision is, therefore, affirmed.

Affirmed.

LENROOT, *J.* (dissenting):

I respectfully dissent from the conclusion in this case and the reasoning upon which such conclusion is based.

The Examiner held that the term "Tufdri" was descriptive of a quality of the goods to which it was applied. Before the mark was passed to publication he required appellant to disclaim the term apart from the mark shown, which was done.

That the term "Tufdri," applied to leather, is descriptive of the quality of leather, seems clear. This being so, I do not see how anyone could attach any importance to that portion of the mark as being in any way connected with the origin of the goods, and therefore any purchaser would be compelled to rely upon the portion of the mark not disclaimed to indicate origin.

I find nothing in the case of *Tetley & Co., Inc.*, v. *Bay State Fishing Co.*, 23 C. C. P. A. (Patents) 969, 82 F.(2d) 299, 1936 C. D. 319, 468 O. G. 278, contrary to the views above expressed.

Regarding the marks as a whole, I do not think there would be any confusing similarity, and therefore the decision of the Commissioner of Patents should, in my judgment, be reversed.

U. S. Court of Customs and Patent Appeals

IN RE URFER

No. 3,902. Decided March 7, 1938

[94 F.(2d) 985]

PATENTABILITY—SYNCHRONISM INDICATOR.

Claims relating to engine speed synchronizers of the stroboscopic type for multi-motored aircraft to give a visible indication of the relative speeds of the engines under observation *Held* unpatentable over the prior art.

APPEAL from Patent Office. Affirmed.

Messrs. McConkey & Smith (*Mr. Stephen Cerstvik* and *Mr. N. D. Parker, Jr.*, of counsel) for Urfer.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

JACKSON, *J.*:

This is an appeal from a decision of the Board of Appeals of the United States Patent Office, affirming a decision of the Examiner which rejected appellant's claims 30 to 33, inclusive, (all of the claims).

Claim 30 is illustrative and reads as follows:

> 30. In an aircraft having a plurality of internal combustion motors, an indicator arranged so as to be visible to the pilot of the aircraft and adapted to indicate when the motors are operating in synchronism, said indicator comprising a casing, a rotatably mounted dial in said casing, a plurality of annular concentrically arranged high tension electric discharge lamps disposed in separate concentric compartments in said casing behind said dial and electrically connected to the ignition systems of said motors, respectively, except one which serves as the master motor, whereby said lamps are periodically illuminated, said dial having a plurality of apertures arranged along a diameter thereof, a transformer, a direct current circuit including the primary winding of said transformer and means operated by said master motor for periodically interrupting said circuit at a frequency corresponding to the speed of said master motor whereby an alternating current is induced in the secondary winding of said transformer having a frequency corresponding to the speed of said master motor, and a synchronous electric motor energized by the alternating current from said transformer for rotating said dial at a speed corresponding to the speed of said master motor whereby the illuminations visible through the apertures in said rotating dial appear to be stationary when all of the motors are running at the same speed.

The references relied upon are as follows: Carr, 691,441, January 21, 1902; Haskins, 1,748,417, February 25, 1930; Simmons, 1,920,113, July 25, 1933.

The disclosure in the claims is well set out in the decision of the Board as follows:

> The invention relates to engine speed synchronizers of the stroboscopic type for multi-motored aircraft to give a visible indication of the relative speeds of the engines under observation. In the form shown in Fig. 1 the stroboscope comprises a circular casing containing two concentric neon tubes. A rotatable disk closes one side of the casing and is provided with a radial line of openings positioned in front of the tubes. The disk is rotated by a motor driven from a transformer. The primary of the transformer is connected in a circuit which includes a battery and an interrupter operated by the master motor. One neon lamp is connected to a circuit which leads to the spark plug of one of the auxiliary motors and the other neon lamp is connected to a circuit which leads to the spark plug of the other auxiliary motor. With this system the neon lamps will flash every time the spark plugs ignite the fuel. If all the motors are synchronized the spots of light appearing in the line of apertures will appear to remain stationary. If the motors are not synchronized the spots will appear to move.

The Carr patent relates to a device for determining the frequency of alternating currents and discloses a stroboscopic disk driven by an electric motor, of either the alternating or direct current type: provision is made whereby, by means of a variable rheostat, the speed of said motor, and likewise the speed of the disk, may be varied and controlled. A

plurality of lamps behind the disk are connected in parallel in an alternating current circuit and are flashed at a rate proportional to some other variable, all for the purpose of synchronizing the variables.

The patent to Haskins discloses a system for testing ignition of the cylinders in an automobile and shows a synchronizing arrangement in which a neon lamp is flashed by ignition impulses of the engine, and the lamp or indicator is rotated at a speed proportional to that of the engine by means of a synchronous motor which is energized by an alternating current voltage generator driven by one of the engine shafts.

The Simmons patent discloses a device for indicating the relative speeds of a plurality of motors in aircraft. The device of the patent is of the same general type as that of the claims, the only essential difference between them appearing to be the method of driving the stroboscopic disk. In the patent the driving of the disk is accomplished by a flexible shaft which is driven by gearing actuated by the cam shaft on the master motor.

The Examiner rejected the claims as aggregational. The Board, however, reversed the Examiner in this ground of rejection, and held the claims to be unpatentable over the prior art, particularly the Simmons patent. Therefore, the Board having reversed the Examiner on the issue of aggregation, such ground of rejection is not before us.

Appellant argues that in the device of the Simmons patent the stroboscope will not give an accurate reading of the relative speeds of the motors for the reason that the means of driving the disk results in backlash. This contention of appellant may be true. But the Simmons patent clearly discloses a modification of the driving device, using a synchronous motor to drive a stroboscopic disk, as follows:

> It is, of course, understood that the shaft may be driven directly from the crank shaft of the motor, or, if desired, by means of an impeller or by a synchronous electric motor. * * *

The Simmons patent does not show any details as to how the synchronous motor is to be driven in synchronism with the engine, and appellant contends the patentee did not do so for the reason that he obviously did not know or he would have said so.

From what has been hereinbefore set out, it would seem that the issue before us is whether or not in the light of the references, particularly the patent of Simmons, it would be obvious to one skilled in the art to employ, in the device of the patent, a transformer connected to a direct current circuit, which is interrupted by the master motor, as required in the claims, if it was thought to be desirable to drive the disk by means of a synchronous motor.

It does not follow that merely because Simmons did not show the hooking up of a synchronous motor in his device he did not know how to do so. The fact that he stated it could be used, if so desired, indicates to us that it was contemplated by him and we believe that the mechanical details necessary to accomplish the installation of a synchronous motor with a transformer would be clearly obvious to one skilled in the art.

In this connection the Board reasoned as follows:

> If a synchronous motor is used and it is synchronized with the main motor as is contemplated by the patentee, it would be obvious to employ a transformer as well as a direct current circuit which is interrupted by the master motor as required by the claims. These merely recite well known electrical expedients and obviously present nothing new to an electrician. The Haskins patent also discloses the use of a synchronous motor for driving the indicating means. This synchronous motor is arranged in a synchronous generator circuit, the generator being driven in unison with the engine. This arrangement is slightly different from that called for by the claims but it shows that various modifications in electrical connections are resorted to by electricians. The variation recited by the present claims is believed too well known to involve any patentable merit. We believe, therefore, that the claims are unpatentable.

Other matters concerning this issue have been urged upon us and have been given our careful consideration, but since we are of opinion that the claims are unpatentable for the reasons herein set forth, it is unnecessary to discuss them.

For the reasons stated, the decision of the Board of Appeals is affirmed.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,320,384, Godbold & Fletcher, Drill cutter; 1,480,014, F. L. Scott, Self-cleaning roller drill; 1,647,753, Scott & Wellensiek, Drill cutter, C. C. A., 10th Cir., Doc. 1625, *Southwestern Tool Co. et al.* v. *Hughes Tool Co.* Decree affirmed July 1, 1938.

1,459,829. (See 1,464,280.)

1,462,170, 1,660,503, 1,761,295, B. Greenfield, Fluid meter, filed July 8, 1938, D. C. R. I., Doc. E 599, *Power Patents Co.* v. *Builders Iron Foundry.*

1,464,280, L. P. Hynes, Electric heater; 1,459,829, same, Waterproof electric heater and its method of manufacture; 1,506,065, same, Electric heater and its mode of manufacture, filed July 7, 1938, D. C. Del., Doc. E 1271, *Consolidated Car-Heating Co., Inc.*, v. *H. E. Trent Co.*

1,470,600. Dinspel & Weigele, Pneumatic dispatch apparatus; 1,944,363, S. Olson, Control device for pneumatic dispatch tube apparatus, D. C., S. D. N. Y., Doc. E 82/126, *The Lamson Co.* v. *Peter Clark, Inc., et al.* Consent order dismissing bill (notice July 1, 1938).

1,480,014. (See 1,320,384.)

1,493,012, C. E. Abraham, Rust-proofing process and compound; 1,911,537, R. R. Tanner, Coating metal with an organic salt of the metal, D. C., E. D. Mich. (Detroit), Doc. 8254. *Bonding Process Corp.* v. *Parker Rustproof Co.* Dismissed July 20, 1938.

1,506,065. (See 1,464,280.)

1,536,044, J. W. Swan, Method and means to facilitate the distribution of fuel in internal combustion engines; 1,636,721, same, Manifold, C. C. A., 4th Cir., Doc. 4348, *The Swan Carburetor Co.* v. *The Nash Motors Co.* Decree affirmed July 14, 1938.

1,544,172, A. Perkins, Sorting and classifving of flat sheets, tallies, cards or the like; 1,739,087, same, Cards and the like for classificatory system, filed June 4, 1938, D. C. N. J., Doc. E 5915, *McBee Co.* v. *J. Vander May et al.*

1,560,763, F. M. Collins, Packing head and blow-out preventer for rotary type well-drilling apparatus; 1,708,316, Re. 20,631, J. W. MacClatchie, Blow-out preventer; 2,052,939, H. C. Otis, Well drilling apparatus; 2,105,754, same, Well drilling head; 2,036,537, same, Kelly stuffing box, filed July 9, 1938, D. C., N. D. Tex. (Dallas), Doc. E 3804–1060, *Otis Pressure Control, Inc., et al.* v. *The Gulberson Corp.*

1,611,767, E. D. Misner, Drive mechanism for washing machines, filed July 19, 1938, D. C., E. D. Mich. (Detroit),

Doc. 8479, *Universal Devices, Inc.*, v. *The Ernst Kern Co.*

1,618,702, M. J. Forsell, Insecticide, filed July 18, 1938, D. C., W. D. Wash., S. Div., Doc. E 619, *The C. H. Lilly Co.* v. *A. Louko et al.*

1,622,957. (See Re. 18,841 (a).)

1,635,690, F. C. Richner, Eaves trough hanger, filed July 1, 1938, D. C., E. D. N. Y., Doc. E 8564, *Berger Bros. Co.* v. *Royal Apex Mfg. Corp.*

1,636,721. (See 1,536,044.)

1,641,307, 1,791,771, R. J. Velepec, Screw driver, filed June —, 1938, District Court, District of Columbia, Doc. —, *Upson Bros., Inc.*, v. *Sears, Roebuck & Co.*

1,647,753. (See 1,320,384.)

1,647,753, Scott & Wellensiek, Drill cutter, C. C. A., 10th Cir., Doc. 1623, *Chicago Pneumatic Tool Co.* v. *Hughes Tool Co.* Decree affirmed July 1, 1938.

1,649,310, E. A. Joline, Flexible shaft, appeal filed July 7, 1938, C. C. A., 2d Cir., Doc. —, *The S. S. White Dental Mfg. Co.* v. *J. A. Fischer Co., Inc., et al.*

1,655,018, C. H. Loutrel, Compression spring washer, C. C. A., 3d Cir., Doc. 6672, *National Lock Washer Co.* v. *G. K. Garrett Co., Inc.* Decree reversed July 22, 1938.

1,659,109, J. D. Lawrence, Portable conveyer and pourer, filed June 30, 1938, D. C., S. D. Calif. (Los Angeles), Doc. E 1418–M, *J. D. Lawrence* v. *L. H. Garlinhouse et al.*

1,660,503. (See 1,462,170.)

1,682,390, A. Lute, Treating fibrous material, suit for declaratory judgment, filed June 21, 1938, D. C., S. D. N. Y., Doc. E 87/175, *L. L. Brown Paper Co.* v. *Hydroiloid, Inc., et al.*

1,684,671, H. P. Hayden, Method of preventing evaporation from cement concrete during curing, D. C. N. J. (Trenton), Doc. E 4911, *Barber Asphalt Co.* v. *Stultz-Sickles Co. et al.* Dismissed Mar. 8, 1938.

1,694,205, R. N. Chipman, Weed killer and method of killing weeds, C. C. A., 3d Cir., Doc. 6664, *Chipman Chemical Engineering Co., Inc.*, v. *Reade Mfg. Co.* Decree affirmed June 22, 1938.

1,697,563. (See Re. 17,361.)

1,702,612, C. K. Morse, Oil separating apparatus; 1,702,613, same, Process of separating oil from water and refuse materials, filed May 17, 1938, D. C. N. J., Doc. E 5909, *E. H. Morse* v. *Home Fuel Oil Co.*

1,702,613. (See 1,702,612.)

1,702,697, J. M. Larson, Animal controller, filed June 20, 1938, D. C., W. D. Tex. (San Antonio), Doc. E 639, *J. M. Larson* v. *T. J. Dragoo et al.* (*Buck-Mask Distributing Co.*).

1,708,316. (See 1,560,763.)

1,718,025. (See Re. 18,841 (b).)

1,726,500, R. F. Norris, Sound deadening construction, filed June 24, 1938, D. C., S. D. N. Y., Doc. E 87/186, *C. F. Burgess Laboratories, Inc.*, v. *Jacobson & Co., Inc., et al.*

1,727,108, H. W. Julius, Loose leaf binder, D. C., N. D. Ill., E. Div., Doc. 15002, *E. J. Joyce* v. *J. Kahn* (*The J-K Loose Leaf Bindery*). Patent held invalid for lack of invention; bill dismissed Feb. 9, 1937. Decree affirmed June 17, 1938.

1,738,252, 1,783,938, F. Keidel, Seal, C. C. A., 3d Cir., Doc. 6595, *International Seal & Knot Protector Co.* v. *E. J. Brooks Co.* Decree affirmed July 19, 1938.

1,739,087. (See 1,544,172.)

1,740,345. (See Re. 16,361.)

1,741,009, W. R. Buxton, Bill fold; 2,011,844, 1,866,618, same, Flexible pocket receptacle, filed July 12, 1938, D. C., E. D. N. Y., Doc. E 8570, *W. R. Buxton et al.* v. *I. Smallman et al.*

1,750,107. (See Re. 17,361.)

1,752,033, O. G. Simmons, Method of and apparatus for generating gear teeth; 1,767,191, same, Method of and apparatus for generating helical gears, D. C., N. D. Ohio, E. Div., Doc. E 5645, *D. L. Simmons* v. *The National Tool Co.* Dismissed June 2, 1938.

1,754,669, J. H. Cohen, Heater, D. C., E. D. Mich. (Detroit), Doc. 7330, *Casco Products Corp.* v. *Standard Hardware & Auto Supply, Inc.* Consent decree for plaintiff July 6, 1938.

1,761,295. (See 1,462,170.) 1,767,191. (See 1,752,033.)

1,773,967, C. Dreyfus, Process of cutting fabric and product thereof; 2,086,238, H. Platt, Ribbon cutter, filed July 7, 1938, D. C., S. D. N. Y., Doc. E 87/245, *Celanese Corp. of America* v. *Ribbon Narrow Fabrics Co., Inc.*

1,783,938. (See 1,738,252.)

1,789,754, 2,059,697, E. N. Jacobi, Lock; 1,789,755, same, Cylinder lock; 1,789,757, same, Tumbler lock, D. C., E. D. Mich. (Detroit), Doc. 8086, *Briggs & Stratton Corp.* v. *Wayne Lock Co.* Consent decree July 14, 1938.

1,789,755. (See 1,789,754.) 1,789,757. (See 1,789,754.)

1,791,771. (See 1,641,307.) 1,866,618. (See 1,741,009.)

1,880,192. (See 1,963,348.)

1,906,373. (See Re. 19,070.)

1,911,537. (See 1,493,012.)

1,915,565, S. Wise, Fill cap lock; Des. 86,552, same, Lock, D. C., E. D. Mich. (Detroit), Doc. 8098, *S. Wise* (*Wise Lock Co.*) v. *Wayne Lock Co.* Dismissed without prejudice July 8, 1938.

1,917,261, P. E. Hawkinson, Method of retreading tire casings; 1,917,262, same, Apparatus for retreading tire casings, C. C. A., 8th Cir. (St. Louis), Doc. 11148, *Gamble-Skogmo, Inc., et al.* v. *P. E. Hawkinson Co. et al.* Decree reversed July 15, 1938.

1,917,262. (See 1,917,261.)

1,934,492. (See Re. 19,070.)

1,944,363. (See 1,470,600.)

1,957,237, W. L. Upson, Fan blade; Des. 89,076, J. W. Gosling, Electric fan, C. C. A., 2d Cir., Doc. —, *General Electric Co.* v. *Parr Electric Co., Inc.* Decree modified holding 1,957,237 valid and infringed, and Des. 89,076 invalid (notice July 5, 1938).

1,963,348, 1,963,349, 1,880,192, E. E. Boyce, Sewing machine; 1,984,772, W. C. Stewart, Combined looper and loop cutting attachment for sewing machines, filed July 21, 1938, D. C., E. D. Tenn. (Chattanooga), Doc. 230, *The Boysell Co.* v. *Colonial Coverlet Co.*

1,963,349. (See 1,963,348.) 1,984,772. (See 1,963,348.)

2,011,844. (See 1,741,009.) 2,036,537. (See 1,560,573.)

2,039,607, M. A. Powers, Liquid fuel burning apparatus; 2,107,800, same, Carbureting ring structure for wall flame burners; 2,094,764, J. A. Wilson, Grill ring for liquid fuel burner; 2,119,830, Powers & Wilson, Apparatus for burning liquid fuels, filed July 9, 1938, D. C., N. D. Ohio, Doc. E 5750, *The Timken-Detroit Axle Co.* v. *Cleveland Steel Products Corp.*

2,052,939. (See 1,560,763.) 2,059,697. (See 1,789,754.)

2,086,238. (See 1,773,967.) 2,094,764. (See 2,039,607.)

2,105,754. (See 1,560,763.) 2,107,800. (See 2,039,607.)

2,119,830. (See 2,039,607.)

2,120,661, Des. 110,355, H. Gleitsman, Clothes hamper, filed July 11, 1938, D. C., E. D. N. Y., Doc. E 8567, *H. Gleitsman et al.* v. *Monarch Sanitary Products, Inc.* Doc. E 8568, *H. Gleitsman* v. *New York Standard Mfg. Co., Inc.*

Re. 17,361, P. J. McInerney, Art of building concrete surfacing structures; 1,697,563, J. N. Heltzel, Concrete surfacing joint and means for and method of forming same; 1,740,345, same, Traffic-line and joint machine and method of producing same; 1,750,107, same, Joint producing machine, D. C., E. D. Mich. (Detroit), Doc. 5753, *J. N. Heltzel* v. *W. H. Knapp et al.* Decree for plaintiff July 2, 1938.

Re. 17,393. (See Re. 18,841 (a).)

Re. 18,841 (a) (of 1,622,957 and Re. 17,393), J. Mayer, Hair waving method, D. C. N. J., Doc. E 5907, *Philad Co.* v. *American Beauty Products Co.* Dismissed June 2, 1938.

Re. 18,841 (b), J. Mayer, Hair waving method; 1,718,025, R. Bishinger, Hair curling appliance, D. C., N. D. Calif. (San Francisco), Doc. E 4256–R, *The Philad Co.* v. *Deckelman Bros., Inc.* Consent decree holding patents valid and infringed, injunction June 27, 1938.

Re. 19,070, H. Chretien, Autocollimating reflector and application to optical signaling and night advertising; 1,906,373, 1,934,492, A. Garbarini, Autocollimating reflector, filed July 13, 1938, D. C., S. D. N. Y., Doc. E 87/253, *Western Cataphote Corp.* v. *R. E. Dietz Co.*

Re. 20,631. (See 1,560,763.)

Des. 86,552. (See 1,915,565.)

Des. 87,097, J. J. Klecka, Finger ring, filed Mar. 2, 1938, D. C. Del., Doc. E 1249, Des. 93,423, A. Samuels, Wedding ring, included by counterclaim filed Apr. 22, 1938, *J. R. Wood & Sons, Inc.*, v. *A. S. Samuels Co.*

Des. 89,076. (See 1,957,237.)

Des. 93,423. (See Des. 87,097.)

Des. 110,355. (See 2,120,661.)

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 2,103,288, W. V. Hunt, Method and apparatus for killing poultry, decided August 3, 1938, claim 17.

Pat. 2,064,422, Fenske & McCluer, Process and apparatus for treating mineral oils, decided April 27, 1938, claims 1, 2, 3, 4, 8, and 9.

Disclaimers

1,606,212.—*Francis W. Dunmore* and *Percival D. Lowell*, Washington, D. C. POWER AMPLIFIER. Patent dated November 9, 1926. Disclaimer filed August 16, 1938, by the patentees and the exclusive licensee, *Dubilier Condenser Corporation.*

Hereby enter this disclaimer to any "electrodynamic type" of loud speaker as set forth in claim 1, except such as includes a field winding and a coacting armature winding and wherein the field winding offers substantial reactance to the effects of alternating current hum.

To any "field winding" as set forth in claims 2, 3, 5, and 9, except such as offers a substantial reactance to the effects of alternating current hum.

To any "reproducing means" as set forth in claim 4, except such as includes a field winding and an armature winding and wherein the field winding offers substantial reactance to the effects of alternating current hum.

To any "loud speaker" as set forth in claim 6, except such as includes a field winding and a coacting armature winding and wherein the field winding offers substantial reactance to the effects of alternating current hum.

To any "loud speaker sound reproducer having a pair of windings" as set forth in claim 7, except such as employs one of the windings as a reactance for substantially reducing the effects of alternating current hum.

To any "loud speaker reproducer" as set forth in claim 8, except such as includes a winding offering a substantial reactance to the effects of alternating current hum.

1,769,947.—*James M. G. Fullman*, Sewickley, Pa. CONNECTER FOR ELECTRICAL CONDUITS. Patent dated July 8, 1930. Disclaimer filed August 19, 1938, by the assignee, *National Electric Products Corporation*, and the exclusive licensee, *The Thomas & Betts Co.*

Hereby enter this disclaimer to claim 2 in said specification.

1,847,240.—*Frederick E. Frey*, Bartlesville, Okla. PROCESS FOR POLYMERIZING GASEOUS HYDROCARBONS INTO VOLATILE LIQUIDS. Patent dated March 1, 1932. Disclaimer filed August 10, 1938, by the assignee, *Phillips Petroleum Company.*

Hereby enters this disclaimer to the subject matter of claim 1 of said Letters Patent, except as said claim applies to a process in which the olefinic hydrocarbon gases are heated in the elongated passageway to a temperature sufficient only to initiate polymerization, and in which the polymerization takes place in an enlarged insulated reaction zone without addition of heat to said zone or abstraction of heat therefrom.

1,854,159.—*Lewis T. Robinson*, Schenectady, N. Y. SOUND RECORDING. Patent dated April 12, 1932. Disclaimer filed August 13, 1938, by the assignee, *General Electric Company.*

Hereby enters this disclaimer to claims 1, 6, 7, 8, and 9 of the said Letters Patent.

1,928,382.—*Werner Köster*, Dortmund, Germany. PERMANENT MAGNET. Patent dated September 26, 1933. Disclaimer filed August 2, 1938, by the assignee, *Deutsche Edelstahlwerke A. G.*

Hereby enters this disclaimer to claim 1 in said specification.

2,007,062.—*Howard B. Rapp* and *Ralph E. Ablott*, Santa Ana, Calif. DISK HARROW. Patent dated July 2, 1935. Disclaimer filed July 29, 1938, by the assignee, *Towner Manufacturing Company.*

Hereby disclaims claims 3, 5, and 6 of said Letters Patent.

2,030,307.—*Frederick H. MacLaren*, Calumet City, Ill. MANUFACTURE OF FOUR POINT DEPRESSORS. Patent dated February 11, 1936. Disclaimer filed August 8, 1938, by the assignee, *Standard Oil Company.*

Hereby enters this disclaimer to claims 1, 2, 3, 4, and 7 in said specification.

TRADE-MARKS

OFFICIAL GAZETTE, SEPTEMBER 6, 1938

[VOL. 494. No. 1]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 404,354. DOLESE & SHEPARD CO., Chicago, Ill. Filed Mar. 22, 1938.

"DOL-AG-STONE"

The word "Stone" is disclaimed apart from the mark.
For Agricultural Limestone.
Claims use since Nov. 26, 1937.

Ser. No. 405,306. JOHN J. MARKMAN, Washington, D. C. Filed Apr. 15, 1938.



No claim is made to the word "Ice" apart from the mark.
For Artificial Ice.
Claims use since Apr. 9, 1938.

Ser. No. 406,798. J. M. DICKINSON, Nashville, Tenn. Filed May 27, 1938.



The words "Arabian Horses" and the representation of the horse and the representation of the label are disclaimed apart from the mark.
For Arabian Horses.
Claims use since Mar. 1, 1937.

Ser. No. 406,967. B. D. EISENDRATH TANNING CO., Chicago, Ill. Filed June 1, 1938.

LEGION

For Leather.
Claims use since Apr. 21, 1938.

Ser. No. 407,203. CLYDE E. SPEER COAL CO., INC., Pittsburgh, Pa. Filed June 7, 1938.



JEFFERSON

The portrait is that of Thomas Jefferson, former president of the United States, now deceased.
For Coal.
Claims use since May, 1932.

Ser. No. 407,377. THE HENNEBERGER LUMBER & COAL CO., Hamilton, Ohio. Filed June 11, 1938.



No claim is made to the words "It's Burning When You Get Up" apart from the mark.
For Coal.
Claims use since Sept. 15, 1937.

CLASS 2

Receptacles

Ser. No. 407,721. CROWN ZELLERBACH CORPORATION, doing business as Crown Willamette Paper Company, San Francisco, Calif. Filed June 21, 1938.

SNOWFIBRE

For Paper Bags.
Claims use since Jan. 15, 1938.

Ser. No. 407,730. FIBREBOARD PRODUCTS INC., San Francisco, Calif. Filed June 21, 1938.

Zip

For Fiberboard Cartons and Pails.
Claims use since May 2, 1938.

CLASS 3

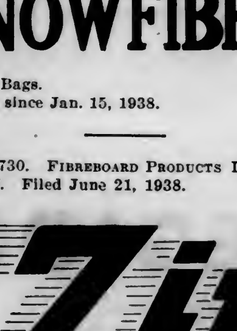
Baggage, Animal Equipments, Portfolios, and Pocketbooks

Ser. No. 407,629. HARTMANN TRUNK COMPANY, Racine, Wis. Filed June 18, 1938.

DUCORD

For Suitcases, Trunks, Hat Boxes for Luggage Purposes, and Wardrobe Hand Luggage.
Claims use since May 31, 1938.

Ser. No. 407,838. WESTERMAN-ROSENBERG INCORPORATED, New York, N. Y. Filed June 24, 1938.



For Ladies' Handbags.
Claims use since June 17, 1938.

Ser. No. 408,560. THE BEACH LEATHER COMPANY, Coshocton, Ohio. Filed July 16, 1938.

"The Streamliner"

For Leather Pocketbooks or Billfolds.
Claims use since June 15, 1938.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 402,458. THE ANDERSON COMPANY, Gary, Ind. Filed Jan. 29, 1938.

BUG-MASTER

For Chemical Cleaners for Cleaning Windshields and Other Glass Surfaces Adapted Particularly for Application Thereon by Hand, Using the Container as an Applicator.
Claims use since Dec. 3, 1937.

Ser. No. 405,935. ALBERT C. S. RAYMOND, doing business as Champion Products Co., Orange, Mass. Filed May 2, 1938.

BCLEANR

The word "Clean" is disclaimed except as shown.
For Cleaning Preparation, Specifically a Cleaning Preparation for Household, Laundry, and Dairy Use.
Claims use since Nov. 1, 1937.

Ser. No. 405,988. THE HART PRODUCTS CORPORATION, New York, N. Y. Filed May 4, 1938.

HYMOLIT

For Soaps and Soap Preparations.
For Claims use since Jan. 13, 1936.

Ser. No. 408,319. JAMES V. LAMORTE, New York, N. Y. Filed July 8, 1938.

Lis-Arge

For Shaving Creams.
Claims use since July 2, 1938.

Ser. No. 408,639. GENERAL HOUSEHOLD NECESSITIES CO., Los Angeles, Calif. Filed July 19, 1938.

CALI-FOAM

For Non-Explosive Cleaning Solvent for General Household Cleaning Purposes and Having Incidental Deodorizing and Moth Preventative Properties.
Claims use since June 13, 1938.

CLASS 6

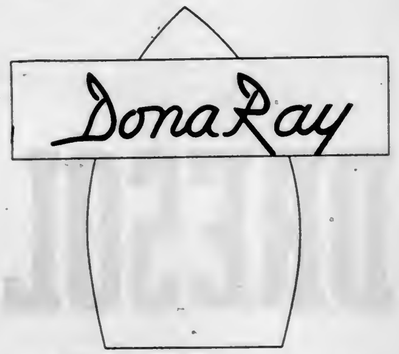
Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 376,285. REUBEN KUMPULA, Minneapolis, Minn. Filed Mar. 23, 1936.

TARMO

For Liquid Used in the Treatment of Arthritis, Rheumatism, and Muscular Aches and Pains.
Claims use since Feb. 1, 1936.

Ser. No. 390,522. A. J. KRANK COMPANY, St. Paul, Minn. Filed Mar. 25, 1937.



For Cleansing Cream, Face Cream, Cold Cream, Tissue Cream, Foundation Cream, Astringent Lotion, Finishing Lotion, Face Powder, Rouge, Lipstick, Hand Cream, Bleach Cream, Beauty Cream, Skin Lotion, Body Powder.
Claims use since Nov. 23, 1936.

Ser. No. 396,760. PAUL G. BRUMBACK, doing business as Cleanse-All Products Co., New York, N. Y., and Kansas City, Mo. Filed Aug. 26, 1937.



HY-O-FOM

For Shampoo, Bath and Facial Preparation.
Claims use since June 8, 1937.

Ser. No. 403,586. FORD HOPKINS CO., Chicago, Ill. Filed Mar. 2, 1938.



For Iodine, Milk of Magnesia, Spirits of Camphor, Oil of Wintergreen, Glycerin and Rose Water, Glycerin, Aspirin, Rubbing Alcohol, Witch Hazel, Castor Oil, Carbolic Acid, Camphor Oil, Bay Rum, Hinkle Pills, Psyllium, Disodium Salt of Didromoxymercuryfluoresdeine, Essence of Peppermint, Aromatic Cascara.
Claims use since February, 1934.

Ser. No. 407,149. MYRA W. LEESON, Los Angeles, Calif. Filed June 6, 1938.



For Cosmetics Including Complexion Creams, Lotions, Astringents, Perfumes, Toilet Water, and Bath Salts.
Claims use since Oct. 16, 1932.

Ser. No. 407,233. M. V. C. LABORATORIES, INC., Toledo, Ohio. Filed June 8, 1938.

ENDURO

For Manicure Preparation in Liquid Form To Be Applied to the Nails in Connection with Polish.
Claims use since May 23, 1938.

Ser. No. 407,238. NATIONAL ANILINE & CHEMICAL COMPANY, INC., New York, N. Y. Filed June 8, 1938.

NACAN

For Protective Oxidizing Agent and Kier-boiling Assistant for Dyed and Printed Materials.
Claims use since Mar. 7, 1933.

Ser. No. 407,242. RAY T. PARFET, doing business as Cosmic-Ray Enterprises, Kalamazoo, Mich. Filed June 8, 1938.

COSMIC - RAY

For Cough Syrup.
Claims use since May 25, 1938.

Ser. No. 407,282. JOSEPH PARDOLL, doing business as The Permanon Company, New York, N. Y. Filed June 9, 1938.

Permanon

For Cosmetics—Namely, Liquid Coating for the Lips.
Claims use since May 1, 1938.

Ser. No. 407,320. MAISON JEURELLE-SEVENTEEN, INC., New York, N. Y. Filed June 10, 1938.

COOL-OGNE

For Perfumes, Cologne, and Toilet Water.
Claims use since May 10, 1938.

Ser. No. 407,362. CELLULOID CORPORATION, Newark, N. J. Filed June 11, 1938.

CELLULUBE

For Chemical Substance or Mixture in Liquid Form (but Which May be in Solid, Crystal, or in Any Other Form), Used as a Lubricant, in Gas Filtering Media, in the Arts and Manufactures, as an Ingredient for Producing Other Chemical Compounds or Derivatives, Including Those Used in the Manufacture of Thermoplastic or Similar Compounds, or Which May Also be Used as a Finished Product for Producing Coating Compounds, Lacquers, Varnishes, Sheeting, and the Like.
Claims use since May 13, 1938.

Ser. No. 407,462. GENERAL CHEMICAL COMPANY, New York, N. Y. Filed June 14, 1938.



For Lime.
Claims use since January, 1880.

Ser. No. 407,517. MAURICE BABANI, Paris, France. Filed June 16, 1938.

Secret Princesse Nefertiti

For Perfumes, Toilet Water, Face Powder.
Claims use since Dec. 1, 1937.

Ser. No. 407,561. RÖHM & HAAS COMPANY, Philadelphia, Pa. Filed June 16, 1938.

LETHOIL

For Insecticides, Fungicides, or Disinfectants.
Claims use since May 26, 1938.

Ser. No. 407,583. ALBERT E. CLOUTIER, doing business as Dresol Chemical Co., Fall River, Mass. Filed June 17, 1938.

DRESOL

For Water Softener and Bleaching Preparation for Washing Clothes, Dishes, Windows, Glassware, Cut-Glass, Fine China, Cooking Utensils, Wood, Tile and Linoleum Floors, Painted or Enameled Woodwork and Walls, Porcelain and Enamel Wash Bowls, Bath Tubs, Sinks, Showers, Toilet Bowls, and as a Deodorizer for Drainage Pipes.
Claims use since May 15, 1938.

Ser. No. 407,590. FRIL LABORATORIES, Cincinnati, Ohio. Filed June 17, 1938.

fril

For Deodorant.
Claims use since May 5, 1938.

Ser. No. 407,595. LADY ESTHER, LTD., Chicago, Ill. Filed June 17, 1938.

WEATHERIZED

For Face Cream and Face Powder.
Claims use since May 27, 1938.

Ser. No. 407,611. WARWICK CHEMICAL COMPANY, West Warwick, R. I. Filed June 17, 1938.

HYDROLUX

For Assistant for Textile Dyeing and Printing.
Claims use since June 1, 1938.

Ser. No. 407,615. THE FRENCH RENOVATING COMPANY, Cleveland, Ohio. Filed June 16, 1938.



For Dyes.
Claims use since Oct. 1, 1910.

Ser. No. 407,641. RÖHM & HAAS COMPANY, Philadelphia, Pa. Filed June 18, 1938.

RHOTONE

For Printing Paste, Suitable for Printing Textile Fabrics.
Claims use since June 16, 1938.

Ser. No. 407,687. POLSTRAY CO., INC., New York, N. Y. Filed June 20, 1938.

Revol

For Preparation for Rheumatic Relief.
Claims use since April, 1938.

Ser. No. 407,705. ALKA-TONE COMPANY, Baltimore, Md. Filed June 20, 1938.

ALKA-TONE

For Preparation for the Treatment of High Blood Pressure and Headaches.
Claims use since February, 1933.

Ser. No. 407,733. CLIFFORD E. JONES, doing business as Peru Specialty Co., Peru, Ind. Filed June 21, 1938.

"ANT SHOTS"

For Insecticide Contained in Cap-Like Receptacles.
Claims use since May 1, 1938.

Ser. No. 407,812. C. N. MCKELVEY, doing business as McKelvey's Pharmacy, Bellaire, Ohio. Filed June 23, 1938.

Pine-Cre-Sote

The words "Pine" and "Creosote" are disclaimed.
For Cough Syrup.
Claims use since Jan. 1, 1937.

Ser. No. 408,278. J. LEON KAHN, doing business as the Tusscaps Laboratories, Washington, D. C. Filed July 7, 1938.

TUSSCAPS

For Medicinal Preparation for Use in Treating Head Colds, Muscular Aches and Pains.
Claims use since Aug. 18, 1936.

Ser. No. 408,431. WILLIAM EDWIN MILLER, doing business as Zip Manufacturing Co., Oklahoma City, Okla. Filed July 12, 1938.

ZIMCO

For Insecticides and Hair Oil, Pure Glycerine, Castor Oil, Concentrated Bluing, and Mineral Oil.
Claims use since June, 1935.

Ser. No. 408,502. INDEPENDENT STARCH COMPANY, INC., New York, N. Y. Filed July 14, 1938.

FLUFFY RUFFLES

For Starches for Laundering Purposes.
Claims use since Feb. 20, 1908.

Ser. No. 408,608. LONDON HOUSE, LTD., New York, N. Y. Filed July 18, 1938.



The representation of the container per se is disclaimed.
For Perfume.
Claims use since March, 1933.

Ser. No. 408,609. LONDON HOUSE, LTD., New York, N. Y. Filed July 18, 1938.



The representation of the container per se is disclaimed.
For Perfume.
Claims use since March, 1933.

Ser. No. 408,890. MCKESSON & ROBBINS, INCORPORATED, Bridgeport and Fairfield, Conn. Filed July 25, 1938.

tawn

For Suntan Oil, Insect Repellent Preparation.
Claims use since July 18, 1938.

Ser. No. 408,897. PARKE, DAVIS & COMPANY, Detroit, Mich. Filed July 25, 1938.

SODIUM THIOETHAMYL

No claim is made to the word "Sodium."
For Anesthetic.
Claims use since June 27, 1938.

Ser. No. 408,956. LETHELIN PRODUCTS COMPANY, INC., Wood Ridge, N. J. Filed July 27, 1938.

MAGIKIL

For Ant Bait for Use in Killing Ants.
Claims use since March, 1935.

Ser. No. 408,957. LETHELIN PRODUCTS COMPANY, INC., Wood Ridge, N. J. Filed July 27, 1938.

MYSTIKIL

For Insecticide or Plant Spray for Killing Plant Lice, Leaf Hoppers, White Flies and Other Sucking and Chewing Insects, and Plant Insects.
Claims use since March, 1935.

Ser. No. 408,974. HOWARD W. THOMAS, Aberdeen, S. Dak. Filed July 27, 1938.

Might

For Tooth Cleaning Solution.
Claims use since June 11, 1938.

Ser. No. 409,006. HAROLD JAMES MURPHY, doing business as Murphy Products Co., Gouverneur, N. Y. Filed July 28, 1938.

GENTALC

For Powder to Kill Head, Body, and Crab Lice on Humans and Domestic Animals and Birds.
Claims use since July 1, 1938.

Ser. No. 409,059. J. SCHANZENBACH & CO., INC., New York, N. Y. Filed July 29, 1938.

"SO"

For Shampoos and Hair Ointments.
Claims use since July 22, 1938.

Ser. No. 409,076. WILSON-PAGE CO., Seattle, Wash. Filed July 29, 1938.

Zippur

For Medicinal Preparation for the Relief of Stomach Disorders Due to Over-Indulgence in Alcoholic Liquors.
Claims use since Jan. 12, 1938.

CLASS 8

Smokers' Articles, Not Including Tobacco Products

Ser. No. 407,384. H. NEGBAUR & CO. INC., New York, N. Y. Filed June 11, 1938.

SWING-PAK

For Cigarette Cases.
Claims use since May 25, 1938.

CLASS 10

Fertilizers

Ser. No. 407,760. MARGARET B. MCGILL, Seattle, Wash. Filed June 22, 1938.

GOLD ◦ GARDENS

For Fertilizers for Flowers, Shrubs, Vegetables, and Plants.
Claims use since May 9, 1938.

CLASS 11

Inks and Inking Materials

Ser. No. 407,992. H. D. ROOSEN COMPANY, Brooklyn, N. Y. Filed June 28, 1938.

SLIK

For Ink Compounds.
Claims use since May 24, 1938.

Ser. No. 408,668. JOHN UNDERWOOD & CO., Brooklyn, N. Y. Filed July 19, 1938.

CENTENNIAL

For Carbon Papers and Typewriter Ribbons.
Claims use since June 28, 1938.

Ser. No. 408,671. JOHN UNDERWOOD & CO., Brooklyn, N. Y. Filed July 19, 1938.

ZEPHYR

For Carbon Papers and Typewriter Ribbons.
Claims use since June 28, 1938.

Ser. No. 408,798. ISIDORE H. GILBERT, doing business as Progressive Laboratory Specialties Company, Jamaica, N. Y. Filed July 22, 1938.

Permink

For Ink.
Claims use since July 10, 1938.

CLASS 12

Construction Materials

Ser. No. 402,497. FIBA-SEAL CHEMICALS, INC., Hoboken, N. J. Filed Jan. 29, 1938.

FIBA-SEAL

CONCENTRATED PRIMER-OL

The words "Seal," "Concentrated," and "Primer-ol" are disclaimed apart from the mark.
For Water-Proofing Preparation Other Than a Paint, Applied to Wood, Brick, Stucco, Fiberboard, Plaster, Concrete, Metal, and Other Kindred Products Thereof.
Claims use since April, 1937.

Ser. No. 405,928. KEASBEY & MATTISON COMPANY, Ambler, Pa. Filed May 2, 1938.

SMOOTH-SURF

The word "Smooth" is disclaimed apart from the mark.
For Roofing Materials Comprising Asbestos-Cement Roofing Sold in Rolled Form, Asphalt Rolled Roofings and Composition Shingles.
Claims use since Mar. 1, 1938.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 398,074. KROME-ALUME, INC., Lockport N. Y. Filed Oct. 1, 1937.

KROME-ALUME

The word "Krome" is disclaimed except as shown.
For Chrome Plated Aluminum Cooking Hollow-Ware.
Claims use since Dec. 1, 1935.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 402,223. THE INTERNATIONAL NICKEL COMPANY, INC., New York, N. Y. Filed Jan. 22, 1938.



No claim is made for the word "Everbrite" apart from the mark.
For Alloys Containing Nickel in the Form of Shot, Pellets, Blocks, or Pigs.
Claims use since July 12, 1937.

Ser. No. 407,828. UNA WELDING, INC., Cleveland, Ohio. Filed June 23, 1938.

3300

For Metal Electrodes anad Metal Rods for Welding and Arc Welding.
Claims use since May 18, 1938.

CLASS 15

Oils and Greases

Ser. No. 391,746. COLUMBIA REFINING COMPANY, Long Island City, N. Y. Filed Apr. 23, 1937.

TRAILER - PACK

The word "Pack" is disclaimed except as shown.
For Motor Lubricating Oils and Greases.
Claims use since Jan. 15, 1937.

Ser. No. 404,675. F. MARTY & COMPANY, Syracuse N. Y. Filed Mar. 30, 1938.

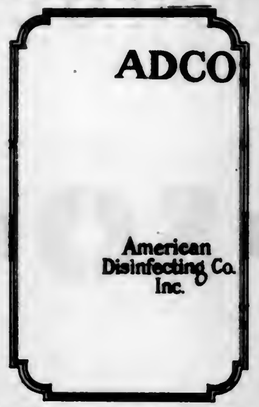
~~Duchess~~

For Hand Dipped Candles.
Claims use since Jan. 1, 1937.

CLASS 16

Paints and Painters' Materials

Ser. No. 400,675. AMERICAN DISINFECTING CO., INC., Sedalia Mo. Filed Dec. 10, 1937.



For Liquid Preparation for Surfacing, Dressing, Polishing, and Finishing Floors and Linoleum, Liquid Wax for Use on Floors, and Paint Removers.
Claims use since 1925.

Ser. No. 404,190. STANDARD ENAMEL AND PAINT CORPORATION, Indianapolis Ind. Filed Mar. 17, 1938.

WONDER WALL

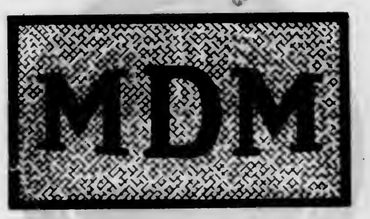
The word "Wall" is disclaimed apart from the mark.
For Ready Mixed Paint.
Claims use since May 10, 1934.

Ser. No. 406,026. METALS DISINTEGRATING COMPANY, INC., Union, N. J. Filed May 5, 1938.



For Flaked Disintegrated Metal Used as Paint Ingredient Particularly as Paint Pigments.
Claims use since Apr. 15, 1931.

Ser. No. 407,109. THE PATTERSON-SARGENT COMPANY, Cleveland, Ohio. Filed June 4, 1938.



For Dry and Ready Mixed Paints, Paint Enamels, Stains, Lacquers, and Varnishes.
Claims use since August, 1933.

Ser. No. 407,508. SURFACE-PROOFING PRODUCTS, INC., New York, N. Y. Filed June 15, 1938.

CORKENE

For Sound Deadening and Moisture Resisting Composition in the Nature of a Paint.
Claims use since Mar. 11, 1938.

Ser. No. 407,773. TARR & WONSON, LIMITED, Gloucester, Mass. Filed June 22, 1938.



For Marine Finishes—Namely, Preservative Paints for Bottoms, and Paints, Enamels, and Varnishes for Other Parts of Marine Craft.
Claims use since March, 1934.

Ser. No. 408,538. GENERAL PAINT CORPORATION, San Francisco, Calif. Filed July 15, 1938.

LA ESTRELLA

For Ready Mixed Paints.
Claims use since May 12, 1920.

CLASS 17

Tobacco Products

Ser. No. 400,532. OSCAR SCHWARZ, Chicago, Ill. Filed Dec. 6, 1937.



Applicant disclaims the word "Winston" apart from the mark.
For Cigarettes.
Claims use since Nov. 27, 1937.

Ser. No. 406,909. THE BLOCH BROTHERS TOBACCO CO., Wheeling, W. Va. Filed May 31, 1938.

PAR

For Smoking and Chewing Tobacco.
Claims use since May 24, 1938.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 402,460. THE ANDERSON COMPANY, Gary, Ind. Filed Jan. 29, 1938.

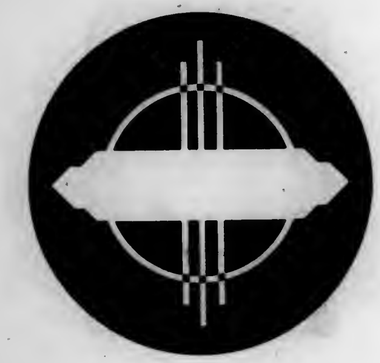
GLARE-MASTER

For Vehicle Glare Shields and Glare Reducers.
Claims use since Dec. 3, 1937.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 399,990. AUTOMATIC ELECTRIC COMPANY, Chicago, Ill. Filed Nov. 22, 1937.



The mark consists of a geometric design comprising a circle with a wide horizontal bar intersecting the circle and narrow vertical bars also intersecting the circle and the horizontal bar. No claim is made for the dark circular background apart from the representation of the mark as shown.

For Telephone Sets and Impulse Senders Therefor for Use in the Electrical Arts.

Claims use since Jan. 2, 1936.

Ser. No. 399,991. AUTOMATIC ELECTRIC COMPANY, Chicago, Ill. Filed Nov. 22, 1937.



No claim is made for the word "Strowger" or for the circular background apart from the mark.

For Telephone Sets and Impulse Senders Therefor for Use in the Electrical Arts.

Claims use since Jan. 2, 1936.

Ser. No. 399,992. AUTOMATIC ELECTRIC COMPANY, Chicago, Ill. Filed Nov. 22, 1937.



No claim is made for the words "Long Distance" or for the circular background apart from the mark.

For Telephone Sets and Impulse Senders Therefor for Use in the Electrical Arts.

Claims use since Jan. 2, 1936.

Ser. No. 403,328. PILOT RADIO CORPORATION, Long Island City, N. Y. Filed Feb. 23, 1938.

PIANO TUNING

No claim is made to the word "Tuning".

For Radio Receivers.

Claims use since Nov. 18, 1937.

Ser. No. 405,876. THE EDWIN F. GUTH COMPANY, St. Louis, Mo. Filed Apr. 30, 1938.

Excelux

For Electric Lighting Fixtures for Household and Commercial Installations.

Claims use since Mar. 30, 1938.

Ser. No. 407,559. RAYLITE TRADING CO., INC., New York, N. Y. Filed June 16, 1938.

APEX

For Christmas Tree Lighting Outfits or Lighted Wreaths.

Claims use since May 10, 1938.

Ser. No. 408,327. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed July 8, 1938.

ROADMASTER

For Electric Horns for Use on Automobiles and other Vehicles.

Claims use since Mar. 1, 1937.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 406,171. WILLIAM J. BEER COMPANY, INC., New York, N. Y. Filed May 10, 1938.

Luggi

For Skis and Component Parts Thereof.

Claims use since Apr. 5, 1937.

Ser. No. 408,294. SIGMUND W. ZABIENEK, Chelsea, Mass. Filed July 7, 1938.



No claim is made to the word "Pucks" apart from the mark.

For Game in the Nature of a Miniature Hockey Rink.

Claims use since May 31, 1938.

Ser. No. 408,921. JOY DOLL CORPORATION, New York, N. Y. Filed July 26, 1938.

Girl of

TO-MORROW

For Dolls, Stuffed Toys, Children's Play Furniture, Airplane Toys, Dolls' Clothing, Doll Carriages, Board Games, Toy Books, Children's Wheel Vehicles, Christmas Stockings, Crayon Sets, Cut-Out Paper Figures, Doll Accessories, Toy Figure Sets, Toy Trunks and Toy Luggage, Toy Skates and Toy Blocks.

Claims use since Apr. 1, 1938.

Ser. No. 408,922. JOY DOLL CORPORATION, New York, N. Y. Filed July 26, 1938.

INTERNATIONAL PARADE

For Dolls, Stuffed Toys, Children's Play Furniture, Airplane Toys, Dolls' Clothing, Doll Carriages, Board Games, Toy Books, Children's Wheel Vehicles, Christmas Stockings, Crayon Sets, Cut-Out Paper Figures, Doll Accessories, Toy Figure Sets, Toy Trunks and Toy Luggage, Toy Skates and Toy Blocks.

Claims use since Apr. 1, 1938.

Ser. No. 408,923. JOY DOLL CORPORATION, New York, N. Y. Filed July 26, 1938.

Miss 1939

For Dolls, Stuffed Toys, Children's Play Furniture, Airplane Toys, Dolls' Clothing, Doll Carriages, Board Games, Toy Books, Children's Wheel Vehicles, Christmas Stockings, Crayon Sets, Cut-Out Paper Figures, Doll Accessories, Toy Figure Sets, Toy Trunks and Toy Luggage, Toy Skates and Toy Blocks.

Claims use since Apr. 1, 1938.

Ser. No. 409,093. GAM SALES COMPANY, Peoria, Ill. Filed July 30, 1938.

CARD-O-FUN

For Number Game Played with Coupons.

Claims use since Apr. 1, 1938.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 398,605. L. O. BEARD TOOL COMPANY, Lancaster, Pa. Filed Oct. 18, 1937.



For Reamers, Pistons, Piston Pins, Valve Grinders, Reamer Drive Machines, Ridge Reamers; Axle, Wheel, and Bearing Pullers; Piston Pin Removers, Reamer and Bushing Drivers, and Valve Reseating Tools.

Claims use since June 1, 1921.

Ser. No. 405,429. KAL-MENDIT COMPANY, Erie, Pa. Filed Apr. 19, 1938.

KAL-MENDIT

For Fabric Repair Weaving Equipment and Hosiery Repair Machine Needles.

Claims use since Apr. 1, 1936.

Ser. No. 406,794. THE AMERICAN FORK & HOE COMPANY, Cleveland, Ohio. Filed May 27, 1938.

IMPERATOR

For Hand Agricultural and Garden Implements—Namely, Rakes, Forks, Hoes, Weeders, Edgers, Cutters, Harvesters, Chisels, Cultivators, Mattocks, Hooks, Scrapers, Spades, Trowels, Drags, Shovels, Scoops, Axes, Cattle Prods, Ditch-Bank Blades, Hammers, Hatchets, Hay Knives, Sod Lifters, Picks, Scythes, Seeders, and Handles for Agricultural Implements.

Claims use since Dec. 29, 1937.

Ser. No. 407,609. SIGNODE STEEL STRAPPING COMPANY, Chicago, Ill. Filed June 17, 1938.

SIGNIPS

For Package Binder Cutters—Viz., Tongued Metallic Shear-Clips for Application to Binders, Such as Steel Strap, and Operating Keys Therefor.
Claims use since June 10, 1938.

Ser. No. 407,734. HERMAN KRAMER, doing business as Kramer Manufacturing Co., Tulsa, Okla. Filed June 21, 1938.



RED MULE

For Power Driven Garden Tractors, Including Attachments Therefor Used in Ploughing, Harrowing, or Cultivating.
Claims use since July, 1936.

Ser. No. 407,736. MID-WEST PRODUCTION ENGINEERING, INC., Detroit, Mich. Filed June 21, 1938.



The outline of the name plate and the word "Pierce" are disclaimed apart from the mark.
For Machines Exclusive of Punch and Die Elements Associated Therewith for Forming Apertures in Metal.
Claims use since Aug. 15, 1936.

Ser. No. 408,414. BERG SALES CO., Chicago, Ill. Filed July 12, 1938.

Sheer

For Razor Blades.
Claims use since Nov. 1, 1937.

Ser. No. 408,441. THE UNION FORK & HOE COMPANY, Columbus, Ohio. Filed July 12, 1938.



For Hand Operated Tools—Namely, Axes, Lettuce Cutters; Thistle, Dock, and Weed Cutters; D-Handles for Tools, Manure Drags, Potato Drags, Phosphate Drags, Stone Drags, Lawn Edgers, Turf Edgers, Light and Heavy Forks, Alfalfa Forks, Asphalt Forks, Baling Forks, Ballast Forks, Barley Forks, Beet Forks, Clover Forks, Coal Forks, Coal Scoop Forks, Coke Forks, Cotton Seed Forks, English Digging Forks, Ensilage Forks, Fish Forks, Floral Spading Forks, Grain Forks, Hay Forks, Header Forks, Manure Forks, Mill Forks, Phosphate Forks, Potato Digging Forks, Pulp Forks, Shaving Forks, Spading Forks, Street Forks, Stone Forks, Stone Picker Forks, Tanners' Forks, Tar Forks, Vegetable Scoop Forks, Floral Garden Tools, Ice Chisels, Beet Hoes, Blackland Hoes, Boys' Hoes, Corn Hoes, Cotton Hoes, Cotton Chopper Hoes, Cultivator Hoes, Eye Hoes, Field Hoes, Floral Hoes, Garden Hoes, Grading Hoes, Grape Hoes, Grub Hoes, Handled Sprouting Hoes, Handled Square Eye Hoes, Ladies' Hoes, Mattock Hoes, Meadow Hoes, Mortar Hoes, Mortar Mixer Hoes, Nursery Hoes, Nurserymen's Hoes, Onion Hoes, Planter Hoes, Rhode Island Hoes, Riveted Hoes, Scuffle Hoes, Sprouting Hoes, Strawberry Hoes, Street Hoes, Sugar Beet Hoes, Thinning Hoes, Tobacco Hoes, Warren Hoes, Weeding Hoes, Whirlwind Hoes, Clam Hooks, Garbage Hooks, Manure Hooks, Nurserymen's Hooks, Phosphate Hooks, Potato Hooks, Refuse Hooks, Stone Hooks, Lawn Combs, Pokers, Asphalt Rakes, Brume Rakes, Clam Rakes, Curved Tooth Rakes, Dandelion Rakes, Flat Bow Rakes, Floral Rakes, Garden Rakes, Gravel Rakes, Lawn Rakes, Level Head Rakes, Malleable Rakes, Pine Needle Rakes, Road Rakes, Round Bow Rakes, Single Shank Rakes, Steel Rakes, Stone Rakes, Tar Rakes, Two-Man Rakes, Wire Lawn Rakes, Seedling Setters, Scoops, Barn Floor Scrapers, Chicken House Scrapers, Deck Scrapers, Floor Scrapers, Ship Scrapers, Fire Shovels, Floral Shovels, Side Walk Cleaners, Sod Lifters, Concrete Spades, Hand Spades, Tool Handles and Parts Thereof, Garden Trowels, Nurserymen's Trowels, Transplanting Trowels, Dandelion Weeders, Hand Weeders, and Onion Weeders.
Claims use since July, 1933.

CLASS 25

Locks and Safes

Ser. No. 408,880. FAITH MFG. CO., Chicago, Ill. Filed July 25, 1938.

" STOP THIEF "

For Hand-Operated, Key-Operated, and Electrically-Operated Locking Caps for Automobile Gasoline Tanks.
Claims use since Oct. 13, 1937.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 375,391. INTERNATIONAL MUTOSCOPE REEL CO. INC., New York, N. Y. Filed Feb. 29, 1936.

PHOTOMATIC

For Coin-Operated Photographic Machines.
Claims use since April, 1933.

Ser. No. 407,328. ROBERT J. REICHERT, doing business as Mirakel Optical Co., Mount Vernon, N. Y. Filed June 10, 1938.



For Optical Instruments, Such as Enlarging and Corrective Glasses.
Claims use since June 1, 1938.

Ser. No. 407,766. SCOTCH PRODUCTS INCORPORATED, New York, N. Y. Filed June 22, 1938.

TEMP-A-LARM

The word "A-Larm" is disclaimed apart from the mark "Temp-A-Larm."
For Thermometer Constructed to Sound an Alarm at Any Desired Temperature.
Claims use since June 7, 1938.

Ser. No. 408,375. COMMONWEALTH UTILITIES COMPANY, Chicago, Ill. Filed July 11, 1938.



For Cameras and Lenses.
Claims use since May 26, 1938.

CLASS 27

Horological Instruments

Ser. No. 405,041. JASPER J. SPURLOCK, Los Angeles, Calif. Filed Apr. 8, 1938.

AEROTEL

For Watches and Clocks.
Claims use since Apr. 1, 1937.

CLASS 31

Filters and Refrigerators

Ser. No. 404,821. TAYLOR FREEZER CORPORATION, Beloit, Wis. Filed Apr. 2, 1938.

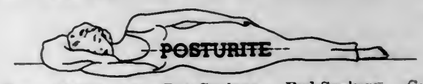
FREEZ-MATIC

The word "Freez" is disclaimed separate from the mark.
For Refrigerators, Counter Freezers, and Hardening Cabinet for Ice Cream and Ices.
Claims use since Jan. 1, 1938.

CLASS 32

Furniture and Upholstery

Ser. No. 408,530. BURTON-DIXIE CORPORATION, Chicago, Ill. Filed July 15, 1938.



For Mattresses, Box-Springs, Bed-Springs, Cots, Couches, Gliders, and Pillows.
Claims use since April, 1936.

Ser. No. 408,569. THE GENERAL FIREPROOFING CO., Youngstown, Ohio. Filed July 16, 1938.

Visi—Filer

No claim is made to the word "Filer" apart from the mark.
For Filing Cabinets.
Claims use since Apr. 20, 1938.

Ser. No. 409,074. UNIQUE FURNITURE MAKERS, a division of The J. C. Spach Wagon Works, Winston-Salem, N. C. Filed July 29, 1938.

BREAKFASTETTE

For Chairs and Combination Cabinet and Table.
Claims use since June 16, 1938.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 405,283. ALLAN ENGINEERING COMPANY, INCORPORATED, Dallas, Tex. Filed Apr. 15, 1938.



Applicant disclaims the notations shown on the drawing except "Knight" except as shown.
For Forced Draft Attic Ventilators.
Claims use since Mar. 24, 1938.

Ser. No. 406,041. ANEMOSTAT CORPORATION OF AMERICA, New York, N. Y. Filed May 6, 1938.

ANEMOFLOW

For Fan-Driven Ventilators, Air Diffusers, and Air Aspirators.
Claims use since Apr. 1, 1938.

Ser. No. 406,229. SIMMONS HARDWARE COMPANY, St. Louis, Mo. Filed May 11, 1938.

KEEN KOOKER

No claim is made to the word "Kooker" apart from the mark.
For Coal and Wood Ranges.
Claims use since Jan. 21, 1938.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 378,886. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio. Filed May 26, 1936.

Dual Balloon 8

The word "Balloon" is disclaimed apart from the mark. Applicant is the owner of registrations 342,083, 355,697, and 355,698.
For Pneumatic Tires.
Claims use since Sept. 8, 1928.

Ser. No. 408,546. THE PERFECT CIRCLE COMPANY, Hagerstown, Ind. Filed July 15, 1938.

General STEEL

The word "Steel" is disclaimed apart from the mark.
For Metal Piston Rings.
Claims use since June 1, 1938.

Ser. No. 408,547. THE PERFECT CIRCLE COMPANY, Hagerstown, Ind. Filed July 15, 1938.

General STEEL OIL STOPPER

The words "Steel" and "Oil Stopper" are disclaimed apart from the mark.
For Metal Piston Rings.
Claims use since June 1, 1938.

Ser. No. 408,951. IMPERIAL TIRE COMPANY, Brooklyn, N. Y. Filed July 27, 1938.

LAFAYETTE



The portrait is that of General Lafayette.
For Automobile Tires and Tubes.
Claims use since June 1, 1938.

Ser. No. 409,001. GRENADIER PRODUCTS INC., New York, N. Y. Filed July 28, 1938.

Grenadier

For Pneumatic Tires.
Claims use since June 24, 1938.

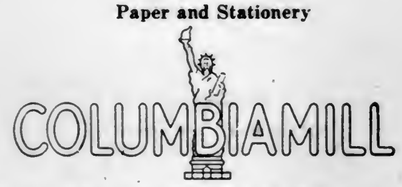
Ser. No. 409,035. JAMES C. HEINTZ, doing business as James C. Heintz & Company, Cleveland, Ohio. Filed July 29, 1938.

LIFE-CAP

For Pneumatic Tires and Retreaded Pneumatic Tires.
Claims use since Feb. 25, 1938.

CLASS 37

Paper and Stationery



Ser. No. 406,241. COLUMBIA RIVER PAPER MILLS, Vancouver, Wash. Filed May 12, 1938.
For Wrapping Paper.
Claims use since January, 1938.

Ser. No. 407,164. TOBEY-FINE PAPERS, INC., St. Louis, Mo. Filed June 6, 1938.

Glareze

For Coated and Uncoated Book Paper, Bond, and Ledger Papers, and Index Bristols.
Claims use since Dec. 21, 1937.

Ser. No. 407,262. GOLDSMITH BROS., New York, N. Y. Filed June 9, 1938.

ESCROW

For Writing and Typewriting Paper.
Claims use since May 17, 1938.

Ser. No. 407,431. THE GUMMED PRODUCTS COMPANY, Troy, Ohio. Filed June 13, 1938.

FLEXONED

For Gummed Paper Tape.
Claims use since Mar. 30, 1931.

Ser. No. 407,472. SHERMAN PAPER PRODUCTS CORPORATION, Newton, Mass. Filed June 14, 1938.

NU-TRIM

For Paper and More Particularly Corrugated Paper for Display Materials.
Claims use since Nov. 13, 1937.

CLASS 38

Prints and Publications

Ser. No. 403,042. HEARST MAGAZINES INC., New York, N. Y., assignor to F. W. Dodge Corporation, a corporation of New York. Filed Feb. 15, 1938.

AMERICAN ARCHITECT AND ARCHITECTURE

The word "American" is disclaimed apart from the mark.
For Magazine Published Monthly.
Claims use since June 10, 1936.

Ser. No. 404,040. EDWARD B. GALLOWAY, Oklahoma City, Okla. Filed Mar. 14, 1938.



Applicant disclaims the word "Handy" apart from the mark.
For Books, Letters, and Circulars Containing Advertising Matter and the Like, Sold as Such to the Trade.
Claims use since June 1, 1937.

Ser. No. 405,438. DAILY MIRROR, INC., New York, N. Y. Filed Apr. 19, 1938.

DAILY MIRROR

For Newspaper.
Claims use since June 24, 1924.

Ser. No. 407,005. THE BUTCHERS' ADVOCATE CO., INC., New York, N. Y. Filed June 2, 1938.

QUICK FROZEN FOODS

For Monthly Publication.
Claims use since Feb. 9, 1938.

Ser. No. 407,179. J. J. AUGUSTIN, doing business as J. J. Augustin, Publisher, New York, N. Y. Filed June 7, 1938.



Applicant disclaims the word "America" apart from the mark.
For Travelogue Books Containing Cartoons.
Claims use since May 15, 1938.

Ser. No. 407,668. FARM AND GROVE SYNDICATE, INC., Jacksonville, Fla. Filed June 20, 1938.

FLORIDA FARM & GROVE

The word "Florida" is disclaimed apart from the mark.
For Monthly Publication.
Claims use since February, 1927.

Ser. No. 408,159. GRANT PHOTO CORPORATION, New York, N. Y. Filed July 2, 1938.

FOTO FLIP

Applicant disclaims the word "Foto" apart from the mark.
For Articles of Commerce Comprising a Plurality of Related Photographs Bound Together in a Packet and Adapted, When Viewed Consecutively in Rapid Succession, to Present the Appearance of Moving Pictures.
Claims use since Mar. 10, 1938.

CLASS 39

Clothing

Ser. No. 394,807. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed July 2, 1937.

Velofleece

For Overcoats and Top Coats for Men and Young Men.
Claims use since Oct. 1, 1936.

Ser. No. 396,337. REGAL PAPER CO., INC., Pulaski, N. Y. Filed Aug. 12, 1937.



The words "House Apron" are disclaimed apart from the mark.
For Women's Aprons.
Claims use since Oct. 29, 1936.

Ser. No. 398,456. BURBERRYS LIMITED, London, England. Filed Oct. 14, 1937.



For Coats and Top Coats for Men, Women, and Children; Jackets for Men, Women, and Children; Skirts for Outer Wear for Women and Children; Hats and Caps for Men, Women, and Children.
Claims use since February, 1937.

Ser. No. 398,458. BURBERRYS LIMITED, London, England. Filed Oct. 14, 1937.



For Coats and Top Coats for Men, Women, and Children; Jackets for Men, Women, and Children; Skirts for Outer Wear for Women and Children; Hats and Caps for Men, Women, and Children.
Claims use since February, 1937.

Ser. No. 399,784. TRIANGLE UNDERWEAR CORPORATION, New York, N. Y. Filed Nov. 15, 1937.

TULI-GLO

For Ladies' Underwear and Slips.
Claims use since Oct. 11, 1937.

Ser. No. 404,475. SOL I. HYMAN, doing business as National Millinery Co. and National Wholesale Millinery Co., Baltimore, Md. Filed Mar. 25, 1938.

NATIONAL GIRL

For Hats for Children, Misses, and Ladies, Composed of Cloth, Felt, Straw, and Other Materials.
Claims use since Jan. 10, 1938.

Ser. No. 404,904. NATIONAL SHIRT SHOPS OF DELAWARE, INC., New York, N. Y. Filed Apr. 5, 1938.

National Club

For Men's and Youth's Outer Apparel, Particularly Sports Apparel—Namely, Shirts, Polo Shirts, Bush Coats, Sweaters, and Jerseys.
Claims use since Jan. 20, 1938.

Ser. No. 405,490. EASTERN QUALITY CORP., New York, N. Y. Filed Apr. 20, 1938.



All wording is disclaimed apart from the mark.
For Women's Fur Coats Made of Eastern Mink.
Claims use since Apr. 11, 1938.

Ser. No. 405,834. FISH & KIMMEL, INC., New York, N. Y. Filed Apr. 28, 1938.



A SEAL DYED CONEY FUR

The words "Seal" and "Seal Dyed Coney Fur" are disclaimed.
For Dyed Coney Coats, Capes, and Jackets.
Claims use since Jan. 1, 1937.

Ser. No. 405,857. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y. Filed Apr. 29, 1938.



The terms "Lustertone" and "Trousers" are disclaimed apart from the mark.
For Men's and Boys' Trousers.
Claims use since May 1, 1936.

Ser. No. 406,218. INTERWOVEN STOCKING COMPANY, New Brunswick, N. J. Filed May 11, 1938.



Applicant owns registration Number 49,830, February 20, 1906 (renewed).
For Hosiery.
Claims use since Apr. 20, 1938.

Ser. No. 406,425. LAMM BROTHERS, INCORPORATED, Baltimore, Md. Filed May 17, 1938.

LAM-TEX

For Men's and Boys' Suits Including Coats, Vests, and Trousers; Topcoats, Overcoats, Raincoats, Sport Trousers, and Sport Coats.
Claims use since 1921.

Ser. No. 406,453. THE THEODORE KOTZIN CO. LTD., Los Angeles, Calif. Filed May 18, 1938.

Sportire

For Men's and Boys' Wearing Apparel—Namely, Coats Both of Cloth and Leather, Trousers, Vests, Overcoats, Hats, Caps, Sweaters, Shirts, (Both Outer and Undershirts), Pajamas, Smoking Jackets, Underwear, Mufflers, Corduroy Suits; Ski Attire—Namely, Pants, Coats, and Caps; Riding Breeches, Polo Shirts, Hunting Suits, Bush Coats, Sport Jackets, Blouses, Sport Shirts, Golf Suits, Bathrobes, Swimming Suits, Play Suits, Sun Suits, and Masquarade Costumes.
Claims use since Mar. 31, 1938.

Ser. No. 406,526. M. H. RAAB-MEYERHOFF CO., INC., Philadelphia, Pa., and New York, N. Y. Filed May 19, 1938.

NELDEN

For Work and Negligee and Dress Shirts, Pajamas, Underwear for Men—Namely, Shorts and Shirts.
Claims use since February, 1938.

Ser. No. 407,229. LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y. Filed June 8, 1938.

Summerbrooke Cheviot

The word "Cheviot" is disclaimed apart from the mark.
For Men's and Boys' Suits.
Claims use since Apr. 20, 1938.

Ser. No. 407,230. LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y. Filed June 8, 1938.

Chevron Cheviot

The word "Cheviot" is disclaimed apart from the mark.
For Men's and Boys' Suits.
Claims use since Apr. 11, 1938.

Ser. No. 407,231. LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y. Filed June 8, 1938.

Emblem Saxony

The word "Saxony" is disclaimed apart from the mark.
For Men's and Boys' Suits.
Claims use since Apr. 11, 1938.

Ser. No. 407,378. HUT NECKWEAR CO., INC., New York, N. Y. Filed June 11, 1938.



For Neckties and Cravats.
Claims use since May 20, 1938.

Ser. No. 407,735. GORDON V. LYONS, INC., New York, N. Y. Filed June 21, 1938.



The words "Modes", "Paris", and "New York" are disclaimed apart from the mark.
For Women's and Misses' Coats and Suits.
Claims use since January, 1928.

Ser. No. 407,791. BROWN DURRELL CO., Boston, Mass., and New York, N. Y. Filed June 23, 1938.

Gordon
Peeress

Applicant is the owner of registrations Number 57,881, effected under the ten-year proviso, and of Number 219,861.
For Hosiery.
Claims use since June 10, 1938.

Ser. No. 407,889. TOBER-SAIFER SHOE COMPANY, St. Louis, Mo. Filed June 24, 1938.

JOLÉNE

For Women's Shoes of Leather, Rubber, Fabric, or Combinations Thereof.
Claims use since Aug. 8, 1936.

Ser. No. 407,920. SOL SHERMAN, New York, N. Y. Filed June 25, 1938.

ONE PIECE

COMBOVEST

BY SHERMAN

No claim is made to words "One Piece" and "By Sherman" apart from the mark.
For Cummerbund or Vest.
Claims use since June 1, 1938.

Ser. No. 408,024. LIVINGSTON & LIEBERMAN, New York, N. Y. Filed June 29, 1938.



The words "California Styled", "Clothes", "Tailored by", and "Mannish-Tailored" are disclaimed apart from the mark.
For Women's and Misses' Blouses, Dresses, Shirts, Skirts, Culottes, and Playsuits.
Claims use since June 1, 1937.

Ser. No. 408,025. GORDON V. LYONS, INC., New York, N. Y. Filed June 29, 1938.



The wording "Tweed" "Imported Wool", and "In That London Manner" and the outline of the label are disclaimed apart from the mark.
For Women's and Misses' Coats and Suits.
Claims use since Feb. 17, 1937.

Ser. No. 408,028. GORDON V. LYONS, INC., New York, N. Y. Filed June 29, 1938.

Gypsy Tweed

The word "Tweed" is disclaimed apart from the mark.
For Women's and Misses' Coats and Suits.
Claims use since November, 1936.

Ser. No. 408,029. GORDON V. LYONS, INC., New York, N. Y. Filed June 29, 1938.

LLAMAGORA

For Women's and Misses' Coats and Suits of Pile Fabric Having a Substantial Content of Llama's Hair.
Claims use since Mar. 2, 1937.

Ser. No. 408,033. TALLY-HO TAILORS, INC., New York, N. Y. Filed June 29, 1938.

MOHARA

For Ladies' and Misses' Coats, Suits and Coat and Suit Combinations.
Claims use since Feb. 2, 1937.

Ser. No. 408,127. NEW YORK KNITTING MILLS, INC., New York, N. Y. Filed July 1, 1938.

Chevonaire

For Knitted Sweaters and Women's, Misses', and Children's Knitted Suits.
Claims use since June 25, 1938.

Ser. No. 408,182. THE AMERICAN IMPORT COMPANY, San Francisco, Calif. Filed July 5, 1938.



For Handkerchiefs.
Claims use since June 28, 1938.

Ser. No. 408,232. BULLOCK'S, INC., Los Angeles, Calif. Filed July 6, 1938.

DEM-O-SELLE

For Foundations, Girdles, and Corsets.
Claims use since Oct. 6, 1937.

Ser. No. 408,344. MARSHALL FIELD & COMPANY, Chicago, Ill. Filed July 9, 1938.



For Children's Play Suits.
Claims use since Nov. 26, 1937.

Ser. No. 408,349. LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y. Filed July 9, 1938.

Royal North

For Men's and Boys' Outer Clothing—Specifically, Suits, Coats, and Trousers, and Sport Jackets.
Claims use since Oct. 15, 1937.

Ser. No. 408,383. JOSEPH M. HAGOAR, Dallas, Tex. Filed July 11, 1938.

MUSTANG



For Men's Trousers.
Claims use since Apr. 5, 1938.

Ser. No. 408,448. THE BAMBERGER-REINTHAL COMPANY, Cleveland Ohio. Filed July 13, 1938.

JITTER BUG

For Knitted Outerwear—Namely, Sweaters and Sweater Coats.
Claims use since June 16, 1938.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 408,317. I. B. KLEINERT RUBBER COMPANY, New York, N. Y. Filed July 8, 1938.

BUDGET

For Dress Shields.
Claims use since February, 1934.

Ser. No. 408,318. I. B. KLEINERT RUBBER COMPANY, New York, N. Y. Filed July 8, 1938

FEMINA

For Dress Shields.
Claims use since January, 1925.

CLASS 41

Canes, Parasols, and Umbrellas

Ser. No. 408,206. POLAN, KATZ AND COMPANY, Baltimore, Md. Filed July 5, 1938.

Foldbrella

For Umbrellas.
Claims use since May 27, 1938.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 398,122. NATIONAL FABRICS CORPORATION, New York, N. Y. Filed Oct. 4, 1937.

Slim Line Prints

The word "Prints" is disclaimed apart from the mark.
For Piece Goods of a Mixture of Cotton, Rayon, and Silk; a Mixture of Cotton and Rayon; Linen; All Silk; a Mixture of Rayon and Silk, and Other Combinations.
Claims use since Aug. 26, 1937.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 408,595. COLUMBIA MANICURE MFG. CO., INC., New York, N. Y. Filed July 18, 1938.

Fleur de Lis

For Orange Wood Sticks, Nail Buffers, Emery Boards, Nail Files, Cuticle Pushers, Cuticle Scissors, and Cuticle Knives.
Claims use since Sept. 1, 1923.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 408,376. VIRGINIA DARE EXTRACT COMPANY, INC., Brooklyn, N. Y. Filed July 11, 1938.

PANGO-PUNCH

The word "Punch" is disclaimed except as shown.
For Non-Alcoholic Beverage Known as Punch.
Claims use since June 22, 1938.

Ser. No. 408,778. AREN BEVERAGE & SPRING WATER CO., Milwaukee, Wis. Filed July 22, 1938.

SNOOKS

For Carbonated Beverages.
Claims use since May 28, 1938.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 354,288. FREMONT CANNING COMPANY, doing business as Gerber Products Company, Fremont, Mich. Filed July 25, 1934.



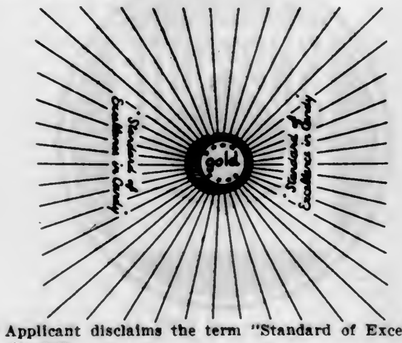
The picture is fanciful.
For Canned Foods—Namely, Strained Fruits, Strained Vegetables, Soups, and a Cereal Preparation for Infants or Invalids or for Use as a Breakfast Food.
Claims use since Feb. 4, 1932.

Ser. No. 393,924. DAVID E. WARNER, Storrs, Conn. Filed June 10, 1937.



For Food Comprising a Dried Meal Concentrate of Ground Vegetables.
Claims use since Apr. 7, 1937.

Ser. No. 397,198. SCHUTTER CANDY COMPANY, Chicago, Ill. Filed Sept. 7, 1937.



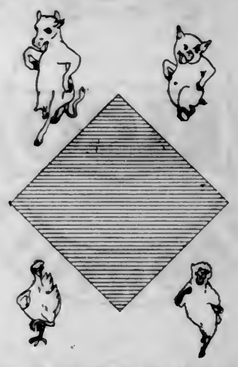
Applicant disclaims the term "Standard of Excellence in Candy".
For Candy.
Claims use since Aug. 2, 1937.

Ser. No. 399,727. OSKAR ROBINSON, Warsaw, Poland. Filed Nov. 13, 1937.



The representation of the label is disclaimed.
For Canned Ham and Canned Picnic Hams.
Claims use since 1922.

Ser. No. 400,003. THE GLIDDEN COMPANY, Cleveland, Ohio. Filed Nov. 22, 1937.



For Feed for Cattle, Sheep, Hogs, Poultry, and Dogs or Other Farm and Domestic and Carnivorous Animals or Circus and Zoo Animals and the Like.
Claims use since Oct. 15, 1937.

Ser. No. 400,399. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Filed Dec. 3, 1937.

CALOLA

For Canned Fruits.
Claims use since Aug. 27, 1936.

Ser. No. 401,228. SUNSET FEED & GRAIN CO. INC., Buffalo, N. Y. Filed Dec. 24, 1937.

SUNSET

For Milk Albumen, Buttermilk, Milk Sugar Feed Used in Poultry Mashes and Dairy Feed.
Claims use since January, 1936.

Ser. No. 402,192. LINDSAY-NILE PRODUCTS, INC., Mission, Tex. Filed Jan. 21, 1938.



The word "Sheba" is disclaimed apart from the mark.
For Celery Seasoning, Canned Vegetable Juices, and Canned Fruit Juices for Food Purposes.
Claims use since Nov. 1, 1937.

Ser. No. 402,967. EL CAMPO RICE MILLING COMPANY, El Campo, Tex. Filed Feb. 12, 1938.



The word "Rice" is disclaimed apart from the mark.
For Mixed Feed for Poultry, Etc., the Precise Composition of Which is Changed from Time to Time but Which Includes One or More of the Following Food Products—Rice Polish, Wheat Grey Shorts, Rice Bran, Brewers Rice, and Rice Hulls, Mixed with Molasses.
Claims use since 1925.

Ser. No. 404,059. SEVERINO ABUIN Y COMPAÑIA, Habana, Cuba. Filed Mar. 14, 1938.



The exclusive use of all wording except "El Nino" is disclaimed apart from the mark shown in the drawing.
For Pork Sausages and Sausages.
Claims use since November, 1937.

Ser. No. 404,094. SOCIÉTÉ D'EXPLOITATION GENERAL DES ALGUES MARINES (S. E. G. A. M.) (SOCIÉTÉ À RESPONSABILITÉ LIMITÉE), Brest, France. Filed Mar. 15, 1938.

ALGAR

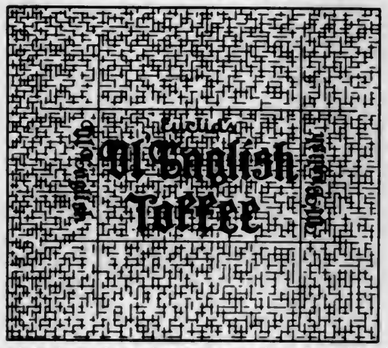
For Product in Solid, Liquid, Powder, or Paste Form Having Seaweed or Marine Algae Base Used as an Ingredient in Foods and Food Preparations.
Claims use since Jan. 17, 1935.

Ser. No. 405,733. NEW ENGLAND CONFECTIONERY COMPANY, Cambridge, Mass. Filed Apr. 26, 1938.

ROLO

For Chocolate Candy.
Claims use since Apr. 15, 1938.

Ser. No. 407,137. THE EUCLID CANDY CO. OF CALIFORNIA, INC., San Francisco, Calif. Filed June 6, 1938.



No claim is made to the representation of a gold colored label or to the words "Ol' English" and "Toffee" apart from the mark. The drawing is lined for gold.
For Candy Bars.
Claims use since Jan. 15, 1938.

Ser. No. 407,143. JARDRO BROTHERS, INC., New York, N. Y. Filed June 6, 1938.



The words "Snowhite" and "The Best of Everything for Bakers" are disclaimed apart from the mark.
For Powdered Milk for Cream Filling, Cakes, and Bread.
Claims use since Jan. 19, 1911.

Ser. No. 407,333. ELMER J. SCHROEDER, doing business as Elmer Schroeder, Buhl, Idaho. Filed June 10, 1938.



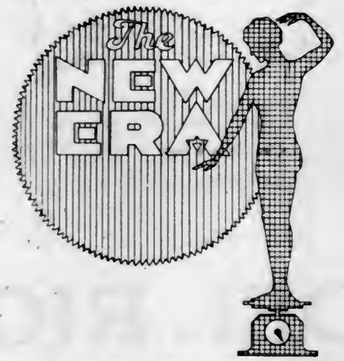
For Pop Corn in Its Natural State.
Claims use since Apr. 15, 1938.

Ser. No. 407,653. ALLIED MILLS, INC., Chicago, Ill. Filed June 20, 1938.

TOPPER

For Livestock Feeds.
Claims use since Jan. 2, 1926.

Ser. No. 407,881. NICOLAY-DANCEY INCORPORATED, Detroit, Mich. Filed June 24, 1938.



For Potato Chips and Canned Shoestring Potatoes.
Claims use since May 1, 1932.

Ser. No. 407,932. AMERICAN POP CORN COMPANY, Sioux City, Iowa. Filed June 27, 1938.

CRSPANCRUNCH

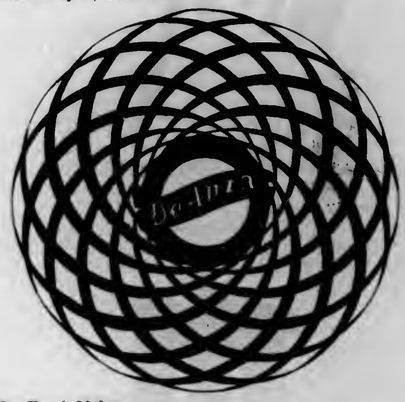
For Buttered and Candied Pop Corn.
Claims use since June 20, 1938.

Ser. No. 408,081. APPLES & PEARS, INC., Yakima, Wash. Filed July 1, 1938.

RAREFRUIT

For Fresh Deciduous Fruits.
Claims use since June 10, 1938.

Ser. No. 408,082. GEORGE G. AVERILL, San Pedro, Calif. Filed July 1, 1938.



For Fresh Melons.
Claims use since June 14, 1938.

Ser. No. 408,100. JAMES A. HARPER SUPPLY CO., Kansas City, Mo. Filed July 1, 1938.

MAL-THICK

Applicant disclaims the word "Thick" apart from the mark.
For Bulking Agent to be Added to Powdered Malted Milk to Produce a Heavy Creamy Consistency When Mixed for Soda Fountain Use.
Claims use since February, 1928.

Ser. No. 408,143. WORCESTER SALT COMPANY, New York, N. Y. Filed July 1, 1938.



For Salt.
Claims use since June 22, 1938.

Ser. No. 408,222. DR. A. WANDER S. A., Bern, Switzerland. Filed July 5, 1938.

VEGUVA

For Dehydrated Vegetable Food Product for Human Consumption.
Claims use since Sept. 17, 1928.

Ser. No. 408,277. HUYLER'S, New York, N. Y. Filed July 7, 1938.

hi-spot

For Cookies, Gingerbread Mix, Waffle Mix, and Chewing Gum.
Claims use since Jan. 24, 1938.

Ser. No. 408,283. MCCORMICK & COMPANY, INC., Baltimore, Md. Filed July 7, 1938.

McCORMICK

For Food Flavoring Extracts.
Claims use since May 1, 1938.

Ser. No. 408,391. JOE LOWE CORPORATION, New York, N. Y. Filed July 11, 1938.

STIKSICLE

For Frozen Confections.
Claims use since June 3, 1938.

Ser. No. 408,401. SANTIAGO ORANGE GROWERS ASSOCIATION, Orange, Calif. Filed July 11, 1938.

ROOSTER

Applicant is the owner of registration No. 29,634, registered March 2, 1897, in Class 46, Foods and ingredients of foods. Applicant is also the owner of registration No. 111,924, registered Aug. 15, 1916, in Class 46, Foods and ingredients of foods.
For Fresh Citrus Fruit.
Claims use since January, 1908.

Ser. No. 408,418. CLARK BROTHERS CHEWING GUM COMPANY, Pittsburgh, Pa. Filed July 12, 1938.

ARDENTS

For Candy-Coated Chewing Gum.
Claims use since June 15, 1938.

Ser. No. 408,541. THE KANSAS FLOUR MILLS CORPORATION, Kansas City, Mo. Filed July 15, 1938.

KAN-O

For Flour, Particularly Wheat Flour.
Claims use since July 9, 1938.

CLASS 47

Wines

Ser. No. 396,370. PETRI CIGAR CO., doing business as Petri Wine Company, San Francisco, Calif. Filed Aug. 13, 1937.



The portrait and name are those of Gaston de Peralta, celebrated viceroy of Mexico, afterwards constable of Navarre.
For Wines.
Claims use since May 5, 1937.

Ser. No. 399,653. FEDERAL WINE & LIQUOR CO., Jersey City, N. J. Filed Nov. 12, 1937.

DEL RIO

For Wines.
Claims use since December, 1934.

Ser. No. 404,375. QUALITY BRANDS, INC., San Francisco, Calif. Filed Mar. 22, 1938.

MARINA

For Wines.
Claims use since Mar. 8, 1938.

CLASS 48

Malt Beverages and Liquors

Ser. No. 408,164. MILLER BREWING COMPANY, Milwaukee, Wis. Filed July 2, 1938.

Miller



The name "Miller" is disclaimed apart from the mark.
For Beer.
Claims use since Mar. 17, 1936.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 397,407. C. HOLMGAARD, Elsinore, Denmark, and London, England. Filed Sept. 14, 1937.

Prins Hamlet

For Liqueur.
Claims use since Mar. 12, 1937.

Ser. No. 407,530. CHARTREUSE CORPORATION, New York, N. Y. Filed June 16, 1938.

CHARTREUSE

For Liqueurs.
Claims use since Jan. 1, 1870.

Ser. No. 407,531. CHARTREUSE CORPORATION, New York, N. Y. Filed June 16, 1938.



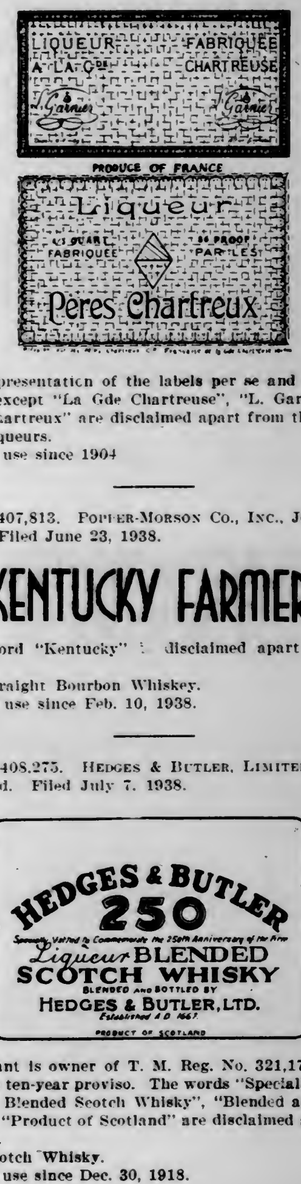
The representation of the labels per se and all spoken symbols except "La Gde Chartreuse", "L. Garnier", and "Peres Chartreux" are disclaimed apart from the mark.
For Liqueurs.
Claims use since 1904.

Ser. No. 407,532. CHARTREUSE CORPORATION, New York, N. Y. Filed June 16, 1938.

Pères Chartreux

For Liqueurs.
Claims use since 1904.

Ser. No. 407,533. CHARTREUSE CORPORATION, New York, N. Y. Filed June 16, 1938.



The representation of the labels per se and all spoken symbols except "La Gde Chartreuse", "L. Garnier", and "Peres Chartreux" are disclaimed apart from the mark.
For Liqueurs.
Claims use since 1904

Ser. No. 407,813. POPPER-MORSON CO., INC., Jersey City, N. J. Filed June 23, 1938.

KENTUCKY FARMER

The word "Kentucky" is disclaimed apart from the mark.
For Straight Bourbon Whiskey.
Claims use since Feb. 10, 1938.

Ser. No. 408,275. HEDGES & BUTLER, LIMITED, London, England. Filed July 7, 1938.



Applicant is owner of T. M. Reg. No. 321,177, effected under the ten-year proviso. The words "Specially Vatted", "Liqueur Blended Scotch Whisky", "Blended and Bottled By", and "Product of Scotland" are disclaimed apart from the mark.
For Scotch Whisky.
Claims use since Dec. 30, 1918.

Ser. No. 408,339. BLAIR DISTILLING COMPANY, St. Francis, Ky. Filed July 9, 1938.



The picture is a reproduction of a statue of Daniel Boone, pioneer.
For Whiskey.
Claims use since 1892.

Ser. No. 408,780. JAMES BUCHANAN & COMPANY LIMITED, London, England. Filed July 22, 1938.

BLACK & WHITE
TWELVE

For Whisky.
Claims use since June 21, 1938.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 400,079. AMERICAN SEAL-KAP CORPORATION OF DELAWARE, Long Island City, N. Y. Filed Nov. 24, 1937.



The word "Seal-Kap" is disclaimed apart from the mark.
For Milk Bottle Caps.
Claims use since September, 1923.

Ser. No. 407,355. CARDINAL LABORATORIES, INC., Chicago, Ill. Filed June 11, 1938.



For Bottle Caps, Can Caps, Container Closures, and Corks.
Claims use since Feb. 15, 1938.

[ACT OF FEBRUARY 20, 1905, AS AMENDED JUNE 10, 1938]

CLASS 12

Construction Materials

Ser. No. 408,470. NATIONAL OAK FLOORING MANUFACTURERS ASSOCIATION, Memphis Tenn. Filed July 13, 1938. Under act of Feb. 20, 1905, as amended June 10, 1938.

NOFMA

For Oak Flooring.
Claims use since January, 1935.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

SEPTEMBER 6, 1938

359,922. LADIES' DRESSES, NEGLIGEES, AND PAJAMAS. C. H. D. ROBBINS CO., INC., New York, N. Y.
Filed October 5, 1936. Serial No. 384,014. PUBLISHED JUNE 21, 1938. Class 39.

359,923. SPECIALIZED LUBRICATING AND PENETRATING OIL. ROY E. SCHNEIDER, doing business as Alder Products Co., Kansas City, Mo.
Filed November 4, 1936. Serial No. 385,154. PUBLISHED JUNE 28, 1938. Class 15.

359,924. CANNED CITRUS FRUIT JUICES FOR FOOD PURPOSES. GREGG MAXCY, INC., Sebring, Fla.
Filed November 14, 1936. Serial No. 385,525. PUBLISHED JANUARY 25, 1938. Class 46.

359,925. PORT WINES. FEUERHEERD BROS. & CA. LTDA., Villa Nova de Gaya (Oporto), Portugal.
Filed December 16, 1936. Serial No. 386,798. PUBLISHED JUNE 28, 1938. Class 47.

359,926. PAMPHLET. JOHNS-MANVILLE CORPORATION, New York, N. Y.
Filed January 26, 1937. Serial No. 388,192. PUBLISHED JUNE 28, 1938. Class 38.

359,927. AUTOMOBILE SEAT COVERS. EVR-KLEAN SEAT PAD CO., St. Louis, Mo.
Filed February 15, 1937. Serial No. 388,923. PUBLISHED JUNE 28, 1938. Class 19.

359,928. VEHICLE SEAT COVERS AND PADS. EVR-KLEAN SEAT PAD CO., St. Louis, Mo.
Filed February 15, 1937. Serial No. 388,927. PUBLISHED JUNE 28, 1938. Class 19.

359,929. ELECTRICAL APPLIANCES — NAMELY, TOASTERS, WATER HEATERS, COFFEE MAKERS, WAFFLE BAKERS, AND FOOD HEATING CONTAINERS. MCGRAW ELECTRIC COMPANY, Chicago, Ill.
Filed March 2, 1937. Serial No. 389,563. PUBLISHED JUNE 28, 1938. Class 21.

359,930. NATURAL SPRING WATER POSSESSING MEDICINAL PROPERTIES. MCFADDEN 3 SISTERS SPRINGS, Hot Springs National Park, Ark.
Filed March 8, 1937. Serial No. 389,792. PUBLISHED OCTOBER 12, 1937. Class 45.

359,931. SPICED SEASONINGS. THE WILLIAM G. BELL COMPANY, Boston, Mass.
Filed April 22, 1937. Serial No. 391,680. PUBLISHED JUNE 28, 1938. Class 46.

359,932. COMPOSITION ROOFING, SHEET METAL ROOFING, COMPOSITION SHINGLES, MILL BOARD, METAL ROOF GUTTERS. THE GEO. WORTHINGTON COMPANY, Cleveland, Ohio.
Filed April 24, 1937. Serial No. 391,832. PUBLISHED JUNE 28, 1938. Class 12.

359,933. CARVING KNIVES, BUTCHER KNIVES, POCKET KNIVES, KNIFE SHARPENERS, FRUIT CORERS, FRUIT PARERS, RAZORS, ETC. THE GEO. WORTHINGTON COMPANY, Cleveland, Ohio.
Filed April 24, 1937. Serial No. 391,835. PUBLISHED JUNE 28, 1938. Class 23.

359,934. RUBBER HOSE, LEATHER BELTING, CANVAS BELTING, WICK PACKING, AND VALVE PACKING. THE GEO. WORTHINGTON COMPANY, Cleveland, Ohio.
Filed April 24, 1937. Serial No. 391,840. PUBLISHED JUNE 28, 1938. Class 35.

359,935. SILK, SATIN, RAYON, AND COTTON PIECE GOODS. ARONSON-CAPLIN COMPANY, INC., New York, N. Y.
Filed April 29, 1937. Serial No. 392,006. PUBLISHED JUNE 28, 1938. Class 42.

359,936. COAL. JOHN C. STUVER, Barberton, Ohio.
Filed April 29, 1937. Serial No. 392,058. PUBLISHED JUNE 21, 1938. Class 1.

359,937. COAL. JOHN C. STUVER, Barberton, Ohio.
Filed April 29, 1937. Serial No. 392,059. PUBLISHED JUNE 21, 1938. Class 1.

359,938. COAL. JOHN C. STUVER, Barberton, Ohio.
Filed April 29, 1937. Serial No. 392,060. PUBLISHED JUNE 21, 1938. Class 1.

359,939. PERFUME. HARRY OHAYON, New York, N. Y.
Filed May 14, 1937. Serial No. 392,765. PUBLISHED MAY 17, 1938. Class 6.

359,940. SALTED, CANDIED, AND PLAIN NUT MEATS. THE KELLING NUT CO., Chicago, Ill.
Filed May 15, 1937. Serial No. 392,799. PUBLISHED JANUARY 11, 1938. Class 46.

359,941. WHISKEY. JAS. BARCLAY & CO. LIMITED, Detroit, Mich., and Peoria, Ill.
Filed May 29, 1937. Serial No. 393,409. PUBLISHED JULY 13, 1937. Class 49.

359,942. DOG FOOD RECEPTACLES. JUSTRITE MANUFACTURING COMPANY, Chicago, Ill.
Filed June 1, 1937. Serial No. 393,491. PUBLISHED JULY 20, 1937. Class 2.

359,943. ELECTRIC VACUUM CLEANERS. ZEPHYR COMPANY, Minneapolis, Minn.
Filed June 14, 1937. Serial No. 394,072. PUBLISHED JUNE 28, 1938. Class 21.

359,944. MEN'S AND BOYS' UNDERWEAR OF KNITTED AND TEXTILE FABRICS. CLUETT, PEABODY & CO., INC., Troy, N. Y.
Filed July 19, 1937. Serial No. 395,400. PUBLISHED JUNE 14, 1938. Class 39.

359,945. LADIES' COATS AND SUITS MADE OF WOOLEN MATERIALS ONLY. LOU SCHNEIDER, INC., New York, N. Y.
Filed July 16, 1937. Serial No. 395,318. PUBLISHED NOVEMBER 16, 1937. Class 39.

359,946. SHEETS AND PILLOWCASES. PEPPERELL MANUFACTURING COMPANY, Boston, Mass.
Filed July 22, 1937. Serial No. 395,538. PUBLISHED JUNE 28, 1938. Class 42.

359,947. PERIODICAL PUBLICATION. SALESMEN'S LEAGUE OF AMERICA, INC., New York, N. Y.
Filed July 24, 1937. Serial No. 395,629. PUBLISHED JUNE 28, 1938. Class 38.

359,948. MEN'S AND BOYS' TOP COATS AND OVERCOATS. THE JOSEPH & FEISS COMPANY, Cleveland, Ohio.
Filed July 27, 1937. Serial No. 395,669. PUBLISHED MARCH 1, 1938. Class 39.

359,949. FABRICS WOVEN FROM SILK, COTTON, RAYON, AND ACETATES, WHICH FABRICS HAVE HAD A COATING APPLIED TO THEM MAKING THEM WATER AND MOISTURE REPELLENT. KURT P. REIMANN, New York, N. Y.
Filed July 31, 1937. Serial No. 395,882. PUBLISHED JUNE 21, 1938. Class 50.

359,950. GIRLS' DRESSES. LARRY ENGLEBARDT & CO., New York, N. Y.
Filed August 14, 1937. Serial No. 396,392. PUBLISHED OCTOBER 19, 1937. Class 39.

359,951. LUBRICATING OILS, LUBRICATING GREASES AND MOTOR FUEL OIL, AND GASOLINE. UNIVERSAL MOTOR OILS CO., INC., Wichita, Kans.
Filed August 19, 1937. Serial No. 396,584. PUBLISHED DECEMBER 14, 1937. Class 15.

359,952. COMPLEXION SOAP. THE HEWITT SOAP COMPANY, INC., Dayton, Ohio.
Filed August 30, 1937. Serial No. 396,918. PUBLISHED JUNE 28, 1938. Class 4.

359,953. KENNEL BEDDING. JUD YOHO, doing business as Yoho & Hooker, Youngstown, Ohio, assignor to John Morrell & Co., Ottumwa, Iowa, a corporation of Maine.
Filed August 30, 1937. Serial No. 396,944. PUBLISHED FEBRUARY 8, 1938. Class 1.

359,954. RAZOR STROPPING MACHINES. AMERICAN SAFETY RAZOR CORPORATION, Brooklyn, N. Y.
Filed September 2, 1937. Serial No. 397,015. PUBLISHED FEBRUARY 8, 1938. Class 23.

359,955. ANTISEPTIC OINTMENTS FOR CUTS, BURNS, ETC. C. E. JAMIESON & Co., Detroit, Mich.
Filed September 11, 1937. Serial No. 397,335. PUBLISHED MAY 3, 1938. Class 6.

359,956. WOMEN'S DRESSES. BIBERMAN BROS. INC., Philadelphia, Pa.
Filed September 13, 1937. Serial No. 397,352. PUBLISHED NOVEMBER 16, 1937. Class 39.

359,957. ICE-CREAM CONFECTION. KARL DANA JAMES, doing business as K. D. James, Algona, Iowa.
Filed September 22, 1937. Serial No. 397,666. PUBLISHED JUNE 28, 1938. Class 46.

359,958. SKIS, SIDE-IRONS FOR SKIS, TOE IRONS FOR SKIS, SKI BINDINGS, JAWS OF SKI BINDINGS, TAKE-UP BUCKLES FOR SKI BINDINGS, SKI POLES, AND RINGS FOR SKI POLES. AL. REUGE ET CIE., Ste. Croix, Switzerland.
Filed September 24, 1937. Serial No. 397,770. PUBLISHED JUNE 28, 1938. Class 22.

359,959. PORCELAIN AND CROCKERY WARE FOR DOMESTIC AND RESTAURANT USE—NAMELY, DINNER-SERVICES, BREAKFAST-SERVICES, LUNCH-SERVICES, ETC. AKTIESELSKABET BING & GRØNDAHLS PORCELLÆNSFABRIK, Copenhagen, Denmark.
Filed October 8, 1937. Serial No. 398,271. PUBLISHED JUNE 28, 1938. Class 30.

359,960. SILVER-PLATED FLAT-WARE AND HOLLOW WARE FOR TABLE USE AND THE LIKE. INTERNATIONAL SILVER COMPANY, Meriden, Conn.
Filed October 11, 1937. Serial No. 398,356. PUBLISHED JUNE 28, 1938. Class 28.

359,961. YARNS OF WOOL, WORSTED, OR HAIR. RICHARD INGHAM & COMPANY LIMITED, Pudsey, England.
Filed October 15, 1937. Serial No. 398,539. PUBLISHED JUNE 28, 1938. Class 43.

359,962. TIRE REPAIR VULCANIZERS, TUBE REPAIR VULCANIZERS, SECTIONAL MOLDS, TIRE RECAPPING MACHINES, AND TIRE RETREADING MACHINES. SAFETY VULCANIZER COMPANY, Chicago, Ill.
Filed October 16, 1937. Serial No. 398,593. PUBLISHED JUNE 28, 1938. Class 23.

359,963. BUTTER. S. BUNBAUM COMPANY, Newton Centre, Mass.
Filed October 18, 1937. Serial No. 398,609. PUBLISHED JUNE 28, 1938. Class 46.

359,964. WINES. ANTONIO MORAMARCO, doing business as California Mission Vintage Co., Los Angeles, Calif.
Filed October 25, 1937. Serial No. 398,925. PUBLISHED JUNE 28, 1938. Class 47.

359,965. COMPOSITIONS OF MATTER OF THE TYPE COMMONLY KNOWN AS "PLASTICS" WHICH ARE RESINIFYING MATERIALS, AND WHICH COMPOSITIONS MAY BE USED TO COAT PAPER, TO BE FORMED IN SHEETS, OR TO BE ALLOWED TO HARDEN IN FORMS. AMERICAN PLASTIC CORPORATION, San Francisco, Calif.
Filed November 2, 1937. Serial No. 399,221. PUBLISHED JUNE 21, 1938. Class 1.

359,966. DIALS FOR USE ON CLOCKS, RADIOS, GAUGES, INDICATORS, AND THE LIKE. GEMLOID CORPORATION, New York, N. Y.
Filed November 9, 1937. Serial No. 399,504. PUBLISHED JUNE 28, 1938. Class 26.

359,967. MAGAZINE ISSUED MONTHLY. STORES PUBLISHING CO. INC., New York, N. Y.
Filed November 10, 1937. Serial No. 399,580. PUBLISHED JANUARY 11, 1938. Class 38.

359,968. ORANGE BUTTER, ORANGE MARMALADE, CITRUS FRUIT JUICES FOR FOOD PURPOSES—NAMELY, ORANGE JUICE, LIME JUICE, ETC. EARL SILZLE CO., Anaheim, Calif.
Filed November 16, 1937. Serial No. 399,810. PUBLISHED JUNE 28, 1938. Class 46.

359,969. WOMEN'S DRESSES. CARSON PIRIE SCOTT & COMPANY, Chicago, Ill.
Filed November 19, 1937. Serial No. 399,920. PUBLISHED JUNE 14, 1938. Class 39.

359,970. FRESH CITRUS FRUITS. GOLD BUCKLE ASSOCIATION, East Highlands, Calif.
Filed November 22, 1937. Serial No. 400,006. PUBLISHED JUNE 28, 1938. Class 46.

359,971. PERIODIC BULLETINS, REPORTS, AND COMPILATIONS OF DATA RELATING TO BROADCASTING ACTIVITIES. APPLEBY & APPLEBY, doing business as Audit Bureau of Broadcasting Coverage, Atlantic City, N. J.
Filed November 24, 1937. Serial No. 400,080. PUBLISHED JUNE 28, 1938. Class 38.

359,972. CANNED FRUITS AND CANNED VEGETABLES. NEW ERA CANNING COMPANY, New Era, Mich.
Filed November 24, 1937. Serial No. 400,123. PUBLISHED JUNE 28, 1938. Class 46.

359,973. FRESH CITRUS FRUITS. TOLAND & DONALD, Mission, Tex.
Filed November 24, 1937. Serial No. 400,138. PUBLISHED FEBRUARY 15, 1938. Class 46.

359,974. CUTTING TOOLS FOR TURNING, MILLING, DRILLING, BORING, THREADING, AND PLANING MACHINES, AND PARTS OF SUCH TOOLS. AMERICAN CUTTING ALLOYS, INC., New York, N. Y.
Filed November 26, 1937. Serial No. 400,149. PUBLISHED JUNE 28, 1938. Class 23.

359,975. PIPE JOINT COMPOUNDS. KENITE LABORATORY, INC., New York, N. Y.
Filed November 30, 1937. Serial No. 400,305. PUBLISHED JUNE 28, 1938. Class 12.

359,976. MAGAZINE PUBLISHED FROM TIME TO TIME. CHURCHILL DOWNS-LATONIA INC., Louisville, Ky.
Filed December 7, 1937. Serial No. 400,551. PUBLISHED JUNE 28, 1938. Class 38.

359,977. WHISKEY. NEEDLE'S LIQUORS, INC., Baltimore, Md.
Filed December 8, 1937. Serial No. 400,610. PUBLISHED FEBRUARY 1, 1938. Class 49.

359,978. MEN'S AND WOMEN'S CLOTHING—NAMELY, SUITS, TROUSERS, OVERCOATS, TOPCOATS, JACKETS, AND OUTER SHIRTS; SAID GARMENTS BEING MADE OF RAYON ACETATE CLOTH. GAYNES CLOTHING CORP., New York, N. Y.
Filed December 10, 1937. Serial No. 400,689. PUBLISHED JUNE 7, 1938. Class 39.

359,979. LUBRICATING OILS AND LUBRICATING GREASES. STANDARD OIL COMPANY OF NEW JERSEY, Wilmington, Del.
Filed December 17, 1937. Serial No. 401,002. PUBLISHED JUNE 28, 1938. Class 15.

359,980. HAIR PINS, BARRETTES, BANDEAUX, COMBS, HAIR CLIPS, BUTTONS, BUCKLES, KNITTING NEEDLES, AND CROCHET HOOKS OF PLASTIC MATERIAL. TILTON & COOK CO., Leominster, Mass.
Filed December 20, 1937. Serial No. 401,082. PUBLISHED JUNE 21, 1938. Class 40.

359,981. MAGAZINES. THE MCCORMICK-ARMSTRONG PRESS COMPANY, Wichita, Kans.
Filed December 21, 1937. Serial No. 401,116. PUBLISHED JUNE 28, 1938. Class 38.

359,982. HOSIERY. GOLDEN ART HOSIERY COMPANY, Nashville, Tenn.
Filed December 23, 1937. Serial No. 401,184. PUBLISHED JUNE 14, 1938. Class 39.

359,983. COATS, CAPES, AND SPORT JACKETS MADE OF OILED SILK. FABRIC PRODUCTS MANUFACTURING CO., Chicago, Ill.
Filed December 27, 1937. Serial No. 401,265. PUBLISHED JUNE 7, 1938. Class 39.

359,984. PERIODICAL ADVERTISING PUBLICATION. CAMDEN FURNITURE COMPANY, Camden, Ark.
Filed December 30, 1937. Serial No. 401,369. PUBLISHED JUNE 28, 1938. Class 38.

359,985. TIRES CONSTRUCTED OF RUBBER AND FABRIC COMPOSITION. THE DAYTON RUBBER MANUFACTURING COMPANY, Dayton, Ohio.
Filed December 31, 1937. Serial No. 401,427. PUBLISHED JUNE 28, 1938. Class 35.

359,986. MAGNETS. WRIGHT-DE COSTER, INC., St. Paul, Minn.
Filed December 31, 1937. Serial No. 401,463. PUBLISHED JUNE 28, 1938. Class 21.

359,987. STRUCTURAL GLASS-FUSED METAL BUILDING UNITS. SAMUEL GESSLER, doing business as Chicago Sales & Building Supply Co., Chicago, Ill.
Filed January 3, 1938. Serial No. 401,479. PUBLISHED JUNE 28, 1938. Class 12.

359,988. DISH WASHING COMPOUNDS AND DISH WASHING POWDERS. MAR-VIN DISPENSER AND PRODUCTS CO., New York, N. Y.
Filed January 4, 1938. Serial No. 401,533. PUBLISHED JUNE 28, 1938. Class 4.

359,989. HOSIERY. DAVENPORT HOSIERY MILLS, INC., Chattanooga, Tenn.
Filed January 5, 1938. Serial No. 401,556. PUBLISHED MAY 31, 1938. Class 39.

359,990. HOSIERY. CANNON MILLS COMPANY, Kannapolis, N. C.
Filed January 10, 1938. Serial No. 401,725. PUBLISHED JUNE 21, 1938. Class 39.

359,991. PROPHYLACTIC RUBBER ARTICLES FOR THE PREVENTION OF CONTAGIOUS DISEASES. BROADWAY DRUG PRODUCTS CO., New York, N. Y.
Filed January 11, 1938. Serial No. 401,763. PUBLISHED JUNE 28, 1938. Class 44.

359,992. CANNED FOODS—NAMELY, CANNED FRUIT JUICES FOR FOOD PURPOSES. ST. CLAIR FOODS COMPANY, McAllen, Tex.
Filed January 11, 1938. Serial No. 401,795. PUBLISHED JUNE 28, 1938. Class 46.

359,993. ELECTRICAL LIE DETECTOR AND ACCESSORIES INCLUDING VARIABLE RESISTANCE BOXES, VARIABLE SHUNTS, ALSO SOUND RECORDING MACHINES FOR RECORDING ON LIGHT SENSITIZED FILM, AND DEVICES FOR RECORDING ELECTRICAL CHANGES ON A GRAPH. JACQUES L. BRIL, New York, N. Y.
Filed January 12, 1938. Serial No. 401,808. PUBLISHED JUNE 28, 1938. Class 26.

359,994. LADIES' AND GIRLS' DRESSES. GOLDWATERS MERCANTILE CO., Phoenix, Ariz.
Filed January 18, 1938. Serial No. 402,062. PUBLISHED JUNE 7, 1938. Class 39.

359,995. LADIES' AND MISSES' DRESSES, LADIES' AND MISSES' SKIRTS, LADIES' AND MISSES' BLOUSES, LADIES' AND MISSES' JACKETS, ETC. DONCASTER COLLAR AND SHIRT COMPANY, INC., Rutherfordton, N. C.
Filed January 19, 1938. Serial No. 402,087. PUBLISHED JUNE 14, 1938. Class 39.

359,996. FUR SKINS DRESSED AND DYED. HERMAN BASCH & CO. INC., North Bergen, N. J.
Filed January 20, 1938. Serial No. 402,112. PUBLISHED JUNE 21, 1938. Class 1.

359,997. SYNTHETIC COMPOUND FOR USE AS A FILLER BETWEEN STONE, WOOD, METAL, AND THE LIKE. EVER-PLASTICS CORPORATION, New York, N. Y.
Filed January 20, 1938. Serial No. 402,119. PUBLISHED JUNE 28, 1938. Class 12.

359,998. HINGES, HASPS AND STAPLES USED WITH HASPS, SASH AND CLOTHES LINE PULLEYS, TABLE AND CHAIR BRACES, ETC. THE STANLEY WORKS, New Britain, Conn.
Filed January 20, 1938. Serial No. 402,144. PUBLISHED MAY 31, 1938. Class 13.

359,999. CUT FABRIC TAPE—NAMELY, BINDING TAPE FOR BINDING ARTICLES SUCH AS BLANKETS, GARMENTS, ETC. THURSTON CUTTING CORPORATION, New York, N. Y.
Filed January 21, 1938. Serial No. 402,209. PUBLISHED JUNE 14, 1938. Class 40.

360,000. THREAD. MAX POLLACK & COMPANY, INC., New York, N. Y.
Filed January 25, 1938. Serial No. 402,314. PUBLISHED JUNE 28, 1938. Class 43.

360,001. LIME. GLENCOE LIME & CEMENT CO., St. Louis, Mo.
Filed January 27, 1938. Serial No. 402,371. PUBLISHED JUNE 28, 1938. Class 12.

360,002. HAND KNITTING NEEDLES AND HAND SEWING NEEDLES. LILY MILLS COMPANY, Shelby, N. C.
Filed January 29, 1938. Serial No. 402,480. PUBLISHED JUNE 21, 1938. Class 40.

360,003. CANNED ORANGE JUICE, LEMON JUICE, LIME JUICE, AND GRAPEFRUIT JUICE FOR FOOD PURPOSES, ORANGE JELLY, ETC. CALIFORNIA CITRUS JUICE EXCHANGE, INCORPORATED, Santa Ana, Calif.
Filed February 1, 1938. Serial No. 402,552. PUBLISHED JUNE 28, 1938. Class 46.

360,004. READY MIXED PAINTS AND PAINT ENAMELS. HUMBLE OIL & REFINING COMPANY, Houston, Tex.
Filed February 1, 1938. Serial No. 402,565. PUBLISHED JUNE 28, 1938. Class 16.

360,005. JEWELRY FOR PERSONAL WEAR OR ADORNMENT, NOT INCLUDING WATCHES. OLGA TRITT, New York, N. Y.
Filed February 5, 1938. Serial No. 402,747. PUBLISHED JUNE 28, 1938. Class 28.

360,006. DECALCOMANIAS. THE MEYERCORD COMPANY, Chicago, Ill.
Filed February 7, 1938. Serial No. 402,782. PUBLISHED JUNE 28, 1938. Class 38.

360,007. CHEWING TOBACCO AND SMOKING TOBACCO. THE MID-WEST TOBACCO CO., Cincinnati, Ohio.
Filed February 7, 1938. Serial No. 402,783. PUBLISHED JUNE 14, 1938. Class 17.

360,008. BLUING LIQUID FOR LAY OUT WORK ON STEEL. JOHN ACQUISTO, Jamaica, N. Y.
Filed February 9, 1938. Serial No. 402,839. PUBLISHED JUNE 28, 1938. Class 11.

360,009. CANDIES. THE DON CONFECTIONERY COMPANY LIMITED, Sheffield, England.
Filed February 10, 1938. Serial No. 402,904. PUBLISHED JUNE 28, 1938. Class 46.

360,010. LUBRICATING OIL. AUTO-LEC STORES, INC., New Orleans, La.
Filed February 11, 1938. Serial No. 402,927. PUBLISHED JUNE 28, 1938. Class 15.

360,011. CHILDREN'S VELOCIPEDES. EDWARD J. HUGHES, doing business as Tribike Company, Mineola, N. Y.
Filed February 12, 1938. Serial No. 402,976. PUBLISHED JUNE 28, 1938. Class 22.

360,012. SERIES OF CARTOONS. FRANCES ROYSTER WILLIAMS, doing business as Mrs. Winthrop Williams, Kansas City, Mo.
Filed February 14, 1938. Serial No. 403,026. PUBLISHED JUNE 28, 1938. Class 38.

360,013. OPTICAL VIEWING DEVICE FOR USE IN VIEWING PERSON OR OBJECT ON OPPOSITE SIDE OF DOOR, WALL, OR OTHER BARRIER FROM THE OBSERVER. DAVID F. KNOBLOCK, New York, N. Y.
Filed February 16, 1938. Serial No. 403,085. PUBLISHED JUNE 28, 1938. Class 26.

360,014. INDEX OR FILING CARDS. WILLIAM I. TAYLOR, Philadelphia, Pa.
Filed February 16, 1938. Serial No. 403,101. PUBLISHED JUNE 14, 1938. Class 37.

360,015. COAL. BELL & ZOLLER COAL COMPANY, Chicago, Ill.
Filed February 17, 1938. Serial No. 403,115. PUBLISHED MAY 31, 1938. Class 1.

360,016. JACKETS, PLAYSUITS, SHIRTS, SHORTS, SUNSUITS, SWIMMING SUITS, AND UNDERWEAR FOR WOMEN AND CHILDREN. HOLEPROOF HOSIERY CO., Milwaukee, Wis.
Filed February 17, 1938. Serial No. 403,130. PUBLISHED JUNE 21, 1938. Class 39.

360,017. GROSGRAIN RIBBON MADE FROM SILK WARP, WITH COTTON FILLING, GROSGRAIN RIBBON MADE FROM RAYON WARP, WITH COTTON FILLING, ETC. TREMONT MILLS CORPORATION, New York, N. Y.
Filed February 17, 1938. Serial No. 403,151. PUBLISHED JUNE 28, 1938. Class 42.

360,018. MAGAZINE PUBLISHED AT MONTHLY INTERVALS. THE DECORATORS DIGEST, INC., New York, N. Y.
Filed February 18, 1938. Serial No. 403,169. PUBLISHED JUNE 28, 1938. Class 38.

360,019. PERIODICAL. FLYING STORIES, INC., New York, N. Y.
Filed February 21, 1938. Serial No. 403,250. PUBLISHED JUNE 28, 1938. Class 38.

360,020. PREPARED DOG FOOD. JOSEPH S. WITKOWSKI, doing business as Witt Packing Co., Chicago, Ill.
Filed February 23, 1938. Serial No. 403,345. PUBLISHED JUNE 28, 1938. Class 46.

360,021. WATCHES AND CLOCKS. THE LONGINES-WITTNAUER CO. INC., New York, N. Y.
Filed February 25, 1938. Serial No. 403,415. PUBLISHED JUNE 21, 1938. Class 27.

360,022. GARTERS, SUSPENDERS, ARM BANDS, AND BELTS FOR PERSONAL WEAR. A. STEIN & COMPANY, Chicago, Ill.
Filed February 25, 1938. Serial No. 403,429. PUBLISHED MAY 17, 1938. Class 39.

360,023. FILING POCKETS, EXPANDING WALLETS, FILE HOLDERS, INDEX GUIDES, FILING ENVELOPES, MAILING ENVELOPES, ETC. THE SMEAD MANUFACTURING COMPANY, Hastings, Minn.
Filed February 26, 1938. Serial No. 403,473. PUBLISHED JUNE 28, 1938. Class 37.

360,024. LEATHER AND FABRIC COATS AND JACKETS, AND COATS AND JACKETS OF LEATHER AND FABRIC COMBINATIONS, FOR MEN, WOMEN, AND CHILDREN. UNITED SHEEPLINED CLOTHING CO., Long Branch, N. J.
Filed February 26, 1938. Serial No. 403,482. PUBLISHED JUNE 14, 1938. Class 39.

360,025. STATUETTE AND ORNAMENTAL FIGURES. SAM W. CLUTTON, Great Falls, Mont.
Filed March 1, 1938. Serial No. 403,539. PUBLISHED JUNE 21, 1938. Class 50.

360,026. PRESERVED CHERRIES. ALEXANDER DIANA, doing business as Diana Fruit Preserving Co., Santa Clara, Calif.
Filed March 1, 1938. Serial No. 403,542. PUBLISHED JUNE 28, 1938. Class 46.

360,027. SMOKING TOBACCO. JOHN MIDDLETON INC., Philadelphia, Pa.
Filed March 2, 1938. Serial No. 403,602. PUBLISHED JUNE 21, 1938. Class 17.

360,028. LADIES', MISSES', AND CHILDREN'S UNDERGARMENTS—NAMELY, BLOOMERS, PANTIES, SILK VESTS, CORSET COVERS, SLIPS, SKIRTS, NIGHT DRESS, PAJAMAS, ETC. UNDERGARMENT MANUFACTURING COMPANY, Fort Wayne, Ind.
Filed March 2, 1938. Serial No. 403,619. PUBLISHED MAY 31, 1938. Class 39.

360,029. PHOTOGRAPH CAMERAS AND CAMERA ATTACHMENTS. THE KALART COMPANY, New York, N. Y.
Filed March 1, 1938. Serial No. 403,624. PUBLISHED JUNE 28, 1938. Class 26.

360,030. PLAYING CARDS. THE UNITED STATES PLAYING CARD COMPANY, East Norwood, Cincinnati, Ohio.
Filed March 5, 1938. Serial No. 403,743. PUBLISHED JUNE 28, 1938. Class 22.

360,031. ATHLETIC EQUIPMENT—NAMELY, ARM AND LEG EXERCISING DEVICES, BARS, RINGS, AND ARM AND LEG DEVELOPERS. WILLIAM G. GRANT, doing business as Willco Mfg. Company, Tulsa, Okla.
Filed March 9, 1938. Serial No. 403,867. PUBLISHED JUNE 28, 1938. Class 22.

360,032. RAINCOATS. LEON A. AXEL, New York, N. Y.
Filed March 10, 1938. Serial No. 403,899. PUBLISHED JUNE 7, 1938. Class 39.

360,033. ANNUAL TRADE PUBLICATION. SHOWMEN'S TRADE REVIEW, INC., New York, N. Y.
Filed March 10, 1938. Serial No. 403,925. PUBLISHED JUNE 28, 1938. Class 38.

360,034. SCOTCH WHISKY. TRAIN & MCINTYRE, LIMITED, Glasgow, Scotland.
Filed March 10, 1938. Serial No. 403,927. PUBLISHED JUNE 28, 1938. Class 49.

360,035. SILK AND RAYON THREAD. BELDING HEMINWAY COMPANY, New York, N. Y.
Filed March 11, 1938. Serial No. 403,933. PUBLISHED MAY 31, 1938. Class 43.

360,036. NEEDLEWORK PACKETS; CONSISTING OF CUT, PATTERNED FABRIC AND FELT APPLIQUE MOTIFS AND DESIGNS FOR SECURING TO ANY FOUNDATION MATERIAL, TOGETHER WITH INSTRUCTIONS AS TO THE USE OF THE SAME. ETABLISSEMENTS RENÉ PONTY SOCIÉTÉ EN NOM COLLECTIF, Brussels, Belgium.
Filed March 11, 1938. Serial No. 403,941. PUBLISHED JUNE 14, 1938. Class 40.

360,037. LADIES' AND MISSES' FROCKS, DRESSES, AND SMOCKS. JOS. S. COHEN & SONS CO., INC., New York, N. Y.
Filed March 12, 1938. Serial No. 403,989. PUBLISHED MAY 31, 1938. Class 39.

360,038. LADIES' COATS. TURNER, TAUB & MANDEL, San Francisco, Calif.
Filed March 14, 1938. Serial No. 404,066. PUBLISHED MAY 31, 1938. Class 39.

360,039. WOMEN'S, MISSES', AND CHILDREN'S JACKETS. U. S. KNITWEAR CORP., New York, N. Y.
Filed March 15, 1938. Serial No. 404,091. PUBLISHED MAY 31, 1938. Class 39.

360,040. WHISKEY. TOM WALKER, INC., Pittsburgh and Glenfield, Pa.
Filed March 16, 1938. Serial No. 404,142. PUBLISHED JUNE 28, 1938. Class 49.

360,041. ASPHALT INTERLINED CEMENT BURIAL VAULTS. WILBERT W. HAASE CO., INC., Forest Park, Ill.
Filed March 16, 1938. Serial No. 404,153. PUBLISHED JUNE 21, 1938. Class 2.

360,042. MONTHLY MAGAZINE. DEUTSCHER KRIEGERBUND NEW YORK VON 1884, INC., New York, N. Y.
Filed March 17, 1938. Serial No. 404,166. PUBLISHED JUNE 28, 1938. Class 38.

360,043. ABRASIVE TOOLS, ABRASIVE WHEELS, AND ABRASIVE DISKS. GARDNER MACHINE COMPANY, South Beloit, Ill.
Filed March 18, 1938. Serial No. 404,209. PUBLISHED JUNE 28, 1938. Class 4.

360,044. ROUTING MACHINES, BENDING MACHINES, AND GLUING MACHINES FOR MAKING ROUND CORNER FURNITURE. ONSRUD MACHINE WORKS, INC., Chicago, Ill.
Filed March 19, 1938. Serial No. 404,261. PUBLISHED JUNE 28, 1938. Class 23.

360,045. MAGAZINE ISSUED PERIODICALLY. UNITED FEATURE SYNDICATE, INC., New York, N. Y.
Filed March 19, 1938. Serial No. 404,275. PUBLISHED JUNE 28, 1938. Class 38.

360,046. WOMEN'S TOPCOATS. ALFRED DECKER & COHN, INC., Chicago, Ill.
Filed March 21, 1938. Serial No. 404,295. PUBLISHED JUNE 7, 1938. Class 39.

360,047. MISSES' AND WOMEN'S DRESSES. SAMUEL J. GOLDFARB, New York, N. Y.
Filed March 21, 1938. Serial No. 404,308. PUBLISHED JUNE 14, 1938. Class 39.

360,048. MEN'S PAJAMAS. H. B. GLOVER CO., Dubuque, Iowa.
Filed March 22, 1938. Serial No. 404,361. PUBLISHED MAY 31, 1938. Class 39.

360,049. CHEWING GUM. GUM INCORPORATED, Philadelphia, Pa.
Filed March 22, 1938. Serial No. 404,362. PUBLISHED JUNE 28, 1938. Class 46.

360,050. WOMEN'S AND MISSES' BATHING SUITS, BATHING CAPES, SLACKS, ROBES, DRESSES, COATS, CAPES, CULOTTES, SKIRTS, SWEATERS, AND SCARFS. LOOMTOGS, INC., New York, N. Y.
Filed March 22, 1938. Serial No. 404,368. PUBLISHED JUNE 7, 1938. Class 39.

360,051. WINES. QUALITY BRANDS, INC., San Francisco, Calif.
Filed March 22, 1938. Serial No. 404,374. PUBLISHED JUNE 28, 1938. Class 47.

360,052. WOMEN'S AND MISSES' BLOUSES. SAKS & COMPANY, New York, N. Y.
Filed March 22, 1938. Serial No. 404,378. PUBLISHED JUNE 14, 1938. Class 39.

360,053. ELASTIC YARN SOLD BY THE SKEIN OR SPOOL. DARLINGTON FABRICS CORPORATION, New York, N. Y.
Filed March 24, 1938. Serial No. 404,430. PUBLISHED MAY 31, 1938. Class 43.

360,054. GOODS HAVING A FABRIC BASE SUCH AS CLOTH, OR A FIBROUS BASE SUCH AS PAPER, TREATED OR COATED WITH A MATERIAL SUCH AS PYROXYLIN OR RUBBER, AND GENERALLY FOR ARTIFICIAL LEATHER. THE RELIABLE TEXTILE COMPANY, Chicago, Ill.
Filed March 24, 1938. Serial No. 404,450. PUBLISHED JUNE 14, 1938. Class 50.

360,055. GUNSIGHT BLACKENING CANDLES, BULLET LUBRICANTS, COLLOIDAL GRAPHITED OIL. JAMES E. MOON, New York, N. Y.
Filed March 24, 1938. Serial No. 404,446. PUBLISHED JUNE 28, 1938. Class 15.

360,056. PLANOGRAPHIC PLATES. ADDRESSOGRAPH-MULTIGRAPH CORPORATION, Euclid Village, Cleveland, Ohio.
Filed March 25, 1938. Serial No. 404,461. PUBLISHED JUNE 14, 1938. Class 50.

360,057. BIRD FOODS FOR CANARIES AND THE LIKE. VERNON J. BILLIMACK, doing business as Inca Products, St. Louis, Mo.
Filed March 25, 1938. Serial No. 404,463. PUBLISHED JUNE 28, 1938. Class 46.

360,058. FASHION PERIODICALS. SIMPLICITY PATTERN COMPANY, New York, N. Y.
Filed March 25, 1938. Serial No. 404,496. PUBLISHED JUNE 28, 1938. Class 38.

360,059. PHOTOGRAPHS. POLYFOTO CORPORATION, Bridgeport, Conn.
Filed March 24, 1938. Serial No. 404,504. PUBLISHED JUNE 28, 1938. Class 38.

360,060. METALLIC WELDING ELECTRODES. THE LINCOLN ELECTRIC COMPANY, Cleveland, Ohio.
Filed March 28, 1938. Serial No. 404,505. PUBLISHED JUNE 28, 1938. Class 14.

360,061. ELECTRIC INCANDESCENT LAMP BULBS. HERZOG MINIATURE LAMP WORKS, INC., Long Island City, N. Y.
Filed March 26, 1938. Serial No. 404,524. PUBLISHED JUNE 28, 1938. Class 21.

360,062. RAINCOATS. PECK & PECK, New York, N. Y.
Filed March 26, 1938. Serial No. 404,538. PUBLISHED JUNE 7, 1938. Class 39.

360,063. CHAINS AND OTHER JEWELRY OF PRECIOUS METALS FOR PERSONAL WEAR, NOT INCLUDING WATCHES. ROSENFELD CHAIN MFG. CO., New York, N. Y.
Filed March 26, 1938. Serial No. 404,546. PUBLISHED JUNE 28, 1938. Class 28.

360,064. FUR PELTS. WAGNER-FELLER & CO., New York, N. Y.
Filed March 26, 1938. Serial No. 404,553. PUBLISHED JUNE 28, 1938. Class 1.

360,065. SWEATERS AND KNITTED SPORTSWEAR—NAMELY, WOMEN'S AND CHILDREN'S DRESSES, SKIRTS, AND BLOUSES, AND WOMEN'S, CHILDREN'S, AND MEN'S SCARFS, GLOVES, AND CAPS. BEDFORD KNITTING MILLS, New York, N. Y.
Filed March 28, 1938. Serial No. 404,561. PUBLISHED JUNE 21, 1938. Class 39.

360,066. MEN'S AND WOMEN'S BATHING SUITS. JUSTO RUFINO MACHADO, New York, N. Y.
Filed March 28, 1938. Serial No. 404,570. PUBLISHED JUNE 14, 1938. Class 39.

360,067. MINE LOCOMOTIVES. JOSEPH P. RUTH, Denver, Colo.
Filed March 28, 1938. Serial No. 404,584. PUBLISHED JUNE 28, 1938. Class 23.

360,068. HOSIERY. INTERWOVEN STOCKING COMPANY, New Brunswick, N. J.
Filed March 29, 1938. Serial No. 404,609. PUBLISHED MAY 31, 1938. Class 39.

360,069. HOSIERY. INTERWOVEN STOCKING COMPANY, New Brunswick, N. J.
Filed March 29, 1938. Serial No. 404,610. PUBLISHED MAY 31, 1938. Class 39.

360,070. CANNED PRUNES. BALFOUR, GUTHRIE & CO., LIMITED, San Francisco, Calif.
Filed March 30, 1938. Serial No. 404,627. PUBLISHED JUNE 28, 1938. Class 46.

360,071. FRESH CITRUS FRUIT. WARD DANIELS, Fillmore, Calif.
Filed March 30, 1938. Serial No. 404,633. PUBLISHED JUNE 28, 1938. Class 46.

360,072. BREWERS' TANK CLEANING PREPARATION—NAMELY, A PREPARED PASTE UTILIZING CHINA CLAY APPLIED TO THE INSIDE SURFACE OF A FERMENTATION TANK OR VAT, AND REMAINING ON DURING FERMENTATION AND BEING CLEANED OFF AFTER THE FERMENTED CONTENTS HAS BEEN REMOVED FROM THE TANK. A. GUSMER, INC., Hoboken, N. J.
Filed March 30, 1938. Serial No. 404,647. PUBLISHED JUNE 28, 1938. Class 4.

360,073. READY MIXED PAINTS, PASTE PAINTS, FLAT PAINTS, AND PAINT ENAMELS. GENERAL PAINT & VARNISH CO., Chicago, Ill.
Filed March 31, 1938. Serial No. 404,706. PUBLISHED JUNE 28, 1938. Class 16.

360,074. LADIES' AND MISSES' COATS AND SUITS. MAX LEVINE & CO., New York, N. Y.
Filed March 31, 1938. Serial No. 404,718. PUBLISHED JUNE 7, 1938. Class 39.

360,075. GIRLS' SPORTSWEAR—NAMELY, PLAY SUITS, SLACKS, SKIRTS, AND BLOUSES. LOBEL COMPANY, New York, N. Y.
Filed March 31, 1938. Serial No. 404,720. PUBLISHED MAY 31, 1938. Class 39.

360,076. PAPER DRINKING CUPS. BOSTON ENVELOPE CO., doing business as Boston Drinking Cup Co., Dedham, Mass.
Filed April 1, 1938. Serial No. 404,747. PUBLISHED JUNE 21, 1938. Class 2.

360,077. WATCHES, WATCH MOVEMENTS, AND WATCH CASES. ELGIN NATIONAL WATCH COMPANY, Elgin, Ill.
Filed April 1, 1938. Serial No. 404,753. PUBLISHED JUNE 14, 1938. Class 27.

360,078. CAKES, FILLED AND GARNISHED WITH BUTTER CREAM, FILLING OR ICING. KENNETH A. MCGAW, Chicago, Ill.
Filed April 1, 1938. Serial No. 404,766. PUBLISHED JUNE 28, 1938. Class 46.

360,079. FUR COATS. RICHTER & FRANKLIN, INC., New York, N. Y.
Filed April 1, 1938. Serial No. 404,776. PUBLISHED JUNE 21, 1938. Class 39.

360,080. COFFEE. THE HASEROT COMPANY, Cleveland, Ohio.
Filed April 4, 1938. Serial No. 404,789. PUBLISHED JUNE 28, 1938. Class 46.

360,081. PAPER BANDS. HARRIS-DREW COMPANY, INC., New York, N. Y.
Filed April 2, 1938. Serial No. 404,803. PUBLISHED JUNE 14, 1938. Class 37.

360,082. CAMERAS, CAMERA LENSES, AND PHOTOGRAPHIC EQUIPMENT MORE SPECIFICALLY LENSES OF ALL TYPES. INTERNATIONAL RADIO CORPORATION, Ann Arbor, Mich.
Filed April 2, 1938. Serial No. 404,807. PUBLISHED JUNE 28, 1938. Class 26.

360,083. OVERALLS AND "COVERALLS". S. BLECHMAN & SONS, INC., New York, N. Y.
Filed April 4, 1938. Serial No. 404,829. PUBLISHED JUNE 21, 1938. Class 39.

360,084. LADIES' SUITS AND COATS. A. DAVIS & SONS, INC., Jersey City, N. J., and New York, N. Y.
Filed April 4, 1938. Serial No. 404,832. PUBLISHED JUNE 14, 1938. Class 39.

360,085. VEHICLE BODIES. UTILITY TRAILER MANUFACTURING COMPANY, Los Angeles, Calif.
Filed April 4, 1938. Serial No. 404,876. PUBLISHED JUNE 28, 1938. Class 19.

360,086. MEN'S AND YOUNG MEN'S CLOTHING—NAMELY, COATS, VESTS, PANTS, SUITS, TOPCOATS, AND OVERCOATS. J. FRIEDMAN & CO., INC., New York, N. Y.
Filed April 5, 1938. Serial No. 404,892. PUBLISHED MAY 31, 1938. Class 39.

360,087. COOLING UNIT FOR AIR CONDITIONING. GENERAL EQUIPMENT CO., Los Angeles, Calif.
Filed April 5, 1938. Serial No. 404,894. PUBLISHED JUNE 28, 1938. Class 34.

360,088. COMBINATION HAIRPIN AND BARRETTE, AND ALSO A HAIR CURLER. L. F. GRAMMES & SONS, INCORPORATED, Allentown, Pa.
Filed April 5, 1938. Serial No. 404,896. PUBLISHED JUNE 14, 1938. Class 40.

360,089. MEN'S AND BOYS' OVERCOATS AND TOPCOATS. JACOB POLLACK & SONS, New York, N. Y.
Filed April 5, 1938. Serial No. 404,906. PUBLISHED JUNE 7, 1938. Class 39.

360,090. PAPER CUPS AND CONTAINERS. ROBERT SIMON, doing business as Rosico Candy Company, Chicago, Ill.
Filed April 5, 1938. Serial No. 404,911. PUBLISHED JUNE 21, 1938. Class 2.

360,091. CHINA TABLEWARE. STETSON CHINA COMPANY, INC., Chicago, Ill.
Filed April 5, 1938. Serial No. 404,921. PUBLISHED JUNE 28, 1938. Class 30.

360,092. MEN'S AND BOYS' SWEAT SHIRTS, MEN'S, BOYS', AND CHILDREN'S SWEATERS, SWEATER COATS, UNION SUITS, AND UNDERSHIRTS. THE PERRY KNITTING COMPANY, Perry, N. Y.
Filed April 5, 1938. Serial No. 404,928. PUBLISHED JUNE 14, 1938. Class 39.

360,093. LADIES' SWEATERS. JENATH KNITWEAR, INC., New York, N. Y.
Filed April 5, 1938. Serial No. 404,929. PUBLISHED JUNE 14, 1938. Class 39.

360,094. MEN'S, BOYS', AND CHILDREN'S OUTER GARMENTS, CONSISTING OF COATS, VESTS, PANTS AND TROUSERS; ALSO MEN'S OVERCOATS AND TOPCOATS; ALSO WOMEN'S OVERCOATS, TOPCOATS, AND SUITS, CONSISTING OF OUTER COAT, ENSEMBLE, VEST, AND SKIRT. COHEN, GOLDMAN & CO. INC., New York, N. Y.
Filed April 6, 1938. Serial No. 404,934. PUBLISHED MAY 31, 1938. Class 39.

360,095. OUTER SHIRTS. WM. SIMPSON, SONS & CO., INC. Philadelphia, Pa.
Filed April 6, 1938. Serial No. 404,957. PUBLISHED JUNE 14, 1938. Class 39.

360,096. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS. VIM LABORATORIES, Chicago, Ill.
Filed April 6, 1938. Serial No. 404,969. PUBLISHED JUNE 28, 1938. Class 45.

360,097. ARTIFICIAL BRISTLES PARTICULARLY INTENDED FOR TOILET BRUSHES. HUGHES-AUTOGRAF BRUSH CO. INC., New York and Troy, N. Y.
Filed April 7, 1938. Serial No. 404,991. PUBLISHED JUNE 21, 1938. Class 1.

360,098. ARTIFICIAL BRISTLES PARTICULARLY INTENDED FOR TOILET BRUSHES. HUGHES-AUTOGRAF BRUSH CO. INC., New York and Troy, N. Y.
Filed April 7, 1938. Serial No. 404,992. PUBLISHED JUNE 21, 1938. Class 1.

360,099. FLUID FLOW METERING NOZZLES. BUILDERS IRON FOUNDRY, Providence, R. I.
Filed April 8, 1938. Serial No. 405,009. PUBLISHED JUNE 28, 1938. Class 26.

360,100. MEN'S, BOYS', AND CHILDREN'S OUTER GARMENTS CONSISTING OF COATS, VESTS, PANTS, AND TROUSERS; ALSO MEN'S OVERCOATS AND TOPCOATS. COHEN, GOLDMAN & CO. INC., New York, N. Y.
Filed April 8, 1938. Serial No. 405,014. PUBLISHED JUNE 7, 1938. Class 39.

360,101. MAGAZINE PUBLISHED SEMI-ANNUALLY. HEARST MAGAZINES INC., New York, N. Y.
Filed April 8, 1938. Serial No. 405,021. PUBLISHED JUNE 28, 1938. Class 38.

360,102. ELECTRIC WIRE. THE WHEELER INSULATED WIRE CO., Bridgeport, Conn.
Filed April 8, 1938. Serial No. 405,043. PUBLISHED JUNE 28, 1938. Class 21.

360,103. COGNAC AND LIQUEURS. JPH. ETOURNAUD & CO., Cognac, France.
Filed April 9, 1938. Serial No. 405,064. PUBLISHED JUNE 28, 1938. Class 49.

360,104. AUTOMOBILE SEAT COVERS. GRAMATN TRADING CORPORATION, Mount Vernon, N. Y., now by change of name Grenadier Products, Inc.
Filed April 9, 1938. Serial No. 405,070. PUBLISHED JUNE 14, 1938. Class 19.

360,105. LADIES' FULL FASHIONED SILK HOSIERY. POHATCONG HOSIERY MILLS, INC., Washington, N. J.
Filed April 9, 1938. Serial No. 405,081. PUBLISHED JUNE 7, 1938. Class 39.

360,106. PAPER AND METAL FOIL CIGAR WRAPS. REYNOLDS METALS COMPANY, Richmond, Va.
Filed April 9, 1938. Serial No. 405,083. PUBLISHED JUNE 21, 1938. Class 37.

360,107. MEN'S, BOYS', AND CHILDREN'S OUTER GARMENTS CONSISTING OF COATS, VESTS, PANTS, AND TROUSERS; ALSO MEN'S OVERCOATS AND TOPCOATS; ALSO WOMEN'S OVERCOATS, TOPCOATS, AND SUITS, CONSISTING OF OUTER COAT, ENSEMBLE, VEST, AND SKIRT. COHEN, GOLDMAN & CO. INC., New York, N. Y.
Filed April 11, 1938. Serial No. 405,103. PUBLISHED JUNE 14, 1938. Class 39.

360,108. MEN'S, BOYS', AND CHILDREN'S OUTER GARMENTS CONSISTING OF COATS, VESTS, PANTS, AND TROUSERS; ALSO MEN'S OVERCOATS AND TOPCOATS. COHEN, GOLDMAN & CO. INC., New York, N. Y.
Filed April 11, 1938. Serial No. 405,104. PUBLISHED JUNE 7, 1938. Class 39.

360,109. MEN'S MADE-TO-MEASURE CLOTHING—NAMELY, MEN'S COATS, VESTS, TROUSERS, AND OVERCOATS, MADE TO ORDER. THE P. H. DAVIS TAILORING COMPANY, Cincinnati, Ohio.
Filed April 11, 1938. Serial No. 405,105. PUBLISHED JUNE 7, 1938. Class 39.

360,110. CUTTING OILS AND LUBRICATING OILS AND GREASES. PARAGON OIL COMPANY, INC., Brooklyn, N. Y.
Filed April 11, 1938. Serial No. 405,128. PUBLISHED JUNE 28, 1938. Class 15.

360,111. COATS, VESTS, TROUSERS, KNICKERBOCKERS, TOP COATS, AND OVERCOATS FOR MEN, YOUTHS, AND BOYS. J. SCHOENEMAN, INC., Baltimore, Md.
Filed April 11, 1938. Serial No. 405,134. PUBLISHED JUNE 7, 1938. Class 39.

360,112. PLASTIC TANK CEMENT, PLASTIC TANK BOTTOM CEMENT, INSIDE SHELL CEMENT, ETC. TANK SEAL PRODUCTS COMPANY, Tulsa, Okla.
Filed April 11, 1938. Serial No. 405,139. PUBLISHED JUNE 28, 1938. Class 12.

360,113. FRESH CITRUS FRUIT, CANNED CITRUS FRUIT JUICES, AND CITRUS FRUIT CONCENTRATES FOR FOOD PURPOSES. CENTRAL ORANGE COUNTY CITRUS EXCHANGE, Anaheim, Calif.
Filed April 12, 1938. Serial No. 405,150. PUBLISHED JUNE 28, 1938. Class 46.

360,114. BARN AND ROOF PAINT. IVOROID MIXED PAINT COMPANY, Newark, N. J.
Filed April 12, 1938. Serial No. 405,162. PUBLISHED JUNE 28, 1938. Class 16.

360,115. GRASS SEED. CHANDERLIN SEED COMPANY, New York, N. Y.
Filed April 13, 1938. Serial No. 405,193. PUBLISHED JUNE 21, 1938. Class 1.

360,116. NEEDLES FOR HAND USE. STRAUSS BROS. & CO., New York, N. Y.
Filed April 13, 1938. Serial No. 405,226. PUBLISHED JUNE 14, 1938. Class 40.

360,117. BASE METAL COOKING HOLLOWWARE. WILLIAM B. WATKINS, Evanston, Ill.
Filed April 13, 1938. Serial No. 405,231. PUBLISHED JUNE 28, 1938. Class 13.

360,118. LADIES', MISSES', AND CHILDREN'S UNDERWEAR—NAMELY, PANTIES, BLOOMERS, SLIPS, PETTICOATS. CONTINENTAL UNDERGARMENT CO., INC., Brooklyn, N. Y.
Filed April 14, 1938. Serial No. 405,240. PUBLISHED JUNE 14, 1938. Class 39.

360,119. OVERCOATS AND TOPCOATS FOR MEN AND YOUNG MEN. EAGLE CLOTHES, New York, N. Y.
Filed April 14, 1938. Serial No. 405,242. PUBLISHED JUNE 14, 1938. Class 39.

360,120. LUBRICANTS, LUBRICATING OILS, LUBRICATING GREASES, ANTICORROSIVE OILS, RUST PREVENTIVE OILS, ETC. R. M. HOLLINGSHEAD CORPORATION, Camden, N. J.
Filed April 14, 1938. Serial No. 405,251. PUBLISHED JUNE 28, 1938. Class 15.

360,121. MOTOR LUBRICATING OIL. A. PHILLIPS SERVICE, Newkirk, Okla.
Filed April 14, 1938. Serial No. 405,264. PUBLISHED JUNE 28, 1938. Class 15.

360,122. WORK SHIRTS, WORK PANTS, AND WORK JACKETS. RELIANCE MANUFACTURING COMPANY, Chicago, Ill.
Filed April 14, 1938. Serial No. 405,270. PUBLISHED JUNE 7, 1938. Class 39.

360,123. COAL. ISLAND CREEK COAL SALES COMPANY, Huntington, W. Va.
Filed April 11, 1938. Serial No. 405,281. PUBLISHED JUNE 21, 1938. Class 1.

360,124. APRONS. PLEETOOX PRODUCTS COMPANY, St. Louis, Mo.
Filed April 15, 1938. Serial No. 405,318. PUBLISHED JUNE 21, 1938. Class 39.

360,125. LADIES' AND MISSES' COTTON DRESSES. SANDORA FROCKS, INC., New York, N. Y.
Filed April 15, 1938. Serial No. 405,320. PUBLISHED JUNE 21, 1938. Class 39.

360,126. TOILET PAPER. SEMINOLE PAPER CORPORATION, Chicago, Ill.
Filed April 15, 1938. Serial No. 405,322. PUBLISHED JUNE 14, 1938. Class 37.

360,127. DUPLICATE REPLY POSTAL CARDS FOR ORDER PURPOSES. JOSHUA BROMBERG, doing business as Brom-Clark Manufacturing Co., St. Louis, Mo.
Filed April 16, 1938. Serial No. 405,339. PUBLISHED JUNE 14, 1938. Class 37.

360,128. MEN'S PAJAMAS. LUBIN-WEEKER CO., INC., New York, N. Y.
Filed April 16, 1938. Serial No. 405,362. PUBLISHED JUNE 14, 1938. Class 39.

360,129. SCOTCH WHISKEY. JOSEPH SPATOLA, SR., doing business as Spatola Importing Company, Philadelphia, Pa.
Filed April 16, 1938. Serial No. 405,372. PUBLISHED JUNE 28, 1938. Class 49.

360,130. PAPER TAPE, STICKERS, TABS, TAGS, AND SHEET MATERIALS HAVING A PRESSURE SENSITIVE ADHESIVE COATING THEREON. MENASHA PRODUCTS COMPANY, Menasha, Wis.
Filed April 18, 1938. Serial No. 405,400. PUBLISHED JUNE 14, 1938. Class 37.

360,131. LADIES' HOSIERY. BELK BROTHERS COMPANY, Charlotte, N. C.
Filed April 19, 1938. Serial No. 405,432. PUBLISHED JUNE 14, 1938. Class 39.

360,132. WRIST WATCH CLASPS AND BUCKLES. JACOBY-BENDER, INC., New York, N. Y.
Filed April 19, 1938. Serial No. 405,443. PUBLISHED JUNE 28, 1938. Class 28.

360,133. WOMEN'S, MISSES', AND GIRLS' STOCKINGS. THE MAY DEPARTMENT STORES CO., New York, N. Y.; St. Louis, Mo., doing business as Famous Barr Co., St. Louis, Mo.; M. O'Neil Co., Akron, Ohio; and The May Company, Cleveland, Ohio; Baltimore, Md.; Los Angeles, Calif.; and Denver, Colo.
Filed April 19, 1938. Serial No. 405,454. PUBLISHED JUNE 21, 1938. Class 39.

360,134. WATER TUBES FOR SWIVELS, PLUNGER PUMPS, AND PLUNGER PUMP BARRELS. OIL WELL SUPPLY COMPANY, Dallas, Tex.
Filed April 19, 1938. Serial No. 405,460. PUBLISHED JUNE 28, 1938. Class 23.

360,135. PREPARATION FOR DEGREASING AND CLEANING CEMENT FLOORS, AUTO CHASSIS, TRUCK BODIES, WIRE WHEELS, MOTORS, GREASE PITS, AND THE LIKE. JOSEPH A. TUMBLER, doing business as J. A. Tumbler Laboratories, Baltimore, Md.
Filed April 19, 1938. Serial No. 405,468. PUBLISHED JUNE 28, 1938. Class 4.

360,136. UNFINISHED AND PARTLY FINISHED LEATHER MADE FROM KID, GOAT, CALF, AND COWHIDE. ALLIED KID COMPANY, Boston, Mass.
Filed April 20, 1938. Serial No. 405,469. PUBLISHED JUNE 14, 1938. Class 1.

360,137. PREPARED MEDICATED HOG FOOD. DAN DAWSON, Harveysburg, Ohio.
Filed April 20, 1938. Serial No. 405,487. PUBLISHED JUNE 28, 1938. Class 46.

360,138. DRESS SHIELDS. I. B. KLEINERT RUBBER COMPANY, New York, N. Y.
Filed April 20, 1938. Serial No. 405,509. PUBLISHED JUNE 14, 1938. Class 40.

360,139. ARTIFICIAL FLOWERS. WENDELL J. CALEY, Philadelphia, Pa.
Filed April 21, 1938. Serial No. 405,548. PUBLISHED JUNE 21, 1938. Class 40.

360,140. SHOE LACES AND BRAIDS. INTERNATIONAL BRAID COMPANY, Providence, R. I.
Filed April 21, 1938. Serial No. 405,557. PUBLISHED JUNE 21, 1938. Class 40.

360,141. HOSIERY. INTERWOVEN STOCKING COMPANY, New Brunswick, N. J.
Filed April 21, 1938. Serial No. 405,558. PUBLISHED JUNE 21, 1938. Class 39.

360,142. OIL AND GAS WELL DRILLING, OPERATING, AND CEMENTING EQUIPMENT—NAMELY, WELL LINERS, COLLARS, ADAPTERS, PIPE, PIPE NIPPLES, ETC. SECURITY ENGINEERING CO. INC., Whittier, Calif.
Filed April 21, 1938. Serial No. 405,570. PUBLISHED JUNE 28, 1938. Class 13.

360,143. WALL PANELS FOR CONSTRUCTION PURPOSES. STANDARD WALL COVERING COMPANY, INC., Philadelphia, Pa.
Filed April 21, 1938. Serial No. 405,572. PUBLISHED JUNE 28, 1938. Class 12.

360,144. WALL PANELS FOR CONSTRUCTION PURPOSES. STANDARD WALL COVERING COMPANY, INC., Philadelphia, Pa.
Filed April 21, 1938. Serial No. 405,573. PUBLISHED JUNE 28, 1938. Class 12.

360,145. WALL PANELS FOR CONSTRUCTION PURPOSES. STANDARD WALL COVERING COMPANY, INC., Philadelphia, Pa.
Filed April 21, 1938. Serial No. 405,574. PUBLISHED JUNE 28, 1938. Class 12.

360,146. HOLDERS FOR BOTTLES, CANS, AND GLASSES, AND OTHER DRINKING RECEPTACLES. PETER J. SWOFFORD, Graham, Tex.
Filed April 21, 1938. Serial No. 405,576. PUBLISHED JUNE 14, 1938. Class 2.

360,147. SOFT DRINKS—NAMELY, GRAPE, ORANGE, LEMON, LIME-RICKEY, STRAWBERRY, PEACH, CHERRY, CREAM SODA, AND ROOT BEER. UNION BOTTLING COMPANY, Memphis, Tenn.
Filed April 21, 1938. Serial No. 405,577. PUBLISHED JUNE 28, 1938. Class 45.

360,148. FABRICS IN THE PIECE MADE WHOLLY OR PARTIALLY OF CELLULOSE DERIVATIVES. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed April 22, 1938. Serial No. 405,590. PUBLISHED JUNE 28, 1938. Class 42.

360,149. HOSIERY. INTERWOVEN STOCKING COMPANY, New Brunswick, N. J.
Filed April 23, 1938. Serial No. 405,648. PUBLISHED JUNE 21, 1938. Class 39.

360,150. ELECTRIC SWITCHES, SWITCHES FOR RADIO SETS AND SIMILAR PURPOSES. P. R. MALLORY & CO., INC., Indianapolis, Ind.
Filed April 23, 1938. Serial No. 405,654. PUBLISHED JUNE 28, 1938. Class 21.

360,151. CIGARS. H. FENDRICH, INC., Evansville, Ind.
Filed April 25, 1938. Serial No. 405,694. PUBLISHED JUNE 21, 1938. Class 17.

360,152. RAZOR BLADES. HYAL PRODUCTS CO., New York, N. Y.
Filed April 25, 1938. Serial No. 405,698. PUBLISHED JUNE 28, 1938. Class 23.

360,153. MAGAZINE PUBLISHED PERIODICALLY. WILLIAM H. KOFOED, Philadelphia, Pa.
Filed April 23, 1938. Serial No. 405,709. PUBLISHED JUNE 28, 1938. Class 38.

360,154. ELECTRIC FANS. KNAPP-MONARCH COMPANY, doing business as Chevron Co., St. Louis, Mo.
Filed April 25, 1938. Serial No. 405,710. PUBLISHED JUNE 28, 1938. Class 21.

360,155. MEN'S AND BOYS' COATS, SUITS, OVERCOATS, TOPCOATS, VESTS, TROUSERS, KNICKERBOCKERS, AND BREECHES. HART, SCHAFFNER & MARX, Chicago, Ill.
Filed April 26, 1938. Serial No. 405,723. PUBLISHED JUNE 21, 1938. Class 39.

360,156. CHEESE CLOTH IN THE PIECE AND IN CUT LENGTHS. JESSE ALBERT BACK, Lawrence, N. Y.
Filed April 27, 1938. Serial No. 405,758. PUBLISHED JUNE 28, 1938. Class 42.

360,157. APPARATUS FOR STRAINING OR FILTERING FLUIDS, AND PARTS THEREOF. THE WHIRLFLO CORPORATION, Pittsburgh, Pa.
Filed April 29, 1938. Serial No. 405,867. PUBLISHED JUNE 28, 1938. Class 31.

360,158. ORANGE SODA, ROOT BEER, GRAPE SODA, LEMON CLUB SODA, AND GINGER ALE. CORN PRODUCTS REFINING COMPANY, New York, N. Y.
Filed May 2, 1938. Serial No. 405,917. PUBLISHED JUNE 28, 1938. Class 45.

360,159. JEWELRY CLEANER. MIRIAM WEINGARTEN, doing business as Milton Weingarten Co., San Francisco, Calif.
Filed May 2, 1938. Serial No. 405,948. PUBLISHED JUNE 28, 1938. Class 4.

360,160. TOWELS. WEST POINT MANUFACTURING COMPANY, Langdale, Ala.
Filed May 2, 1938. Serial No. 405,950. PUBLISHED JUNE 28, 1938. Class 42.

360,161. THREAD AND YARN OF ARTIFICIAL ORIGIN. AMERICAN BEMBERG CORPORATION, New York, N. Y.
Filed May 3, 1938. Serial No. 405,951. PUBLISHED JUNE 28, 1938. Class 43.

360,162. WOOD PULP. CONTAINER CORPORATION OF AMERICA, Chicago, Ill.
Filed May 4, 1938. Serial No. 405,984. PUBLISHED JUNE 28, 1938. Class 1.

360,163. MIXED PAINT, PASTE PAINT, ENAMEL PAINT, VARNISH, VARNISH STAIN, WOOD FILLER, AND LACQUER. J. F. KURFEES PAINT COMPANY, INCORPORATED, Louisville, Ky.
Filed May 6, 1938. Serial No. 406,061. PUBLISHED JUNE 28, 1938. Class 16.

360,164. DOLLS AND DUMMY REPRESENTATIONS OF BEINGS. EVE BENNET, New York, N. Y.
Filed May 7, 1938. Serial No. 406,086. PUBLISHED JUNE 28, 1938. Class 22.

360,165. SPECIALLY TREATED MILK SOLIDS WITH AND WITHOUT SUGAR AND FLAVORING IN LIQUID AND POWDERED FORM. ICE CREAM PRODUCTS, INC., Chicago, Ill.
Filed May 9, 1938. Serial No. 406,135. PUBLISHED JUNE 28, 1938. Class 46.

360,166. POPPED POPCORN. ADAMS & BROOKS, Los Angeles, Calif.
Filed May 10, 1938. Serial No. 406,163. PUBLISHED JUNE 28, 1938. Class 46.

360,167. PRINTING INKS. THE INTERNATIONAL PRINTING INK CORPORATION, New York, N. Y.
Filed May 10, 1938. Serial No. 406,186. PUBLISHED JUNE 28, 1938. Class 11.

360,168. CLEANING COMPOUNDS IN LIQUID FORM FOR INDUSTRIAL AND HOUSEHOLD USE. TURCO PRODUCTS, INC., Los Angeles, Calif.
Filed May 14, 1938. Serial No. 406,357. PUBLISHED JUNE 28, 1938. Class 4.

360,169. GLASS CLEANING PREPARATIONS. TURCO PRODUCTS, INC., Los Angeles, Calif.
Filed May 14, 1938. Serial No. 406,358. PUBLISHED JUNE 28, 1938. Class 4.

360,170. NONALCOHOLIC, MALTLESS SOFT DRINKS, PARTICULARLY ORANGE BEVERAGES, AND FOR NONALCOHOLIC MALTLESS EXTRACTS AND CONCENTRATED FRUIT SYRUPS USED IN THE PREPARATION OF SAID SOFT DRINKS. NATURAL SET UP SALES CORPORATION, St. Louis, Mo.
Filed May 18, 1938. Serial No. 406,464. PUBLISHED JUNE 28, 1938. Class 45.

360,171. MATTRESSES. DAVID PARANSKY, doing business as Star Bedding Company, Pittsburgh, Pa.
Filed May 14, 1938. Serial No. 406,481. PUBLISHED JUNE 28, 1938. Class 32.

360,172. COTTON MATTRESSES, COTTON FELT MATTRESSES, HAIR MATTRESSES, LAMB'S WOOL MATTRESSES, MATTRESSES WITH INNERSPRING CENTER, CUSHIONS, STUDIO COUCHES, BOX SPRINGS, AND PILLOWS. THE INTERNATIONAL BEDDING COMPANY, Baltimore, Md.
Filed May 21, 1938. Serial No. 406,588. PUBLISHED JUNE 28, 1938. Class 32.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

360,173. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) ROYAL TYPEWRITER COMPANY, INC., New York, N. Y. Filed July 13, 1935. Serial No. 367,259.

TOUCH CONTROL

For Typewriting Machines and Parts for Typewriting Machines.
Claims use since Apr. 2, 1935.

360,174. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) HYLA F. MAYNES, North Tonawanda, N. Y., assignor to Spiral Wind Fish Reel Company, Inc., Buffalo, N. Y., a corporation of New York. Filed June 25, 1936. Serial No. 380,218.

THUMB SPACE

For Fishing Reels.
Claims use since June 3, 1936.

360,175. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) HENRY A. COURMETTES, New York, N. Y. Filed Dec. 9, 1936. Serial No. 386,532.

TRU-*TILT*
biplanar

For Ophthalmic Lenses and Blanks.
Claims use since Oct. 29, 1936.

360,176. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROCKY MOUNTAIN HONEY CO., Salt Lake City, Utah. Filed Dec. 28, 1936. Serial No. 387,209.

GROW'S SWEET CLOVER

For Honey.
Claims use since Dec. 10, 1935.

360,177. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) UTILITIES SERVICE COMPANY, Allentown, Pa. Filed Feb. 5, 1937. Serial No. 388,599.

"STAZ-RITE"

For Pole Line Hardware—Viz., Guy Guards.
Claims use since August, 1933.

360,178. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) IVERS-LEE COMPANY, Newark, N. J. Filed Mar. 12, 1937. Serial No. 389,992.

IVERS LEE

For Machinery for Handling Packaging Material and for Producing and Fabricating Packages and Wrappings, Particularly Machines for Forming Packages and Receptacles, Machines for Wrapping Articles, and Parts for Such Machines.
Claims use since November, 1919.

360,179. (CLASS 37. PAPER AND STATIONERY.) HORDER'S INCORPORATED, Chicago, Ill. Filed Apr. 30, 1937. Serial No. 392,098.

POINT-PAK

For Lead Pencils.
Claims use since Apr. 19, 1937.

360,180. (CLASS 37. PAPER AND STATIONERY.) HORDER'S INCORPORATED, Chicago, Ill. Filed May 12, 1937. Serial No. 392,640.

No Eye Strain

For Ruled Forms.
Claims use since Apr. 20, 1937.

360,181. (CLASS 2. RECEPTACLES.) CUMMER SONS CYPRESS COMPANY, Jacksonville, Fla. Filed May 17, 1937. Serial No. 392,853.

KUTPRUF-PAK

For Crates or Containers.
Claims use since May 10, 1937.

360,182. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) NESTOR JOHNSON MANUFACTURING COMPANY, Chicago, Ill. Filed Aug. 4, 1937. Serial No. 396,001.

JOHNSON

For Abrasive Ice Skate Sharpener.
Claims use since June 5, 1937.

360,183. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LOOSE-WILES BISCUIT COMPANY, Long Island City, N. Y. Filed Oct. 25, 1937. Serial No. 398,910.

KOL-TOV

For Biscuits, Crackers, Cookies, and Cakes.
Claims use since July 19, 1937.

360,184. (CLASS 15. OILS AND GREASES.) CITIES SERVICE ASPHALT COMPANY, New York, N. Y. Filed Dec. 10, 1937. Serial No. 400,684.

RED-HEAT

For Fuel Oils.
Claims use since May 15, 1935.

360,185. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) AUSTIN, NICHOLS & CO., INC., Brooklyn, N. Y. Filed Mar. 10, 1938. Serial No. 403,895.

PARKVILLE

For Distilled London Dry Gin.
Claims use since May 18, 1937.

360,186. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) TOWLE MANUFACTURING COMPANY, Newburyport, Mass. Filed May 18, 1938. Serial No. 406,473.

CASCADE

For Silver and Silver Mounted Flatware (Implements with a Handle or Finger Hold for Culinary, Feeding, Serving, or Personal Use); and Silver and Silver Mounted Hollow Ware (Vessels, Plates, Platters, Carriers, Covers and Supports for Storing, Holding, or Covering Foods, Liquids, or Commodities).
Claims use since August, 1933.

360,187. (CLASS 39. CLOTHING.) GOLDMAN FROCK CO., INC., New York, N. Y. Filed June 9, 1938. Serial No. 407,266.

Beverly Brooks

For Women's and Misses' Dresses.
Claims use since Mar. 1, 1931.

360,188. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HAWAIIAN PINEAPPLE COMPANY, LTD., Honolulu, Territory of Hawaii, and San Francisco, Calif. Filed June 13, 1938. Serial No. 407,433.



For Canned Fruits and Canned Fruit Juices for Food Purposes.
Claims use since Apr. 10, 1931.

360,189. (CLASS 45. BEVERAGES, NONALCOHOLIC.) WHITSON PRODUCTS CO., INC., Brooklyn, N. Y. Filed June 18, 1938. Serial No. 407,647.

WHITSON'S

For Nonalcoholic, Maltless, Concentrated Orange Syrup for Beverage Use.
Claims use since Apr. 12, 1937.

360,190. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) F. M. BALL & COMPANY, Oakland, Calif. Filed June 20, 1938. Serial No. 407,656.

Good'n Ripe

For Canned Fruits.
Claims use since Oct. 19, 1936.

360,191. (CLASS 38. PRINTS AND PUBLICATIONS.) THE PLATT & MUNK CO., INC., New York, N. Y. Filed June 25, 1938. Serial No. 407,917.

LINENLIKE

For Children's Picture and Story Books.
Claims use since 1922.

360,192. (CLASS 39. CLOTHING.) PHILIP SHLANSKY & BRO., INC., New York, N. Y. Filed June 30, 1938. Serial No. 408,077.

Persia Lain

For Women's and Misses' Coats and Suits.
Claims use since May 17, 1937.

TRADE-MARK REGISTRATIONS RENEWED

121,570. FLOUR MADE FROM WHEAT. Registered May 7, 1918. WARNER, MOORE & CO. Renewed May 7, 1938, to C. B. Stout, doing business as Dixie-Portland Flour Mills, Richmond, Va., assignee.

121,800. BROAD SILKS IN THE PIECE. Registered May 28, 1918. J. A. MIGEL. Renewed May 28, 1938, to Julius A. Migel, New York, N. Y., successor.

123,032. BOARD AND COUNTER GAMES. Registered October 8, 1918. ESSANAR COMPANY, INC., New York, N. Y., a corporation of New York. Renewed October 8, 1938.

123,033. BOARD AND COUNTER GAMES. Registered October 8, 1918. ESSANAR COMPANY, INC., New York, N. Y., a corporation of New York. Renewed October 8, 1938.

123,173. WIND-SHIELD CLEANERS. Registered October 15, 1918. TRI-CONTINENTAL CORPORATION. Renewed October 15, 1938, to Trico Products Corporation, Buffalo, N. Y., a corporation of New York, successor.

123,179. COLORS IN OIL, READY-MIXED PAINTS, AND WOOD-FILLER. Registered October 15, 1918. WADSWORTH, HOWLAND & CO., INCORPORATED, Boston, Mass., a corporation of Massachusetts. Renewed October 15, 1938.

123,336. MEDICINES CONSISTING OF ANTIRHEUMATIC, ANALGESIC, AND ANTIPYRETIC PREPARATIONS. Registered October 29, 1918. THE ELI LILLY AND COMPANY. Renewed October 29, 1938, to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana, by change of name.

123,355. CERTAIN NAMED CONSTRUCTION MATERIALS. Registered October 29, 1918. INTERNATIONAL INSULATION COMPANY, International Falls, Minn. Renewed October 29, 1938, to The Insulite Company, Minneapolis and International Falls, Minn., a corporation of Minnesota by change of name.

123,559. MECHANICAL SPARK-PLUG CLEANERS. Registered November 19, 1918. CHAMPION SPARK PLUG COMPANY, Toledo, Ohio, a corporation of Delaware. Renewed November 19, 1938.

123,603. CERTAIN NAMED HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES. Registered November 19, 1918. IOWA GATE CO. Renewed November 19, 1938, to Clay Equipment Corporation, Cedar Falls, Iowa, a corporation of Iowa, by change of name.

123,638. LUBRICATING OILS AND GREASES. Registered November 19, 1918. PENNSYLVANIA LUBRICATING COMPANY, Pittsburgh, Pa. Renewed November 19, 1938, to Standard Oil Company of New Jersey, Wilmington, Del., a corporation of Delaware, assignee by mesne assignments.

123,862. PAPER-FILLING MATERIAL. Registered December 10, 1918. THE SOLVAY PROCESS COMPANY, Solvay, N. Y. Renewed December 10, 1938, to The Solvay Process Company, New York, N. Y., a corporation of New York.

123,955. INSECTICIDES. Registered December 24, 1918. VALLEY DRUG & CHEMICAL CO. Renewed December 24, 1938, to Herbert R. Kind, doing business as Valley Paint & Chemical Company, Norwich, Conn., successor.

124,122. CERTAIN NAMED TOILET PREPARATIONS. Registered January 14, 1919. MELLIER COMPANY, PERFUMER, St. Louis, Mo., a corporation of Missouri. Renewed January 14, 1939.

124,202. SOAP (SOLID AND LIQUID). Registered January 21, 1919. MELLIER COMPANY, PERFUMER, St. Louis, Mo., a corporation of Missouri. Renewed January 21, 1939.

124,232. CERTAIN NAMED DENTAL, MEDICAL, AND SURGICAL APPLIANCES. Registered January 28, 1919. DAVOL RUBBER COMPANY, Providence, R. I., a corporation of Rhode Island. Renewed January 28, 1939.

124,289. CERTAIN NAMED CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS. Registered February 4, 1919. BREWER & COMPANY, INC., Worcester, Mass., a corporation of Massachusetts. Renewed February 4, 1939.

LABELS

REGISTERED SEPTEMBER 6, 1938

51,699.—*Title:* ACE POISON IVY REMEDY. For a Poison Ivy Remedy. ACE POISON IVY CO., New York, N. Y. Published December 15, 1937.

51,700.—*Title:* UNION MADE WORK CLOTHES. For Work Clothes. AMALGAMATED CLOTHING WORKERS OF AMERICA, New York, N. Y. Published July 15, 1938.

51,701.—*Title:* A AND C CUCUMBERS. For Cucumbers. ATLANTIC COUNTY FARMERS CO-OP. ASSOCIATION, Mays Landing, N. J. Published July 1, 1938.

51,702.—*Title:* BAUME BENGUÉ. For Balm for the Relief of Rheumatic Pains, Neuralgia, and Colds. JULES BENGUÉ, Paris, France. Published June 17, 1938.

51,703.—*Title:* OLD VIRGINIA HILLS. For Straight Bourbon Whiskey. ABRAM SMITH BOWMAN, doing business as A. Smith Bowman Distillery, Sunset Hills, Va. Published May 14, 1938.

51,704.—*Title:* THE BRUTE. For Shoes. M. B. CLAFF & SONS, INC., Randolph and Brockton, Mass. Published January 18, 1937.

51,705.—*Title:* UNGUENTUM MELAFORM. For a Medicinal Preparation. THE COLEMAN-SEWELL CORPORATION, Cleveland, Ohio. Published July 1, 1938.

51,706.—*Title:* UNGUENTUM MELAUSTROL. For a Medicinal Preparation. THE COLEMAN-SEWELL CORPORATION, Cleveland, Ohio. Published July 1, 1938.

51,707.—*Title:* COLONIAL EXTERIOR PRIMER. For a Non-Penetrating Type of Coating. COLONIAL WORKS, Brooklyn, N. Y. Published July 1, 1938.

51,708.—*Title:* PHILADELPHIA STRAIGHT RYE WHISKEY. For Straight Rye Whiskey. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa. Published June 9, 1938.

51,709.—*Title:* CORRY'S SLUG DEATH. For a Powder for Killing Slugs and Snails. F. D. CORRY, Victoria, British Columbia, Canada. Published June 3, 1938.

51,710.—*Title:* OLD RELIABLE. For Coffee. DAYTON SPICE MILLS COMPANY, Dayton, Ohio. Published August 6, 1937.

51,711.—*Title:* OVEN ROASTED. For Coffee. THE DAYTON SPICE MILLS COMPANY, Dayton, Ohio. Published November 2, 1937.

51,712.—*Title:* POLO CLUB. For Coffee. THE DAYTON SPICE MILLS COMPANY, Dayton, Ohio. Published November 19, 1937.

51,713.—*Title:* SOUTHMOOR. For Coffee. THE DAYTON SPICE MILLS COMPANY, Dayton, Ohio. Published November 10, 1937.

51,714.—*Title:* RECORDING REPORTER. For Records Recorded. PAUL G. DENNIS, Albany, N. Y. Published May 13, 1938.

51,715.—*Title:* DIAMOND. For Sparkling Water. DIAMOND GINGER ALE, INC., Waterbury, Conn. Published June 7, 1938.

51,716.—*Title:* DIAMOND. For Club Soda. DIAMOND GINGER ALE, INC., Waterbury, Conn. Published June 7, 1938.

51,717.—*Title:* DOMINION DRY. For Ginger Ale. DOMINION DRY CO., Burlington, Vt. Published June 12, 1938.

51,718.—*Title:* SAFE-T-LITE ECA LAMPS. For Genuine Tungsten Lamps. ELECTRIC CORPORATION OF AMERICA, Boston, Mass. Published June 15, 1938.

51,719.—*Title:* SUPERIOR BREAD. For Bread. FLEETWOOD BAKING CO., Mount Vernon, N. Y. Published July 8, 1938.

51,720.—*Title:* ONION SOUP. For Onion Soup. FRENCH KITCHEN FOODS CORPORATION, Los Angeles, Calif. Published June 22, 1938.

51,721.—*Title:* 52 GLASS CLEANER. For a Glass Cleaner. CHRIS GARLOCK, Cleveland, Ohio. Published July 21, 1938.

51,722.—*Title:* BEST CIRCLES. For Canned Orange Juice. CALIFORNIA CONSUMERS' CORPORATION, Los Angeles, Calif. Published July 11, 1938.

51,723.—*Title:* GILBERT AMERICAN FLYER TRU-MODEL TRAIN. For Model Trains. THE A. C. GILBERT COMPANY, New Haven, Conn. Published June 8, 1938.

51,724.—*Title:* BETTAR DRI-BATH. For a Liquid Preparation for Bathing Dogs and Cats. GREAT EASTERN CORPORATION, Baltimore, Md. Published April 15, 1938.

51,725.—*Title:* GOOD MEASURE. For Ale and Beer. HAMPDEN BREWING COMPANY, Willimansett, Mass. Published May 15, 1938.

51,726.—*Title:* THIAPLEX. For a Concentrate of the Vitamin-B Complex. HART DRUG CORPORATION, Miami, Fla. Published June 15, 1938.

51,727.—*Title:* THIAPLEX. For a Concentrate of the Vitamin-B Complex. HART DRUG CORPORATION, Miami, Fla. Published June 15, 1938.

51,728.—*Title:* DOLE (SLICES). For Canned Pineapple. HAWAIIAN PINEAPPLE COMPANY, LTD., Honolulu, Territory of Hawaii, and San Francisco, Calif. Published June 2, 1938.

51,729.—*Title:* DOLE (CRUSHED PINEAPPLE). For Crushed Pineapple. HAWAIIAN PINEAPPLE COMPANY, LTD., Honolulu, Territory of Hawaii, and San Francisco, Calif. Published June 2, 1938.

51,730.—*Title:* FINGER FREE GLOVES. For Gloves. THE DANIEL HAYS COMPANY, INC., Gloversville and New York, N. Y. Published August 11, 1938.

51,731.—*Title:* ANATONE. For a Medicinal Preparation for Rectal Treatment. HISTON PRODUCTS COMPANY, Chicago, Ill. Published July 21, 1938.

51,732.—*Title:* HOFFMAN BEER. For Beer. HOFFMAN BEVERAGE COMPANY, Newark, N. J. Published May 26, 1938.

51,733.—*Title:* HORLAMUS. For Pure Rye Bread for Allergic People. HYPO ALLERGIC FOODS, Miami, Fla. Published June 19, 1938.

51,734.—*Title:* PELHAM TRAILER LEVEL. For Trailer Levels. WALTER L. JONES, doing business as Pelham Safety Products, St. Louis, Mo. Published June 28, 1938.

51,735.—*Title:* KILSTAIN. For a Stain Removing Liquid. THE KILSTAIN COMPANY, St. Paul, Minn. Published May 19, 1938.

51,736.—*Title:* KLEEN KITT. For an All Purpose Cleaner. KLEEN KIT CO., Pittsburg, Tex. Published June 21, 1938.

51,737.—*Title:* CARLINE NEW FACE CREAM SOAP. For Face Cream Soap. PAULINE C. KOPMELS, New York, N. Y. Published May 19, 1938.

51,738.—*Title:* KROGER'S TWINKLE CHOCOLATE PUDDING. For a Product for Making Chocolate Flavor Pudding and Pie Filling. THE KROGER GROCERY & BAKING COMPANY, Cincinnati, Ohio. Published June 1, 1938.

51,739.—*Title:* KROGER'S TWINKLE BUTTERSCOTCH PUDDING. For a Product for Making Butterscotch Flavor Pudding and Pie Filling. THE KROGER GROCERY & BAKING COMPANY, Cincinnati, Ohio. Published June 1, 1938.

51,740.—*Title:* CO-TABS. For Effervescent Antiseptic Tablets. EMIL KULP, doing business as Co-Tabs Pharmacal Co., Chicago, Ill. Published June 5, 1938.

51,741.—*Title:* UNION CADETS. For Stogies. WILLIAM LAMPROPLOS & SONS, INC., Latrobe, Pa. Published May 17, 1938.

51,742.—*Title:* RUSKETS. For Malted Toasted Whole Wheat Biscuits. LOMA LINDA FOOD COMPANY, Loma Linda, Calif. Published May 10, 1938.

51,743.—*Title:* HOSTESS TOWELS. For Towels. MARANTZ PAPER COMPANY, Brooklyn, N. Y. Published June 3, 1938.

51,744.—*Title:* DAIRY FARM PRODUCTS ORDER PAD AND CALENDAR. For an Order Pad and Calendar. GRACE G. MARTIN, Forest Hills, Long Island, N. Y. Published May 5, 1938.

51,745.—*Title:* WHEN IS YOUR BIRTHDAY? For Birthday Candle Holders. JONAH MEHL, Cincinnati, Ohio, assignor to Emery Industries, Inc., Cincinnati, Ohio, a corporation of Ohio. Published September 27, 1937.

51,746.—*Title:* FOUR "A", ARIZONA. For Grapefruit. MESA CITRUS GROWERS, Mesa, Ariz. Published May 6, 1938.

51,747.—*Title:* EL-JAY METAL POLISH. For Metal Polish. L. J. MURPHY, doing business as El-Jay Products, Brooklyn, N. Y. Published June 28, 1938.

51,748.—*Title:* SHURFINE (CRANBERRY SAUCE). For Cranberry Sauce. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,749.—*Title:* SHURFINE (CORN). For Whole Kernel Golden Bantam Corn. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,750.—*Title:* SHURFINE (RICE). For Rice. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published March 1, 1937.

51,751.—*Title:* SHURFINE (TEA). For Orange Pekoe and Pekoe Black Tea. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published September 1, 1937.

51,752.—*Title:* SHURFINE (PRUNES). For Prunes. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published September 1, 1936.

51,753.—*Title:* ELMDALE (PINEAPPLE). For Pineapple. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published March 1, 1937.

51,754.—*Title:* ELMDALE (TOMATOES). For Tomatoes. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published March 1, 1937.

51,755.—*Title:* VIKING (PEPPER). For Black Pepper. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published September 1, 1936.

51,756.—*Title:* THE TASTE SENSATION FROM THE ORIENT. For a Non-Alcoholic Beverage Made from Fruit. MAX H. NEWMAN, doing business as Newman Products Company, New York, N. Y. Published November 15, 1937.

51,757.—*Title:* SHO' IS FINE. For Corn Syrup and Sugar Cane Products. PENICK & FORD, LTD. INCORPORATED, New York, N. Y. Published July 18, 1938.

51,758.—*Title:* TRAVEL PAK. For Motor Oil. PHILLIPS PETROLEUM COMPANY, Bartlesville, Okla. Published June 24, 1938.

51,759.—*Title:* GIANDUYA-GRISSINI. For Italian Bread Sticks. DINO PIERINI, doing business as Florence Baking Company, Chicago, Ill. Published June 21, 1938.

51,760.—*Title:* POTOMAC SEA FOOD SAUCE. For a Sea Food Sauce. CHARLES BENNETT QUADE, Arlington, Va. Published June 23, 1938.

51,761.—*Title:* KENWOOD STITCHED DRESSING ROLLS. For Surgical Dressing Rolls. WILL ROSS, INC., Milwaukee, Wis. Published July 1, 1938.

51,762.—*Title:* HAWAII NEI, LEI OF FRAGRANCE PERFUME. For Perfume. ROYAL HAWAIIAN DISTRIBUTING COMPANY, Honolulu, Territory of Hawaii. Published December 1, 1937.

51,763.—*Title:* RULEY'S HAIR TONIC AND DANDRUFF REMOVER. For Hair Tonic and Dandruff Remover. THE RULEY HAIR TONIC COMPANY, Berea, Ky. Published May 28, 1938.

51,764.—*Title:* RADIO GOLDEN SILK VINE. For a Vine. ROSARIO SCAGLIONE, Girard, Ohio. Published July 1, 1938.

51,765.—*Title:* SELMER "NO-KRACK" KIT FOR CLARINET. For a Kit Containing a Bore Oiler (Including Swab Wick and Leak-Proof Case), Bore Oil, Chamois Swab and Instruction Booklet Telling How to Prevent Water Penetration in Clarinets. H. & A. SELMER, INC., Elkhart, Ind. Published May 12, 1938.

51,766.—*Title:* 4444 ROOT BEER. For Root Beer. JACK C. SHONTS, Riverside, Calif. Published November 26, 1937.

51,767.—*Title:* SKIDOO THE HOUSEHOLD CREAMY CLEANSER. For a Cleaning Soap. THE SKIDOO COMPANY, Columbus, Ohio. Published December 1, 1937.

51,768.—*Title:* VISIBLE FINGERPRINT POWDER. For Finger-Powder. MALLEY O. SMITH, Oklahoma City, Okla. Published May 17, 1938.

51,769.—*Title:* CANADIAN BRAND CREAM ALE. For Cream Ale. GEORGE F. STEIN BREWERY, INC., Buffalo, N. Y. Published January 12, 1938.

51,770.—*Title:* TENNESSEE QUICK-FROZEN STRAWBERRIES. For Frozen Strawberries. UNIVERSITY OF TENNESSEE ENGINEERING EXPERIMENT STATION, Knoxville, Tenn. Published May 18, 1938.

51,771.—*Title:* TENNESSEE QUICK-FROZEN YOUNGBERRIES. For Frozen Youngberries. UNIVERSITY OF TENNESSEE ENGINEERING EXPERIMENT STATION, Knoxville, Tenn. Published May 24, 1938.

51,772.—*Title:* FORT SCHUYLER. For Ale. THE UTICA BREWING COMPANY, Utica, N. Y. Published December 31, 1937.

51,773.—*Title:* DR. H. M. LEWIS ANTISEPTIC VETERINARY PACK. For Antiseptic Veterinary Packs. VETERINARY LABORATORIES, INC., Clifton, N. J. Published June 1, 1938.

51,774.—*Title:* WAIN'S. For Capsules for the Relief of Attacks of Bronchial Asthma or Bronchial Coughs. WAIN'S LABORATORY, INC., Hollywood, Calif. Published June 10, 1938.

51,775.—*Title:* MAYFAIR. For Distilled London Dry Gin. WEST INDIES LIQUOR CORPORATION, New Orleans, La. Published April 27, 1937.

51,776.—*Title:* SNOW WHITE. For Distilled London Dry Gin. WEST INDIES LIQUOR CORPORATION, New Orleans, La. Published December 20, 1937.

51,777.—*Title:* WORCESTER IVORY. For Salt. WORCESTER SALT COMPANY, New York, N. Y. Published June 22, 1938.

51,778.—*Title:* DEKS-TER-I-TI. For Dentist Educational Toy Sets. ZENDICO HYGIENE PRODUCTS CO., New York, N. Y. Published June 8, 1938.

51,779.—*Title:* HOLD-ME-SAFE. For Safety Belts for Use in Motor Vehicles. MICHAEL ZSIZSERI, doing business as Hold-Me-Safe, Trenton, N. J. Published May 6, 1938.

PRINTS

REGISTERED SEPTEMBER 6, 1938

17,024.—*Title:* AMIROL. THE ULTIMATE IN BEAUTIFUL HAIR COLORING. For Hair Coloring. AMIROL ADMIRACION SALES CORPORATION, Harrison, N. J. Published February 15, 1938.

17,025.—*Title:* COLORITER. For Multicolor Pencil Sets. AUTOPOINT COMPANY, Chicago, Ill. Published December 29, 1937.

17,026.—*Title:* FORD SERVICE SALES & SERVICE. For Automobiles. SUSIE R. BARNES, Buckley, Wash. Published July 5, 1938.

17,027.—*Title:* RECALLS BAKING JOYS OF GREAT-GREAT-GRANDMOTHER. For Flour. BAUR FLOUR MILLS CO., St. Louis, Mo. Published June 13, 1938.

17,028.—*Title:* THE JOLLY FOURSOME. For Malt Beverages. BLATZ BREWING COMPANY, Milwaukee, Wis. Published March 11, 1938.

17,029.—*Title:* A TRUE ALE. For Ale. BLATZ BREWING COMPANY, Milwaukee, Wis. Published March 11, 1938.

17,030.—*Title:* BRACH'S PURE WHOLESOME CANDIES. For Candies. E. J. BRACH & SONS, Chicago, Ill. Published June 24, 1938.

17,031.—*Title:* PRICE CARDS ARE SILENT SALESMEN. For Candy. E. J. BRACH & SONS, Chicago, Ill. Published June 24, 1938.

17,032.—*Title:* RIBBONETTE. For Tying Material Made of Fine Quality Cotton Yarns. CHICAGO PRINTED STRING CO., Chicago, Ill. Published June 14, 1938.

17,033.—*Title:* A GREAT LABOR SAVING PACKAGE FOR YOUR KITCHEN! For a Prepared Mixture for Making Cookies. THE CREAM OF WHEAT CORPORATION, Minneapolis, Minn. Published July 14, 1938.

17,034.—*Title:* A BIG HIT! For a Prepared Mixture for Making Cookies. THE CREAM OF WHEAT CORPORATION, Minneapolis, Minn. Published July 7, 1938.

17,035.—*Title:* FASHION HOSIERY SHOPS CLUB CARD. For Hosiery and Lingerie. FASHION HOSIERY STORES, INC., Pittsburgh, Pa. Published February 14, 1938.

17,036.—*Title:* QUEEN ANNE BLENDED SCOTCH WHISKY. For Blended Scotch Whisky. NICHOLAS & CO., INCORPORATED, New York, N. Y. Published June 23, 1938.

17,037.—*Title:* KARL ORT YORK PENNA. For Aeroplane Supplies, Materials, and Accessories. KARL ORT, York, Pa. Published November 22, 1937.

17,038.—*Title:* PEAR-O CHALLENGER BEARING BRONZE BARS. For Bearing Bronze Bars. CARL PEARSON, doing business as Carl Pearson Brass Foundry and Machine Works, Denver, Colo. Published June 8, 1938.

17,039.—*Title:* PFEIFFER'S BEER WITH THE NEW 'FIFER-KAP'. For Beer. PFEIFFER BREWING COMPANY, Detroit, Mich. Published June 20, 1938.

17,040.—*Title:* BIGGEST SHOW FOR YOUR MONEY. For Beer. PFEIFFER BREWING COMPANY, Detroit, Mich. Published June 20, 1938.

17,041.—*Title:* NORMANDIE. For Wool Felts. BENJAMIN RICH, doing business as American Straw Goods Company, New York, N. Y. Published July 1, 1938.

17,042.—*Title:* RIDE WITH SAFETY EAT FOR HEALTH. For Bread. ROY TOY COMPANY, Worcester, Mass. Published June 27, 1938.

17,043.—*Title:* IN THE NEW YORK MANNER. For Men's Shirts. WEBER & HEILBRONER, INC., New York, N. Y. Published April 28, 1938.

17,044.—*Title:* 2 KINDS OF COOKIES TO MAKE CHILDREN'S MOUTHS WATER! For Flour. GENERAL MILLS, INC., Minneapolis, Minn. Published August 10, 1938.

REISSUES

SEPTEMBER 6, 1938

20,843
MINIATURE PACKET
Leon Adler, St. Louis, Mo.

Original No. 1,985,882, dated January 1, 1935, Serial No. 578,983, December 4, 1931. Reissue No. 20,517, dated September 28, 1937, Serial No. 34,777, August 5, 1935. This application for reissue September 28, 1937, Serial No. 166,039½

8 Claims. (Cl. 206—56)



1. A container consisting of a pair of opposed relatively difficult to tear non-fibrous cellulose sheets sealed to provide a pocket therebetween adapted to receive a predetermined quantity of material; and a sheet of paper between said pair of sheets and sealed thereto and extending to a marginal edge of the latter to facilitate tearing through said marginal edge.

20,844
DIATOMACEOUS EARTH PRODUCT AND PROCESS OF MAKING THE SAME
Robert Calvert, Scarsdale, N. Y., and Karl L. Dern, Burlingame, and Gordon A. Alles, Los Angeles, Calif., assignors, by mesne assignments, to Celite Corporation, New York, N. Y., a corporation of New York

No Drawing. Original No. 1,502,547, dated July 22, 1924, Serial No. 599,434, November 6, 1922. Application for reissue May 18, 1938, Serial No. 208,620

5 Claims. (Cl. 252—2)

1. The process for the production of an improved diatomaceous earth filter-aid characterized by its relatively high flow-rate which consists in forming an intimate powdered mixture of diatomaceous earth in finely divided form with a relatively small amount of an alkali-metal fluxing compound adapted to lower the sintering temperature of the diatomaceous earth and of the clay present, said flux being added in amount sufficient to produce a substantial increase in the flow-rate of the finely divided product under the subsequent calcining treatment, calcining the mixture in loose uncompacted condition for a time and at a temperature not in excess of about 1900° F. and insufficient to sinter the mass but sufficient to produce incipient fusion, said incipient fusion being the condition at which the particles of the powdered mixture under the action of heat begin to show a noticeable tendency to adhere to form weak lumps and a calcined product is produced exhibiting after reduction to a state of fine division a markedly increased flow rate, and reducing the calcined product to a state of fine division.

20,845
MOISTUREPROOF ARTICLE
William Hale Charch, Buffalo, N. Y., and Merlin Martin Brubaker and Frederick M. Meigs, Wilmington, Del., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Original No. 2,098,538, dated November 9, 1937, Serial No. 758,657, December 21, 1934. Application for reissue May 10, 1938, Serial No. 207,152

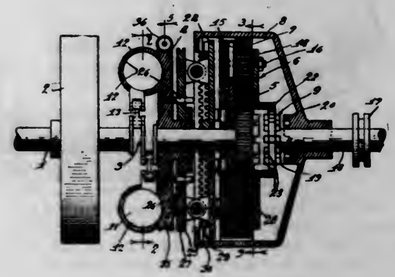
11 Claims. (Cl. 91—68)

11. An article of manufacture comprising a transparent non-fibrous base sheet or film having a continuous transparent moistureproof coating comprising a film-forming substance, a solid inherently moistureproof N-aryl substituted amide having a melting point of at least 37° C. as the moistureproofing agent, and a blending agent, said amide containing no modifying groups in the molecule and being selected from the group of inherently moistureproof N-aryl substituted amides which consists of (1) inherently moistureproof amides containing one CON group and at least 17 hydrocarbon carbon atoms for the CON group; (2) inherently moistureproof amides containing two CON groups and at least approximately 9 hydrocarbon carbon atoms for each CON group; (3) inherently moistureproof amides containing three CON groups and at least approximately 8 hydrocarbon carbon atoms for each CON group; and (4) inherently moistureproof amides containing more than three CON groups and at least 5 hydrocarbon carbon atoms for each CON group, said amide being present in an amount to impart moistureproofness to said article.

20,846
VARIABLE SPEED TRANSMISSION
Adiel Y. Dodge, South Bend, Ind.

Original No. 2,039,147, dated April 28, 1936, Serial No. 482,952, September 19, 1930, renewed June 22, 1933. Application for reissue January 12, 1938, Serial No. 184,686

26 Claims. (Cl. 74—260)



1. A variable speed transmission comprising a driving rotor, a driven rotor, mass inertia transmission between said driving rotor and driven rotor, comprising means for exerting alternating impulses on said driven rotor, and one-way reactance clutch means preventing rotation of the driven rotor in one direction but permitting it in the other, a sun gear rotatable substantially with said driving rotor, a gear carrier, planetary gearing mounted on said gear carrier and meshing with said sun gear, a driven gear meshing with said planetary gearing, driving connections between said driven rotor and driven gear and means for holding said gear carrier against rotation to effect reverse rotation of the driven gear.

20,847
MOISTUREPROOF MATERIAL AND METHOD OF MAKING THE SAME

Theron G. Finzel and Donald E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Original No. 2,108,809, dated February 22, 1938, Serial No. 732,443, June 26, 1934. Application for reissue July 13, 1938, Serial No. 218,988

19 Claims. (Cl. 91—70)

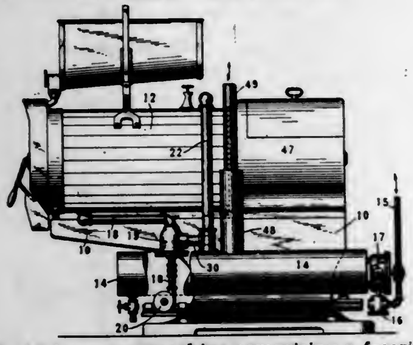
3. A method which comprises incorporating a wetting agent in a thin, porous paper, calendering said paper, impregnating the thus-treated paper with a moistureproofing composition in the molten state and comprising a moistureproofing wax, a hard wax and a blending agent preventing separation of the waxes and inhibiting the production of haziness in the composition when chilled and rapidly chilling the impregnated paper at some state of the process when the composition is still in the molten condition and before crystallization has begun, whereby a transparent, moistureproof and flexible product is obtained.

20,848
REFRIGERATION

Albert T. Light, York, Pa., assignor to York Ice Machinery Corporation, York, Pa.

Original No. 1,866,988, dated July 12, 1932. Serial No. 228,529, October 25, 1927. Application for reissue July 11, 1934, Serial No. 734,698

30 Claims. (Cl. 62—114)



1. An ice cream machine comprising a freezing cylinder, a refrigeration chamber associated with the cylinder, means for supplying liquid refrigerant to the refrigeration chamber in direct contact with the cylinder during the freezing period, and means comprising a portion of said first named means for discharging the liquid refrigerant from the refrigeration chamber to expedite the whipping operation.

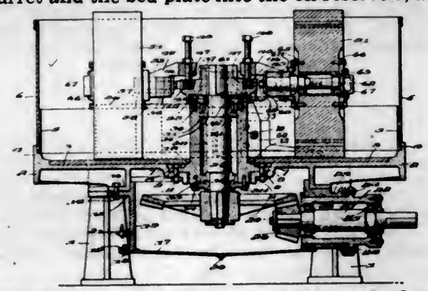
20,849
SAND MIXER

Axel G. J. Rapp, Evanston, and Alfred C. Christensen, Chicago, Ill., assignors to Herbert S. Simpson, Chicago, Ill.

Original No. 1,969,523, dated August 7, 1934, Serial No. 596,796, March 4, 1932. Application for reissue July 17, 1936, Serial No. 91,246

9 Claims. (Cl. 83—45)

8. In a muller, a muller bed plate having side walls mounted thereon, legs for supporting said bed plate, an oil-tight reservoir supported therebeneath, driving and driven shafts and gearing associated therewith and lubricated by the lubricant therein, said driven shaft having a shoulder on the upper end thereof, muller mechanism above said bed plate driven by said driving mechanism, a turret mounted over said oil reservoir and detachably connected with said bed plate, wear plates on said bed plate engaging with said detachable turret and overlapping the joint between the turret and the bed plate to prevent the leakage of sand through the joint between the turret and the bed plate into the oil reservoir, and



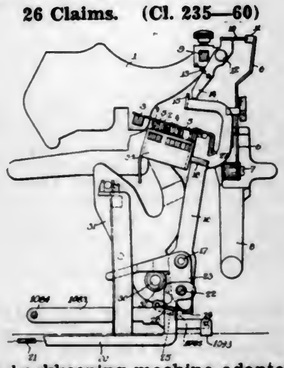
detachable closure means on either end of said turret for enclosing and supporting upper and lower bearings and for supporting a portion of the driving mechanism mounted therein, said turret extending from one bearing to another, said turret having an internal diameter of such dimension that said shaft, and supporting bearings may be removed as an entirety from either end of said turret, a removable collar mounted on the upper shoulder of the driven shaft, said collar contacting and supporting the lower portion of the upper bearing.

20,850
BOOKKEEPING MACHINE

Oscar J. Sundstrand and Walter A. Anderson, Bridgeport, Conn., assignors to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware

Original No. 2,056,747, dated October 6, 1936, Serial No. 405,359, November 7, 1929. Application for reissue November 25, 1936, Serial No. 112,810

26 Claims. (Cl. 235—60)



1. In a bookkeeping machine adapted to print in two total columns, the combination of a laterally movable paper carriage, a control plate pivoted to the carriage, control means on said plate, control devices on the machine to coact with said control means on the plate, a carriage return latch lever, a dog on the carriage for operating said latch lever to effect return of the carriage after printing in one total column, a second dog on the carriage for operating the latch lever to cause return of the carriage after printing in the second total column, means including a lever for withdrawing the first dog from operative position when there is an overdraft in the machine, and means on the last mentioned lever for holding the control plate elevated while the carriage is passing the first total column position.

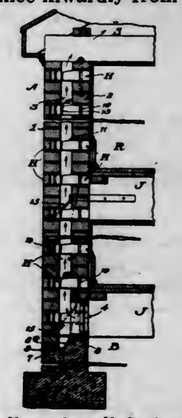
20,851
BUILDING CONSTRUCTION

Paul A. Wood, Roanoke, Va.

Original No. 2,116,859, dated May 10, 1938, Serial No. 158,804, August 12, 1937. Application for reissue May 14, 1938, Serial No. 208,061

15 Claims. (Cl. 72—102)

9. In a building construction, a waterproof wall including co-extensive outer and inner spaced apart vertical wall sections, tie elements inserted into said wall sections and spanning the space between them, said tie elements being provided with mortar interlocking grooves and also provided with drainage passages within the vertical plane of the space between the walls, said tie elements being shorter in length than the total thickness of the wall and having their outer ends disposed a distance inwardly from the outer face



of said outer wall, and wall facing elements filling the space beyond said outer ends of the tie elements.

PLANT PATENTS

GRANTED SEPTEMBER 6, 1938

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

290
PEACH TREE

Luther Burbank, deceased, late of Santa Rosa, Calif., by Elizabeth Waters Burbank, executrix, Santa Rosa, Calif., assignor to Stark Bro's Nurseries & Orchards Company, Louisiana, Mo.

Application December 15, 1937, Serial No. 180,042

1 Claim. (Cl. 47—62)

A new and distinct variety of double-flowering peach tree which produces large double blossoms of a clear pink color that do not readily fade, and edible fruit, substantially as shown and described.

291
PEACH TREE

Luther Burbank, deceased, late of Santa Rosa, Calif., by Elizabeth Waters Burbank, executrix, Santa Rosa, Calif., assignor to Stark Bro's Nurseries & Orchards Company, Louisiana, Mo.

Application December 15, 1937, Serial No. 180,043

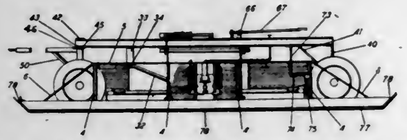
1 Claim. (Cl. 47—62)

A new and distinct variety of double-flowering peach tree characterized as to novelty by its hardiness, the large sized double rose-like flowers of deep crimson color followed by edible fruit, substantially as shown and described.

PATENTS

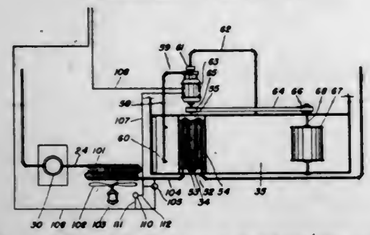
GRANTED SEPTEMBER 6, 1938

2,128,889
ROAD GRADING MACHINE
Morris F. Allen, Shreveport, La.
Application March 27, 1936, Serial No. 71,196
3 Claims. (Cl. 94—44)



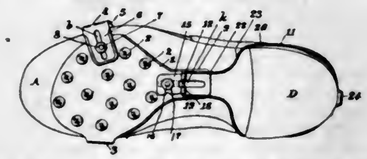
1. In an improvement of road grading machines the combination of a grading unit comprising blades fixed to a blade carriage formed of angle bars fixed to plate members, said plate members attachable to hydraulic adjusting devices mounted on slide runner members, a four wheeled vehicle positioned between said slide runner members, radius rods attaching the grading unit to the four wheeled vehicle; a hydraulic pump mechanism mounted on the four wheeled vehicle, pipes communicating between said pump and said hydraulic adjusting devices, affording means to force a liquid into the cylinders of said adjusting devices all substantially as and for the purpose set forth.

2,128,890
AIR CONDITIONING APPARATUS
Ruben H. Anderegg, La Crosse, Wis., assignor, by direct and mesne assignments, of one-half to The Trane Company, La Crosse, Wis., and one-half to Waukesha Motor Company, Waukesha, Wis.
Application December 14, 1936, Serial No. 115,780
14 Claims. (Cl. 62—6)



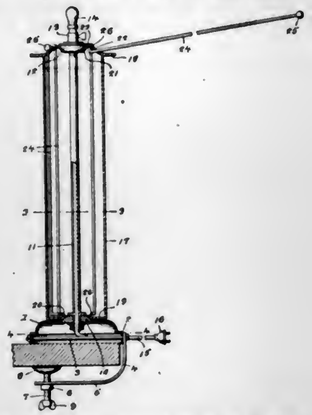
14. In combination with a wheeled vehicle having a body with a space therein, a refrigerating apparatus for conditioning the air in said space comprising a refrigerant compressor mounted beneath the bottom of the body, an evaporator arranged to cool the air in said space and having an expansion valve at the inlet side thereof, high and low pressure refrigerant lines leading from the compressor to the valve and from the evaporator to the compressor respectively, an air cooled refrigerant condenser connected to and forming a part of the high pressure line and mounted beneath the bottom of the vehicle and adjacent to the compressor, a self-contained exaporative condenser in the high pressure line and independent of the air cooled condenser, mounted beneath said bottom of the vehicle body and in spaced relation with respect to said air cooled refrigerant condenser and adapted when operative to assist the latter condenser in condensing the refrigerant, and means for controlling the operation of said evaporative condenser.

2,128,891
DETACHABLE CALK FOR BOOTS AND SHOES
Clay T. Barnes, Philadelphia, Pa.
Application December 7, 1937, Serial No. 178,535
4 Claims. (Cl. 36—7.7)



1. A clamped on detachable calk for boots and shoes, comprising a plate having a set of grippers, and shaped to approximately correspond to the sole of a boot or shoe, and having clamps adjustable relatively to each other, adapted to engage with the side edges of the shoe, a hinge, means for adjusting the position of said hinge lengthwise of said calk, and a loop of springing flexible material of a size sufficient to embrace the heel of the shoe, and of a width when the calk is disengaged from the heel, exceeding the width of the heel, and capable of elongation when the calk is clamped into position, thereby causing the sides of the loop to be drawn in and engage the sides of the heel.

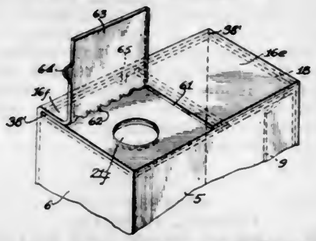
2,128,892
CLOTHES DRIER
Pearl Barry and William Wilds, Butte, Mont.
Application June 1, 1937, Serial No. 145,845
1 Claim. (Cl. 211—172)



A clothes drier comprising a base, substantially conical shaped bearing means formed centrally of the base and rising therefrom, a rod secured to and rising from the base through the conical bearing means, substantially conical bearing means mounted on the upper end of the rod, a hollow cylindrical body having disk

shaped upper and lower ends having openings therein, with substantially conical depressions about the openings providing bearing means mounted on the bearing means of the base and rod for rotation of the body about the rod, said upper disk shaped end having an annular row of slots therein and an annular row of openings inwardly of the slots, clothes receiving arms slidably mounted in the slots for disposal within the body when not in use, ball shaped knobs formed on the outer ends of the arms and engageable with the upper disk shaped member for suspending the arms therefrom and providing handles for lifting the arms from their suspended positions, and the arms having their inners ends right angle bent to provide hook means receivable in the latter openings for supporting the arms at an upward inclination exteriorly of the body when in position for use.

2,128,893
HERMETICALLY SEALED CARTON
Samuel Bergstein, Cincinnati, Ohio, assignor to Edna May Bergstein and Robert Morris Bergstein, as trustees
Application July 27, 1934, Serial No. 737,286
3 Claims. (Cl. 229—17)



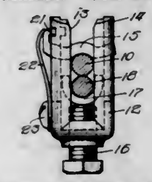
2. A paper carton having end flaps interlapping and formed to leave an emptying opening and having a main flap to seal across the aforementioned flaps and close said opening, the part of said flap covering said opening formed as an independent flap of rectangular shape having a weakened line of attachment to said main flap whereby said independent flap may be separately detached to uncover said opening.

2,128,894
METHOD OF MAKING CORK COMPOSITION AND PRODUCT PRODUCED THEREBY
Samuel C. Bond, Holly Oak, Del., assignor to Bond Manufacturing Corporation, Inc., a corporation of Delaware
No Drawing. Application December 9, 1935, Serial No. 53,671
20 Claims. (Cl. 18—48)

1. The method of making a resilient cork composition which comprises mixing comminuted cork with a partially reacted thermo-setting synthetic resin and an effective amount of a compatible cork softening agent, molding the composition so formed and completing the reaction to produce a resilient, molded cork composition body.

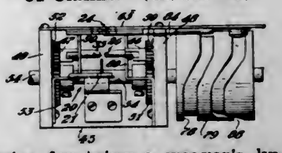
4. The method of making a resilient cork composition which comprises forming a mixture of a partially condensed phenol-aldehyde resin and a normally liquid polyhydric alcohol, the proportion of the polyhydric alcohol being within the absorbent capacity of the cork composition, that is being produced and sufficient to soften the cork particles in said composition mixing the same with comminuted cork, molding and heating the composition so formed to complete the condensation reactions and equalization of the polyhydric alcohol within the cork, thereby producing a resilient, molded cork composition body.

2,128,895
UNIT CONNECTER
William J. Buehring, Chicago, Ill., assignor to The Reliable Electric Company, a corporation of Illinois
Application April 24, 1935, Serial No. 18,028
4 Claims. (Cl. 173—263)



4. A connecter of the character described, comprising a U-shaped body having apertures in the legs thereof adapted to receive a cross bar, a cross bar, means adjustably mounted in the base of said body to press conductors between said legs against said bar, said cross bar being movably mounted on one leg of said body to move from a position where it extends into both of said apertures to a position where it extends into only one aperture and the space between said legs is open to receive conductors, and spring means pressing said cross bar into the first named position, said spring means being yieldable under pressure upon said cross bar toward the base of said body to permit the cross bar to move to the second position.

2,128,896
KNOTTER
Edward J. Abbott, Wilton, N. H., assignor to Abbott Machine Company, Wilton, N. H., a corporation of New Hampshire
Application February 12, 1936, Serial No. 63,541
Renewed November 29, 1937
31 Claims. (Cl. 289—3)

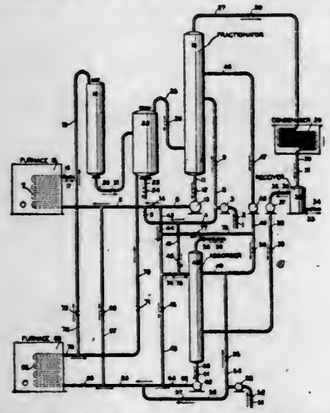


1. A device for tying a weaver's knot in two strands, comprising means for positioning the strands to be tied, and means for forming a weaver's knot in said strands comprising two rotary bills.

2,128,897
CONVERSION OF HYDROCARBON OILS
Charles H. Angell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application March 17, 1933, Serial No. 661,242
Renewed December 6, 1935
11 Claims. (Cl. 196—9)

10. A hydrocarbon oil conversion process which comprises simultaneously subjecting a relatively heavy oil and a lighter oil to cracking conditions of temperature and pressure in separate heating zones, the lighter oil being subjected to more drastic cracking conditions than the heavy oil, combining the vaporous and gaseous conversion

products of said oils and subjecting the resultant mixture to fractionation and condensation to separate gasoline from incondensible gases and fractions heavier than gasoline, fractionating said gases to separate heavier components thereof, including olefins, amenable to conversion into nor-



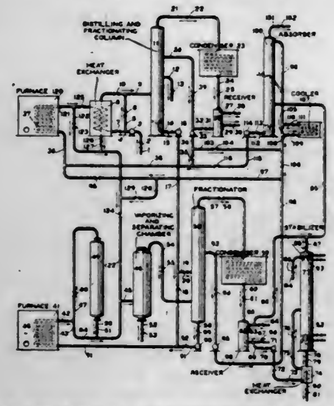
mally liquid products under cracking conditions, and combining such separated heavier components of the gases with one of said oils for subjection to the cracking conditions employed on said one oil, said heavier components being separated from the gases and combined with said one oil by scrubbing the gases with said one oil.

2,128,898

CONVERSION OF HYDROCARBON OILS

Charles H. Angell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application October 30, 1937, Serial No. 171,871
13 Claims. (Cl. 196—9)



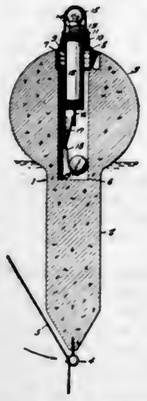
11. A process for the treatment of hydrocarbon oils which comprises fractionally distilling an oil of relatively wide boiling range and thereby separating the same into selected relatively low-boiling and high-boiling fractions, supplying selected high-boiling fractions to a heating coil and therein cracking the same at elevated temperature and superatmospheric pressure, supplying selected low-boiling fractions of the charging oil, which comprise at least a substantial quantity of poor antiknock gasoline fractions, to a separate heating coil and therein heating the same under cracking conditions of elevated temperature and superatmospheric pressure regulated to effect a material improvement in the antiknock value of said gasoline fractions, discharging resultant highly heated products from the last mentioned heating coil, cooling the same sufficiently to prevent any excessive further cracking thereof, introducing the resulting partially cooled products and products resulting from the first mentioned cracking operation into a reduced pressure separating chamber and therein separating vaporous and non-vaporous components of the commingled products, supplying the vapors from said separating chamber to a fractionator and therein condensing their components boiling above the range of the desired final gasoline product as reflux condensate, returning reflux condensate formed by said fractionation to the first mentioned heating coil for further cracking, subjecting the fractionated vapors of the desired end-boiling point to condensation, separating the resulting distillate and uncondensed gases, stabilizing the distillate to reduce its vapor pressure to the desired degree by liberating regulated quantities of dissolved normally gaseous products therefrom, supplying gases liberated from the distillate by said stabilization to an absorber, therein contacting the same with an absorber oil comprising selected low-boiling fractions of the charging oil and thereby separating desirable high-boiling components of the gases, including readily polymerizable olefins, from lower boiling components thereof, by absorption of the former, and supplying the resulting enriched absorber oil to the second mentioned heating coil.

2,128,899

FISHING BOBBER

William S. Barnhart, North Fond du Lac, Wis.

Application May 19, 1937, Serial No. 143,590
2 Claims. (Cl. 43—17)



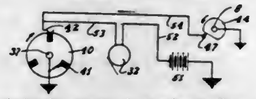
1. A fishing bobber comprising a buoyant body including an elongated shaped portion and a spherical shaped portion, means for connecting the elongated shaped portion onto a fishing line, said spherical shaped portion having a chamber, a battery supporting means located in said chamber, an electric lamp carried by said battery supporting means, a battery carried by said battery supporting means, and a gravity actuated switch controlling the circuit between said battery and the electric lamp and affected by the position assumed by the body.

2,128,900

ELECTRICAL CONTROL SYSTEM FOR VEHICLE FARE BOXES

John W. Baur, Henry Van Zuilen, and Clarence F. Rogier, Chicago, Ill., assignors to Johnson Fare Box Company, Chicago, Ill., a corporation of New York

Application January 23, 1936, Serial No. 60,368
1 Claim. (Cl. 235—45)



An electrical control system for motor driven passenger vehicle fare boxes in which deposited coins or tokens are to be evaluated and counted, comprising a driving motor, a starting switch arranged to be opened and closed by the operation of the fare box dumping lever, a source of current, a starting circuit adapted when closed by said starting switch to include said source and the driving motor for starting of the motor, a contact drum having insulating segments and adapted to be driven by said motor after starting thereof, a contact normally in engagement with one of said insulating segments, and an operating circuit including said source and said motor and said contact and completed by said drum when said drum after starting of the motor comes into engagement with said contact and to be reopened by engagement of said contact with the next segment.

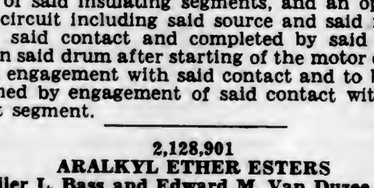
2,128,901

ARALKYL ETHER ESTERS

Shailer L. Bass and Edward M. Van Duzee, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

No Drawing. Application August 21, 1936, Serial No. 97,188
8 Claims. (Cl. 260—474)

1. An aralkyl ether of a hydroxy-substituted ethyl benzoate compound having the formula,



wherein X and X′ each represent a substituent selected from the class consisting of hydrogen and halogen, each n is an integer not greater than 2, R is an alkylene group, and Y represents a substituent selected from the group consisting of the alkyl and aryl radicals and hydrogen.

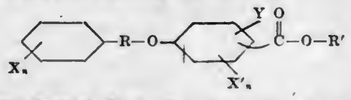
2,128,902

ARALKYL ETHERS OF HYDROXY BENZOATES

Shailer L. Bass, Midland, Mich., and Edward M. Van Duzee, deceased, late of Midland, Mich., by Clarence H. Macomber, administrator, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

No Drawing. Application August 27, 1937, Serial No. 161,285
9 Claims. (Cl. 260—474)

1. An aralkyl ether of a hydroxy-benzoic acid ester compound having the formula



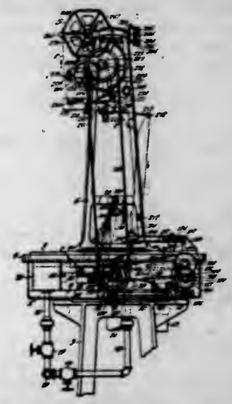
wherein X and X′ each represent a member of the class consisting of hydrogen and halogen, each n is an integer not greater than 2, R is an alkylene group, R′ is an aryl radical, and Y represents a member of the group consisting of the alkyl and aryl radicals and hydrogen.

2,128,903

SILK REELING MACHINE

Gustaf Sigfrid Beckman, Cranston, R. I., assignor to Universal Winding Company, Boston, Mass., a corporation of Massachusetts

Application December 18, 1933, Serial No. 702,984
31 Claims. (Cl. 19—3)



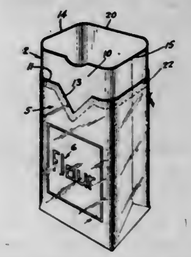
1. In a silk-reeling machine, the combination of a basin for liquid, means for reeling a thread of predetermined size from filaments delivering from cocoons floating in the basin, means contacting with opposite sides of the thread to detect a reduction in the thickness thereof, means actuated therefrom upon indication of such reduction in thickness of the thread below the predetermined size to feed a fresh cocoon into the reeling basin, and means for attaching the filament from the fresh cocoon to the other filaments feeding to the thread.

2,128,904

CONTAINER

Daniel Belcher, Minneapolis, Minn., assignor to Bemis Bro. Bag Co., Minneapolis, Minn., a corporation of Missouri

Application December 19, 1935, Serial No. 55,246
7 Claims. (Cl. 229—55)



1. A paper bag having an outer enclosing member of "Cellophane" secured thereto, the upper edge of which terminates short of the upper edge of the bag top, whereby portions of the bag top walls may be folded into direct contact with one another to facilitate sealing the bag mouth.

2,128,905
COATED ABRASIVE PRODUCT AND METHOD OF MANUFACTURING THE SAME

Raymond C. Benner and Romie L. Melton, Niagara Falls, N. Y., assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware

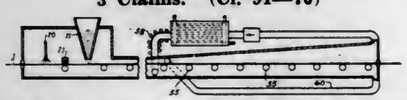
No Drawing. Application February 6, 1935, Serial No. 5,183
9 Claims. (Cl. 51—278)

1. The method of making coated abrasive products which comprises applying to a backing a base coating of liquid adhesive, adding a thin layer of abrasive grains to the adhesive coated surface, and applying a sizing coating of dry powdered adhesive material, whereby the time necessary for drying the coated abrasive product is reduced and a substantial portion of the abrasive grains thereon remain with exposed edges.

2,128,906
PRODUCTION OF FLEXIBLE ABRASIVE ARTICLES

Raymond C. Benner and Romie L. Melton, Niagara Falls, N. Y., assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware

Application December 20, 1935, Serial No. 55,341
3 Claims. (Cl. 91—70)

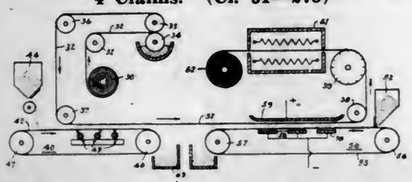


1. The method of manufacturing flexible abrasive coated webs which comprises applying a layer of liquid resinous adhesive to a rapidly moving web backing material, said adhesive being of such character that it remains fluid until treated by heat to produce setting thereof, applying a layer of abrasive particles over the adhesive surface and maintaining the coated web in a substantially horizontal position until the adhesive assumes a permanent set in such horizontal position, whereby any material longitudinal movement of the coating with respect to the web backing is prevented.

2,128,907
METHOD OF MAKING ABRASIVE COATED MATERIAL

Raymond C. Benner and Romie L. Melton, Niagara Falls, N. Y., assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware

Application October 8, 1936, Serial No. 104,736
4 Claims. (Cl. 51—278)



1. The method of fabricating abrasive coated web material which comprises applying a base coating of liquid adhesive to a surface of the web, applying a layer of abrasive particles to the adhesively coated surface, moving the abrasive coated web into an electrostatic field, moving powdered adhesive sizing material into said electrostatic field, electrostatically dispersing and projecting said powdered adhesive sizing material onto the abrasive coated web prior to curing said base coating of liquid adhesive and thereafter curing both the previously applied liquid adhesive coating and the powdered adhesive coating in one operation.

2,128,908
PREPARATION OF OXYGENATED COMPOUNDS

Joseph Elliott Bludworth, Arlington, Tex., assignor to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application September 18, 1934, Serial No. 744,528
14 Claims. (Cl. 260—451)

1. The method of producing oxygenated compounds comprising admixing a hydrocarbon that is below its decomposition temperature with a heated mixture of air and steam the amount of steam present being from 90 to 200 parts by volume per 1 part by volume of the hydrocarbon gas or vapor and the temperature of the same being sufficient to raise the temperature of the hydrocarbon substantially immediately to the reaction temperature and then suddenly cooling such mixture to below the decomposition temperature.

2,128,909
PREPARATION OF OXYGENATED COMPOUNDS

Joseph Elliott Bludworth, Arlington, Tex., assignor to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application November 19, 1935, Serial No. 50,519
16 Claims. (Cl. 260—451)

1. The method of producing oxygenated organic compounds, which comprises subjecting aliphatic hydrocarbons in the vapor phase to oxidation with free oxygen in the presence of at least 30 volumes of steam for each volume of hydrocarbon vapor and in the absence of oxidation catalysts.

2,128,910
COMBUSTION POWER LIQUID

Joseph Elliott Bludworth, Arlington, Tex., assignor to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application January 25, 1936, Serial No. 60,889
11 Claims. (Cl. 44—9)

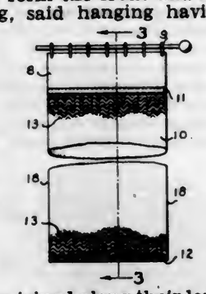
1. Process for the production of an anti-knock motor fuel, which comprises mixing with gasoline an alcohol having less than three carbon atoms of such nature that it normally tends to separate from its mixture with gasoline and a solubilizing agent comprising that fraction of the products formed by oxygenating a lower liquid saturated hydrocarbon that consists of substantially of 2 to 4 parts of propyl alcohol, 2 to 4 parts of butyl alcohol and 5 parts of a mixture of oxygenated hydrocarbons of a non-acidic nature, the amount of solubilizing agent present being sufficient to inhibit the separation of the gasoline and alcohol.

2,128,911
DECORATIVE HANGING

George F. Brooks, Lakewood, Ohio, assignor to Industrial Rayon Corporation, Cleveland, Ohio, a corporation of Delaware

Application September 5, 1935, Serial No. 39,315
2 Claims. (Cl. 156—10)

1. A decorative hanging such as a curtain, drapery or the like comprising a seamless, circularly knit, continuously formed fabric flattened to form a collapsed tube and thereby present in close relation to each other opposite side portions which form the front and back sections of the hanging, said hanging having its opposite

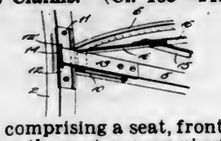


side portions joined along their longitudinal edges by fabric portions integral with the side portions, having both ends closed to assure flatness of the hanging, and having along one edge attaching means by which it may be suspended.

2,128,912
FOLDING CHAIR

Calvin A. Buffington, Berkshire, N. Y.

Application March 16, 1936, Serial No. 69,234
2 Claims. (Cl. 155—141)



2. A chair comprising a seat, front and rear legs for supporting the seat, means pivotally connecting the front legs to the seat, means pivotally connecting the seat to the rear legs, latch plates secured to the rear legs, vertical resilient plates each having one end secured to a side bar on the underside of the seat and each provided at its free end with a tongue to engage a vertical wall of an adjacent latch plate, a pair of oppositely extending arms having their remote ends downwardly bent to engage the inner sides of the resilient plates, and a lever slidably secured to the under face of the seat and pivoted to the adjacent ends of the arms.

2,128,913
COAL HANDLING

Robert E. Burk, Cleveland, Ohio, assignor to The Standard Oil Company, Cleveland, Ohio, a corporation of Ohio

No Drawing. Application February 3, 1936, Serial No. 62,135
6 Claims. (Cl. 44—1)

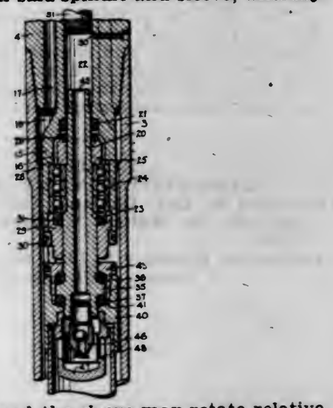
2. A process of transporting coal, which comprises changing its state to a pumpable fluid by grinding the coal and mixing the disintegrated coal with water and a small amount of an easily precipitated suspending agent, pumping a stream of such suspension to point of use, and coagulating the suspending agent to recover the coal.

2,128,914
CORE BARREL MOUNTING

William E. Burke and Madden T. Works, Houston, Tex., assignors to Cameron Iron Works, Houston, Tex., a corporation

Application February 4, 1936, Serial No. 62,266
9 Claims. (Cl. 255—72)

1. A core drill and core barrel assembly including a drill stem, a core drill thereon, a core barrel disposed in said drill and carried by said stem, a connection between said stem and core barrel said connection including a sleeve in said drill stem, a spindle in said sleeve, an anti-friction bearing between said spindle and sleeve, whereby

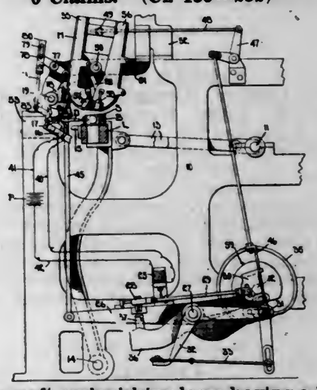


the drill stem and the sleeve may rotate relative to each other, and a shock and stress absorbing connection between said spindle and the core barrel whereby there may be slight relative lateral movement of the core barrel with respect to the drill.

2,128,915
WEFT REPLENISHING MECHANISM FOR LOOMS

Albert Cederlund, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts

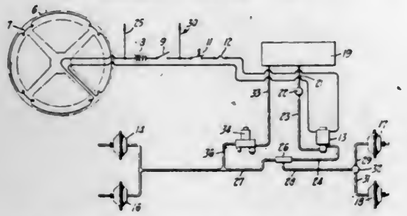
Application March 17, 1937, Serial No. 131,430
6 Claims. (Cl. 139—232)



1. In a weft replenishing loom having a lay provided with a bunter, a magazine movable to present any one of a plurality of reserve bobbins in position for transfer, a transferrer arm which in normal position is out of interfering relation with respect to the magazine but which moves into interfering relation with respect to the magazine when transferring the reserve bobbin in transfer position, a member movable at the time of transfer to move the magazine to place a reserve bobbin for transfer, a latch movable from normal position to transfer position in the path of the bunter, a shuttle feeler to assist in resetting the latch, a train of mechanism connecting the member to the shuttle feeler and latch to move the latter to transfer position and move said shuttle feeler to

shuttle feeling position when said member moves the magazine, said train of mechanism including two cooperating parts normally positioned to transmit a force from the member to said latch and feeler, and means to move said parts relatively to each other out of force transmitting relationship after the latch and feeler have been set for transfer to render said shuttle feeler capable of movement independently of said train of mechanism during the time that the member is holding the magazine in position for transfer.

2,128,916
AUTOMOTIVE CONTROL SYSTEM
Raymond E. Cox, Oakland, Calif., assignor of one-half to Walter N. Basham, Oakland, Calif.
Application February 9, 1938, Serial No. 189,697
7 Claims. (Cl. 188—110)



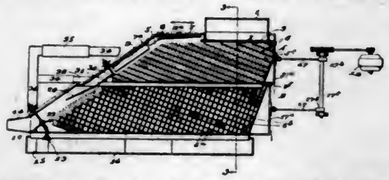
1. An automotive control system comprising, a steering wheel, an electric switch mounted at the inner periphery of said wheel and adapted to be held in open position when said wheel is grasped by the operator, an electrically controlled fluid valve connected to said switch and being closed and open in the open and closed positions respectively of said switch, and fluid pressure operated brake means connected with said valve.

2,128,917
TOOTH PASTE
Ernest C. Crocker, Belmont, Mass., assignor to Arthur D. Little Incorporated, Cambridge, Mass., a corporation of Massachusetts
No Drawing. Application April 16, 1936, Serial No. 74,787
7 Claims. (Cl. 167—93)

5. A tooth paste comprising powdered sodium bicarbonate and a substantially saturated sucrose syrup in nearly equal parts, a relatively small content of dissolved soap sufficient to create a gel structure substantially preventing oozing of the paste, and a minor content of an alkali salt of a sulfonated higher alcohol.

2,128,918
METHOD OF AND APPARATUS FOR SEPARATING COMPOSITE MATERIAL
James H. Dickerson, New Philadelphia, Ohio
Application August 27, 1935, Serial No. 38,105
27 Claims. (Cl. 209—467)

1. In a separator for separating coal from refuse, a primary inclined reciprocable separating deck for effecting a preliminary separation of heavier refuse from raw coal, a secondary inclined separating deck receiving a stream of partially cleaned coal from the primary deck and separating the remainder of the refuse therefrom, riffles on said decks arranged at an angle to the direction of reciprocation, a passageway for refuse at the upper side of said secondary deck, means for maintaining the moving refuse in said passageway free of contact with the feed stream passing from said primary deck, over said passageway, and onto the secondary deck, each of said decks being provided with a multiplicity of air jet apertures, means to supply air to said apertures, means to control the flow of air through the apertures to provide relatively high pressure air to the primary deck and relatively low pressure air to the secondary deck, means on each deck for independently collecting middlings and refuse and means to reciprocate said decks.

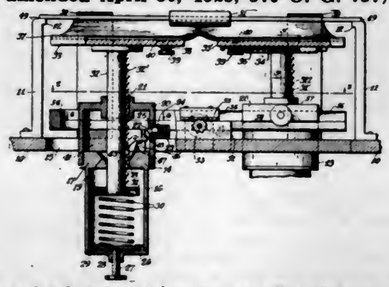


21. In a separator for separating lighter gravity material from heavier gravity material, a separating deck, means for reciprocating the deck, riffles on said deck arranged at an angle to the direction of reciprocation of the deck, said deck being provided with a multiplicity of air jet apertures, means to supply air to said apertures, and coal supporting bars supported in a position laterally thereof at an angle to the vertical above said riffles and crossing the latter in the direction of the coal flow on said deck to assist the air in supporting the lighter gravity material above the riffles, said bars being constructed and arranged to allow said heavy gravity material to drop down between the riffles.

2,128,919
TREATMENT OF FRUITS, PARTICULARLY DATES
Frank B. Doyle, Phillipsburg, N. J., assignor to Guardite Corporation, a corporation of Illinois
No Drawing. Application September 11, 1937, Serial No. 163,497
9 Claims. (Cl. 99—100)

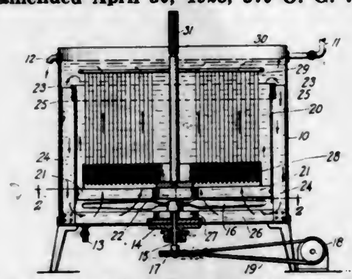
1. The method of treating an agglomerated mass of dates which comprises subjecting the unconfined agglomerated mass to a high vacuum, whereby the mass separates into individual dates.

2,128,920
BOOK SUPPORT
Rupert H. Draeger, United States Navy
Application December 2, 1935, Serial No. 52,517
4 Claims. (Cl. 45—86)
(Granted under the act of March 3, 1883, as amended April 30, 1928, 370 O. G. 757)



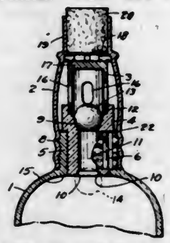
1. A book support having parallel platens, each platen having a surface adapted to support a portion of an open book, means for mounting one of said platens and means for mounting the other platen, each for independent movement at right angles to the supporting surface of said platens, a member to which each of the aforesaid means are fixed, a frame upon which said member is movably mounted, and means for moving said member with respect to said frame and at right angles to said movement of said platens thereby to move said platens and their mountings in unison.

2,128,921
PROCESSING PHOTOGRAPHIC SENSITIZED MATERIAL
Rupert H. Draeger, United States Navy
Application December 24, 1935, Serial No. 55,976
16 Claims. (Cl. 95—98)
(Granted under the act of March 3, 1883, as amended April 30, 1928, 370 O. G. 757)



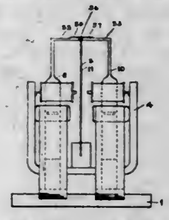
1. A photographic strip processing device comprising a tank, an open ended cylinder within said tank, a plurality of radially extending vertical blades secured at the bottom of said open ended cylinder, and means for causing a current to flow vertically between said blades.

2,128,922
NONREFILLABLE BOTTLE
Michael J. Duffy, Brooklyn, N. Y.
Application May 17, 1937, Serial No. 143,141
1 Claim. (Cl. 215—21)



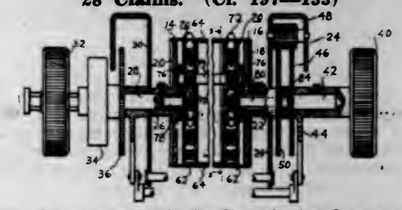
A double neck bottle of the nonrefillable type, comprising a bottle, a boss threaded on the outer surface extending from the open end of the bottle, a bushing extending through said boss with sloping valve seats in the opposite ends thereof, having a communicating passage between the said valve seats, and positioned with one of said valve seats positioned on the interior of said bottle, a valve closing member positioned on the interior of said bottle and adapted to rest upon the valve seat exposed to the interior of said bottle, said valve member having sufficient weight to prevent a fluid passing up through said valve seat with the bottle in the inverted position, a cage with openings in the sides thereof mounted in the opposite end of said bushing and enclosing the valve seat at the said opposite end, a valve member adapted to engage said valve seat freely positioned in said cage, an outer shell threaded on the said boss extending from the end of the bottle, having closure holding means in the outer end thereof, and having projections extending inward therein positioned to engage and hold the said cage in the said bushing, said threaded boss having triangular shaped recesses therein, and rollers in said recesses permitting screwing of said outer shell on said boss, and preventing unscrewing thereof.

2,128,923
RADIO SYSTEM FOR AZIMUTH INDICATION
Francis W. Dunmore, Washington, D. C., assignor to the Government of the United States represented by the Secretary of Commerce
Application May 16, 1933, Serial No. 671,371
20 Claims. (Cl. 250—11)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a radio azimuth indicator, a gyro compass with azimuth indicating means rotatable about an axis and carrying four reeds each tuned to a different frequency and symmetrically located about said axis, separate means carried by said indicator for driving each reed, a tab attached to the free end of each reed, a face plate attached to said azimuth indicating means provided with a window in front of each of said tabs and characteristic markings and azimuth marking on the indicator adjacent to and in cooperative reading relation with said tabs.

2,128,924
PINWHEEL FEED
Henry G. Dybvig, Dayton, Ohio, assignor to John Q. Sherman, Dayton, Ohio
Application July 2, 1936, Serial No. 88,608
Renewed October 4, 1937
28 Claims. (Cl. 197—133)



16. A pin type strip feeding device for progressively advancing a strip of material having therein a succession of longitudinally spaced holes comprising a cylindrical roll having therein a series of circumferentially spaced holes, a rotary pin wheel including a rotary succession of spaced radial feeding pins eccentrically located interiorly of the roll for advancement in a path of travel eccentric thereto and having intermeshing engagement in the circumferentially spaced holes of the roll through which the pins are progressively projected into feeding engagement in the longitudinally spaced holes in a strip of material being advanced thereby.

2,128,925
TREATMENT OF SOYA BEAN OIL
Albert K. Epstein, Chicago, Ill.
No Drawing. Application April 15, 1937, Serial No. 137,045
20 Claims. (Cl. 260—420)

1. In a method of improving soya bean oil, particularly with respect to extending its prereversion period, the steps which comprise mixing said oil with not substantially in excess of 0.3%, based on the weight of the oil, of a higher molecular weight alkyl or acyl derivative of an aliphatic polyhydroxy substance containing at least one free hydroxy group attached to the polyhydroxy nucleus, and heating the resulting mixture under reduced pressure at sufficiently high edible oil deodorization temperatures for a length of time sufficient to drive off undesirable constituents.

2,128,926
TREATMENT OF SOYA BEAN OIL
Albert K. Epstein, Chicago, Ill.
No Drawing. Application April 15, 1937, Serial No. 137,046
34 Claims. (Cl. 260—420)

1. In a method of improving soya bean oil, particularly with respect to extending its pre-reversion period, the steps which comprise mixing said oil with not substantially in excess of 0.5% of a phosphoric acid ester, based on the weight of the oil, and heating the resulting mixture under reduced pressure at sufficiently high edible oil deodorization temperatures for a length of time sufficient to drive off undesirable constituents.

2,128,927
TREATMENT OF SOYA BEAN OIL
Albert K. Epstein, Chicago, Ill.
No Drawing. Application April 15, 1937, Serial No. 137,047
20 Claims. (Cl. 260—420)

1. In a method of improving soya bean oil, particularly with respect to extending its pre-reversion period, the steps which comprise mixing said oil with not substantially in excess of 0.2% of a phosphoric acid ester and not substantially in excess of 0.2% of a polyhydroxy substance, the amount of each of said materials being based on the weight of the oil, and heating the resulting mixture under reduced pressure at sufficiently high edible oil deodorization temperatures for a length of time sufficient to drive off undesirable constituents.

2,128,928
ART OF FIBER LIBERATION
Joseph H. Estes, Miami, Fla., assignor to J. Weston Allen and Everett E. Kent, both of Newton, Mass., and Henry W. Packer, Wellesley, Mass.
Application June 29, 1932, Serial No. 620,054
10 Claims. (Cl. 92—14)



1. A process for liberation of plant fibrils comprising the immersing of a mass of decorticated natural fiber-bundles in a solution boiling in atmosphere, in which solution to 100% of water there are about .2% to .5% (two-tenths to five-tenths of one per cent) of neutral soap and about .4% (four-tenths of one per cent) of sodium carbonate, the said treatment continuing with erosion of lateral cementitious connections between cells in the fiber until separation of fibers into fibrillized fragments occurs.

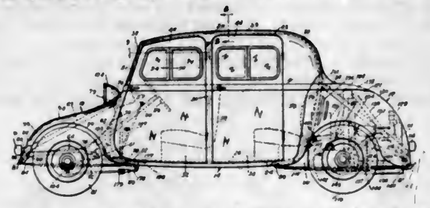
2,128,929
ARTICLE OF MANUFACTURE FROM FIBERS OF BAST OR LEAF ORIGIN
Joseph H. Estes, Boston, Mass., assignor to J. Weston Allen and Everett E. Kent, both of Newton, Mass., and Henry W. Packer, Wellesley, Mass.
Application January 6, 1938, Serial No. 183,606
2 Claims. (Cl. 117—52)



2. A new article of manufacture, being a multifibrillous mass wherein the fibrils are mutually separate from and independent of each other, but possess physical and chemical characteristics identifying them as having originated in long and strong bast or leaf fibers of plants; said fibrils comprising ultimate cells of such fibers with the natural endwise joinders of such cells remaining as in the natural fiber; but the mass being practically free from non-cellulosic associated matter which naturally occurs associated with said cells, except that the said endwise joinders and ligneous matter and moisture remain; and differing from a mass of natural fiber of the like kind, decorticated, in that portions of the mass having fibrils laid in the same direction are highly flexible, and also differing in that cellulose, in that natural state in which cellulose occurs in the natural bast or leaf decorticated fiber, is concentrated in the mass as a substantially larger proportion of the whole mass than such cellulose constitutes in that kind of decorticated natural fiber with whose fibrils the said fibrils of the product are identifiable.

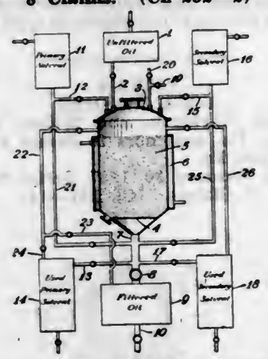
2,128,930
UNIT SECTION AUTOMOTIVE VEHICLE
Frank R. Fageol and William B. Fageol, Kent, Ohio, assignors of one-fifth to Strauch & Hoffman, a partnership composed of William A. Strauch and James A. Hoffman, Washington, D. C.
Application May 18, 1934, Serial No. 726,418
12 Claims. (Cl. 180—54)

1. A vehicle comprising three longitudinally aligned sections consisting of an intermediate section housing a load carrying space, and a pair of wheel mounted front and rear sections attached respectively to the front and rear walls of said intermediate body section, said front and rear sections being complete self-contained units



including compartments fitting said front and rear walls of said intermediate section.

2,128,931
REVIVIFICATION OF CLAY AND THE LIKE
Seymour W. Ferris, Aldan, and Henry C. Cowles, Jr., Philadelphia, Pa., assignors to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania
Application April 14, 1936, Serial No. 74,240
8 Claims. (Cl. 252—2)



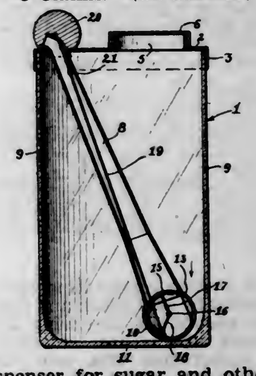
1. In a process of revivifying spent adsorbents employed in decolorizing hydrocarbon oils, the steps which comprise leaching said adsorbent with an organic solvent capable of replacing the impurities of said adsorbent, and then leaching said adsorbent with an organic solvent capable of dissolving said impurities, said first mentioned solvent being substantially immiscible with said second solvent and with hydrocarbon oil.

4. In a process of revivifying spent adsorbents employed in decolorizing hydrocarbon oils, the steps which comprise leaching said adsorbent with an alcohol capable of replacing the impurities of said adsorbent and with a light hydrocarbon solvent capable of dissolving said impurities, said alcohol containing sufficient water to render same substantially immiscible with said second solvent and with hydrocarbon oil.

2,128,932
PREPARATION OF RESINOUS REACTION PRODUCTS OF SULPHUR DIOXIDE AND OLEFINES
Louis H. Fitch, Jr., and Frederick E. Frey, Bartlesville, Okla., assignors to Phillips Petroleum Company, Bartlesville, Okla., a corporation of Delaware
No Drawing. Application March 16, 1932, Serial No. 599,350
7 Claims. (Cl. 260—2)

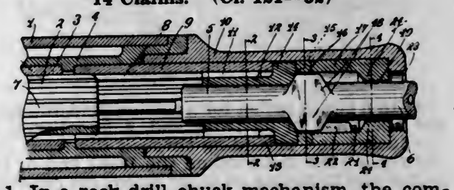
1. In the process of making resinous material from sulphur dioxide and an olefine, the step of reacting the mixture in the presence of a salt of silver of the group consisting of silver sulphate, silver sulphite and silver nitrate, as catalyst.

2,128,933
SUGAR DISPENSER
Edwin E. Foster, Austin, Tex.
Application April 1, 1937, Serial No. 134,366
6 Claims. (Cl. 221—98)



1. A dispenser for sugar and other materials comprising a container, a cover for the container having an opening therein, a tube in the container projecting at its outer end through the opening in the cover to form a pouring spout and at the other end having an enlarged bowl, said bowl having an opening therein through which the sugar may pass into the bowl, a closure for the bowl, a closure cover for the pouring spout, and means interconnecting the closure for the bowl and the closure cover for the pouring spout whereby both may operate simultaneously and alternately to open and closed positions.

2,128,934
ROCK DRILL
Elmer G. Gartin, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application July 31, 1934, Serial No. 737,795
14 Claims. (Cl. 121—32)

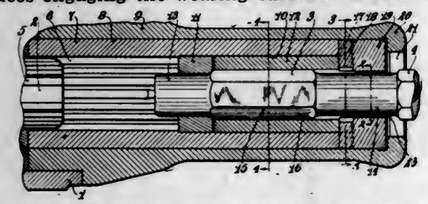


1. In a rock drill chuck mechanism, the combination with a drill steel having a shank, of steel rotating means including a chuck member having a bore, a driver member for receiving and driving the drill steel, and a replaceable wear bushing separable from said chuck and driver members for receiving and guiding the rearward portion of the drill steel shank and slidably seated in said chuck member bore, said bushing having a portion secured between the adjacent ends of said chuck and driver members and said bushing having a sliding fit within said chuck member bore and releasable therefrom by a rectilinear axial movement.

2,128,935
ROCK DRILL
Elmer G. Gartin, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application August 20, 1934, Serial No. 740,645
18 Claims. (Cl. 121—32)

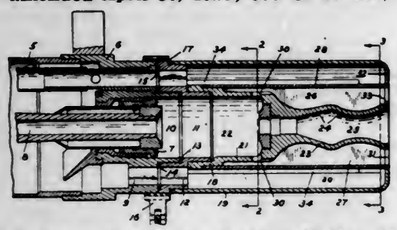
1. In a rock drill chuck mechanism, the combination with a drill steel having a shank pro-

vided with an end portion of reduced cross section and an intermediate portion of reduced cross section, said reduced portions bracketing an elongated driving portion of greater cross section than said reduced portions and having relatively wide elongated wearing surfaces, a rotatable chuck for receiving the drill steel shank and having driving means provided with wide elongated driving surfaces engaging the wearing surfaces of said en-



larged shank portion for rotating the drill steel, means supported by said chuck and engaging said reduced end portion for centering and guiding the steel shank, and means rotatable with said chuck and cooperating with said intermediate reduced portion for locking the drill steel shank within said chuck, said enlarged driving portion cooperating with said centering and guiding means for limiting inward movement of the steel shank within said chuck.

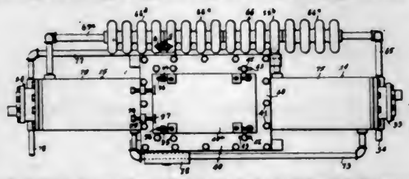
2,128,936
MUZZLE ATTACHMENT FOR GUNS
Samuel G. Green, Gray, Ga.
Application October 16, 1936, Serial No. 105,949
4 Claims. (Cl. 89—14)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a gun, a jacket for a cooling fluid and having apertures in its front end, a gun barrel in the jacket and extending through the front end thereof, a unit mounted on the front end of the jacket and including an inner casing for receiving the gases of discharge from the barrel, said casing having an enlarged rear part and a reduced front part, spaced flues extending longitudinally and formed in part by the outer side of the reduced front part of the inner casing and having communication with the rear part of the casing, an outer casing surrounding the inner casing and flues and spaced therefrom to establish a chamber therewith, said chamber open to the apertures in the front end of the fluid jacket whereby cooling fluid surrounds and contacts both the inner casing and the flues.

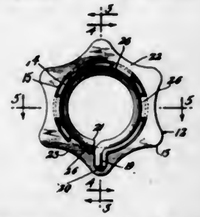
2,128,937
LONG STROKE HORIZONTAL TYPE AIR COMPRESSOR
William B. Hale, Huntington Park, Calif., assignor to New Type Air Compressor Company, Huntington Park, Calif., a corporation of Nevada
Application March 17, 1936, Serial No. 69,312
15 Claims. (Cl. 230—185)

1. In a gas compressor, the combination of a pair of coaxial long-stroke horizontal cylinders arranged in tandem and disposed apart, a pair of endless chains mounted to run longitudinally with the cylinders, located between the same, and on opposite sides of the axis of the cylinders, piston heads in the cylinders respectively, operating to compress the gas in the cylinders ends, said pistons having a piston rod connecting the same



and lying between the chains, said rod having a cross-head; and a driving wrist driven by the chain and engaging the cross-head for reciprocating the same, and means for driving the endless chains, said chain operating to give the piston rod relatively few strokes for a given volume of gas compressed, and thereby reducing the clearance losses during compression of a given volume of gas.

2,128,938
LOCK WASHER
Albert Hall, Narberth, and Wilson T. Young, Oakmont, Pa., assignors to James H. Gravell, Elkins Park, Pa.
Application January 30, 1937, Serial No. 123,094
2 Claims. (Cl. 151—14)

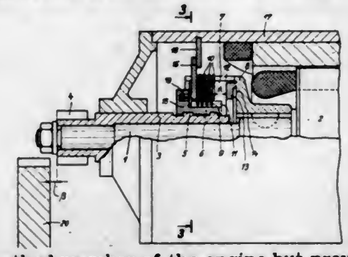


2. A lock washer to follow the nut on a bolt, said washer presenting a flat contacting face toward the nut and being formed with a recess surrounding the bolt opening, a split spiral band in the recess adapted to thread onto the bolt, said band being normally free to float slightly transversely of the axis of the bolt opening, and interengaging means between the following end of the band and the washer, said recess being provided with projecting means for holding the band in threading position.

2,128,939
STARTING APPARATUS FOR INTERNAL COMBUSTION ENGINES
Richard Hammer, Winnenden, Germany, assignor to Robert Bosch Gesellschaft mit beschrankter Haftung, Stuttgart, Germany
Application October 23, 1934, Serial No. 749,627
In Germany November 4, 1933
18 Claims. (Cl. 74—7)

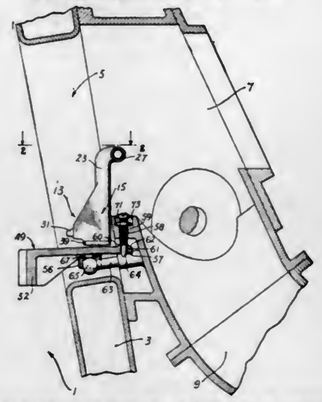
1. Starting apparatus for internal combustion engines comprising a driving shaft, a pinion, driving means connected with said driving shaft and rotating the same before and after said pinion is in mesh with a toothed member of the engine, friction clutch means, in constant engagement, adapted to transmit only a low torque from said shaft to the pinion, friction clutch means adapted to transmit the full torque of the driving means

to the pinion and means for always automatically bringing said second-mentioned clutch means into operation after the pinion is in mesh with



the toothed member of the engine but preventing said second mentioned clutch means from coming into operation until the pinion is in mesh with said member.

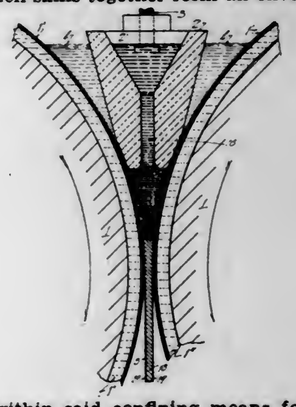
2,128,940
STOKER MECHANISM
William Thompson Hanna, Cincinnati, Ohio
Application April 28, 1934, Serial No. 722,833
14 Claims. (Cl. 110—101)



1. In a stoking apparatus having a passageway for feeding solid fuel to a fire box and fuel distributing means associated with the outlet of said passageway comprising means for directing jets of steam into the fire box to distribute the fuel therein, and a distributor plate for aiding the steam jets in the distribution; in combination, means for mounting said distributor plate beneath said steam jets by a "three-point" support comprising two stationary spaced lower fulcrum supports having contact with the underside of said distributing plate, and a third vertically adjustable upper support having contact with the upper surface of said distributing plate, said last contact being displaced from a line joining said two lower contacts, the angle of said plate with respect to the horizontal being adjustable by the vertical adjustment of said upper support.

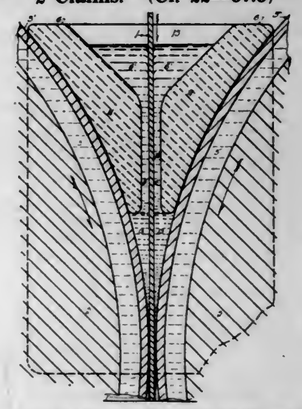
2,128,941
DIRECT CASTING OF SHEETLIKE METAL STRUCTURES
Edwin B. Hudson, Middletown, Ohio, assignor to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio
Application April 1, 1936, Serial No. 72,126
8 Claims. (Cl. 22—57.5)

1. In direct casting apparatus the combination of opposed, cooled moving surfaces forming a confining pass, means for feeding molten metal to said surfaces, means adjacent said surfaces for confining the metal between said means and said surfaces so as to form on each surface a skin, which skins together form an envelope, and



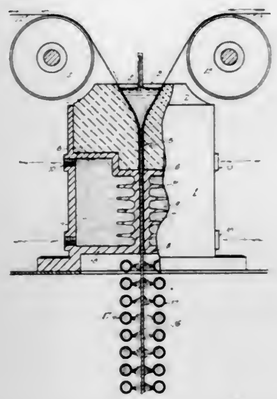
means within said confining means for feeding an additonal supply of metal into said envelope so as to be cooled by said surfaces and so as to form a composite article of which said skins constitute outer surfaces.

2,128,942
DIRECT CASTING APPARATUS
Edwin B. Hudson, Middletown, Ohio, assignor to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio
Application April 1, 1936, Serial No. 72,127
2 Claims. (Cl. 22—57.5)



1. In combination in mechanism for forming metallic articles by operations involving casting, a pair of cooled rolls mounted so as to define a sizing pass, non-metallic, refractory reservoir means for molten metal having external surfaces following the contour of the rolls and in substantial contact therewith, the walls of said refractory reservoir means being of substantial thickness for keeping the molten metal in said reservoir means away from said rolls, and for retaining said metal molten, and means for passing a core strip into and through said molten metal in said reservoir means and for thereafter conducting said core strip and a portion of said molten metal from said reservoir means and through the pass between said rolls.

2,128,943
FORMATION OF ENCASED STRUCTURES BY DIRECT CASTING
Edwin B. Hudson, Middletown, Ohio, assignor to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio
Application April 1, 1936, Serial No. 72,128
5 Claims. (Cl. 22—57.2)



3. A direct casting device comprising a refractory member shaped interiorly to provide a reservoir for molten metal and a constricting portion, means for leading metal strips into said reservoir and along the walls thereof, so that said bath of molten metal is held therebetween, and cooling and sizing means adjacent said refractory member, through which said metallic strips and a portion of said molten metal may be passed.

2,128,944
RUBBER COMPOSITION AND METHOD OF PRESERVING RUBBER
Webster N. Jones, Pittsburgh, Pa., assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
No Drawing. Original application January 22, 1931, Serial No. 510,514. Divided and this application March 20, 1935, Serial No. 12,041
18 Claims. (Cl. 18—50)

1. The method of preserving rubber which comprises treating rubber with a tertiary aromatic diamine in which the amino groups are attached to different hydrocarbon groups of a compound selected from the class consisting of di-hydrocarbon substituted ethers and thioethers.

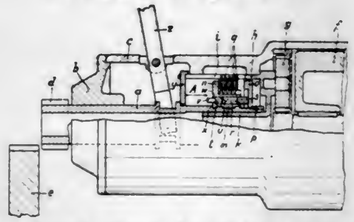
2,128,945
RUBBER COMPOSITION AND METHOD OF PRESERVING RUBBER
Webster N. Jones, Pittsburgh, Pa., assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
No Drawing. Original application January 22, 1931, Serial No. 510,514. Divided and this application August 11, 1936, Serial No. 95,428
8 Claims. (Cl. 18—50)

1. The method of preserving rubber which comprises treating rubber with a compound consisting of hydrocarbon groups united by from three to four aromatic amino groups of which at least two are tertiary amino groups and none are primary amino groups.

2,128,946
TETRAPHOSPHORIC ACID ESTERS
Morris B. Katzman, Chicago, Ill.
No Drawing. Application April 9, 1937, Serial No. 135,931
23 Claims. (Cl. 260—461)

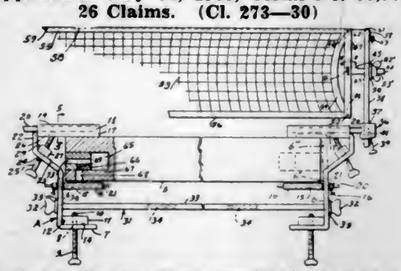
1. A tetraphosphate of an aliphatic polyhydroxy substance wherein the hydrogen of at least one hydroxy group of the aliphatic polyhydroxy substance is replaced by a radical selected from the group consisting of alkyl and acyl radicals.

2,128,947
STARTING DEVICE FOR INTERNAL COMBUSTION ENGINES
Hermann Klein, Stuttgart-Feuerbach, Germany, assignor to Robert Bosch Gesellschaft mit beschrankter Haftung, Stuttgart, Germany
Application October 25, 1935, Serial No. 46,821
In Germany November 19, 1934
11 Claims. (Cl. 123—179)



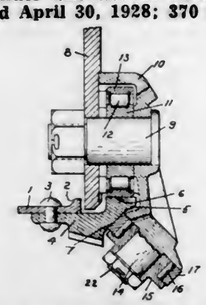
1. A starting device for internal combustion engines comprising an axially displaceable rotatable shaft, a driving member, adapted for connection with a part of the engine, carried by said shaft, a primary driving means, a friction clutch including a plurality of friction discs for interconnecting said driving member with said primary driving means, a pressure member carried by said shaft and carrying a number of said friction discs and initially displaceable with said shaft and driving member, a cup associated with said primary driving means and carrying the remainder of said friction discs, resilient means normally adapted to prevent inter-engaging relationship of said friction discs, means for effecting axial displacement of said pressure member and said driving member in unison to bring the latter into engagement with said engine part and operable to nullify the action of said resilient means and permit inter-engaging driving relationship of said friction discs after engagement of said driving member with said engine has been effected, and means for effecting further displacement of said pressure member alone.

2,128,948
TENNIS SET
Jacob L. Kleinman, New York, N. Y.
Application July 31, 1935, Serial No. 33,974
26 Claims. (Cl. 273—30)



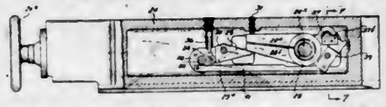
1. In a net supporting assembly for table tennis and similar games, means in combination with a table top adapted to receive a movable member operable horizontally below the upper surface of said top, said member provided with a vertically disposed opening, a post for carrying a net positioned within said opening and adapted to move vertically therein, thus raising or lowering the body of the net, means for securing said post to said member and means for holding said member in selected position.

2,128,949
TURRET MOUNTING
Harry A. Knox, Davenport, Iowa, and Harold W. Evans, Wilkes-Barre, Pa.
Application September 20, 1934, Serial No. 744,756
1 Claim. (Cl. 308—6)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



In a roller bearing, a support, a stud fixed to the support and projecting from one side of the support, a bushing mounted on the stud, said bushing having a flange and an eccentric outer surface between the flange and the support, a nut on the fixed stud for clamping the bushing against the support to hold it in position of angular adjustment, rollers on the eccentric outer surface of the bushing and confined between the flange of the bushing and the support, and a wheel on the rollers confined between the flange of the bushing and the support.

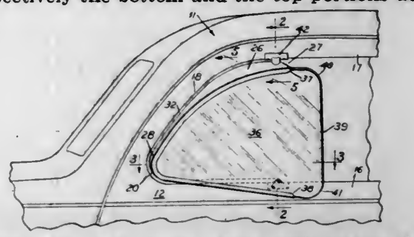
2,128,950
MACHINE TOOL
Max E. Lange, Cleveland Heights, and Nicholas P. Darash, Cleveland, Ohio, assignors to The Warner & Swasey Company, Cleveland, Ohio, a corporation of Ohio
Application March 21, 1936, Serial No. 70,058
17 Claims. (Cl. 29—49)



1. In a machine tool having a cross slide provided with an indexible member, means for clamping said member and including an integral split clamping ring provided with elongated arms extending substantially midway between the front and rear of the cross slide, and means located adjacent the front end of the cross slide and operatively associated with said elongated arms for moving said arms relatively toward and away from each other to clamp and unclamp the indexible member.

2,128,951
SIDE WINDSHIELD
Arthur C. Lillie, Los Angeles, Calif.
Application July 14, 1936, Serial No. 90,506
2 Claims. (Cl. 296—84)

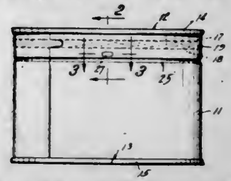
1. A side windshield comprising a windshield frame having a substantially horizontal bottom portion and an upper portion the same width at each rear end, the rear end of the upper portion being substantially horizontal, the bottom portion converging towards the forward corner and the upper portion tapering towards the same corner and also having a convex curve considered in a longitudinal direction to conform to a sloping stile at the front of a side window of an automobile, the converging bottom and top portions being joined at the front corner, a lower and an upper pivot connecting respectively the bottom and the top portions adjacent their rear inner edges with means for mounting said pivots on the window sill and the top of the window frame, a windshield glass secured to the windshield frame and conforming to the shape of such frame, the glass being located adjacent the outer edge of the frame and thereby having the rear portion of the glass spaced from the pivots whereby when the inner edge of the frame is substantially parallel to the window the windshield diverges outwardly from the front stile of the window, the upper tapering and convex portion of the frame being adapted to form a rain guard between the windshield glass and the window frame.



2,128,952
SEASONING POULTRY
Joseph Mareta, Marseilles, Ill.
No Drawing. Application February 1, 1936, Serial No. 61,888
1 Claim. (Cl. 99—107)

The method of seasoning fowl, which consists in injecting a seasoning in liquid form into a plurality of places in the flesh of the fowl immediately after killing and before the body heat has left the fowl, whereby said liquid will become distributed throughout the fleshy parts of the fowl.

2,128,953
CONTAINER
Harry J. Miller, San Francisco, Calif., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application January 11, 1936, Serial No. 58,731
3 Claims. (Cl. 220—54)



1. A sheet metal container, comprising a tubular body member having a side wall, a cooperating member having a wall frictionally engageable with said body member side wall and terminating at one end in an inwardly curled reenforcing portion, and a protuberance located in said side wall and which is engaged by the wall of said cooper-

ating member for frictionally and tightly holding the body and the cooperating member in assembled position, said inwardly curled reenforcing portion holding the wall of said cooperating member outwardly against said protuberance to insure against relative displacement between said body and cooperating members, said protuberance being partially ironed out substantially beyond detection by its engagement with said engaged wall.

2,128,954

HOT WORKABLE BRONZE

Richard B. Montgomery, Derby, Conn., assignor to The American Brass Company, Waterbury, Conn., a corporation of Connecticut

No Drawing. Application October 31, 1936, Serial No. 108,616

4 Claims. (Cl. 75—154)

1. An alloy which is characterized by being hot workable comprising from 2% to 20% tin, 0.25% to 5% iron, 0.1% to 5% manganese, 0.01% to 1% phosphorus and balance copper.

2,128,955

HOT WORKABLE PHOSPHOR BRONZE

Richard B. Montgomery, Derby, Conn., assignor to The American Brass Company, Waterbury, Conn., a corporation of Connecticut

No Drawing. Application November 26, 1937, Serial No. 176,666

4 Claims. (Cl. 75—154)

1. An alloy composed of 2% to 20% tin, from 0.25% to 5% iron, phosphorus from 0.05% up to 1%, and balance copper, which is characterized by being hot workable.

2,128,956

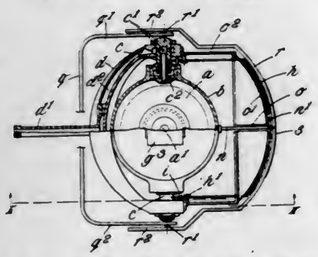
GYROSCOPIC NAVIGATIONAL INSTRUMENT

Douglas George King Moss, Sanderstead, England

Application January 16, 1937, Serial No. 120,907

In Great Britain April 8, 1936

9 Claims. (Cl. 33—204)



1. In a gyroscopic navigational instrument, a semi-circular outer gimbal supported at the rear by a single trunnion for movement about a fore and aft axis, an inner gimbal pivoted to said outer gimbal on a transverse axis, a gyro wheel having a normal vertical spin axis carried by said inner gimbal, a dial carried by said outer gimbal at the front of the instrument, said dial having a vertical slot, a member pivoted on an axis normally coincident with said transverse axis and extending across in front of said dial, a pictorial representation of an aeroplane mounted on said member over said dial, and means extending through said slot for slidably connecting said member with said inner gimbal whereby the latter is stabilized against pitching movements.

9. In a gyroscopic navigational instrument, an outer gimbal pivoted about a fore and aft axis, an inner gimbal pivoted to said outer gimbal about a transverse axis, a gyro wheel having a normally vertical spin axis carried by said inner gimbal, a member pivoted about an axis normally coincident with said transverse axis, a pictorial representation of an aeroplane mounted on said member, means connecting said member with the inner gimbal so as to stabilize said member against pitching movements, an element arranged near the representation of the aeroplane to represent the horizon and pivoted on one of said gimbals about an axis parallel to said transverse axis, and connected to the other gimbal so as to be displaced by relative movements between the gimbals in the direction of the outer gimbal to a greater extent than the latter, said pictorial representation of the aeroplane and said representation of the horizon both being movable in opposite directions relative to one another.

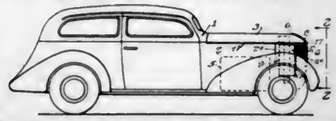
2,128,957

RADIATOR SHELL

Willard L. Morrison, Lake Forest, Ill.

Application January 7, 1937, Serial No. 119,457

4 Claims. (Cl. 180—69)



1. A radiator shell comprising a streamlined portion projecting forwardly of the radiator and having an opening therein, a grille in said opening, a plurality of controlling members adapted to be moved varying distances across said grille, outside thereof, and receiving spaces on the inside of said shell for the said members, into which they may be moved.

2,128,958

REFINING MINERAL LUBRICATING OILS

Martin Mueller-Cunradi and Robert Uloth, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application April 26, 1934, Serial No. 722,503. In Germany May 5, 1933

1 Claim. (Cl. 196—13)

The process for the production of improved mineral lubricating oils which comprises subjecting a mineral lubricating oil to extraction by means of a mixture consisting essentially of nitrobenzene and acetonitrile.

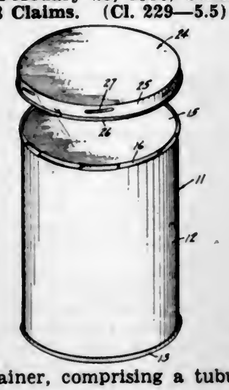
2,128,959

CONTAINER

Henry M. Nicholls, Chicago, Ill., assignor to American Can Company, New York, N. Y., a corporation of New Jersey

Application February 25, 1936, Serial No. 65,695

3 Claims. (Cl. 229—5.5)



1. A container, comprising a tubular body of

relatively soft material, a collar of relatively hard material having inner and outer walls surrounding an end of said body, the outer of said walls constituting an annular bead projecting outwardly beyond the plane of said body, said outer wall having spaced transverse depressions extending the entire depth thereof and setting off adjacent portions of the bead as protuberances, and a cover for said container adapted to fit the end of said body and having projections passable through said collar depressions when applying the cover to the body and engageable with said protuberances for locking the applied cover in place.

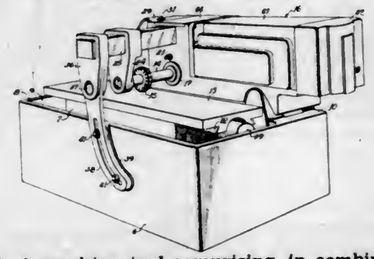
2,128,960

MILLING MACHINE

Alexander Oberhoffken, Rockford, Ill., assignor to The Ingersoll Milling Machine Company, Rockford, Ill., a corporation of Illinois

Application January 13, 1936, Serial No. 58,855

10 Claims. (Cl. 90—16)



1. A machine tool comprising, in combination, a base, a carriage mounted for horizontal reciprocation on said base, means for traversing said carriage, a tool head mounted on said base for pivotal adjustment about an axis extending transversely of said carriage, a spindle mounted in one end of said head and extending over said carriage and being vertically adjustable relative to said carriage upon angular adjustment of said head, unitary self-contained power drive means in said head including an outlet shaft journaled in said base on said axis, and a drive connection from said shaft to said first mentioned means.

2,128,961

COATED PRODUCT AND PROCESS WHEREBY PREPARED

Gordon D. Patterson, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 8, 1936, Serial No. 84,231

11 Claims. (Cl. 91—68)

1. A product comprising a plaster surface treated with deacetylated chitin, said treated surface having a coating thereover of a drying oil modified alkyd resin.

2,128,962

COATED OBJECTS

Gordon D. Patterson, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 8, 1936, Serial No. 84,232

13 Claims. (Cl. 91—68)

6. A product comprising wood having a priming coat thereon comprising deacetylated chitin and over said priming coat a surface coating comprising a film-forming polyhydric alcohol ester of drying oil acids.

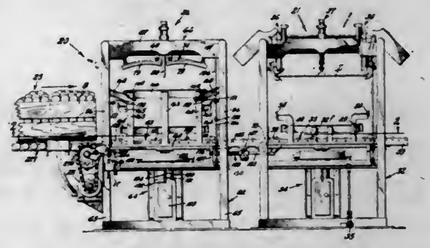
2,128,963

BOX LIDDER FEED

Hale Paxton, Santa Ana, Calif., assignor to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware

Original application April 24, 1935, Serial No. 17,970. Divided and this application February 21, 1938, Serial No. 191,585

7 Claims. (Cl. 1—10)



1. In combination: a lidder including a nailing table, lid pressing and nailing mechanism suspended overhead, and an elevator for lifting said table with a packed box resting thereon into operative relation with said mechanism to lid said box, and then lowering said table to permit the lidded box to be discharged therefrom; feeding means for delivering a box onto said table; stop means for preventing a box from passing from said feeding means into said lidder; and control means responsive to the downward travel of said table to render said stop means inoperative to stop said last mentioned box from being fed into said lidder.

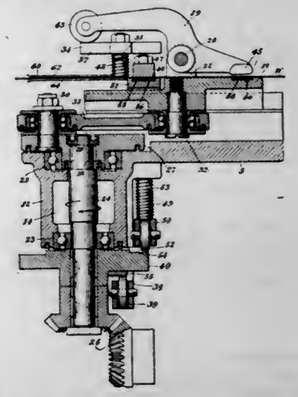
2,128,964

WEB FEEDING MECHANISM

Albert F. Pityo, Clifton, N. J., assignor to Tri State Cap & Cap Machinery Co., Inc., Newark, N. J., a corporation of New Jersey

Application September 18, 1935, Serial No. 41,052

15 Claims. (Cl. 271—2.5)



1. Web feeding mechanism comprising a reciprocating slide, a gripper movable on and with the slide, means for reciprocating the slide, a yoke surrounding the slide and movable transversely to the slide and web for moving said gripper, a fixed web holding element, a movable web holding yoke cooperative therewith surrounding the slide and movable transversely to the slide and web, and cam means for operating both of said yokes.

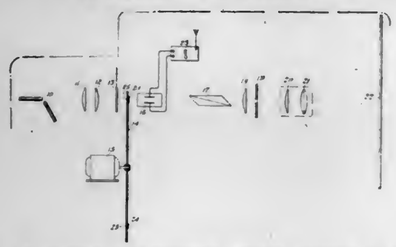
2,128,965
ART OF MAKING LEATHERBOARD
Herman W. Richter, Bridgewater, Mass., assignor to George O. Jenkins Company, Bridgewater, Mass., a corporation of Massachusetts
No Drawing. Application March 31, 1936, Serial No. 71,926
6 Claims. (Cl. 8—2)

1. The method of making leatherboard which comprises subjecting leatherboard containing iron-tannate inks to the action of a solution containing a phosphoric acid.

2,128,966
COATED ABRASIVE ARTICLE AND METHOD OF MAKING THE SAME
Norman Pierce Robie, Niagara Falls, N. Y., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware
No Drawing. Application February 7, 1935, Serial No. 5,404
4 Claims. (Cl. 51—278)

4. The method of making abrasive coated products which comprises preparing a dry liquid-free mixture comprising abrasive grains and a powdered binder which is adapted to be made adhesive by treatment with a solvent, separately treating a backing material to cause the mixture to adhere directly to it when the binder comes in contact with the backing, applying the mixture of grain and binder to the treated backing, applying a solvent to the binder to cause it to become adhesive, and then treating the thus-formed article to harden the binder and thus fix the grains on the backing.

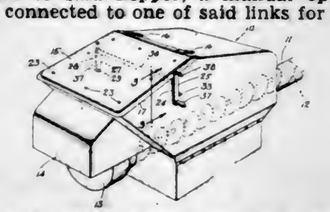
2,128,967
TELEVISION APPARATUS
John King Ross, New York, N. Y.
Application March 4, 1936, Serial No. 66,987
8 Claims. (Cl. 178—7.6)



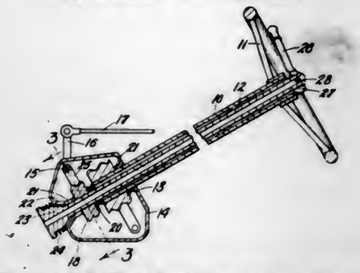
1. A television scanning device having a series of openings, and individual light polarizing members mounted on said device, and covering the openings respectively.

2,128,968
HOPPER FOR FUEL STOKERS
Clark Scholl, Springfield, Ohio, assignor to The Steel Products Engineering Company, Springfield, Ohio, a corporation of Ohio
Application May 4, 1936, Serial No. 77,771
1 Claim. (Cl. 217—60)

The combination with an open hopper adapted to contain a reserve supply of fuel for a stoker or the like, of a hinged cover for said hopper, and a manual operating mechanism for said cover comprising first and second links located exteriorly of said hopper pivotally connected to each other at adjacent ends and respectively to adjacent points on said hopper and cover at their other ends, said links being disposed in superposed position with said points of pivotal connection substantially in alinement when said cover is in closed position, the point of pivotal connection of said second link to said cover being disposed closer to the hinged connection of the cover than is the pivotal connection of said first link to said hopper, a manual operating handle connected to one of said links for swinging them forwardly away from the hinged connection first through an over-center or alined pivot position in opening the cover, then into a second alined pivot position with said links disposed substantially end to end, and finally a substantial distance past said second alined pivot position, and a fixed abutment contacting one of said links in its final position to prevent further movement thereof, whereby said cover is locked in both its open and closed positions by the over-center movement of the linkage.



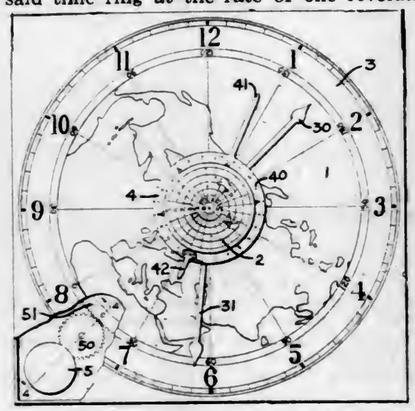
2,128,969
HAND BRAKE OPERATING MECHANISM
Carl Claude Shafer, Cincinnati, Ohio
Application June 19, 1935, Serial No. 27,377
15 Claims. (Cl. 74—485)



1. In a ratchetless braking system the combination with a vehicle brake operating rockable arm, of a rotatable shaft manually operable through substantially one-half revolution, complementary irreversible drive connecting members mounted directly on said shaft and said arm respectively, and a hand lever mounted on the shaft for effecting limited rotary movement of the shaft whereby said brake arm is moved into adjusted braking and non-braking positions, said irreversible connecting members serving to hold the shaft against movement due to brake strain from the rockable arm.

2,128,970
SPACE-TIME CLOCK
Selden F. Smyser and Katherine O. Smyser, Ellensburg, Wash.
Application August 24, 1936, Serial No. 97,504
14 Claims. (Cl. 58—43)

10. A space-time clock comprising a conventional 12-hour clock face, conventional hour and minute hands movable thereover, a polar map of the world underlying said hands and having its pole disposed coaxially of said clock face and fixed relatively thereto, a time ring disposed centrally of and coaxial with said map graduated into 24 hourly divisions, a pointer projecting radially therefrom at the graduation corresponding to noon, time-keeping mechanism effecting rotation of said time ring at the rate of one revolution per day in a clockwise direction, and also effecting normal rotation of the hour and minute hands, a polar map of the celestial globe disposed with its pole coaxial with the time ring, and means effecting movement of said celestial map in a counterclockwise direction at the rate of approximately one revolution per day.

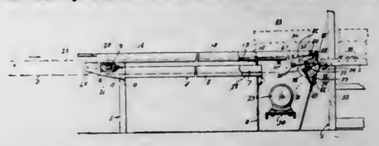


2,128,971
PROCESS FOR PRODUCING BETA OLEFINS
Robert D. Snow, Bartlesville, Okla., assignor to Phillips Petroleum Company, Bartlesville, Okla., a corporation of Delaware
No Drawing. Application July 29, 1935, Serial No. 33,794
15 Claims. (Cl. 260—170)

5. The process of preparing beta olefins in a concentrated form which comprises treating hydrocarbon mixtures containing gamma and other olefins for the selective polymerization of substantially all of the gamma olefins, subsequently contacting the remaining hydrocarbon mixture with sulphuric acid solution of a concentration between 70 and 90 per cent by weight at a suitable temperature to convert most of the other olefins to the acid sulphate esters, separating and diluting the acid sulphate solution with a quantity of water sufficient to reduce the concentration of the acid originally used to 50–65 per cent sulphuric acid, and heating the diluted acid sulphates to a temperature in excess of 75° C. thereby to regenerate and separate olefins.

2,128,972
BOX FEEDING MECHANISM
Fred Stebler and George P. Marsden, Riverside, Calif., assignors to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware
Application May 25, 1936, Serial No. 81,650
6 Claims. (Cl. 1—10)

1. In an accumulator conveyer for interpositioning between a feeder conveyer and a box lidding machine, means for moving boxes from said feeder conveyer toward said machine, box stop means interposed in the path of movement of boxes through said accumulator conveyer, means for urging said box stop means into the path of movement of the foremost box on said accumulator conveyer, means on said lidding machine and operated at the completion of a lidding operation for moving said box stop means out of the path of said foremost box, means for holding said box stop means out of the path of said foremost box when so moved, and means actuated by the passage of said foremost box past said box stop means for releasing said holding means to allow said box stop means to be urged into the path of the next succeeding box.



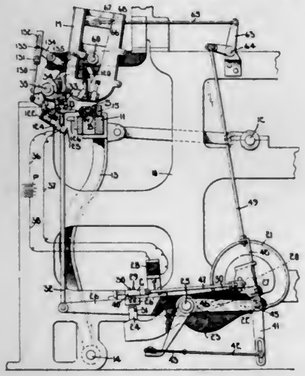
2,128,973
PROTECTIVE COMPOSITION FOR FRUITS AND THE LIKE
Wendell H. Tisdale, Cleveland Heights, Ohio, and Albert L. Flenner, Wilmington, Del., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 27, 1935, Serial No. 28,700
10 Claims. (Cl. 134—1)

1. A self-emulsifying composition of matter useful as a coating composition in emulsified form characterized in emulsified form by its stability in the presence of either weak acids or the impurities of hard or natural water or in the presence of both which comprises in admixture about 15 to about 40 parts of at least one member of the group consisting of rosin, glycerol esters of rosin and diethylene glycol esters of rosin, about 10 to about 35 parts of at least one wetting agent of the group consisting of sulfation products of aliphatc compounds which contain an alcoholic radical of more than 7 carbon atoms and alkylnaphthalene-alkali-sulfonates, about 20 to about 50 parts of a composition consisting of from about two-fifths to five-fifths of at least one primary monohydric alcohol of not more than three carbon atoms, the balance being a paraffin oil, and about 5 to about 20 parts of water, all parts being by weight.

2,128,974
TWO-COLOR ROCKING MAGAZINE
Richard G. Turner, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application March 5, 1937, Serial No. 129,245
12 Claims. (Cl. 139—232)

1. In a weft replenishing loom operating with a lay and having a plurality of weaving shuttles any one of which may become active, a rocking magazine normally stationary and having groups of distinctive reserve bobbins, one group for each weaving shuttle, an actuating lever having a working stroke on alternate beats of the loom, an operating lever normally at rest, transfer mechanism to be set for cooperation with the lay to effect transfer by the operating lever when the latter moves, force transmitting control means for the magazine to have transmitting and non-transmitting positions relatively to the operating lever, selector mechanism to assume a plurality of positions depending upon which weaving shuttle is active and connected to the transmitting

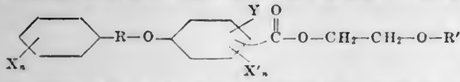
control means to move the latter relatively to the operating lever, means operative upon exhaustion of weft in an active weaving shuttle to connect the actuating and operating levers together and cause the actuating lever to move the operating lever, the latter thereupon setting a transfer mechanism for operation by the lay and moving the force transmitting means to effect



rocking of the magazine when the transmitting means is in transmitting position relatively to the operating lever to place one of the groups in transfer position, and means to hold the magazine with another of the groups in transfer position when the transmitting means is in non-transmitting position relatively to the operating lever.

2,128,975
ARALKYL ETHERS OF THE HYDROXY-BENZOATES
Edward M. Van Duzee and Shailer L. Bass, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application August 21, 1936, Serial No. 97,228
17 Claims. (Cl. 260—104)

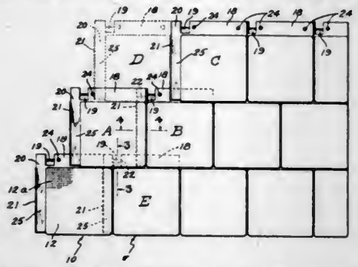
1. An aralkyl ether of a hydroxy-substituted benzoic acid ester compound having the formula:



wherein X and X′ each represents a member of the group consisting of halogen and hydrogen, each n is an integer not greater than 2, R represents an alkylene radical, R′ is a hydrocarbon group selected from the class consisting of the alkyl, aralkyl, cyclo-alkyl and aryl radicals, and Y represents a member of the group consisting of phenyl, methyl, and hydrogen.

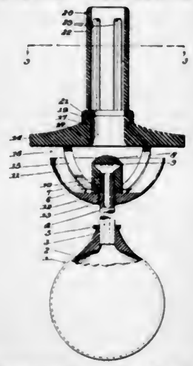
2,128,976
METAL WALL FACING
Henry E. Voegeli, Cheshire, Conn., assignor to The American Brass Company, Waterbury, Conn., a corporation of Connecticut
Application October 9, 1936, Serial No. 104,788
9 Claims. (Cl. 189—86)

1. A panel for a sheet metal wall facing comprising a hollow body including front and side walls, lateral extensions projecting from the inner edges of an adjacent pair of said side walls, a clip at the forward side of the first of said extensions, a forwardly directed flange along the free edge of the second of said extensions, and a lug



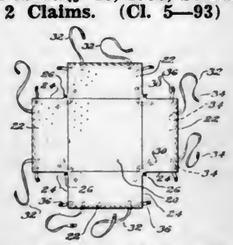
on the inner edge of the side wall opposite the side wall having the first extension.

2,128,977
SHEATH SYRINGE
Alva E. Whitetree, Flint, Mich., assignor of one-third to Samuel Grammatico, one-sixth to Thomas J. La Londe and one-sixth to Leonard L. Harvey, all of Flint, Mich.
Application February 11, 1936, Serial No. 63,403
5 Claims. (Cl. 128—241)



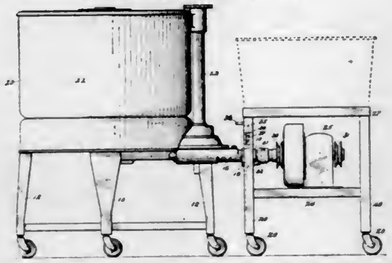
1. A syringe comprising a flexible bulb providing a water reservoir, a feed pipe attached to the bulb, a nozzle carried by the pipe, said nozzle having discharge holes, a sheath from which the nozzle is clear but into one end of which the nozzle is extensible until the holes are exposed at the opposite end of the sheath, said nozzle acting as a stopper, and means by which the sheath is loosely attached to the feed pipe.

2,128,978
BABY CRIB
Ruth H. Akin, Winchester, Mass.
Application February 16, 1938, Serial No. 190,805
2 Claims. (Cl. 5—93)



1. A protective liner for baby cribs or the like adapted to be spread out in flat form or erected to form an open top box-like structure, comprisinig a bottom pad having an upper face covering of washable material, side pads projecting from the bottom pad to form the general outline of a cross when in a flat position with seams separating the sides from the bottom to facilitate folding and having means to prevent dislodgment of the padding, the side pads being provided with approximately straight edges arranged to engage each other at the corners of the liner when in upright position, means for continuously connecting the engaging edges of the side pads and operating to render the sides of the liner self-sustaining, and means for detachably connecting the liner to the surrounding crib structure.

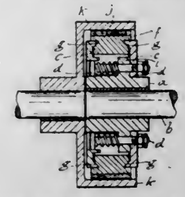
2,128,979
PORTABLE POWER ATTACHMENT FOR WASHING MACHINES
Alpheus W. Altorfer, Peoria, Ill.
Application November 29, 1935, Serial No. 52,139
4 Claims. (Cl. 74—16)



1. In a portable power device of the character described, the combination with a portable table structure including a relatively flat top for supporting articles, a plurality of supporting legs and a relatively horizontal shelf-like support disposed below and in spaced relation to said top and carried by certain of said legs, of a prime-mover supported upon said shelf-like support, a power drive shaft extending horizontally from and connected with said prime-mover at one end, the other end of said drive shaft extending to a place adjacent to one side of the table structure, a guard plate extending transversely of said drive shaft at said table side, said plate having an aperture in register with the second said end of said drive shaft, and of a power utilizing device disposed adjacent to said table structure, said power utilizing device including a driven shaft and a housing member surrounding said driven shaft and adapted to extend into said aperture in said guard plate, interengaging coupling means on said drive and driven shafts, and means associated with said plate and detachably engageable with said housing member for retaining said drive and driven shafts in operative relationship.

2,128,980
AUTOMATIC CENTRIFUGAL CLUTCH OR BRAKE
Alfred Anderton, Castleton, near Manchester, England
Application August 3, 1937, Serial No. 157,079½
In Great Britain September 18, 1936
2 Claims. (Cl. 192—105)

1. A centrifugal clutch comprising a driving member and a driven member, shoes carried by the driving member, flanges mounted on the driving member coaxial thereto, one of said flanges being spring controlled the shoes being clamped between said flanges so as to be held out of engagement with the driven member below a predetermined speed of the clutch, and said flanges having conical surfaces adapted to engage coned surfaces formed on both sides of each shoe.

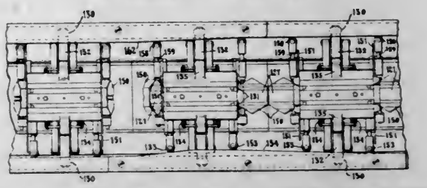


2,128,981
SHEET HANDLING MECHANISM FOR WEB PRINTING ROTARY PRESSES
Howard M. Barber, Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I., a corporation of Delaware
Application April 30, 1936, Serial No. 77,139
2 Claims. (Cl. 271—64)



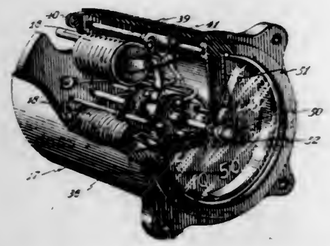
1. In a sheet delivery mechanism, front and rear delivery piles, two sheet delivery carriers traveling in endless elongated paths and provided with sheet grippers, two sheet transfer rotary carriers and two oppositely disposed sheet transfer carriers traveling in endless elongated paths and having grippers operable to take the sheets from their respective sheet transfer rotary carriers and transfer them to the grippers of their respective sheet delivery endless carriers while said sheet transfer endless carrier grippers are traveling in right lines between the ends of their sheet transfer endless carriers, the sheet transfer endless carriers extending from points beneath their sheet transfer rotary carriers to points beneath their sheet delivery endless carriers.

2,128,982
PACKAGE MAKING MACHINE
Frederick E. Bickford, Rye, N. Y.
Original application September 21, 1934, Serial No. 744,928. Divided and this application August 17, 1937, Serial No. 159,463
18 Claims. (Cl. 93—39)



1. A machine for making containers of thin pliable material comprising a plurality of hinged sections parallel to one another, means for applying thin pliable container forming material to said sections, means for causing said material to be held to said sections, and means for turning up said sections to form a polygonal container of said material.

2,128,983
AIRCRAFT POWER PLANT CONTROL
Werner J. Blanchard, Kenmore, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation, a corporation of New York
Application March 26, 1935, Serial No. 13,031
5 Claims. (Cl. 170—135.6)



1. In aircraft including a plurality of substantially similar power plants each comprising a supercharged internal combustion engine and a power driven controllable pitch propeller including electrical control means therefor; a unitary device including an expansible diaphragm connected to the intake manifold of each engine, a switch arm operated by each diaphragm, a common contact carrier for all said arms having contacts connected to respective propeller control means for effecting pitch change of the propellers in response to arm contacts due to changes in manifold pressure, and single adjusting means for said carrier whereby the effect of manifold pressure change on propeller adjustment is effected simultaneously for all power plants.

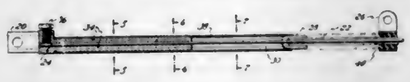
2,128,984
TREATMENT OF STILL RESIDUE
William H. Carmody, Dayton, Ohio, assignor to The Neville Company, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application January 24, 1935, Serial No. 3,291
5 Claims. (Cl. 260—7)

1. The herein described method of treating still residues resulting from the distillation of crude solvent naphtha and containing indene polymers the terminal units of which contain a cyclopentadiene ring, which comprises subjecting a solution of said residues to gaseous hydrogen in the presence of an active nickel hydrogenation catalyst for hydrocarbons under such conditions of temperature and pressure as to saturate a double bond of said terminal unit cyclopentadiene rings of indene polymers present in said residue but with minimized and noncommensurate introduction of hydrogen into the aromatic ring structure of said terminal units of the resin polymers and thereby stabilizing said units against reactions resulting in color formation in the resin.

2,128,985
TREATMENT OF HEAVY OIL
William H. Carmody, Dayton, Ohio, assignor to The Neville Company, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application January 28, 1935, Serial No. 3,890
4 Claims. (Cl. 260—7)

1. The herein described method of treating heavy oil comprising lower polymers of coumarone and indene and recovered separately from the more highly polymerized coumarone-indene bodies produced by polymerization of the polymerizable bodies in crude solvent naphtha, in which heavy oil a cyclopentadiene structure is present in the terminal unit of indene polymers, to eliminate a double bond outside the aromatic ring in said terminal units and thereby to stabilize the terminal units of the indene polymers against reactions resulting in color formation in said heavy oil, which method comprises subjecting said heavy oil as a sole substance susceptible to hydrogenation to gaseous hydrogen in the presence of an active nickel hydrogenation catalyst for hydrocarbons and with agitation under conditions of temperature and pressure such as to effect saturation of the double bond of said terminal unit cyclopentadiene structure throughout substantially the entire body of said heavy oil without commensurate introduction of hydrogen into the aromatic rings of said terminal units.

2,128,986
FLEXIBLE CONTROL TERMINAL
Roland Chilton, Ridgewood, N. J., assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J., a corporation of New York
Application February 15, 1936, Serial No. 64,046
12 Claims. (Cl. 74—501)



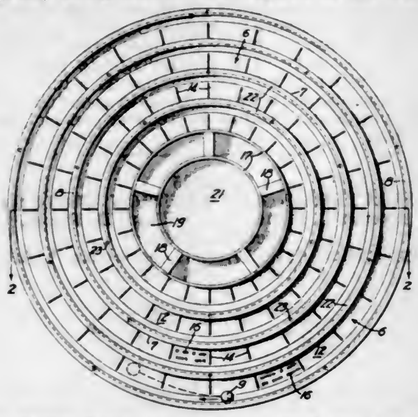
1. A remote control including in combination, a tubular conduit, a wire slidable therein, a telescoping fork secured to an end of the conduit and slidably embracing said wire, a second fork telescopically engaging the first and engaging the wire, means clamping the second fork for sliding with the wire, and means connecting said second fork to a means to be controlled.

2,128,987
MOTOR FUEL
Leo M. Christensen, Atchison, Kans., assignor to The Chemical Foundation, Incorporated, a corporation of Delaware
No Drawing. Application January 26, 1937, Serial No. 122,477
9 Claims. (Cl. 44—9)

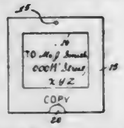
1. That method of denaturing power alcohol which comprises dissolving in the alcohol a number of alkyl isonitriles, in a quantity sufficient only to render the alcohol unpotable, certain of which isonitriles boil above and certain of which boil below ethyl alcohol.

2,128,988
GAME BOARD
John Russell Christian, Martinez, Calif.
Application April 2, 1937, Serial No. 134,584
3 Claims. (Cl. 273—138)

1. A game board comprising a disk of material having a circular channel in a surface thereof, there being a circular groove in the bottom of said channel, a chart of sheet material removably disposed in and substantially filling said groove, means secured to said disk for retaining said chart in said groove and for dividing said chart into a plurality of defined sections, said means terminating short of the outer periphery of said channel to provide an unobstructed passageway along said outer periphery of the channel along which an indicator capable of entering said defined chart sections may be moved.



2,128,989
BOOKLET CALENDAR
Rawson P. Dickerson, East Orange, N. J.
Application December 22, 1936, Serial No. 117,143
2 Claims. (Cl. 40—119)



1. A booklet calendar, comprising a supporting member adapted to fold substantially midway of its length, a pad of leaves carried upon the lower half, and a retaining flap at the top and foldable over the upper half of said supporting member, the said flap being provided with a window to expose and to frame matter imprinted on the underface of a leaf of the pad when the latter is turned upwardly over the front face of the said upper half and to retain said leaf in its raised position, and said flap being perforated below the window to register when folded over the upper half of the supporting member with a similar perforation therein and with similar perforations located at the bottom of the leaves composing the pad when a said leaf is turned upwardly over the front face of the said upper half.

2,128,990
ELECTRICAL CONDENSER
William Dubilier, New Rochelle, N. Y., assignor to Dubilier Condenser Corporation, New York, N. Y., a corporation of Delaware
Application September 26, 1931, Serial No. 565,213
15 Claims. (Cl. 175—41)



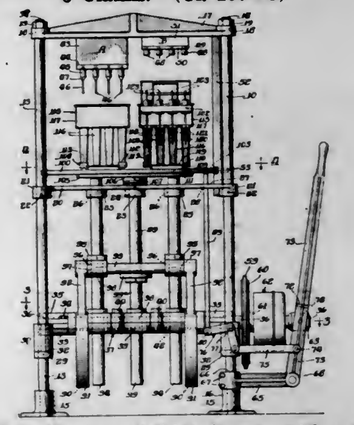
1. A rolled condenser comprising a compact body of rolled up strips of foil and insulation, a protective wrapper for said body, and a plurality of wire terminals passing through a fold of said wrapper, each of said terminals being bent upon itself and wound into the condenser with the wrapper.

2,128,991
WRENCH DEVICE
David T. Eighmey, Jamaica, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application September 12, 1936, Serial No. 100,462
1 Claim. (Cl. 81—64)



A wrench device comprising a work engaging loop strap, a bar holding end portions of said strap, a handle pivotally mounted on said bar, a long straight spring bar attached at one end to said bar and engaged at its free end by a free end of said handle, a finger portion on said handle extending adjacent said bar and movable relative to said bar, a stop on said bar, said stop extending into the path of movement of said finger portion and pressure indicating means on said bar and on said finger portion to indicate by their relative positions the pressure applied through the wrench to the work piece engaged by said loop strap.

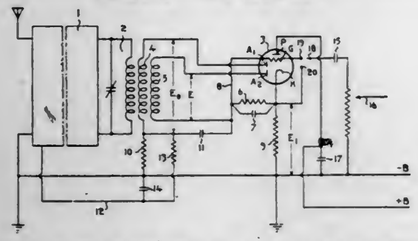
2,128,992
MACHINE FOR PRODUCING FROZEN CONFECTIONS
Edwin L. Elwell, Baltimore, Md., assignor to Eskimo Pie Corporation, Brooklyn, N. Y., a corporation of Delaware
Application November 2, 1935, Serial No. 47,943
6 Claims. (Cl. 107—8)



1. A confection machine for use with a frozen confection mold and a stick rack, comprising a plurality of fixed punches in positions corresponding to the positions of confections in such mold, a table to receive such mold beneath said punches, means to lift said table to drive such confections onto said punches, such stick rack being seatable over said mold and carrying sticks positioned above the holes made in such confections by said punches, and a plurality of blocks fixed in positions away from said punches and corresponding to the positions of said punches, said table being movable to position such mold, rack, confections and sticks beneath said blocks, and said lifting

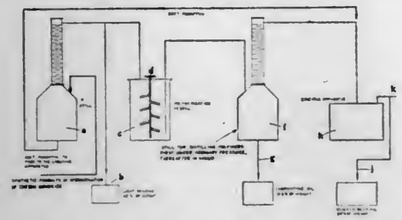
means lifting such confections and sticks in such mold and rack to press said sticks against said blocks and drive said sticks into the holes in such confections.

2,128,993
RADIO RECEIVING SYSTEM
Paul O. Farnham, Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application October 11, 1933, Serial No. 693,176
7 Claims. (Cl. 250—20)



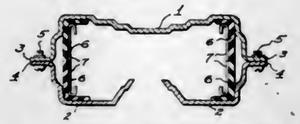
2. In a radio receiver, the combination with a radio amplifier, of a tube including the elements of two diode rectifiers and an amplifier, input circuit means coupling said tube to said radio amplifier to impress amplified radio voltages across each of said diodes, an output network for said diodes including means across which audio and direct current voltages are developed, an audio output circuit for the amplifier elements of said tube, circuit connections for impressing upon certain of the said amplifier elements the audio frequency voltage developed in said output network, and circuit connections for returning to said radio amplifier a gain control bias derived from and varying with the direct current voltage developed in said output network.

2,128,994
PROCESS FOR TREATING SYNTHETIC BENZINE PRODUCTS FROM HYDROGEN AND THE OXIDES OF CARBON
Franz Fischer and Herbert Koch, Mulheim-Ruhr, Germany, assignors to Studien- und Verwertungs-Gesellschaft mit beschrankter Haftung, Mulheim-Ruhr, Germany
Application July 10, 1935, Serial No. 30,624
In Germany July 19, 1934
2 Claims. (Cl. 196—50)



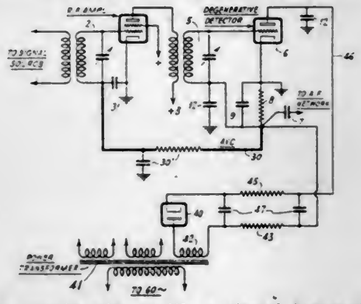
2. The process of producing knock-proof benzine and lubricating oil, which comprises passing watergas at about 200° C. and at about atmospheric pressure in contact with a hydrogenation catalyst, subjecting the reaction products to distillation at a temperature up to about 125° C., separating the distillate, continuing distillation up to about 250° C., heating the second distillate, after separation from the paraffinic residue obtained, under stirring in the presence of a polymerization catalyst to about 120° C., purifying the oil layer thereby obtained, distilling same at ordinary pressure up to 250° C., and continuing the distillation up to 200° C. under a high vacuum for the recovery of a third distillate and of a residue which is adapted for use as a lubricant, and cracking said third distillate together with said paraffinic residue to recover knock-proof benzine.

2,128,995
ELECTRICAL DISTRIBUTION SYSTEM
Lyman C. Fisher and William H. Frank, Detroit, Mich.
Application April 17, 1936, Serial No. 74,908
6 Claims. (Cl. 247—3)



1. For a duct run comprising two lengths of slotted tubular bus duct having bus bars extending beyond the ends of the lengths, a drop-out coupling member for coupling the duct lengths and for providing a means whereby the adjacent ends of the lengths may be removed from the line of the duct run and whereby a trolley within the duct run may be removed from the duct run at the coupling, the coupling member comprising a slotted tube whose cross section is slightly larger than that of the duct lengths whereby it may receive the duct lengths telescoped thereinto, with such lengths having their ends remote from each other, the member being split transversely between its slotted wall and the wall opposite thereto into complementary sections, one of which is removable from the other and comprises two separate side parts, the member having externally accessible means to secure the two separate parts of one of the complementary sections to the other of the complementary sections, the member having therein bus coupling means.

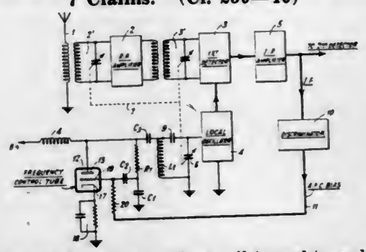
2,128,996
AUTOMATIC VOLUME CONTROL CIRCUITS
Dudley E. Foster, Morristown, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application June 30, 1936, Serial No. 88,076
9 Claims. (Cl. 250—20)



7. In combination with a signal transmission tube having input and output electrodes, a signal rectifier of the type including a tube having input and output electrodes, an impedance in the space current path of the rectifier tube, said impedance developing audio and direct current voltages,

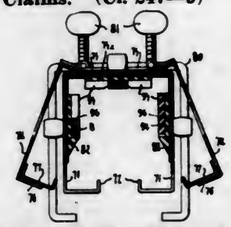
means impressing developed audio voltage between the rectifier input electrodes, and direct current voltage connections between the transmission tube input electrodes and spaced points on said impedance such that the direct current voltage developed between the points provides a gain control bias for said transmission tube.

2,128,997
AUTOMATIC FREQUENCY CONTROL CIRCUIT
Dudley E. Foster, South Orange, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application April 10, 1937, Serial No. 136,064
7 Claims. (Cl. 250—40)



4. In combination with a coil tuned to a desired frequency, a tube having connections thereto to have the cathode to plate impedance of the tube produce an inductance effect across the coil, a condenser in series with said impedance across the coil, said condenser resonating said inductance to a frequency below said desired frequency.

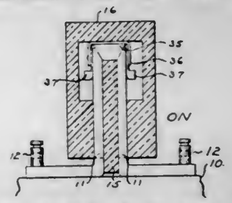
2,128,998
TROLLEY DUCT
Harrison J. L. Frank and William A. Harper, Detroit, Mich.
Application May 6, 1935, Serial No. 20,112
7 Claims. (Cl. 247—3)



1. In a sectional trolley duct run, continuous runs of bus and duct formed by standard bus duct sections joined end to end, and sectionalizing bus duct sections between continuous runs, the sectionalizing sections having gapped bus bar runs, the standard and the sectionalizing sections being of the same length so as to be freely interchangeable.

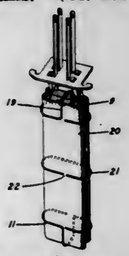
2,128,999
SWITCH
William H. Frank and Lawrence E. Fisher, Detroit, Mich.
Application January 16, 1936, Serial No. 59,379
18 Claims. (Cl. 200—151)

1. A switch including two adjacent stationary contacts, an insulation blade movable between and in substantially wiping engagement with them and provided with a contact positioned to engage and wipe a part of each stationary contact, the blade also carrying a second movable contact in the form of a U-shaped spring, electrically connected to the first blade contact and



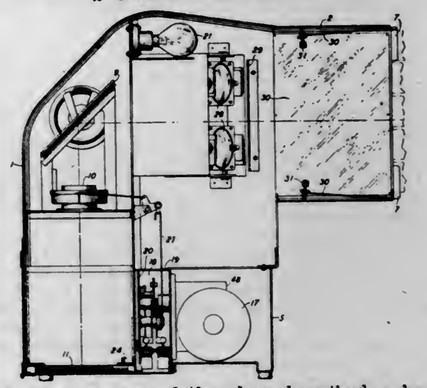
positioned to engage, wipe, and embrace the stationary contacts.

2,129,000
CONDENSER
Frederick J. Given, East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application October 20, 1934, Serial No. 749,224
5 Claims. (Cl. 175—41)



1. An electrical condenser comprising a condenser unit, a casing therefor, and means comprising a stiff member in the form of a U supporting said condenser unit from the bottom of said casing, and an integral stiff extension of said U extending substantially parallel to the bottom of said casing around the sides of said unit, said member and said extension being capable of withstanding without deformation the temperatures above the melting point of a sealing compound employed for sealing said unit in said casing.

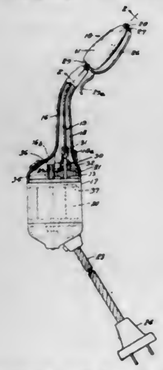
2,129,001
AUTOMATIC CAMERA
William R. Goehner, East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 24, 1936, Serial No. 117,484
2 Claims. (Cl. 240—2)



1. In a camera of the class described, a hood

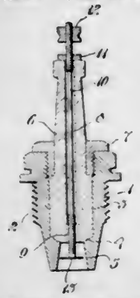
enclosing the field of the camera, means for illuminating the field of said camera comprising a plurality of light sources, and a plurality of opaque vignetting screens having rectangular comblike projections, located between said sources and said field, the projections diffusing the light projected on the central area of the field.

2,129,002
ELECTRIC TOOTH BRUSH
Jacob Gold, Los Angeles, Calif.
Application June 15, 1937, Serial No. 148,343
2 Claims. (Cl. 15—23)



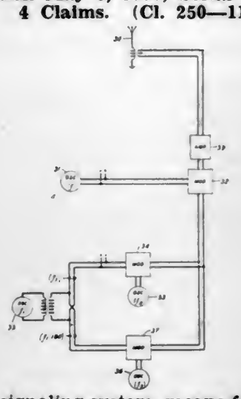
1. In a device of the kind described, a casing having an extension, a motor driven spindle carried by said extension, brush bristles carried by said spindle, and a mouth guard mounted loosely upon said spindle and extending from end to end of said brush bristles in a spaced relation alongside of them, said mouth guard having a laterally opening spring eye at each end mounted detachably upon said spindle.

2,129,003
SPARK PLUG
James Grant, Swan River, Manitoba, Canada
Application August 22, 1936, Serial No. 97,455
1 Claim. (Cl. 123—169)



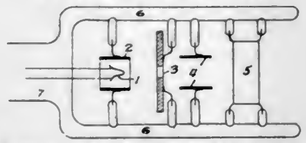
A spark plug for internal combustion engines comprising a metallic shell having a socket therein, an insulating core, a flared passageway having a smooth surface within said shell communicating with said socket, an electrode extending through said core and into said passageway, a circular member attached to said electrode within said passageway and concentric therewith, said electrode being threadably received by said core, permitting manual end-shifting thereof to vary the gap length between the surface of said passageway and said circular member.

2,129,004
RADIO SIGNALING
John W. Greig, deceased, late of Dayton, Ohio, by Ethel Margaret Greig, executrix, Seattle, Wash., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 8, 1937, Serial No. 141,573
4 Claims. (Cl. 250—11)



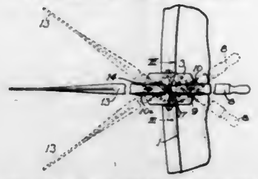
1. In a signaling system, means for modulating a carrier wave of a given high frequency with a wave of signal frequency and radiating it to establish a directional field in space, means for modulating each of two low-frequency carrier waves with waves of said signal frequency, said last-mentioned carriers differing in frequency, means for utilizing said low-frequency modulated carriers to modulate a carrier wave of said high frequency, means for radiating said last-mentioned modulated high-frequency carrier to establish in space a non-directional field, means for receiving said modulated high-frequency carrier waves and for demodulating them to obtain the signal frequency component of the directional field and the modulated low-frequency carrier waves of the non-directional field, means for selectively separating said low-frequency modulated carriers from each other and from said signal frequency component, means for demodulating both of said low-frequency carrier waves to obtain the respective signal components, and means for utilizing all of the signal frequency components thus obtained.

2,129,005
BRAUN TUBE
Erich Hudec, Berlin, Germany
Application March 26, 1934, Serial No. 717,296
In Germany April 8, 1933
5 Claims. (Cl. 250—27.5)



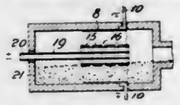
1. A Braun tube for television purposes comprising a pinch, two insulating rods secured to said pinch, a thermionic cathode having an emissive surface and being secured to said pinch, a control electrode, and an anode arranged in operative relationship to said cathode, said control electrode and said anode being each secured to, and located in exact axial alignment with respect to said emissive surface by, said two insulating rods.

2,129,006
FRONT FACING OARLOCK
Albert C. Kahn, Tomahawk, Wis.
Application August 31, 1936, Serial No. 98,655
3 Claims. (Cl. 9—25)



1. In a device of the class described, a fulcrum plate, an oar section pivoted to said plate, a second oar section, said fulcrum plate having a straight slot, a pivot bolt extending through said second oar section and through said slot and slidably pivoting said second section to said plate in spaced relation to the first section, shoes upon the adjacent ends of said sections, said shoes having parts in overlapping relation, said plate having an arcuate slot and a pivot bolt extending through said overlapping portions and through said arcuate slot and causing said pivot bolt to travel in an arcuate path.

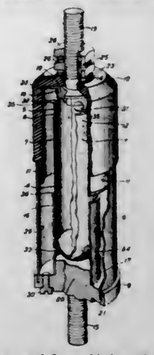
2,129,007
APPARATUS FOR ELECTRICALLY TREATING MATERIAL IN ROTARY FURNACES
Bo Michael Sture Kalling, Djursholm, and Nils Axel Verner Paulsson, Avesta, Sweden, assignors to A. Johnson & Co., Stockholm, Sweden, a company of Sweden
Application August 24, 1935, Serial No. 37,616
In Sweden September 4, 1934
1 Claim. (Cl. 13—21)



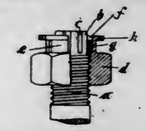
In an electrical heating apparatus, the improvement which comprises a generally horizontal, rotatable furnace, having inlet and discharge openings, means for rotating said furnace about its longitudinal axis, an outer electrode in the form of a hollow cylinder mounted adjacent the inner wall of said furnace, an inner electrode mounted within the furnace in spaced relation to the outer electrode and substantially in axial alignment with the discharge opening of the furnace, said inner electrode including a plurality of electrically connected sections spaced longitudinally of the furnace, said inner and outer electrodes forming a cylindrical chamber through which material to be heated may pass, means for passing a charge of material through said cylindrical chamber, and means for passing an electric current between the electrodes.

2,129,008
CONDENSER
Joseph A. Kater, Teaneck, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 20, 1936, Serial No. 80,779
1 Claim. (Cl. 175—41)

In an electrical condenser mounted in a casing, a condenser unit comprising a metal coated dielectric tube, a pair of terminals therefor, a thin metal cylinder inside said tube and in contact therewith and another thin metal cylinder outside said tube and in contact therewith, and means including said thin metal cylinders for resiliently mounting said unit in the casing and for making contact between the metal coatings and said terminal members.



2,129,009
NUT LOCKING DEVICE
Hans Kriwat, Brunswick-Gliesmarode, Germany
Application June 11, 1936, Serial No. 84,708
In Germany September 14, 1935
5 Claims. (Cl. 151—29)

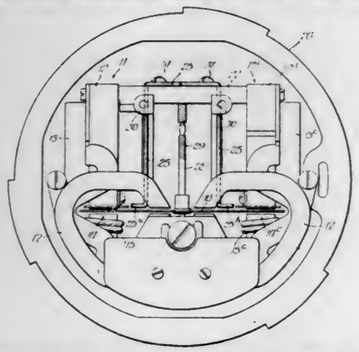


1. A nut locking device comprising in combination a screw threaded bolt, a non-threaded extension on said bolt having a plurality of longitudinal flutes distributed around its periphery, and of a diameter corresponding to that of the bolt at the base of the thread, a screw threaded nut, a tubular non-threaded extension on the outer end of said nut, said extension having an internal diameter equal to that of the bolt at the apex of the thread and a plurality of slots distributed around its periphery, an outwardly directed flange on the outer end of said nut extension having apertures registering with the slots therein, a locking element, adapted to be inserted in the space formed between the inner surface of said nut extension and the periphery of said bolt extension and to bear against a portion of the periphery of said bolt extension, a nose formed on said locking element adapted to engage in one of the longitudinal flutes in said bolt extension, and flexible arms formed on said locking element adapted to extend through one of the longitudinal slots in said nut extension and to wrap around the outer side of said nut extension in opposite directions between said flange and the outer end of said nut.

2,129,010
POLYPHASE WATT-HOUR METER CONSTRUCTION
Fred Kurz, Springfield, Ill., assignor to Sangamo Electric Company, Springfield, Ill., a corporation of Illinois
Application April 12, 1937, Serial No. 136,337
6 Claims. (Cl. 171—264)

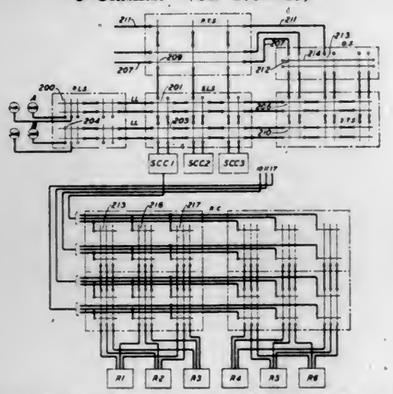
1. In a polyphase induction watthour meter, in combination, a rotatable disc, a plurality of

induction watthour meter units cooperating with said disc for applying torque thereto, and means magnetically bridging between said units in such



manner that the torque applied to said disc by the interaction of said units is substantially reduced.

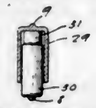
2,129,011
TELEPHONE SYSTEM
Frederick R. Lamberty, Brooklyn, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application September 9, 1936, Serial No. 99,919
5 Claims. (Cl. 179—18)



1. In a telephone system a first switch, a second switch, links appearing in both of said switches, subscribers' lines, trunks, means for establishing a connection between a calling subscriber's line and a called subscriber's line over links through said first switch, means for establishing a connection from a subscriber's line to a trunk over a link through said other switch including a temporary connection through said first switch for the link used, and means for establishing a connection from a trunk to a subscriber's line over a link through said other switch.

2,129,012
AUTOMATIC SPRINKLER
Leroy M. Lewis, Rosemont, Pa.
Application August 25, 1936, Serial No. 97,748
4 Claims. (Cl. 169—39)

2. A collapsible element for use in the collapsible strut assembly of an automatic sprinkler, said element comprising a cylinder and piston arrangement for maintaining the strut assembly in a non-collapsed position, said cylinder and piston being collapsible to cause collapse of the strut assembly, said cylinder being of transparent



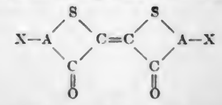
quartz, and a fusible disc in said cylinder against which the piston engages, said fusible disc being provided with indicia for indicating the temperature at which the disc fuses.

2,129,013
COPPER MONOCHLOROPHTHALOCYANINE AND A PROCESS OF MAKING IT
Reginald Patrick Linstead, London, and Charles Enrique Dent, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application May 14, 1936, Serial No. 79,816
4 Claims. (Cl. 260—314)

4. A coloring matter of the phthalocyanine series containing at least as a major part thereof a compound of the empirical formula $C_{32}H_{15}N_8ClCu$.

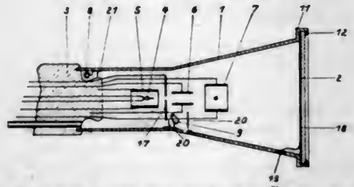
2,129,014
DYESTUFFS OF THE ANTHRACENE SERIES
Frank Lodge and Colin Henry Lumsden, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application January 13, 1933, Serial No. 651,623. In Great Britain January 29, 1932
16 Claims. (Cl. 260—243)

1. Thioindigoid compounds of the formula



wherein A represents identical radicals of the anthracene series to which the thiophene groups are linked in the 1.2-1'.2' positions and X in both cases represents identical substituents in corresponding alpha positions of the benzene rings of the anthracene nuclei remote from the benzene rings to which the thiophene groups are attached.

2,129,015
BRAUN TUBE
Siegmund Loewe, Berlin, Germany
Application March 14, 1933, Serial No. 660,642
In Germany March 17, 1932
13 Claims. (Cl. 250—27.5)



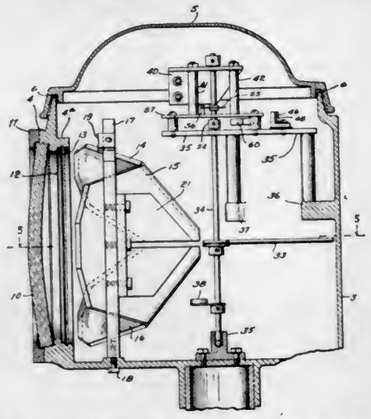
1. A Braun tube comprising an enclosing envelope consisting of a metallic tube furnished at the whole of its outer surface with a thin, coherent, vacuum-proof coating, a stem supporting a cathode, an anode and electrodes for controlling the intensity of the cathode ray, electrodes for concentrating the ray and electrodes for deflecting the ray, said stem being connected to one end of said tube, said electrodes projecting into said tube, the other end of said tube being provided with a flange, and a planar plate of glass arranged in said flange, said plate of glass being coated on its side facing said tube with a fluorescent substance, a layer of vacuum-proof material coating the connection between said tube and said stem and a further layer of vacuum-proof material coating the connection between said flange and said glass plate.

2,129,016
MULTIGRID TUBE
Siegmund Loewe, Berlin, Germany
Original application June 16, 1933, Serial No. 676,039. Divided and this application December 5, 1935, Serial No. 52,952. In Germany June 18, 1932
1 Claim. (Cl. 250—27.5)



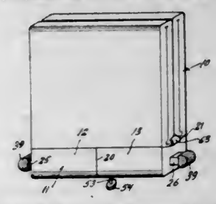
A twin grid for electronic tubes consisting of two equal and symmetrically arranged semicylindrical grids, either of the grids consisting of a wire shaped in semicircle-formed zig-zags, the pitch of the zig-zags increasing along the axis of the grids.

2,129,017
REFLECTING UNIT
Richard W. Luce, Westfield, N. J., assignor to Signal Service Corporation, a corporation of Delaware
Application December 18, 1934, Serial No. 758,026
3 Claims. (Cl. 177—329)



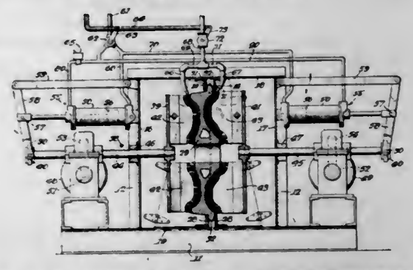
2. A light-reflecting autocollimating unit comprising a triple reflector for reflecting light falling thereon back in the general direction of the incident rays, the reflector having a slot therethrough, a movably mounted opaque light screen for interrupting the rays of light positioned to enter the slot in the reflector and interrupt the light rays therein, means for moving the light screen into and out of light-interrupting position within the reflector, and means biasing the light screen to the non-light-interrupting position.

2,129,018
POCKET WALLET PROTECTOR
Paul M. Martini, Jr., Maspeth, N. Y.
Application December 7, 1937, Serial No. 178,442
7 Claims. (Cl. 24—3)



1. A theft and loss preventing device for an article adapted to be carried in the pocket of a garment, comprising a casing adapted to be detachably secured to a part of said article and wholly outside thereof, a channel guide within said casing and engaging the ends thereof, a slide bar extending into each end of said channel guide and projecting outwardly of each end of said casing, a latch mechanism carried by said channel guide and cooperating with the adjacent ends of said slide bars to lock the same against outward movement when in their innermost position, a pair of springs surrounding the channel guide one on each side of said latch mechanism and each engaging a slide bar to move the same outwardly of said casing, and a plunger extending outwardly of said casing operatively connected to said latch mechanism for moving the same to affect the release of said slide bars from their locked position when said article is completely placed within said pocket.

2,129,019
WHEEL CLEANING AND DUST ALLAYING DEVICE
Daniel C. Mulvihill, Hannibal, Mo., assignor to Hannibal Car Wheel and Foundry Company, a corporation of Missouri
Application August 2, 1934, Serial No. 738,037
3 Claims. (Cl. 15—21)



3. In a device of the class described, means for automatically positioning and holding an article while the same is being operated upon, means for operating on said article, said latter means normally causing siliceous material to be projected into the air from said article while operating on the same, a control for said latter means, means for spraying water onto said material for preventing its diffusion in the surrounding atmosphere during said operation, a control inde-

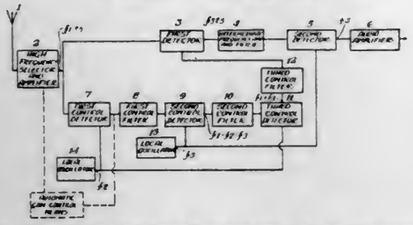
pendent of the operation of said first-named control for said last-named means, and means for simultaneously operating said controls.

2,129,020

MODULATED CARRIER WAVE RECEIVER

Francis Money Graham Murphy, Chelmsford, England, assignor to Radio Corporation of America, a corporation of Delaware

Application April 8, 1936, Serial No. 73,286
In Great Britain April 10, 1935
5 Claims. (Cl. 250—20)



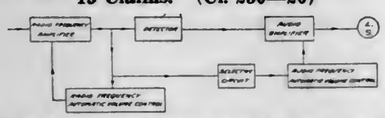
1. A single sideband receiver of a frequency changing type and adapted for use in cooperating with a single sideband transmitter which also transmits supplemental carrier energy, said receiver comprising a high frequency selecting apparatus, a frequency changing detector and a demodulating detector connected to said high frequency selecting apparatus, a first and a second local oscillator having different frequency outputs, the first local oscillator having its output coupled to said demodulating detector, and the second local oscillator having its output coupled to control detectors and control filters to beat a received supplementary carrier frequency to a frequency which is mixed with local oscillations from the first local oscillator to produce a further frequency which is in turn mixed with oscillations from the second local oscillator to produce a still further frequency differing from the frequency of the first local oscillator by an amount equal to the received carrier frequency, the further frequency being employed as the local oscillation frequency for the received frequency at a detector.

2,129,021

AUTOMATIC VOLUME CONTROL

Madison G. Nicholson, Jr., East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware

Application November 25, 1931, Serial No. 577,235
15 Claims. (Cl. 250—20)



6. In a radio receiver provided with at least a high frequency signal amplifier, a demodulator, a demodulated signal amplifier and a control arrangement, responsive to variations in signal intensity level, for adjusting the gain of said first amplifier in such a manner that the signal input level to the demodulator is substantially constant, a second control arrangement, including a rectifier coupled to said first amplifier for developing a control bias potential, for rendering the said second amplifier inefficient when the gain of the first amplifier increases above a predetermined level, and said second control arrangement including a highly selective network resonant to an operating signal frequency and which is independent of said first control arrangement.

2,129,022

DOUBLE EDGED SAFETY RAZOR

Walter Osberghaus, Solingen, Germany

Application August 28, 1934, Serial No. 741,835
In Germany April 6, 1933
1 Claim. (Cl. 30—49)



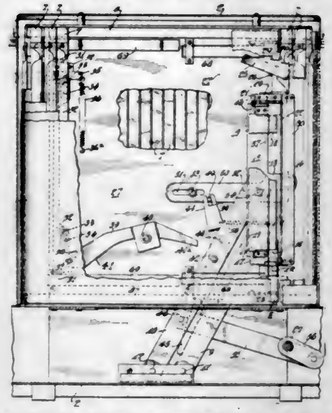
A safety razor comprising a cap, a guard, and means for clamping a blade between the cap and the guard, the cap having wedge-shaped sides, the ridge of each wedge being defined by a line extending from the top at one end of the cap to its base at the other end, and the upper ends of the two wedges being defined by a pair of parallel lines extending from opposite ends of the top of the cap at an angle to its sides.

2,129,023

DISPLAY DEVICE

Charles Roberts, New York, N. Y., assignor to Multiposter Advertising Corporation, New York, N. Y., a corporation of New York

Application May 28, 1938, Serial No. 210,554
16 Claims. (Cl. 40—36)



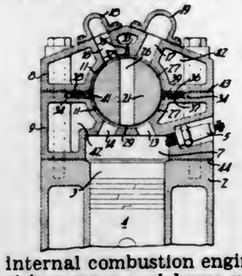
1. In a display device containing a show window and comprising a plurality of overlapping displays movably restrained in a closed circuit, said displays compacted in a portion of said circuit, a motor driven oscillating mechanism, latching means on said oscillating mechanism, means to maintain said latching means parallel with the edge of said displays movably restrained in said circuit, means to lock said displays when compacted in a portion of said circuit including that portion opposite said window and synchronizing means to unlock said display locking means as and when said oscillating mechanism is at one of its extreme oscillating positions.

2,129,024

VALVE MECHANISM FOR INTERNAL COMBUSTION ENGINES

Richard S. Reynolds, San Jose, Calif., assignor of one-half to J. & A. Sales Co., a co-partnership composed of John Facchino and Albert Giannotti

Application March 25, 1936, Serial No. 70,859
7 Claims. (Cl. 123—59)



1. In an internal combustion engine, a cylinder head comprising upper and lower matching sections mounted upon the cylinder block of an engine over the cylinders thereof, intake and exhaust ports in the head, a valve rotor mounted in the head and having transverse passages communicating with the intake and exhaust ports during predetermined intervals of engine operation, means for rotating the rotor in timed relation to the movement of pistons within the engine cylinders, and apertured compression plates surrounding the ports, said plates being seated in pairs in recesses in the head sections and engaging the valve rotor, and oil fittings mounted in the head for delivering oil under pressure to the rotor along substantially the full lengths of the compression plates.

2,129,025

INSECTICIDE

Alfred Riecke, Wolfen, Kreis Bitterfeld, and Hans Maier-Bode and Wolfgang Eckardt, Dessau in Anhalt, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application November 6, 1936, Serial No. 109,548. In Germany December 7, 1935
8 Claims. (Cl. 167—22)

1. An insecticide containing a halogenated ketal.

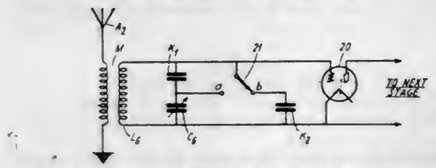
5. An insecticide comprising a halogenated ketal and an acid-binding agent.

2,129,026

TUNING RANGE ADJUSTMENT DEVICE

Walter van B. Roberts, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Original application March 9, 1933, Serial No. 660,124. Divided and this application February 14, 1936, Serial No. 63,825
2 Claims. (Cl. 250—40)



1. A resonant network comprising a variable condenser and coil that tune over a wide frequency range, which wide range includes a narrow frequency range, the mid-frequency of said narrow range being secured by adjustment of the variable condenser to a capacity C_m, a fixed condenser K_1 in series with said first condenser, and a fixed condenser K_2 in shunt with said first condenser, means for selectively disconnecting the condenser K_2 from across the first condenser and shorting condenser K_1, the capacity of condenser K_1 being chosen smaller than capacity C_m, and there existing the following relation

$$K_2 = \frac{C_m^2}{K_1 + C_m}$$

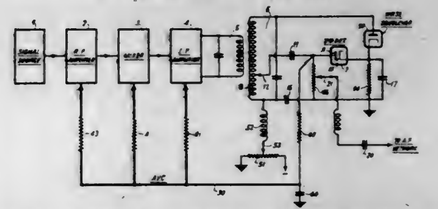
whereby the resonant frequency is the same for both switch positions, but the range of tuning is very much less with the condensers K_1 and K_2 in circuit.

2,129,027

RECEIVER NOISE LIMITING CIRCUIT

Walter van B. Roberts, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application May 19, 1936, Serial No. 80,497
7 Claims. (Cl. 250—20)



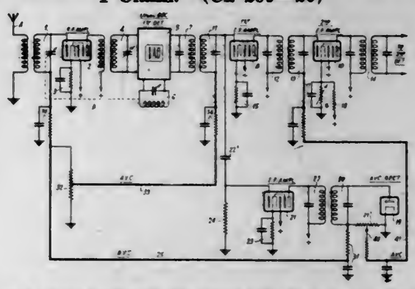
7. In a rectifier network, a diode, means for supplying alternating signal voltage to the latter, a second diode, means for supplying to the second diode an alternating signal voltage proportional to, but greater than, the voltage supplied to the first diode, means for applying to said second diode a direct current bias voltage greater than the peak alternating signal voltage which is supplied to said second diode, and means for biasing the first diode anode negative with respect to its cathode in proportion to the direct current component of current flowing through the second diode in response to interfering voltage of an amplitude greater than said signal voltage peak.

2,129,028

AUTOMATIC GAIN CONTROL CIRCUIT

Walter van B. Roberts, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application June 23, 1936, Serial No. 86,722
1 Claim. (Cl. 250—20)



In a receiving system provided with a plurality of signal transmission tubes arranged in a cascade network, manually adjustable means electrically associated with the last of said tubes for establishing the tube gain at a predetermined value related to a desired signal amplitude, automatic

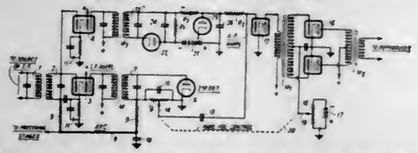
volume control means having a signal input circuit connected to an intermediate point in said cascaded tube network, an impedance electrically associated with said control means for developing thereacross a direct current voltage which varies in accordance with signal amplitude variation, a direct current voltage connection between a point on said impedance and a gain control electrode of at least one of the tubes preceding said intermediate point, a second direct current voltage connection between a gain control electrode of said last tube and a point on said impedance, and means for selecting at will the point of connection to the impedance of said second direct current voltage connection whereby there may be adjusted the rate of reduction of gain of said last tube with increase in signal amplitude, said manually adjustable means and said selecting means having gain control adjusting ranges such that the receiver response to signals of different amplitudes may be varied widely at the will of the receiver operator.

2,129,029

AUTOMATIC NOISE SUPPRESSION CIRCUITS

Walter van B. Roberts, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application June 27, 1936, Serial No. 87,608
9 Claims. (Cl. 250—20)



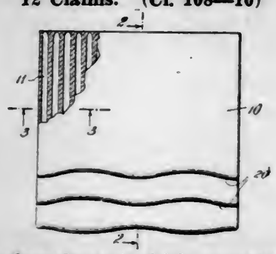
4. In a superheterodyne receiver of the type including a source of intermediate frequency energy, a diode rectifier and an audio amplifier, a fixed source of bias for said audio amplifier sufficient to cut off its action entirely, means in circuit with said diode for developing a voltage to reduce the effective bias on said audio amplifier to a suitable value for efficient operation, and additional means in electrical circuit with said rectifier and audio amplifier input electrodes and responsive to an excessive increase in said reducing voltage for preventing said effective bias from being reduced appreciably below said suitable value in the presence of strong signals.

2,129,030

ROOFING ELEMENT

Thomas Robinson, Smithtown, N. Y., assignor to Lancaster Processes Inc., New York, N. Y., a corporation of New York

Application November 25, 1936, Serial No. 112,647
12 Claims. (Cl. 108—10)



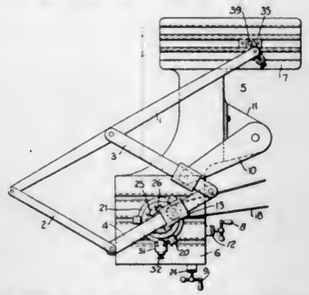
1. A roofing element which comprises a platelike body of hardened plastic material provided with a series of spaced parallel air chambers within it between the faces thereof, said body having a depression extending across it adjacent one end thereof, portions of the chambers lying between said end and the depression.

2,129,031

METHOD OF AND MEANS FOR GRINDING AND POLISHING SPROCKET TEETH

Ernest Ross, Elmhurst, Long Island, N. Y., assignor to United Research Corporation, Long Island City, N. Y., a corporation of Delaware

Application April 24, 1935, Serial No. 17,892
9 Claims. (Cl. 51—33)



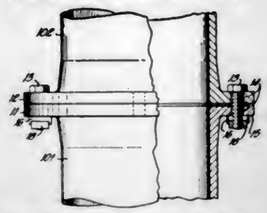
5. In a system for lapping the teeth of film driving sprockets comprising a pantograph arrangement, means for mounting a grinding tool on one portion of said pantograph, means for mounting a sprocket tooth ring in a position to be acted upon by said grinding tool, and a pivoted arm connected to another portion of said pantograph for oscillating said tool about said sprocket teeth.

2,129,032

SECTIONAL HYDRANT OR THE LIKE AND BREAKABLE CONNECTION THEREFOR

Ellis L. Rowe, Round Lake, and Eric A. Rutledge, North Troy, N. Y., assignors to Rensselaer Valve Company, Cohoes, N. Y., a corporation of New York

Application September 18, 1937, Serial No. 164,504
3 Claims. (Cl. 285—130)



1. In combination with a barrel for a hydrant or the like comprising two sections disposed end to end and provided with respective abutting flanges having registering openings and a bolt passing through said openings, of a frangible block supported at opposite ends only against the adjacent flange whereby said frangible element is unsupported at its intermediate portion.

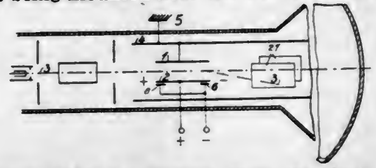
2,129,033

CATHODE RAY TUBE

Kurt Schlesinger, Berlin, Germany, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany

Application October 20, 1934, Serial No. 749,235
In Germany October 23, 1933
6 Claims. (Cl. 250—27.5)

1. A Braun tube comprising means for producing a cathode ray, means for controlling the intensity of the cathode ray, means for concentrating the cathode ray, a picture receiving screen, two deflecting plates, a metallic cylinder surrounding said deflecting plates, means for connecting one of said plates with said cylinder, and two auxiliary electrodes, each of said electrodes being mounted near one end of the second



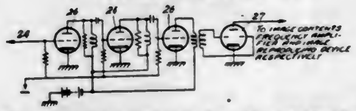
deflecting plate and spaced from the first said plate to a distance of the same order of magnitude as the distance between said two plates, each of said auxiliary electrodes being adapted to be supplied with an auxiliary voltage having the same amplitude as the deflecting voltage but reverse phase.

2,129,034

WIRELESS TELEVISION RECEIVER FOR TALKING TELEVISION PICTURES

Kurt Schlesinger, Berlin, Germany, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany

Application February 8, 1935, Serial No. 5,575
In Germany February 9, 1934
7 Claims. (Cl. 250—9)



1. In an arrangement for the reception of a television picture band of a certain image carrier frequency modulated with picture contents frequencies and for the simultaneous reception of an accompanying sound band of a different carrier frequency modulated with sound frequencies, comprising an aerial circuit for simultaneously receiving both said carrier waves, an oscillator tunable to a frequency lying between said two carriers for heterodyning with these carriers thus obtaining two intermediate frequencies modulated with picture contents frequencies and sound frequencies respectively, an amplifier for common amplification of both said intermediate carrier frequencies, and comprising means for separating said two intermediate frequencies, separate rectifying means and separate amplifying means for rectifying said image contents frequency band and said sound frequency band, the spacing between said oscillator frequency and said sound carrier frequency being at least equal to the maximum image frequency occurring in said image contents frequency band and the spacing between said image carrier frequency and said oscillator frequency being at least twice to three times the maximum image contents frequency occurring in said image contents frequency band.

2,129,035

TELEVISION TRANSMITTER

Kurt Schlesinger, Berlin, Germany, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany

Application November 1, 1935, Serial No. 47,789
In Germany November 2, 1934
1 Claim. (Cl. 178—7.1)

In a television transmitter for transmitting film images according to the interlaced line method comprising a scanning disc provided with a spiral of apertures having two turns, a spiral aperture disc rotating at half the speed of the scanning disc and uncovering at once one of said apertures, a photo-cell arranged in operative relationship thereto, and means for projecting an image of the film to be transmitted onto said scanning disc; means for simultaneously projecting a light margin of great brightness onto said disc close to one radial edge of said image projection and outreaching said edge, two circumferential scanning slits in said disc having a tangential distance one from another corresponding to exactly the half of an image line and being arranged outside the area of the image projection so as to obtain frame change impulses by the same said photo-cell when said margin is passed by said slits, and two windows in said rotating diaphragm so arranged as to expose alternately one of said circumferential slits.

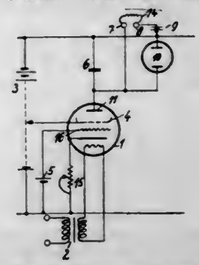


2,129,036

TILTING APPARATUS

Kurt Schlesinger, Berlin, Germany, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany

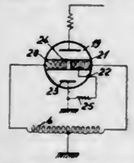
Original application July 11, 1933, Serial No. 679,866. Patent No. 2,053,536, dated September 8, 1936. Divided and this application January 13, 1936, Serial No. 58,952. In Germany July 15, 1932
1 Claim. (Cl. 250—36)



A generator for producing relaxation oscillations of saw tooth form with rectilinear rise comprising a direct current source, a condenser, an electronic valve for charging periodically said condenser with a constant current intensity having cathode, control grid, screening grid and anode and a discharge tube for discharging periodically said condenser, a second D. C. potential source for biassing said control grid with respect to said cathode and a variable resistance, one electrode of said condenser being connected to the positive terminal of said source and to one electrode of said discharge tube, the other electrode of said condenser being connected to said anode and to the second electrode of said discharge tube, said cathode being connected over said resistance to the negative terminal of said source, said screening grid being connected to a tapping point of said source below said anode potential, one terminal of said second potential source being connected to the negative

terminal of said first potential source, the other terminal of said second potential source being connected to said control grid.

2,129,037
DETECTOR
Kurt Schlesinger, Berlin, Germany, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany
Original application November 7, 1934, Serial No. 751,927. Divided and this application June 5, 1936, Serial No. 83,704. In Germany November 10, 1933
3 Claims. (Cl. 250—27)



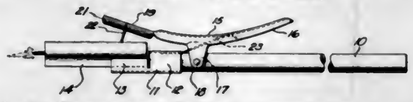
1. A push-pull grid-current detector arrangement, more particularly for television purposes comprising a detector valve having two separate grids connected in push-pull, and a secondary of an input transformer, said two grids being arranged with the same amplification factor opposite a common cathode which is directly earthed and being insulated from the inner electronic discharge space by an insulating coating and furnished with a conductive coating arranged on the insulating coating, and common to both grids, the ends of said secondary being earthed in its midpoint and connected directly to the grids, said conductive coating being connected to the cathode of said valve.

2,129,038
MATTRESS AND SPRING ASSEMBLY THEREFOR
Anthony J. Schob, Chicago, Ill., assignor to Nachman Spring-Filled Corporation, Chicago, Ill., a corporation of Illinois
Application July 22, 1936, Serial No. 91,835
2 Claims. (Cl. 5—351)



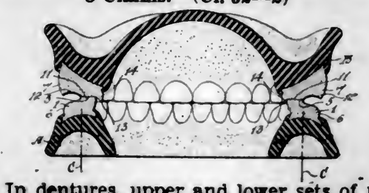
2. A mattress comprising a conventional spring assembly, cover pads for same of greater length and width than said assembly secured to the latter and equipped with stitch chains extending laterally and longitudinally of same for retaining the component fibres of said pad against relative displacement, said stitch chains including marginal ones disposed substantially flush with the periphery of said spring assembly and spaced from the peripheral edges of said pad, strips of fabric secured along their inner edge portions by said last-named stitch chains to the faces of said pad opposed to the spring assembly and having outer edges extending outwardly from the peripheral edges of the latter, the marginal edge portions of said cover pads being folded over upon the body portions thereof along said marginal stitch chains and secured in said folded position, said outer edge portions of said strips being adapted to be secured to and between the meeting edge portions of the boxing strip and cover fabrics of a completed mattress into which said spring assembly is incorporated.

2,129,039
DEVICE FOR HOLDING FIRECRACKERS AND THE LIKE
Robert E. Schooley, Buffalo, N. Y.
Application March 19, 1937, Serial No. 131,899
3 Claims. (Cl. 102—22)



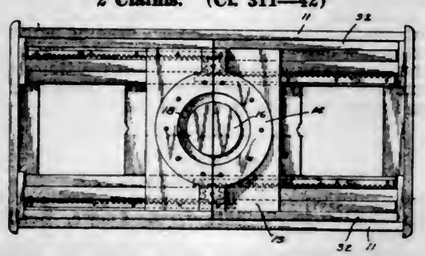
1. A firecracker holder comprising a stick adapted to be held in the hand, a metallic ferrule disposed on the end of the stick, said ferrule having a trough portion extending beyond the end of the stick, a clip member pivotally mounted on the stick adjacent the ferrule, said clip having a forwardly extending portion overlying trough portion of the ferrule, a downwardly struck tongue on said extending portion adapted to engage a firecracker disposed in said trough portion, and a spring disposed under the clip to urge said forwardly extending portion toward said trough.

2,129,040
ARTIFICIAL TEETH
Victor H. Sears, New York, N. Y., assignor to Universal Dental Company, Philadelphia, Pa., a corporation of Pennsylvania
Application January 5, 1934, Serial No. 705,352
8 Claims. (Cl. 32—2)



1. In dentures, upper and lower sets of molar teeth the complemental upper and lower teeth of which at each side of the dentures have non-contacting pseudo-occlusal surfaces at the buccal sides of the crests of the ridges and occlusal surfaces formed to contact in occlusal position wholly upon the lingual sides of the crests or apices of the ridges simultaneously at both sides of the dentures.

2,129,041
TABLE DEVICE
James C. Allred, Jamestown, N. C., assignor to Tomlinson of High Point, Guilford County, N. C.
Application September 30, 1937, Serial No. 166,630
2 Claims. (Cl. 311—42)



2. In a table top revolving means, a base, a semi-circular trackway of inverted T-shape cross-section formed on said base, said trackway having a large radius of curvature the center of

which curvature is adjacent an edge of the base, a main leaf having an extension leaf hinged thereto, a semi-circular track of inverted T-shape cross-section formed on the under side of said main leaf, said track being of a size and shape complementary to said trackway so as to smoothly rotate relative to, but interlock vertically and laterally with, said semi-circular trackway, whereby a complete trackway of substantial length is formed which fully encloses the semi-circular track when the table is unextended.

2,129,042
FIRECRACKER PISTOL
Selma G. Anthony, Wilson, Tex.
Application May 17, 1937, Serial No. 143,171
1 Claim. (Cl. 124—26)



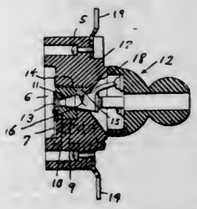
A pistol of the class described comprising a body, a barrel extending longitudinally thereof, the barrel comprising a plurality of longitudinally extending track rods arranged in spaced transverse triangular relation, the track rods constituting a longitudinal firecracker-engaging means whereby a firecracker may slide longitudinally of the trackway, means for automatically ejecting and moving a firecracker longitudinally of the trackway, reinforcing bands engaging the outer faces of the track rods and holding the track rods in definite spaced relation, a resilient track strip engaging said reinforcing bands for holding the same in engagement with said body and permitting said trackway to move longitudinally of the body, and said resilient track strip having means for engaging one band for holding said trackway in a set and firing position.

2,129,043
CEMENT TESTING DEVICE
Robert Bortsch, St. Peter, near Graz, Austria
Application January 14, 1937, Serial No. 120,602
In Austria January 17, 1936
6 Claims. (Cl. 265—11)



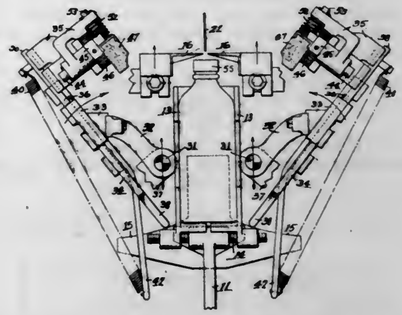
1. In a device for indicating the period of time required for the setting of solidifying substances, in combination, a clock-work, a feeling member co-acting with the clock-work being adapted to sink gradually into the solidifying substance synchronously with the gradual movement of the clock-work mechanism, and stop the clock-work when the said feeling member is stopped from sinking further due to the setting of the solidifying substance.

2,129,044
ELECTRICAL CONNECTER
John James Burns, Yonkers, N. Y.
Application November 3, 1937, Serial No. 172,612
2 Claims. (Cl. 173—330)



1. In combination, an electrical socket having a contact member and a pocket therein in which the contact member is located, a plug having a contact on its end for engagement with the contact of the socket, a teat in the socket, said teat being of current conductive material and forming one electrical side of the socket, a ring contact on the plug spaced from the contact on the end thereof, said plug including a body of insulation on which the end contact and ring are mounted, said plug and ring being deformed to define a spiral grooveway for receiving the teat of the socket.

2,129,045
BOTTLE TOP LABELING MACHINE
Daniel Caristein, Worcester, Mass., assignor to Economic Machinery Company, Worcester, Mass., a corporation of Massachusetts
Application June 8, 1936, Serial No. 84,153
10 Claims. (Cl. 216—54)



4. In a labeling machine, the combination of a frame having a guiding means, a plunger guided by said guiding means, a label wiper pivoted thereon, a member carried by the frame, a vertical plunger fixed to said member and guided by the frame, yielding means held between said frame and plunger to hold the plunger down, means for swinging the wiper on its pivot if the plunger moves up, and means for moving the plunger up relatively to said frame.

2,129,046
ELECTRICAL HEATER AND RESISTANCE
Ralph Arden Clay, Albury, England, assignor to The Expanded Metal Company, Limited, London, England
Application June 19, 1936, Serial No. 86,177
In Great Britain July 1, 1935
11 Claims. (Cl. 201—69)

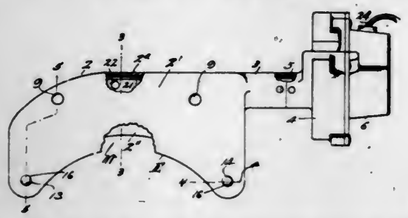


1. In combination, an electrical heater or resistance element comprising an integral strip of expanded metal, one portion of which is bowed to embrace at least 180° of an imaginary cylinder so as to lie on the surface thereof and another portion of which corresponding to a longitudinal edge portion of the strip is bent up substantially at right angles to the first mentioned portion so as to be radial with respect to said imaginary cylinder and outwards of said first mentioned portion; and means for anchoring said heater or resistance element in its curved form.

2,129,047
SMOKE FLAVORING CONDIMENT
Saladine E. Colgin, Dallas, Tex.
No Drawing. Application June 16, 1934, Serial No. 730,997
3 Claims. (Cl. 99—223)

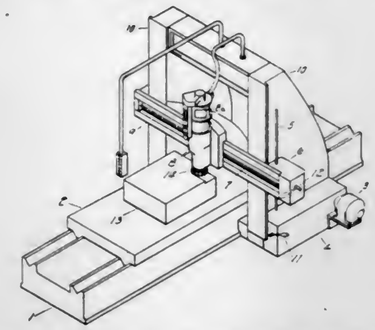
1. The process of manufacturing a smoke flavoring condimental substance from pyroligneous liquor comprising adding sodium chloride to the liquor to precipitate solids and tarry matters from said liquor, separating the liquor from the precipitate, mixing caramel with the separated liquor for the purpose of absorbing and holding the smoke flavoring principle, distilling the mixture of caramel and liquor until the volatile aldehydes, ketones, acetone and other undesired volatile ingredients have been removed and aging the product.

2,129,048
TOILET ODOR EXPELLER
Gaspé H. Davis, Van Nuys, Calif.
Application September 15, 1937, Serial No. 163,968
5 Claims. (Cl. 4—213)



1. A toilet bowl odor expeller having a suction chamber with a frontal mouth for air intake from a bowl, an exhaust conduit leading from the chamber, a motor and fan housing attached to said conduit, a switch concealed in the chamber and seat cushions in said chamber engageable and actuated by the lowered bowl seat, means connected to one of said cushions to actuate the switch, an electric cord connected to said switch and concealed in said chamber and passing through the conduit to the motor housing, and means for retaining the cord in a rearward, protected position in said chamber.

2,129,049
MEANS FOR REGULATING THE RATE OF FEED OF A MILLING MACHINE OR OTHER MACHINE TOOL
John E. Doran, Cincinnati, Ohio, assignor to The G. A. Gray Company, Cincinnati, Ohio, a corporation of Ohio
Substitute for abandoned application Serial No. 6,715, February 15, 1935. This application April 18, 1938, Serial No. 202,724
12 Claims. (Cl. 90—21)

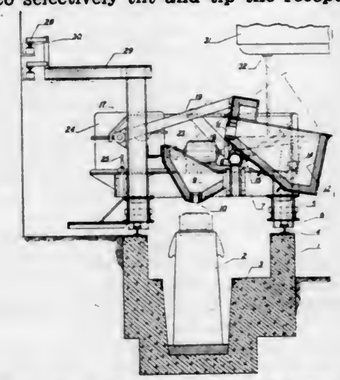


1. In a milling machine, a sprindle motor for driving the cutter, feed mechanism for moving the work and the cutter relatively to one another for feeding, an adjustable speed feed motor for driving the feed mechanism, a rheostat for controlling the speed of the feed motor, a reversible motor for operating the rheostat, a wattmeter to indicate the power input of the spindle motor, a first contact on the moving element of the wattmeter, a second contact adapted to be touched by the first contact when the moving element is moved sufficiently by an increase in the power input of the spindle motor, a third contact adapted to be touched by the first contact when the moving element is moved sufficiently by a reduction in the power input of the spindle motor, control means adapted to be energized by the first contact when touching the second contact, for energizing the reversible motor in one direction, and control means adapted to be energized by the first contact when touching the third contact, for energizing the reversible motor in the other direction.

2,129,050
MULTIPLE POURING DEVICE
Maxwell G. Dumas and William S. Orr, Pittsburgh, Pa., assignors to Dumas Engineering Company, Youngstown, Ohio, a corporation of Ohio
Application October 23, 1935, Serial No. 46,320
4 Claims. (Cl. 22—79)

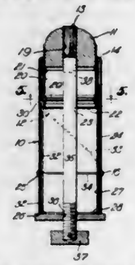
1. In a multiple pouring apparatus, a pouring receptacle having a plurality of flow outlets and flow spouts beneath said flow outlets, a three-point support for said receptacle constituting a tilting and a plurality of tipping axes, and means

for raising and lowering said supports independently to selectively tilt and tip the receptacle to



thereby regulate the flow of metal from the receptacle outlets to the flow spouts therebeneath.

2,129,051
LIP ROUGE APPLICATOR
Mona V. Eastley, Los Angeles, Calif., assignor to Charles A. Mureau, Omaha, Nebr.
Application November 16, 1936, Serial No. 111,087
9 Claims. (Cl. 132—79)



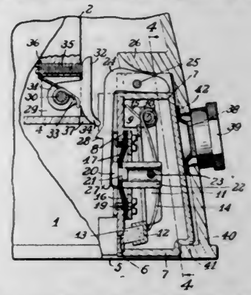
1. In a cosmetic applicator, a tubular stick of rouge, and a brush reciprocally movable in the opening of the stick.

2,129,052
HYDROLYZED CELLULOSE ACETATE
Charles R. Fordyce, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
No Drawing. Application February 4, 1936, Serial No. 62,333
8 Claims. (Cl. 260—102)

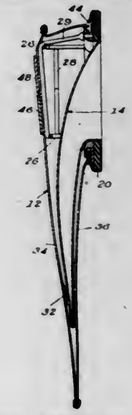
1. A cellulose organic acid ester containing acyl groups of 2–4 carbon atoms in which the acetyl groups predominate, resulting from hydrolyzing a cellulose organic acid ester having a high acyl content under non-degrading conditions, employing about two parts of sulfuric acid per 100 parts of cellulose ester, until its total acyl content is between 28%–13%.

2,129,053
STAMP AFFIXING MECHANISM
Azel Gay, Rochester, N. Y., assignor to Multipost Company, Rochester, N. Y., a corporation of New York
Application May 6, 1937, Serial No. 141,110
6 Claims. (Cl. 216—49)

1. In a stamp affixing mechanism, the combination with a movable pressure member and a water reservoir provided with nozzle openings and having a flexible water-tight wall portion, of water projecting means located within the reservoir to cooperate with the nozzle openings and moistenten a surface in the path of the pressure member and means acting through the medium of the flexible wall portion for communicating operating motion to the projecting means.



2,129,054
COLOSTOMY APPLIANCE
Hugo P. Geisler, Jr., Newton, Mass.
Application February 17, 1937, Serial No. 126,272
8 Claims. (Cl. 128—283)

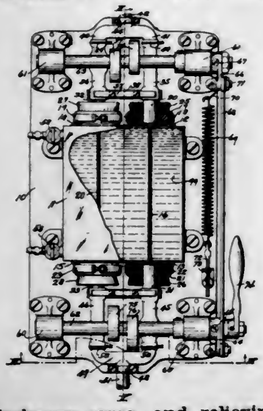


3. In a colostomy appliance, a flexible pouch having an opening in one side at the upper portion thereof, a flat body contacting ring surrounding said opening, an elastic moisture-proof lining within said pouch adapted to receive discharge, said lining having an open end adapted to be expanded over the outer periphery of said ring whereby the same is held in place, and means for holding said appliance in body contacting position.

2,129,055
MEASURING APPARATUS
Owen S. Gibbs, Memphis, Tenn.
Application February 14, 1938, Serial No. 190,410
9 Claims. (Cl. 221—103)

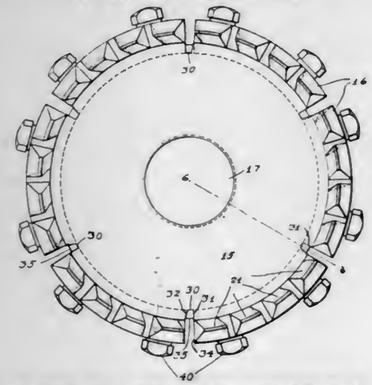
1. A measuring apparatus, including a chamber having substantially rigid walls, a bag of impervious flexible material disposed in said chamber and a liquid entirely filling said chamber exterior to said bag, but collapsing said bag only a predetermined and limited amount, a valve-controlled inlet tube leading into said bag, a valve-controlled outlet tube leading therefrom, means for supplying a liquid to be measured through said inlet

tube, and means for alternately collapsing said



bag to discharge same, and relieving pressure thereon to permit same to refill.

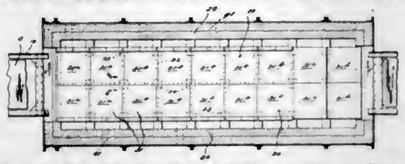
2,129,056
GEAR CUTTER
James E. Gleason, Rochester, N. Y., assignor to Gleason Works, Rochester, N. Y., a corporation of New York
Application January 15, 1937, Serial No. 120,728
33 Claims. (Cl. 29—105)



1. A face-mill gear cutter comprising a rotary head and a plurality of cutting segments, each of the segments having a plurality of cutting teeth which project beyond one side face of the head in the general direction of the axis of the head, means for positioning said segments angularly about the axis of the head, and means for securing the segments to the head.

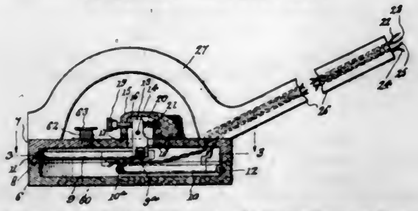
2,129,057
LEHR CONSTRUCTION
Joseph F. Greene, Vineland, N. J., assignor to Kimble Glass Company, Vineland, N. J., a corporation of Illinois
Application October 31, 1935, Serial No. 47,619
4 Claims. (Cl. 49—47)

3. In a lehr, an annealing chamber, means for heating said chamber, and a partition comprising a plurality of tiles arranged in edge to edge relation and forming a wall of said chamber, said partition being disposed between the said heating means and the chamber, certain of said tiles being formed from a material having a thermal conductivity differing from that of the material from which others of said tiles are formed to radiate more heat into the chamber



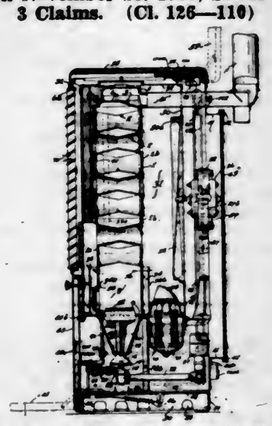
from certain portions of the partition than is radiated into the chamber from other portions of the partition.

2,129,058
TRANSFORMER FOR A METAL LOCATOR
Charles A. Hedden, Union, N. J.
Application July 11, 1936, Serial No. 90,223
3 Claims. (Cl. 171—242)



1. In a metal locator, a flat shallow casing, a bunch wound coil substantially shorter than the casing and having a straight portion, said coil being disposed within said casing with the straight portion extending transversely of the casing intermediate its ends, a second bunch wound coil substantially like the first coil and disposed within the casing with the straight portion thereof in proximity to the straight portion of the first coil, and a fork pivoted to the top wall of the casing for swinging longitudinally thereof and engaging one of the said straight portions whereby the coils may be moved relatively to change the inductive balance thereof.

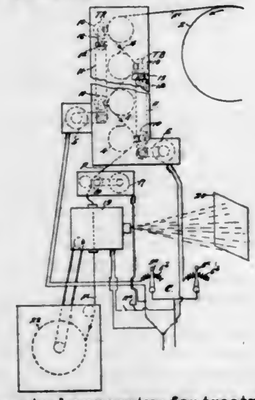
2,129,059
AIR HEATING AND CONDITIONING UNIT
George Herbster, Cleveland, and Joseph Becvar, Wickliffe, Ohio, assignors to The Cleveland Cooperative Stove Company, Cleveland, Ohio
Application November 23, 1935, Serial No. 51,288
3 Claims. (Cl. 126—110)



1. In an air conditioning apparatus, a combustion chamber, a heat exchanger superimposed thereon and in communication therewith, a fan

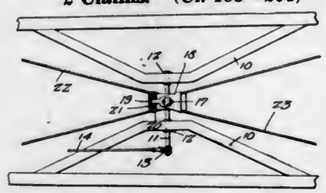
at the rear of and spaced from the exchanger for supplying a stream of air, a casing surrounding the chamber, exchanger and fan with its walls in spaced relation thereto, and having a discharge passage in front of the exchanger, a baffle in the casing surrounding the chamber and spaced therefrom and from the casing walls and having an inlet opening admitting air from the fan, and a discharge opening remote therefrom, a baffle in the casing surrounding the exchanger and said first baffle in spaced relation thereto and to the said casing for receiving air from the fan, and having a discharge passage in front of the exchanger, and means for admitting air between the second baffle and walls of the casing.

2,129,060
PICTURE FILM COLOR CONTROLLING APPARATUS
Karl Robert Hoyt, North Hollywood, Calif., assignor to Telco Corp., a corporation of California
Application June 5, 1937, Serial No. 146,663
5 Claims. (Cl. 51—78)



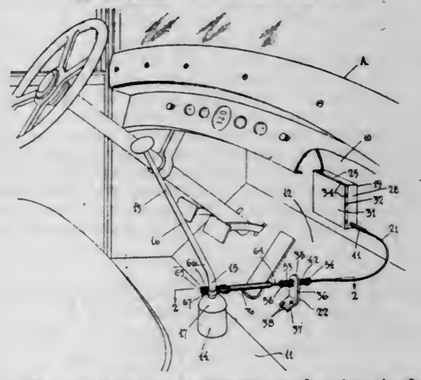
3. Color control apparatus for treatment of motion picture film strip having color coated emulsions on opposite faces, including polishing mechanisms in position at opposite sides of a portion of the strip, platen means for moving the strip through the polishing means in the form of reversed bights with faces to relative polishing means, and manually controlled means for independently changing the speed of the polishing mechanisms at opposite sides of the strip irrespective of the speed of the strip.

2,129,061
BRAKE EQUALIZER
Chester F. Johnson, Los Angeles, Calif.
Application May 10, 1937, Serial No. 141,821
2 Claims. (Cl. 188—204)



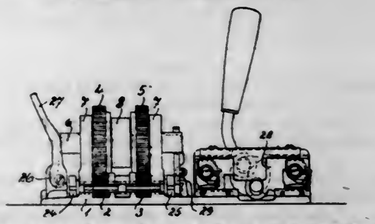
1. A brake equalizing means comprising a rock shaft, a member fixed to said shaft, oppositely extending trunnions carried by said member, a brake operating lever pivoted on each trunnion, a laterally extending rack carried by said member adjacent the inner end of one trunnion, a second laterally extending rack carried by said member adjacent the inner end of the other trunnion and extending in a direction oppositely of said first rack, each rack including a U-shaped flange, and a pair of springs within each flange and engaging on opposite sides of a lever to thereby normally bias said lever to a central position with respect to the parallel legs of said flange.

2,129,062
IGNITION CUT-OUT
Joseph J. Jwanouskos, Jr., St. Paul, Gustav C. Lundgren, Minneapolis, and James D. Swan, Jr., North St. Paul, Minn., assignors to Joseph J. Jwanouskos, Sr., St. Paul, Minn.
Application January 13, 1936, Serial No. 58,882
16 Claims. (Cl. 123—146.5)



1. In combination, a timing mechanism including clockwork, a switch actuated by said clockwork, an actuating lever adapted when moved in one direction to actuate said clockwork, an operating member movable in opposite directions, and means connected with said actuating lever and said operating member for procuring movement of said actuating lever in the same direction upon movement of the operating member in either direction.

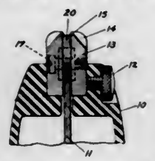
2,129,063
WIRE TYING MACHINE
Oscar Kind, Rodenkirchen, near Cologne, Germany
Application May 21, 1937, Serial No. 144,100
In Germany March 25, 1937
13 Claims. (Cl. 140—93)



1. In a machine for making a twisted fastening on the wire binding of packages including a base plate, two twisting pinions coaxially and rotatably disposed on the said base plate, two driving gear wheels each engaging one of the two twisting pinions, an axle rotatably mounting

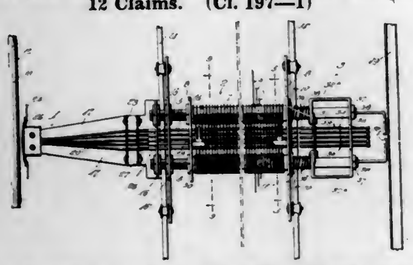
both driving gear wheels, said axle being disposed on the base plate above the twisting pinions means for successively and alternately rotating said pinions in opposite directions.

2,129,064
SHAVING IMPLEMENT
Felix J. Lewando, South Boston, Mass., assignor to Gillette Safety Razor Company, Boston, Mass., a corporation of Delaware
Application May 7, 1937, Serial No. 141,317
15 Claims. (Cl. 30—43)



15. A dry shaving implement having cooperating shearing members, one presenting a flat skin-engaging face of substantial area traversed by long hair passages which are narrower than the area of face interposed between them, both members meeting in a common plane which is substantially normal to said skin-engaging face, said hair passages providing shearing edges in one member and the other member having openings on the opposite side of said common plane to provide shearing edges for cooperation with the edges of the hair passages, the shearing edges being adapted to operate normal to said skin-engaging face.

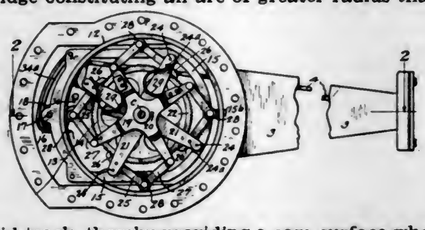
2,129,065
APPARATUS FOR PRINTING CHARACTERS
Joseph N. Loop, Washington, D. C.
Application July 6, 1937, Serial No. 152,212
12 Claims. (Cl. 197—1)



1. Printing mechanism including a multiplicity of printing elements, striker means cooperative therewith for moving said printing elements to marking position, and separately actuated printing control means cooperative with the said printing elements for determining the number and arrangement of the printing elements actuated by said striker means.

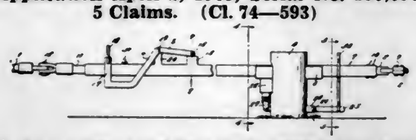
2,129,066
THERMOSTATICALLY CONTROLLED VARIABLE SPEED DEVICE
Donald H. McGogy, McMinnville, Oreg.
Application June 2, 1936, Serial No. 83,085
1 Claim. (Cl. 74—113)

In a variable speed transmission of the type described having a rotating shaft, an arm rigidly mounted on said shaft, a second arm rotatably mounted on said shaft, articulated links connecting the extremities of said arms, a ratchet wheel mounted on said shaft and a pawl carried by said second arm engaging said ratchet wheel, a stationary curved track concentric with said shaft, a guide roller carried by said links and adapted to roll on said track, a slot in said track, a slidable bridge located in said slot, the inner edge of said bridge constituting an arc of greater radius than



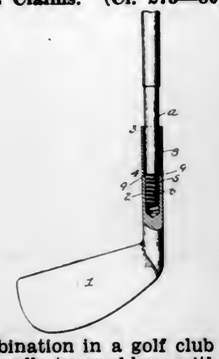
said track, thereby providing a cam surface when said bridge is projected within said track, and thermostatically controlled means for positioning said bridge and therewith said cam surface.

2,129,067
ROD LINE COUPLER
Ernest Lee McIntyre, Sapulpa, Okla.
Application April 2, 1938, Serial No. 199,696
5 Claims. (Cl. 74—593)



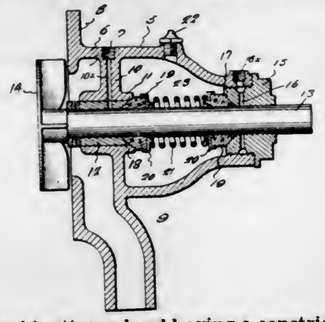
1. In a surface rod line jack, a tubular member, means for connecting the tubular member with a power pull rod, a rod adapted to have one end connected to the rod line and having a second end slidably received within said tubular member, said last-named rod having the end thereof within said tubular member provided with a notch, a guide carried by said tubular member, and a dog working in said guide and having an end arranged to engage in said notch for coupling said tubular member and the last-named rod together, said tubular member also having fixed in one end thereof a member provided with a notch, and said tubular member being provided with an opening in alignment with said notch, and a relatively stationary vertically shiftable dog movable through the opening in said tubular member into and out of engagement with the last-mentioned notch, as and for the purpose specified.

2,129,068
GOLF CLUB
William F. Reach, Chicopee, Mass., assignor to A. G. Spalding & Bros., New York, N. Y., a corporation of New Jersey
Application August 25, 1934, Serial No. 741,494
3 Claims. (Cl. 273—80)



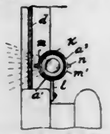
1. In combination in a golf club a hosel having a downwardly tapered bore with a shaft having a tapered portion complementary to the tapered bore of the hosel, said hosel and shaft in completely assembled condition having a two directional rotary screw threaded cylindrical joint between their lower ends, and a cushion sleeve between the tapered portions of said hosel and shaft and affixed thereto in such a manner as to prevent relative rotation between the inner and outer surfaces of the sleeve and said shaft and hosel.

2,129,069
PUMP PACKING MEANS
James H. Roberts, Osceola, Ark.
Application May 16, 1936, Serial No. 80,197
1 Claim. (Cl. 308—36.2)



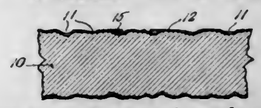
In combination, a bowl having a constricted end portion in which is a large threaded opening and an oil inlet leading to said opening, and also having adjacent to its opposite end a partition with a barrel and an oil duct leading through the partition into said barrel, a bushing in said barrel and having an opening in coincidence with said oil duct, said barrel and bushing being provided at their ends adjacent the interior of the bowl with a conical seat, a threaded plug occupying the large opening in the constricted end of the bowl and having a bore and a conical seat at the inner end of the bore and also having an oil duct in coincidence with said oil inlet, a shaft bearing in said bushing and the bore of the plug and extending through the bowl, conical packing elements about the shaft and disposed in said seats, caps over the opposed ends of said packing elements, and a spring in the bowl and about the shaft and interposed between said caps.

2,129,070
SIGNALING AND LIGHTING INSTALLATION FOR MOTOR VEHICLES
Michael Röttinger, Mannheim, Germany
Application October 4, 1935, Serial No. 43,588
In Germany October 19, 1934
3 Claims. (Cl. 177—329)



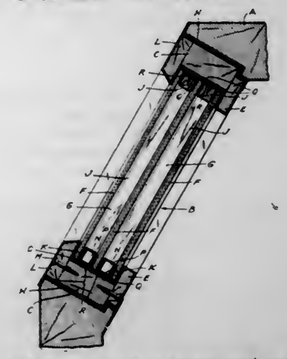
1. A signaling lamp including a casing open at one end and formed with oppositely disposed light emitting apertures in the wall thereof, said casing being designed to be secured as a fixture, a light tube rotatably and slidably mounted in the casing and having a light emitting opening designed in a predetermined rotative movement of the light tube to register with either light emitting opening of the casing, means in the light tube for supporting a lamp, means on the end of the light tube cooperating with means at the edge of the open end of the casing for fixing the light tube in different relative positions in the casing, said cooperating means on the end of the light tube in the open end of the casing fixing the casing and light tube against rotary movement, said means being separable to permit independent rotary movement of the light tube following slight longitudinal movement of the light tube through the open end of the casing.

2,129,071
PLANOGRAPHIC PRINTING PLATE
George S. Rowell, Cleveland, Ohio, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware
Application October 31, 1935, Serial No. 47,595
9 Claims. (Cl. 41—41.5)



1. A process of preparing aluminum planographic printing plates which includes the steps of reacting sheet aluminum with an alkali carbonate by immersing said aluminum in a bath maintained at between 170° F. and the boiling point and consisting of an aqueous solution of said carbonate of between 0.3 per centum and 1½ per centum concentration for from 15 to 8 minutes, whereby said aluminum is simultaneously freed from grease, is grained and is coated with a porous crystalline layer comprising said alkali carbonate and thereafter washing and drying the so-treated sheet aluminum.

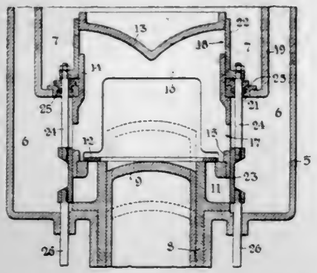
2,129,072
REFRIGERATOR
Donald E. Rutishauser, Chicago, Ill., assignor to Zero Plate Corporation, Chicago, Ill., a corporation of Delaware
Application March 27, 1936, Serial No. 71,265
4 Claims. (Cl. 20—56.5)



1. In a refrigerator, a transparent panel comprising a plurality of transparent plates spaced apart to provide a dead air space between adjacent plates, spacing strips between adjacent surfaces of adjacent plates, said strips having thereon means to prevent movement thereof relative to said transparent plates, face plates adapted to be drawn against the marginal surfaces of the outermost of said transparent plates, and said spacing

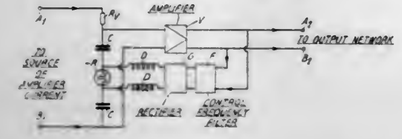
strips being unattached to the frame of said panel whereby when said face plates are drawn against said outermost transparent plate the pressure created thereby will be exerted upon the marginal surfaces of all of said transparent plates and upon all of said spacing strips so that an effective seal between said parts will be maintained.

2,129,073
LIQUID PUMP
Kurt Schoene, Hamburg, Germany
Application May 20, 1937, Serial No. 143,836
In Germany June 15, 1936
5 Claims. (Cl. 103—227)



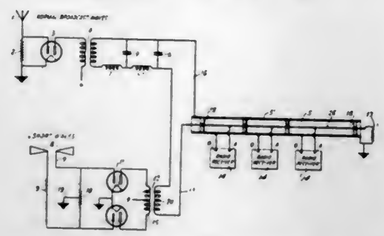
1. In a liquid pump of the expansible chamber type, the combination of means forming a working space having spaced main inlet and discharge ports and an auxiliary inlet port; reciprocating liquid-displacing means for varying the volume of said working space; a reciprocable balance sleeve valve encircling said working space and controlling said discharge port; a reciprocable balanced sleeve valve encircling said working space and controlling said main inlet port, said valve serving to close said auxiliary inlet port at least partially when the main inlet port is fully open; a suction operated valve also controlling said auxiliary inlet port; and means connecting said sleeve valves to move in unison in such manner as to open the discharge and main inlet ports in alternation, said connecting means being substantially unaffected by the differential between suction and discharge pressures.

2,129,074
AUTOMATIC SIGNAL TRANSMISSION CONTROL CIRCUIT
Dietwald Thierbach, Berlin, Germany, assignor to Siemens & Halske, Aktiengesellschaft, Berlin-Siemensstadt, Germany, a corporation of Germany
Application February 21, 1935, Serial No. 7,468
In Germany March 23, 1934
1 Claim. (Cl. 178—44)



In a high frequency signal transmission system of the type including an amplifier, a source of high frequency signal energy for the amplifier, said energy including energy of a control frequency, a signal shunting path connected across said source, said path including a resistive element comprising a filament of uranium oxide in vacuo whose resistance has a temperature coefficient of a negative sign, said element having a sufficiently high inertia at the frequency of said signal energy to impart a constant resistance characteristic thereto at said signal frequency, the amplifier input circuit being connected to said source and across at least a portion of said shunting path, means for deriving a direct current from the energy of said control frequency, and means for applying said direct current to said resistive element.

2,129,075
CENTRALIZED RADIO SYSTEM FOR SHORT AND BROADCAST WAVES
Julius Weinberger, Bronxville, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application February 19, 1936, Serial No. 64,657
6 Claims. (Cl. 250—9)



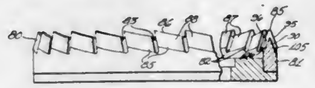
1. In a wave transmission system, the combination of a long transmission line adapted to pass currents of the broadcast band and the short wave band, an antenna adapted to pick up currents of the broadcast band, an aperiodic amplifier having its input circuit connected to said antenna and its output circuit coupled to one end of said transmission line, an antenna arranged to pick up currents of the short wave band, a second aperiodic amplifier having its input circuit connected to said last named antenna and its output circuit coupled to the same end of said transmission line and a condenser shunted across the first amplifier output circuit which has a low impedance to currents of the short wave band.

2,129,076
TUBE FOR SHORT WAVES
Bruno Wienecke, Berlin, Germany
Application March 8, 1935, Serial No. 10,046
In Germany March 13, 1934
2 Claims. (Cl. 250—27.5)



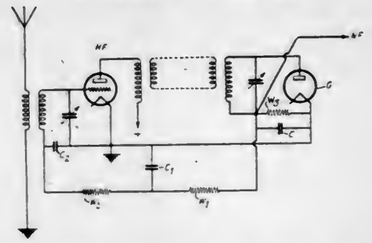
1. A tube for short waves comprising a cathode, a grid, and an anode, two leads connected to the centre of said grid and passed through two openings in said anode, said leads being directed towards opposite sides.

2,129,077
GEAR CUTTER
Ernest Wildhaber, Irondequoit, N. Y., assignor to Gleason Works, Rochester, N. Y., a corporation of New York
Application May 20, 1935, Serial No. 22,304
8 Claims. (Cl. 29—103)



7. A cutting member for face-mill gear cutters comprising a body portion and a plurality of cutting teeth which are integral therewith, and which project beyond the body portion, said body portion having a side surface which is a surface of revolution and which is adapted to be seated against a coaxial matching surface of revolution formed on the cutter when the cutting member is secured to the cutter each of said cutting teeth having a cylindrical side surface whose axis is offset from and inclined to the common axis of said surfaces of revolution when the cutting member is secured to the cutter.

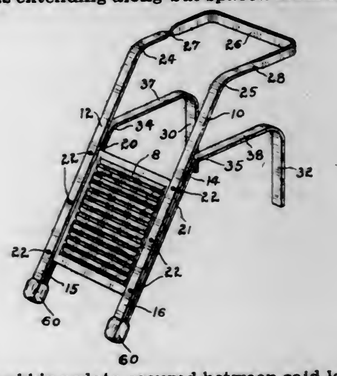
2,129,078
AUTOMATIC VOLUME CONTROL CIRCUIT
Erich Zepler, Chelmsford, England, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application September 2, 1936, Serial No. 99,032
In Germany September 17, 1935
4 Claims. (Cl. 250—20)



1. In a radio receiver of the type comprising a signal transmission tube and a single rectifier in cascade, said transmission tube having signal carrier selector resonant networks associated therewith which are sufficiently sharp to produce attenuation of the higher modulation signal frequencies, means in circuit with the rectifier producing a direct current voltage whose value varies directly with the carrier amplitude, only a single network for applying said voltage to the transmission tube in a sense to reduce the gain thereof, and the time constant of said last network being chosen sufficiently low so that the gain of the transmission tube is less for low modulation frequencies than for the aforesaid higher modulation frequencies whereby the said attenuation is compensated for.

2,129,079
WASHBOARD FOR USE IN SINKS
John H. Adams, Seattle, Wash.
Application April 16, 1935, Serial No. 16,662
4 Claims. (Cl. 68—223)

1. A washboard comprising a U-shaped frame of a single strip of metal or the like having return bends at the free ends of the legs to form portions extending along but spaced from the legs



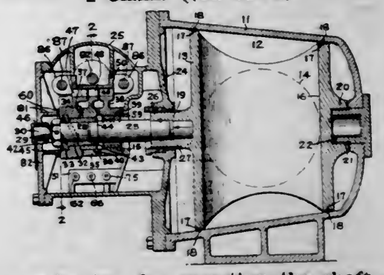
and a rubbing plate secured between said legs and their spaced portions.

2,129,080
NET CANOPY FOR BABY CARRIAGES
Jacob M. Bramnick, Philadelphia, Pa.
Application January 12, 1937, Serial No. 120,146
6 Claims. (Cl. 135—5)



6. A net canopy for baby carriages and the like having its body portion made of two parts sewed to each other, one of said parts comprising a rectangular panel extending upwardly from a front lower edge and over the top, and the other part comprising a long narrow member extending across the rear and along the sides, the long narrow member having its ends sharply inclined and said inclined ends being disposed at the bottom of the canopy.

2,129,081
VALVE
Eugene C. Brisbane and Robert Bischoff, York, Pa., assignors to S. Morgan Smith Company, York, Pa., a corporation of Pennsylvania
Application July 25, 1936, Serial No. 92,555
1 Claim. (Cl. 74—1)



In mechanism for operating the shaft of a tapered plug valve, a plurality of gear sectors operatively associated with the shaft for imparting axial and rotary movements thereto and comprising three independently movable gear

sectors, a housing enclosing the operating mechanism and having lateral extensions, each of said gear sectors having a series of teeth, a reciprocal rack bar disposed within said housing and having three series of teeth adapted to mesh respectively with the teeth of said three gear sectors, three rods enclosed by said housing and disposed in parallel relationship with said rack bar, the intermediate rod being rotatably mounted within said housing and having its ends journalled in the opposite ends of the lateral extensions of said housing whereby said rotatable rod is prevented from moving longitudinally with respect to the housing, the other two rods being disposed on opposite sides of said rotatable rod and having their ends fixed in said housing, said two rods constituting guide rods for the rack bar, ears extending laterally from said rack bar and mounted on the guide rods whereby said rack bar is suspended from the guide rods, threads formed on a portion of said rotatable rod, said rack bar having end extensions mounted on the rotatable rod, one of said end extensions being threaded and constituting a nut for engaging the threaded portion of said rotatable rod so that when said rod is rotated the rack bar will be propelled lengthwise of the rotatable rod, and mechanism operatively connected to one end of said rotatable rod for operating the same.

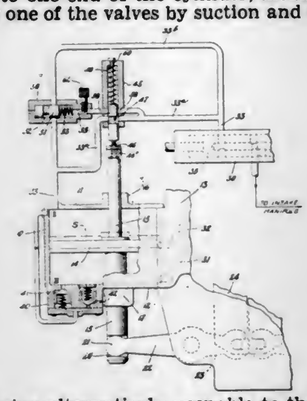
2,129,082
GUM MASSAGING APPLIANCE
Ralph W. Byrer, Rockford, Ill.
Application September 13, 1935, Serial No. 40,406
1 Claim. (Cl. 128—62)



A gum massaging attachment adapted to be applied to a conventional tooth brush head having bristles comprising a metallic frame having channel shaped parts conformed resiliently to engage the head, and having side bridge parts extending upwardly from said channel parts and adapted to extend along each side of the bristles, and rubber massaging means secured to and surrounding said side bridge parts and extending substantially to the plane of the bristle ends when in position on said head.

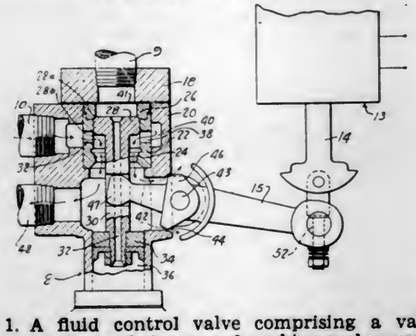
2,129,083
GEAR SHIFTING MECHANISM
Philip M. Carter, White Plains, N. Y., and Douglas F. Linsley, Norwalk, Conn., assignors to Vaco Products, Inc., Jersey City, N. J., a corporation of Delaware
Application June 1, 1936, Serial No. 82,766
9 Claims. (Cl. 121—38)

1. In a suction operated motor, the combination of a cylinder and a piston, a suction duct having two valves in parallel therein and connected to one end of the cylinder, means for operating one of the valves by suction and the other



valve being alternatively openable to the cylinder or first valve to operate it by suction and means for operating said other valve by the piston.

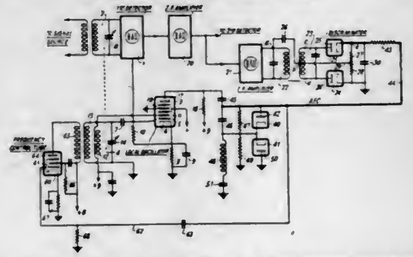
2,129,084
PNEUMATIC CONTROL VALVE
Neal W. Dorman, Toledo, Ohio, assignor to The Toledo Machine & Tool Company, Toledo, Ohio, a corporation of Ohio
Application February 12, 1937, Serial No. 125,403
2 Claims. (Cl. 277—2)



1. A fluid control valve comprising a valve body having endwise spaced working and pressure cylinders and having inlet and exhaust ports at opposite ends of said working cylinder and an intermediate outlet port all in communication with the working cylinder, said working cylinder having at opposite sides of said outlet port annular internal shoulders forming valve seats, a reciprocatory valve having a fluid tight sliding fit in said working cylinder and seating against one or the other of said shoulders at opposite ends of its movement and having a predetermined movement in one direction from seating position before the outlet opening is uncovered to have communication with the inlet opening, a piston in said pressure cylinder, connection between said valve and piston to cause one to move with the other, said pressure cylinder and the pressure supply to said inlet opening being in communication through said connection, piston and valve, and the area of said valve exposed to said inlet port being less than the area exposed to said pressure cylinder, whereby the piston and valve are normally urged by fluid pressure to stand in position to close communication between said inlet and outlet openings and open communication between said outlet and exhaust ports

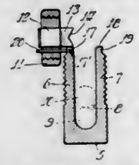
through the working cylinder, and means operable to move the valve and piston to the opposite ends of their strokes against said fluid pressure action.

2,129,085
AUTOMATIC FREQUENCY CONTROL CIRCUIT
Dudley E. Foster, Morristown, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application January 27, 1937, Serial No. 122,520
9 Claims. (Cl. 250—20)



1. In combination with an oscillator tube provided with an output circuit and having a tuned tank circuit, a pair of reactances in the output circuit of the oscillator tube, a control tube provided with an input circuit and having an output circuit reactively coupled to said tank circuit to reflect a desired reactance across the tank circuit, and connection means for selectively impressing voltage developed across either of said pair of reactances upon the control tube input circuit.

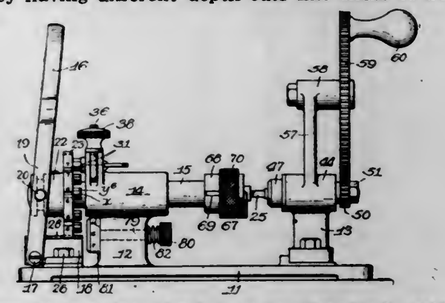
2,129,086
NUT RETAINER FOR SPLIT SHANK CONNECTERS
William G. Fotsch, Chicago, Ill., assignor to Reliable Electric Co., Chicago, Ill., a corporation of Illinois
Application September 5, 1935, Serial No. 39,276
2 Claims. (Cl. 173—263)



1. In a wire connecter, the combination of a bolt having the threaded portion thereof slotted to provide spaced legs with a nut having a contact member rotatably mounted therein and slidable between said legs as the nut is turned on the bolt, and having a portion extending over one end face of the nut for engaging wires placed between said legs, said legs having reduced extensions at their free ends and a metal loop hinged to one of said extensions and having a shank portion leading from the hinge and a flattened end portion wider than the greatest cross sectional dimension of the leg to which it is hinged, said flattened end portion of the loop being adapted to snap over the reduced extension of the leg to which it is not hinged.

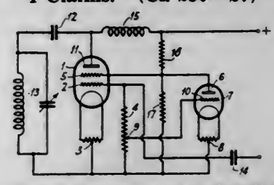
2,129,087
LOCK KEY CUTTING MACHINE
Harry F. George and Julius G. Howard, Chicago, Ill.
Application June 7, 1935, Serial No. 25,387
20 Claims. (Cl. 90—13.05)

1. In apparatus of the class described, a rotatable longitudinally movable shaft, a key blank holding chuck and a key control plate on said shaft fixed to move therewith, a cutter adapted to make cuts in the key blank held in the chuck, a clamp adjacent said plate, the clamp being adapted to fixedly and releasably hold a master key having different depth cuts like those to be



formed in a key blank held in the chuck, said plate having a series of spaced gauge pins on one face, each of said pins being movable with the plate into registry with one of the cuts in the master key and then movable longitudinally into said cut to control the depth of the various cuts being made by the cutter in the key blank.

2,129,088
THERMIONIC VALVE CIRCUIT ARRANGEMENT
Douglas Frank George, Hutton, England, assignor to Radio Corporation of America, a corporation of Delaware
Application May 23, 1936, Serial No. 81,361
In Great Britain May 24, 1935
4 Claims. (Cl. 250—27)

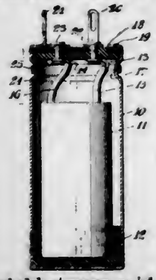


1. A protective system for a circuit of the type which includes an electron discharge tube for the generation of oscillations, said tube having a cathode, an anode, a control grid and at least one other grid, said protective system comprising a gaseous discharge tube of the "trigger-action" type, a control grid in the last said tube, means inter-connecting the control grids of the two said tubes for causing the gaseous discharge tube to be triggered off in response to a cessation of oscillations in the first said tube, and means acting in dependence upon the conductivity of the gaseous discharge tube for rendering the first said tube substantially non-conductive.

2,129,089
ELECTROLYTIC CONDENSER
Joseph T. Hood, Indianapolis, Ind., assignor to P. R. Mallory & Co. Inc., Indianapolis, Ind., a corporation of Delaware
Application January 25, 1936, Serial No. 60,755
8 Claims. (Cl. 175—315)

1. A dry electrolytic condenser comprising a condenser section comprising a pair of electrodes of film-forming metal, spacing means and a film-maintaining electrolyte between said electrodes,

a pair of terminal conductors connected respectively to said electrodes and extending outwardly from said condenser section, a protective sheath



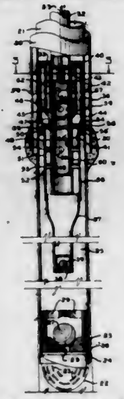
of porous material between said terminal conductors in the region outside said condenser section and a film-maintaining electrolyte held within the pores of said sheath.

2,129,090

GAS LIFT PUMP

James E. Hoover, Oklahoma City, Okla.

Application January 29, 1936, Serial No. 61,393
11 Claims. (Cl. 103—240)



1. In a device of the class described, a well, a tubing string including a standing valve adjacent one end thereof, a seat formed in said string spaced from said valve, a second tubing string within said first named string, a pumping element on said second named string provided with a shoulder cooperating with said seat to form a chamber for the accumulation of liquid, said element having gas inlet ports formed therein, a positively operated valve adapted to close and open said ports to control the admission of gas to said chamber, and the said second tubing string connecting with the chamber through the pumping element to serve as a liquid eduction pipe for the liquid being raised from the well.

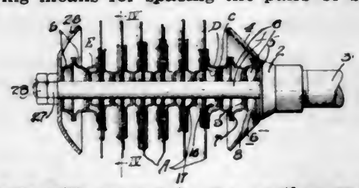
2,129,091

FLUE CLEANER

Erik W. Jacobson, Chicago, Ill.

Application June 23, 1937, Serial No. 149,826
3 Claims. (Cl. 15—104.16)

2. A flue cleaning tool including a stem, a plurality of thin spring metal blades on said stem arranged in spaced pairs, a pair of square spacer members per pair of blades arranged with their rear faces against the blades and having bosses outstanding from their front faces for spacing the pairs of blades axially along the stem and affording straight line bearings for the blades outwardly of the stem, the said bosses having interengaging means for spacing the pairs of blades



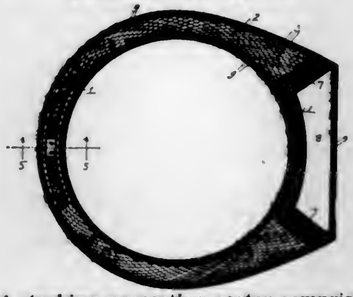
angularly with respect to one another and for connecting said pairs of blades together for rotative movement as a unit with respect to the stem, and the said spacer members having means interlocking the spacers and blades of a pair against relative rotative movement.

2,129,092

GARTER

Frank W. Keeler, Flint, Mich.

Application October 27, 1937, Serial No. 171,211
6 Claims. (Cl. 241—5)



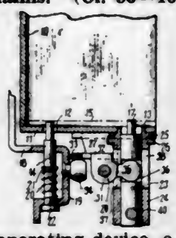
1. A stocking-supporting garter comprising an inner elastic band member and a tubular outer member having adjacent outwardly flaring free ends forming a radial outward extension in which outer member the band member is slidable in the garter's circumferential direction.

2,129,093

CLAW AND REGISTRATION PIN MECHANISM

Albert Kindelmann, Floral Park, and Julius Pearlman, New York, N. Y., and William Ostrander, Roselle Park, N. J., assignors to International Projector Corporation, New York, N. Y., a corporation of Delaware

Application June 8, 1934, Serial No. 729,594
9 Claims. (Cl. 88—18.4)



1. In a film operating device, a claw for moving the film, a stop pin for holding the film and being disposed on the apparatus to engage the film within the length range of movement of the film feeding claw, a knob mounted on the

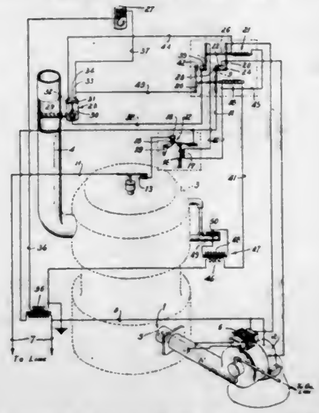
claw, a wing engaged by the knob, a plate on which said wing is disposed for oscillation, a finger on the plate, a plug on which the pin is mounted, said finger engaging said plug, a sleeve in which said plug is adapted to slide, and a spring engaging the plug tending to urge the plug toward the film as the wing is released from the knob.

2,129,094

SYSTEM OF CONTROL FOR BURNERS

Harry E. Lake, Flushing, N. Y., assignor to Barber-Colman Company, Rockford, Ill., a corporation of Illinois

Application December 9, 1935, Serial No. 53,539
2 Claims. (Cl. 158—28)



1. A control system for a motor operated fuel burner having high voltage motor and ignition circuits, a first relay adapted when energized to close the motor and ignition circuits, a second relay adapted when energized to open said ignition circuit, a first switch constituting a main control, a combustion responsive thermostat having closed-when-hot and closed-when-cold switches, an electrically operable safety switch adapted to render the control system inoperative upon prolonged energization of an operating element, a low voltage circuit for effecting initial energization of said first relay extending through said first switch, said closed-when-cold switch, a normally closed switch which is opened when said second relay is energized, said operating element and the winding of said first relay, a circuit for maintaining initial energization of said first relay independently of said closed-when-cold switch including the winding of the relay, said operating element, said normally closed switch, and a normally open switch which is closed when said first relay is energized, and a circuit for energizing said first and second relays in series relation upon the occurrence of combustion including said first switch, said normally open switch, said closed-when-hot switch and the windings of said relays.

2,129,095

HANDLE

Wesley F. Leland, Elgin, Ill., assignor to Western Casket Hardware Company, Elgin, Ill., a corporation of Illinois

Application December 3, 1937, Serial No. 177,949
3 Claims. (Cl. 16—112)

1. In combination in a handle, a plurality of support members adapted to be fixedly secured to a base, each support comprising a member having a generally cylindrical cavity within it, said cavity formed with two portions of different internal diameter, an inwardly projecting lug formed in one of said cavity portions, and a movable handle element mounted with an end in each of two adjacent supports, said handle member terminating



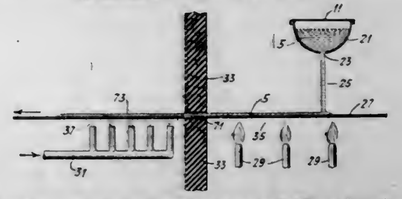
in a pair of rounded ends, each adapted to penetrate into one of said supports and to lie within said cavity and carrying adjacent each of said rounded portions a lug adapted to contact the said lug within said cavity, the swinging movement of said handle being limited by said contact.

2,129,096

LUMINESCENT MATERIAL AND METHOD OF PREPARING SAME

Humboldt W. Leverenz, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application January 20, 1936, Serial No. 59,883
4 Claims. (Cl. 134—47)



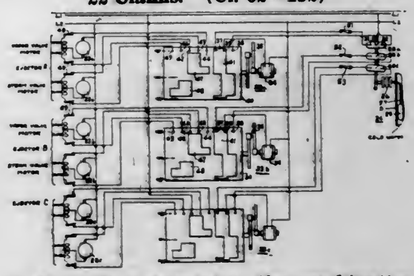
3. The method of making crystalline luminescent material, which comprises entraining centers of an activator substance in the crystal faults of a crystalline substance, giving thereby the characteristic of becoming luminescent upon excitation thereof, heating the crystalline substance to at least substantially its melting temperature, whereby the original crystal structure of said substance is dissolved, and quenching substantially instantaneously the molten material to produce crystalline luminescent material whose lattice structure is different than the lattice structure of the first named luminescent material.

2,129,097

COOLING APPARATUS

David W. R. Morgan, Swarthmore, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

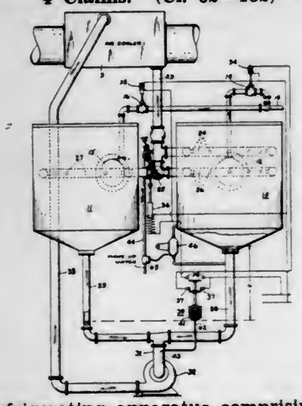
Application October 20, 1933, Serial No. 694,510
Renewed February 7, 1935
22 Claims. (Cl. 62—152)



18. In cooling apparatus, the combination of evaporator means, a plurality of compressor elements for removing vapor from said evaporator

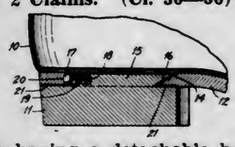
means to effect cooling by evaporation of liquid therein, said evaporator means and said compressors supplying a common cooling demand, a thermostatic element responsive to a temperature maintained at a low value by the cooling apparatus, and means controlled by said thermostatic element and operating automatically to initiate operation of said compressors successively as said temperature attains successively higher values.

2,129,098
STEAM JET REFRIGERATION APPARATUS
Paul L. Fetzer, Ridley Park, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 2, 1933, Serial No. 659,403
4 Claims. (Cl. 62—152)



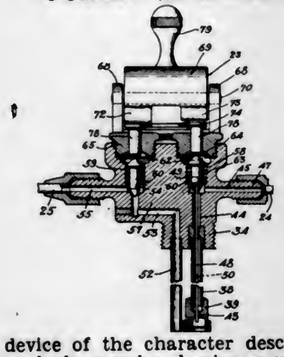
2. Refrigerating apparatus comprising a plurality of evaporator chambers, means for conveying water through said chambers in parallel to be cooled therein by partial evaporation and including a common discharge conduit, an ejector associated with each chamber for withdrawing vapor therefrom, and means for initiating operation of an ejector of one chamber in response to a predetermined maximum temperature of the water flowing through said common discharge conduit and of an ejector of a second chamber in response to a slightly higher predetermined temperature thereof.

2,129,099
DETACHABLE HEEL
Henry N. Pearson, St. Louis, Mo.
Application August 17, 1935, Serial No. 36,664
2 Claims. (Cl. 36—36)



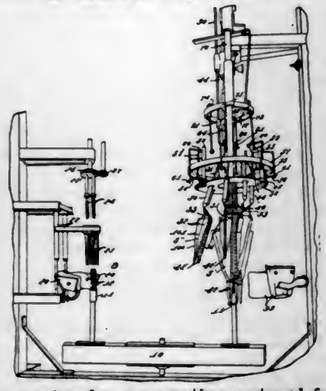
1. A shoe having a detachable heel receiving cut-out therein, the part of the shoe bordering a portion of the cut-out being beveled downwardly toward the inside of the cut-out and the remaining portion being substantially unbeveled, a heel having an insert the shape of which is complementary to said cut-out, flexible means between the insert and the heel receiving part of the shoe at the cut-out to produce a binding fit between the same, and means for retaining the insert in the cut-out, said means including a ball in the heel spring-urged to protrude therefrom, and a depression in a wall of the cut-out to receive the said ball in its protruding position.

2,129,100
FLUID CONTROL MEANS
George E. Pickup, Newark, Ohio, assignor, by mesne assignments, to Florence-Wehrle Stove Co., Newark, Ohio, a corporation of Ohio
Application December 28, 1934, Serial No. 759,457
8 Claims. (Cl. 137—21)



1. A device of the character described, comprising, a body member having a pair of fluid passages therethrough, a separate piston valve controlling the flow of fluid through each of said passages, resilient means for normally moving said valves to open position, a pin extending outwardly from each of said valves, a spring plate having a pair of legs engageable with said pins, and means for simultaneously pressing inwardly on said spring plate legs for closing said valves and arranged also for alternately releasing or depressing said legs for opening one of said valves while the other is closed.

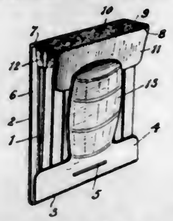
2,129,101
APPARATUS FOR SEGMENTING INTEGUMENT FREE FRUIT SEGMENTS
Ralph Polk, Jr., Haines City, Fla.
Application November 29, 1937, Serial No. 177,135
19 Claims. (Cl. 146—3)



1. Apparatus for segregating natural fruit segments from their integuments, comprising a primary and a secondary annular group of spoons grouped about a common axis, means for supporting a fruit with its polar axis in substantial

alignment with the axis of said groups, supporting means for the secondary spoons radially of the group axis, an actuator connected with said secondary spoons to move the same toward the group axis between adjacent spoons of the primary axis, and to retract said secondary spoons from the group axis, and latching means positioned to engage and restrain the secondary spoons in interdigitated relation with the primary spoons.

2,129,102
MATCH BOOK
Frederick J. Redcliffe, New York, N. Y.
Application February 19, 1938, Serial No. 191,358
5 Claims. (Cl. 40—126)



1. An article of the character described, comprising a match book having a covering composed of a single strip of flexible material transversely folded to form it into a back, a cover flap and a retaining flap, the cover flap being of a length less than half the length of the back, the retaining flap having an upward extension constituting the major portion of the front wall of the book and formed with a profile representation of an article to be advertised, the cover flap having a free end adapted to be engaged in back of the free end of said profile representation to hold the cover in closed position, said profile representation being disposed in fixed position relative to the matches in the book and visible whether the cover flap is open or closed.

2,129,103
CIRCULAR KNITTING MACHINE
Paul Sander, Chemnitz, Germany, assignor to the firm Chemnitzer Strickmaschinen-Fabrik Akt. Ges., Chemnitz, Germany
Application March 31, 1936, Serial No. 71,817
In Germany August 10, 1934
5 Claims. (Cl. 66—24)



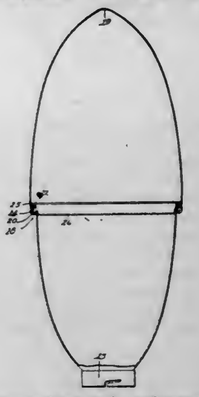
2. In a circular knitting machine for the automatic production of knitting hosiery with changeover from 1:1 to 2:2 rib and back to 1:1 rib or the like, a cylinder, a dial, two sets of latch needles of which one set is on said cylinder and the other on said dial, said two sets being displaced relative to another, a distance equal to one half the distance between adjoining needles in each set and stitch transferring means on each needle of the two sets, extending laterally in opposite directions into the spaces between adjacent needles of their respective sets.

2,129,104
HYDRAULIC MOTOR
Theo Seifer, Berlin, Germany
Application October 19, 1937, Serial No. 169,801
In Germany October 29, 1936
8 Claims. (Cl. 255—4)



1. In a hydraulic motor operated by means of a flushing liquid in a well, the combination of a hollow shaft, a piston connected with said shaft, a cylinder slidably enclosing the piston, a chisel carried by said cylinder, the piston being provided with an opening, a valve adapted to close said opening and to reverse the movement of the cylinder, members arranged between the cylinder and the piston controlling the valve, a casing secured to the piston enclosing the said members, and means within the said casing for locking the said members in their end positions.

2,129,105
DUST BAG FOR PNEUMATIC CLEANERS
Thomas E. Spence, Madison, Wis.
Application July 2, 1937, Serial No. 151,595
3 Claims. (Cl. 183—51)



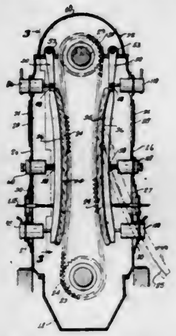
3. In a vacuum cleaner bag formed of two parts for ready separation for dust disposal, each of said parts being provided with a hem, a wire-like loop of substantial thickness in cross section receivable in one of said hems to form an outer loop with an inwardly disposed shoulder, and an inner loop disposed in the other of said hems receivable in abutment against said shoulder.

2,129,106
FOOTWEAR
Andreas Szerenyi and Hans Rollmann, Brussels, Belgium, assignors to the firm Rollmann, Kaufmann & Co., Société au nom collectif, Brussels, Belgium
Application January 7, 1937, Serial No. 119,511
In Austria January 8, 1936
6 Claims. (Cl. 36—14)



1. An article of footwear comprising an upper, a dense rubber outer sole not in contact with said upper and provided on its upper face with a recess corresponding in outline to that of the lower edge of said upper, a body of sponge rubber located in said recess and vulcanized onto said upper as well as onto said outer sole so as to serve as their exclusive connecting means.

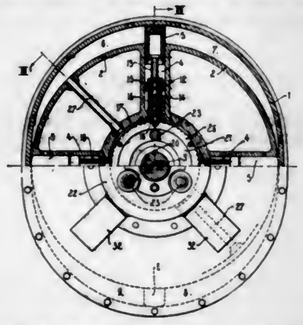
2,129,107
POWER TRANSMISSION MECHANISM
James H. Taylor, Hamilton, Ohio, assignor to Fairbanks, Morse & Co., Chicago, Ill., a corporation of Illinois
Application March 28, 1936, Serial No. 71,367
10 Claims. (Cl. 74—242.11)



1. In a chain drive assembly for the purpose described, spaced shafts, sprockets carried by said shafts, a chain operatively connecting said sprockets, a chain shoe adapted for engagement with a portion of the chain, a pivoted support for said shoe, independent fluid pressure-operated devices, operatively associated respectively with said shoe and with said pivoted support, each of said devices being adapted for urging said shoe into tensioning engagement with the chain, and a device acting on said shoe, and adapted to limit chain-displacement thereof in one direction.

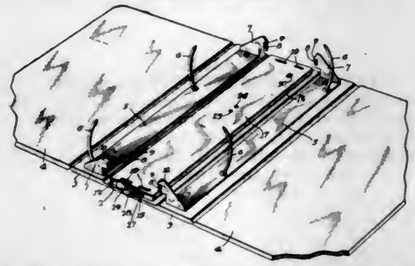
2,129,108
CLUTCH
Alexander P. A. ten Broek, Kediri, Java, Dutch East Indies
Application April 17, 1936, Serial No. 75,006
In the Netherlands April 18, 1935
3 Claims. (Cl. 192—58)

1. A clutch comprising a driving shaft and a driven shaft coaxial therewith, a body fixed upon the driving shaft and a second body fixed upon the driven shaft, the one body being located within the other so as to define chambers having different cross-sectional areas in different radial planes and said chambers being filled with liquid and located in pairs the one diametrically opposed to the other, a hollow space centrally with-



in the inner body, passages connecting said chambers with said hollow central space, radial slots in the inner body, pistons adapted to reciprocate in said slots and to fill up the cross-sectional areas of said chambers, resilient means for moving said pistons into and out of position for filling up said cross-sectional areas, and means for actuating said resilient means.

2,129,109
LOOSE LEAF BINDER
Paul O. Unger, Elmhurst, Ill., assignor to Wilson-Jones Company, Chicago, Ill., a corporation of Massachusetts
Application August 27, 1936, Serial No. 98,121
4 Claims. (Cl. 129—17)

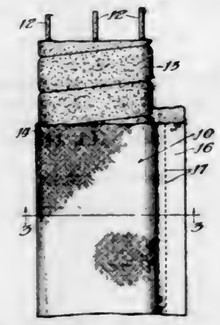


1. In a loose leaf binder, a back member, a shallow compartment parallel to said back member, a pair of prong carrying plates hingedly mounted adjacent opposite edges of said back member, a projection on each of said prong plates adapted to pass into said compartment when the binder is in closed position, and means in said compartment adapted to cooperate with said projections to hold said binder in closed position.

2,129,110
HEAT INSULATING TAPE
Jesse M. Weaver, Charleston, S. C., assignor to Raybestos-Manhattan, Inc., Passaic, N. J., a corporation of New Jersey
Application April 26, 1937, Serial No. 138,983
6 Claims. (Cl. 154—44)

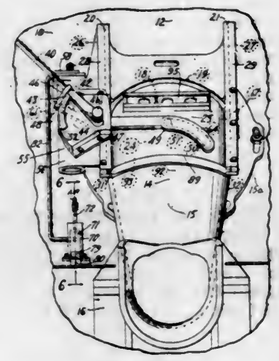
1. An insulating tape adapted to be wrapped about a pipe, conduit or container, comprising a

plurality of spaced-apart longitudinally extend-



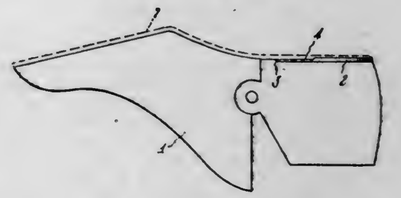
ing strands or cords, and soft asbestos material wound around said strands.

2,129,111
COMBINED STOKER AND FIREDOOR
Howard P. Anderson, Erie, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc., a corporation of Delaware
Application January 14, 1935, Serial No. 1,825
2 Claims. (Cl. 110—101)



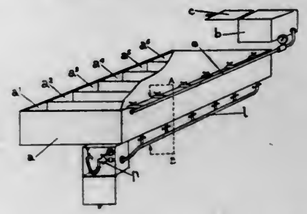
1. In combination with a firebox having an upright wall provided with a firing opening therein for hand and stoker firing, a stoker conduit extending upwardly from below the level of the firing opening and having a horizontally directed discharge mouth communicating with said firing opening and being in substantial register therewith, said discharge mouth having a top wall extending rearwardly from adjacent the upper margin of the firing opening and side walls extending rearwardly from adjacent the marginal sides of the firing opening, the rearward edges of said side walls being offset from the rear of said conduit toward the plane of said firebox wall, the rearward edges of said side walls and the rearward edge of said top wall defining an aperture in the upper rearward portion of said conduit opposite the firing opening, the height and width of said aperture being substantially as great as the height and width respectively of said firing opening, the upper marginal edge of said conduit immediately rearward of the lower ends of the rearward edges of said offset sidewalls lying in a plane transverse with respect to the direction of extent of said conduit and defining an aperture forming with said first named aperture a continuous opening, a movable door for said continuous opening, the marginal edges of said door contacting the contiguous edges of the conduit that define said continuous opening, the inner surface of said door being concave to form a continuation of the walls of said conduit.

2,129,112
MEANS FOR FACILITATING PLACING OF SOLE MEMBERS AND THE SHAPING OF SHOE COUNTERS
Fred L. Ayers, Watertown, Mass., assignor to Brown Company, Berlin, N. H., a corporation of Maine
Application July 2, 1935, Serial No. 29,478
1 Claim. (Cl. 12—141)



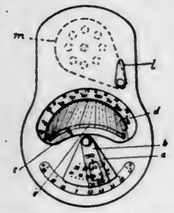
A last having a recess at the heel end of its sole face and a heel seat plate seated in said recess with its outer face forming a smooth continuation of the sole face of the last immediately forwardly thereof, said plate having a marginal flange projecting from its outer face and extending about the rear edge of said plate and forwardly on opposite sides, said flange being located at the extreme outer margin of the seat face of said plate.

2,129,113
DEVICE FOR THE TRANSPORTATION AND DISTRIBUTION OF LIQUIDS
Jean Louis Roger Bancons, Dax, France
Application February 11, 1937, Serial No. 125,181
In France February 12, 1936
6 Claims. (Cl. 221—100)



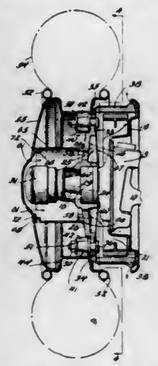
1. A device for transporting and distributing liquids, said device comprising a container adapted to be mounted upon a vehicle and having a plurality of compartments, a filling station, at least one pipe connecting said compartments with said filling station, at least one valve carried by said pipe, a distributing station, a hollow container, means connecting said container with said compartments, a pipe connecting said container with said distributing station, a valve carried by said pipe, and means connected with said container for varying the volume of its interior to stabilize a liquid within said compartments and to prevent its movement during transportation.

2,129,114
MULTIRANGE PHOTOELECTRIC EXPOSURE METER
Albrecht Bernhard and Guido Beyrich, Nuremberg, Germany, assignors to Metrawatt Aktiengesellschaft Fabrik Elektrischer Messgeraete, Nuremberg, Germany, a company of Germany
Application February 27, 1936, Serial No. 66,092
In Germany March 2, 1935
9 Claims. (Cl. 88—23)



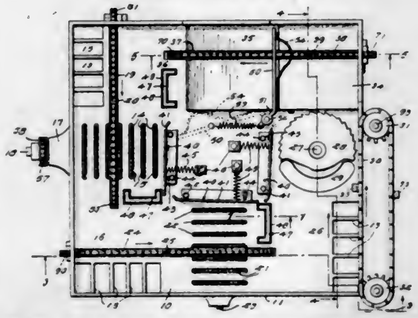
1. Photo-electric exposure meter, comprising at least one photo-electric element, an electric current meter electrically connected to said photo-electric element, a scale provided on said meter, a pointer actuated by said meter and co-operating with said scale, means for varying the photo-electric current supplied to said meter to alter the range of measurement, a movable second scale co-operating with said first scale, a scale of stop values, means for positioning said movable scale in accordance with a given stop value, and indicating means provided on said positioning means, co-operating with said scale of stop values, and comprising a plurality of indicating marks corresponding to different ranges of measurement, the distance between two indicating marks being determined by the logarithm of the ratio of the photo-electric currents in the corresponding ranges of measurement.

2,129,115
VEHICLE WHEEL
Frank C. Best, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application March 23, 1934, Serial No. 717,108
5 Claims. (Cl. 301—6)



1. A vehicle wheel assembly comprising a hub having an apertured radial flange, a rim secured to said flange, a brake drum secured to said flange, means for forcing air through the apertures in said flange and about said brake drum, said means comprising vanes formed on said flange, and a disk shaped cover plate detachably engaging said rim, said cover plate being apertured to permit passage of air therethrough.

2,129,116
ICE CUBING MACHINE
Charles Buffehr, Cheyenne, Wyo.
Application April 13, 1937, Serial No. 136,675
7 Claims. (Cl. 143—38)



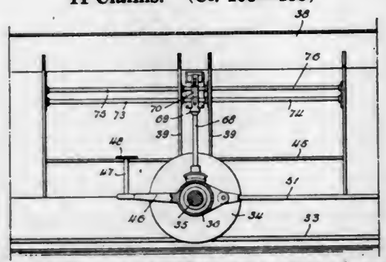
5. In an ice cube cutting machine having a series of runways disposed at right angles to each other and constituting a cyclic path over which the ice block to be cubed is successively carried; vertical guides located at the junction of one runway with another and extending across and at right angles to the preceding runway and parallel to and at the side of the succeeding runway; the runways having slots through which the guides are upwardly projected; and springs projecting said guides; the rear face of each guide being downwardly inclined to permit an approaching block of ice to ride over and depress the guide.

2,129,117
BOLT AND HASP FASTENING FOR ATTACHÉ AND SUITCASES AND THE LIKE
Charles William Cheney, Birmingham, England
Application April 12, 1938, Serial No. 201,472
In Great Britain January 14, 1937
2 Claims. (Cl. 292—281)



2. Bolt and hasp fastenings of the kind described combining a casing containing a bolt, an opening in the casing to expose the nose of the bolt, a rigid projection having an overhanging portion, said projection being a separately formed part rigidly applied to the casing, and a hinged hasp member provided with a slot to receive the projection so that its overhanging portion forms an abutment in front of the hinge of the hasp member which also has a loop to co-operate with the nose of the bolt.

2,129,118
SPRING FOR CARS
Friedrich Konrad Clar, Berlin-Hermsdorf, Germany, assignor to Rheinmetall-Borsig Aktiengesellschaft Werk Borsig Berlin-Tegel, Berlin-Tegel, Germany, a corporation of Germany, and Carl Geissen, Berlin-Schoneberg, Germany
Application February 10, 1937, Serial No. 125,105
In Germany February 11, 1936
11 Claims. (Cl. 105—453)



1. In a vehicle, an axle support, rod springs situated close to the roof of the vehicle, torsion levers connected with said rod springs, resilient supporting means connecting said torsion levers with said axle support, links, one end of each link being pivotally connected with one end of a separate torsion lever, another rod spring, means supporting the last-mentioned rod spring adjacent the roof of the vehicle, torsion levers connected with the last-mentioned rod spring, the other end of each link being pivotally connected with a separate one of the last-mentioned torsion levers, the last-mentioned rod spring being free from tension in the neutral position of the vehicle.

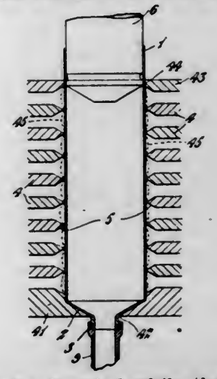
2,129,119
EXTRUSION CONTAINER
Charles Davis, Neuilly-sur-Seine, France
Application April 22, 1937, Serial No. 138,451
In Great Britain December 16, 1936
8 Claims. (Cl. 221—60)



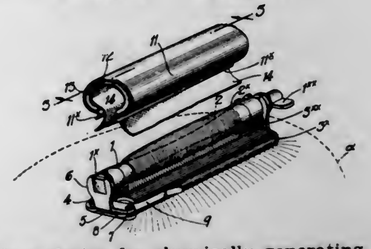
1. An axially collapsible, non-resilient, metal, extrusion-container for fluid, semi-fluid and pasty substances, comprising a tubular body, an extrusion nozzle at one end of said body and a stopper at the other end, said body throughout the greater part of its length having V-shaped outward pleats and a plain tubular end adjacent to said nozzle, and a rigid casing surrounding said pleated body and having a shoulder resting on the uppermost pleat of said body and surrounding said tubular end.

2,129,120
METHOD OF FORMING EXTRUSION CONTAINERS
Charles Davis, Neuilly-sur-Seine, France
Application April 22, 1937, Serial No. 138,453
In Great Britain July 28, 1936
3 Claims. (Cl. 153—73)

1. A process for making an axially collapsible nonresilient metallic tubular extrusion container for fluid, semifluid, or pasty substances, consisting in inserting a tube of metal, such as lead, tin or aluminum, in a multi-plate expansible and contractible mold, the plates of the mold having opposite edges so shaped that when the mold is contracted, such mold edges cooperate to form alternate ridges and grooves of V-shape, the metallic tube being inserted while the mold is expanded, injecting a fluid pressure medium into said tube, and then contracting the mold while maintaining the internal pressure so that the tube conforms to the mold and the elasticity of the tube is very materially reduced in the metal of the tube at the roots and crests of the V-shaped outward pleats formed by the mold.



2,129,121
HAIR CURLING APPARATUS
Jacob De Duke, New York, N. Y.
Application October 28, 1937, Serial No. 171,436
5 Claims. (Cl. 132—33)

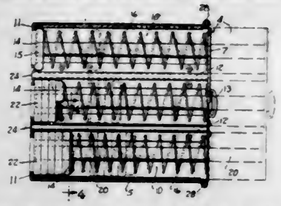


1. In a device for chemically generating heat for hair waving, a snap holding element of springy metal, arcuate in cross section, and split longitudinally, and a bag containing a chemical mixture adapted to generate heat in the presence of moisture, said bag conforming to the inner wall curvature of the holder and being held therein.

2,129,122
DISPLAY STAND
Charles A. Follett, Canajoharie, N. Y., assignor to Beech-Nut Packing Company, Canajoharie, N. Y., a corporation of New York
Application July 10, 1936, Serial No. 89,962
3 Claims. (Cl. 211—49)

3. In a display stand for articles of the class described, a casing having an opening in the front thereof, a drawer mounted to slide in the casing toward and from said opening having a compartment therein extending longitudinally thereof, a runway in said compartment extending longitudinally thereof for supporting articles one

behind the other in stacked relation, a follower mounted to slide in the compartment and engaging the rearmost article, and a coiled spring interposed between the follower and the rear end



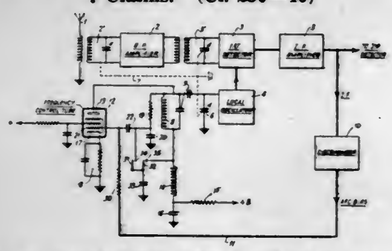
of the compartment for pressing the follower forwardly, said spring having its forward end secured to the follower with the lower portions of the coils of the spring passing beneath the runway so as to be guided by the runway.

2,129,123

AUTOMATIC FREQUENCY CONTROL CIRCUIT

Dudley E. Foster, South Orange, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application March 31, 1937, Serial No. 133,945
7 Claims. (Cl. 250—40)



1. In combination with a resonant circuit of the type including a coil and a condenser in shunt therewith, said circuit being tuned to a desired frequency, an electron discharge tube including at least a cathode, a control grid and an anode, means for connecting the anode of said tube to a point on said coil whereby space current of said tube flows through the coil, a reactive path in shunt with said coil for developing alternating voltage from current flowing through said coil, means for impressing alternating voltage developed across said path upon said control grid, the voltage impressed on said control grid being so related in phase with respect to the said current flow through said coil that an inductive reactance is simulated in shunt with said coil, means for varying the gain of said tube to vary the magnitude of said simulated reactance, and additional means for impairing the impression of said alternating voltage on said control grid to an extent sufficient to render the resonant circuit immune from said simulated reactance.

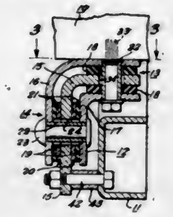
2,129,124

TRANSMISSION MOUNT

Harvey D. Geyer, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application September 14, 1933, Serial No. 689,358
4 Claims. (Cl. 248—9)

1. In an automobile, in combination, a power plant unit, a chassis frame having a cross frame member, a resilient support supporting the weight of one longitudinal end of said power plant unit upon said cross member, said support comprising: a mount resiliently supporting the vertical load of the power plant upon said cross member and being relatively more yieldable in a horizontal than vertical direction, and a second adjacent mount independently transmitting lon-



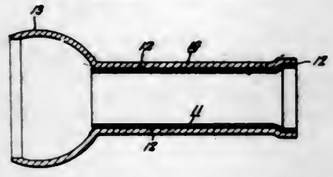
gitudinal thrust loads between said cross member and said power plant, said second mount being relatively more yieldable in a vertical than longitudinal direction and having relatively slidable friction means which damps the vertical movement between said power plant and cross member by sliding friction.

2,129,125

BEARING HAVING A NONMETALLIC FABRIC LINING AND METHOD OF MAKING SAME

Harvey D. Geyer, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application March 27, 1935, Serial No. 13,366
5 Claims. (Cl. 154—2)



5. The steps in the method of surface-bonding a non-metallic fibrous lining to the inner surface of a hollow metal back comprising: providing a coating of a relatively low-melting metal upon said lining, inserting said lining within said hollow metal back with its metal coating in contact therewith, forcing said lining outwardly against said metal back by inserting thereinto and outwardly expanding an interior expansible member, and rapidly originating heat within the body of said metal back by electric induction until a temperature is reached which will cause said metal coating to molecularly bond to said back then quickly cooling the assembly, whereby to limit any harmful effects of the bonding temperature upon said fibrous lining.

2,129,126

ADHESIVE COMPOSITION

Warren E. Glancy, Waltham, Mass., assignor to Hood Rubber Company, Inc., Watertown, Mass., a corporation of Delaware

No Drawing. Application June 15, 1937, Serial No. 148,302
11 Claims. (Cl. 134—23.6)

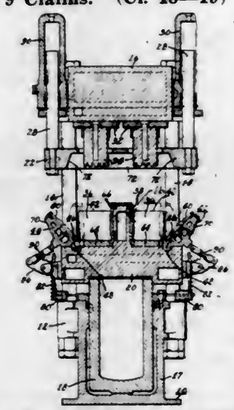
1. An aqueous dispersion of rubber containing a water-soluble imide of an acid selected from the class consisting of succinic acid, phthalic acid and sulfo-benzoic acid.

2,129,127

MOLDING MACHINE

Louis C. Goad, Flint, Mich., and Richard Hasbrouck and Everett W. Beckman, Muncie, Ind., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application October 8, 1934, Serial No. 747,384
Renewed July 15, 1937
9 Claims. (Cl. 18—19)



6. In a molding device, the combination of two cooperating mold elements, one of the mold elements having a wall hinged for rotation about an axis transverse to the direction of movement of the movable mold element, said wall normally remaining in closing position by gravity; means for moving one mold element relative to the other; a stop provided by the mold element having the hinged wall; meshing rack and gear segment members, means for moving one of said members relative to the other directly in response to relative movement between said mold members, a link connecting said wall with an eccentric portion of the segment; said rack extending at right angles to the axis of rotation of the hinged wall, said segment having a shoulder and being mounted upon the mold element having the hinged wall and rotatable about an axis parallel to the axis of rotation of the hinged wall and the rack and segment demeshing from each other when the hinged wall assumes mold closing position prior to the complete interfitting of the mold elements and an end tooth of the segment being in meshable alignment with the rack when said wall is in mold-closing position, the shoulder being so located relative to the segment as to engage said stop when the wall is in closed position in which the point of attachment of the link with the segment has traveled slightly beyond a line connecting the axis of the segment with the point of attachment of the link with the movable wall.

2,129,128

PNEUMATIC TIRE CASING

Louis Gottlieb, Kansas City, Mo.

Application July 22, 1936, Serial No. 91,899
8 Claims. (Cl. 152—179)



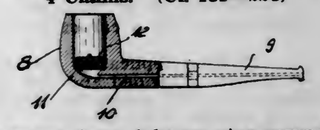
1. A casing for pneumatic tires comprising an annular one-piece casing having a tread portion at its outer periphery; spaced-apart, auxiliary tread members positioned on said tread portion; and elastic connectors extending diagonally through the outer portion of said tread portion and said tread members to independently secure each of said auxiliary tread members to said tread portion.

2,129,129

SCREEN FOR TOBACCO PIPES

John E. Groulx, Bay City, Mich.

Application October 21, 1937, Serial No. 170,191
4 Claims. (Cl. 131—224)



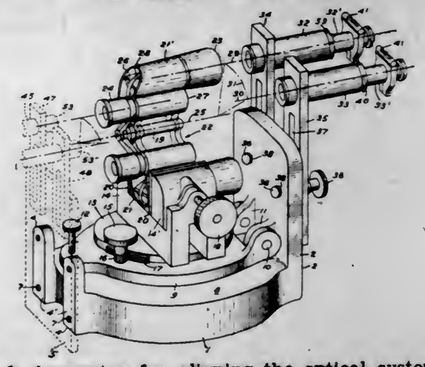
1. A screen for a tobacco pipe comprising an endless coil spring forming a ring of predetermined diameter, and a flat screen mounted thereon and forming a cover for said ring.

2,129,130

COLLIMATING APPARATUS FOR ALIGNING PRISM-TYPE BINOCULARS

William O. Hammer, San Francisco, Calif.

Application April 28, 1937, Serial No. 139,348
11 Claims. (Cl. 88—1)



1. Apparatus for aligning the optical systems of jointed binocular field glasses comprising a pedestal provided with a vertical flange, a table pivotally mounted on said pedestal for vertical tilting and provided with means for adjusting it to various degrees of tilting, a plate mounted on said table for rotation about an upright axis, and provided with means for adjusting it to any desired degree of rotation, a vise carried by said plate adapted for clamping one barrel of a binocular field glass with the other barrel free to swing, and a pair of collimator tubes adjustably secured to said vertical flange adapted respectively for aligning with the optical axis of said free barrel in two positions of swinging.

2,129,131

PELLICLE AND THE MANUFACTURE THEREOF

Archibald Stuart Hunter, Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Original application July 19, 1934, Serial No. 736,132. Divided and this application October 28, 1936, Serial No. 108,066
10 Claims. (Cl. 91—68)

1. A light filter having material associated

therewith which is an absorbent for light rays within the range 3200–4000 Å., said light filter transmitting at least 50% of available visible solar light and absorbing at least 90% of light within the range 3500–3700 Å., said absorbent material being characterized in that it exhibits a slight ability for reradiation as evidenced by fluorescence.

2,129,132

ARTICLE OF MANUFACTURE AND METHOD FOR PRODUCING SAME

Archibald Stuart Hunter, Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Original application July 19, 1934, Serial No. 736,132. Divided and this application October 28, 1936, Serial No. 108,067

12 Claims. (Cl. 91—68)

1. A light filter having associated therewith a derivative of phenyl hydrazine which is an absorbent for light rays within the range 3200–4000 Å., said light filter transmitting at least 50% of available visible solar light and absorbing at least 90% of light within the range 3500–3700 Å.

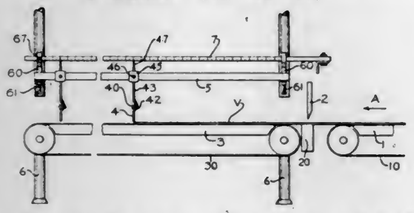
2,129,133

VENEER GAUGE FOR CLIPPERS

Hajo Bernhard Iben, Hoquiam, Wash., assignor to Harbor Plywood Corporation, Hoquiam, Wash., a corporation of Delaware

Application November 2, 1937, Serial No. 172,393

4 Claims. (Cl. 164—59)



1. A gauge for use in gauging the width of a strip of veneer or like flimsy material as it moves lengthwise of a table, preparatory to clipping such strip, comprising a bar above and extending lengthwise of the table, a scale disposed parallel to said bar, a member mounted on said bar for sliding adjustment lengthwise of the bar, and carrying an index cooperating with said scale, a finger pivotally depending from said member and having its lower tip lying above the normal level of veneer upon the table, said finger being swingable in the direction of movement of the veneer, whereby it may be swung aside by a warped portion of the veneer, as the latter passes, and means to adjust said bar vertically, to adjust the clearance of the finger's tip above the table.

2,129,134

FOUNTAIN PEN

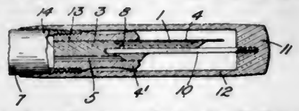
William Frederick Johnson, London, England, assignor to Mentmore Manufacturing Co. Limited, Hackney, London, England, a company of Great Britain

Application July 17, 1937, Serial No. 154,287

In Great Britain July 21, 1936

10 Claims. (Cl. 120—50)

1. Fountain pen comprising in combination with an ink-container and a nib, ink-feeding means formed with an ink-feed channel which consists of a section communicating with the ink-container but not leading directly to the nib, a section leading to the nib but not communicating with the ink-container and an intermediate transverse section communicating between



the two said sections, and an air duct communicating at one end with the atmosphere and at the other end with the ink-feed channel but not extending into the ink-container.

2,129,135

RUBBER COMPOSITION AND METHOD OF PRESERVING RUBBER

Webster N. Jones, Pittsburgh, Pa., assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

No Drawing. Original application January 22, 1931, Serial No. 510,514. Divided and this application August 11, 1936, Serial No. 95,427

11 Claims. (Cl. 18—50)

1. The method of preserving rubber which comprises treating rubber with a compound consisting of two di-hydrocarbon substituted amino groups attached to a single aromatic hydrocarbon nucleus.

2,129,136

SOLID DIAZONIUM SALT

Ferdinand Keller and Wilhelm Koch, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application March 10, 1937, Serial No. 130,219. In Germany March 10, 1936

6 Claims. (Cl. 260—141)

1. The solid diazonium salts of the following general formula:

$$RO—R_1—N=N—OSO_3R_2$$

wherein R stands for a member of the group consisting of radicals of the benzene, naphthalene, tetrahydronaphthalene, diphenyleneoxide and carbazole series, R_1 for a member of the group consisting of radicals of the benzene and naphthalene series, and R_2 means a lower alkyl group, being very stable and easily soluble in water.

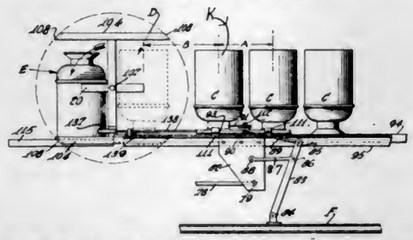
2,129,137

CAN TURNING MACHINE

Ira H. Kendall, Potsdam, N. Y., assignor to Genevieve A. Kendall, Potsdam, N. Y.

Application May 13, 1935, Serial No. 21,176

11 Claims. (Cl. 214—1)



8. In a can washing machine having a runway along which the cans are advanced in an inverted position, an inverter for righting said cans, said inverter having a plurality of can holders, means for rotating said inverter to move each of said holders in succession first to a position to receive a can from said runway and thereafter to a position at which the can is discharged in an upright position and means upon which the righted can is deposited, said first named means being operative to arrest the movement of said inverter as the cans are delivered to and discharged from said holders.

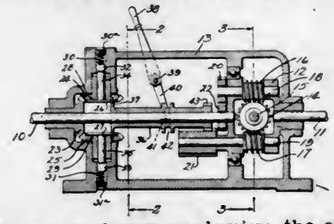
2,129,138

SPEED CHANGE MECHANISM

Frank M. Klema, Racine, Wis.

Application July 27, 1936, Serial No. 92,722

4 Claims. (Cl. 74—285)



1. In a rate change mechanism the combination of a driving shaft, a driven shaft, a rotatable cage connected for rotation of said driven shaft, and transmission mechanism connecting said driving shaft for rotation of said cage including a worm wheel rotatably mounted on said cage, a plurality of rotatable worms each engaging said wheel, a train connecting said driving shaft through one of said worms for continuously urging rotation of said wheel, a rate changer driven from said drive shaft, and another train connecting said rate changer and wheel through the other of said worms.

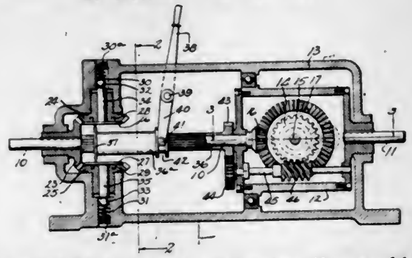
2,129,139

SPEED CHANGE MECHANISM

Frank M. Klema, Racine, Wis.

Application September 21, 1936, Serial No. 101,718

10 Claims. (Cl. 74—285)



1. In a rate change mechanism the combination of a driving shaft, a driven shaft, a rotatable cage connected for rotation of said driven shaft, and a plurality of trains simultaneously connecting said driving shaft for rotation of said cage, one of said trains including said driving shaft, a rate changer, a worm and a worm wheel in series in the order recited, the other of the said trains including said driving shaft, a pair of meshed bevel gears, and speed reducing gearing in the order recited.

2,129,140

GLIDER SWING

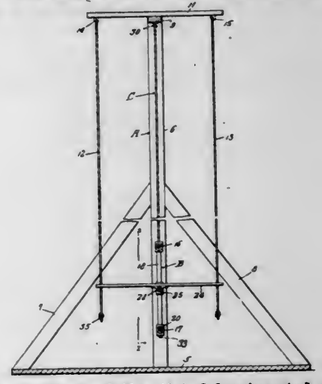
Laurel Knight, Amityville, N. Y.

Application July 15, 1935, Serial No. 31,475

Renewed May 6, 1938

5 Claims. (Cl. 155—63)

1. In a swing, an upright rigid frame including an upright member, a pair of horizontal members at the ends of the upright member, and a third horizontal member between the pair of horizontal members, a pair of flexible lateral suspension members connected with the ends of the pair of horizontal members for supporting the frame so as to swing back and forth, a seat board fulcrumed solely at its center across an intermediate portion of the third horizontal member between the suspension members and projecting from both sides thereof to provide an equipoised seat on both sides of the frame, and flexible means for engaging the opposite ends of said seat board to limit movement about said center fulcrum.



2,129,141

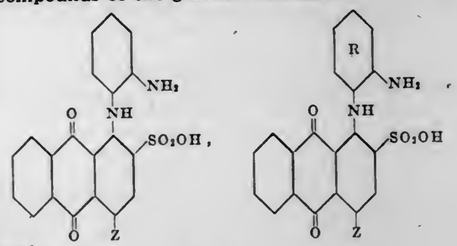
AMINO-ANTHRAQUINONE COMPOUNDS

Georg Kränzlein, Ernst Diefenbach, and Fritz Eggert, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

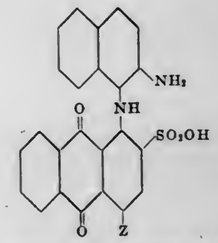
No Drawing. Application December 7, 1935, Serial No. 53,418. In Germany December 7, 1934

4 Claims. (Cl. 260—374)

1. The members of the group consisting of compounds of the general formulae:



and



wherein the nucleus R contains at least one substituent of the group consisting of carboxylic ester, sulfonic acid, methyl, methoxy and chlorine, and Z means a member of the group con-

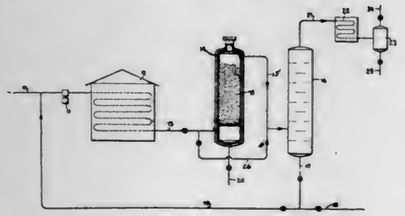
sisting of hydrogen, halogen, alkylamino and arylamino, and the salts thereof, dyeing wool and silk brown tints.

2,129,142

PROCESS OF IMPROVING MOTOR FUEL

Ward E. Kuentzel, Whiting, Ind., Theodore A. Geissman, Minneapolis, Minn., and Howard R. Batchelder, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill., a corporation of Indiana

Application March 25, 1936, Serial No. 70,802
10 Claims. (Cl. 196—52)



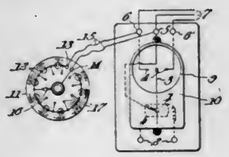
10. A methtod of improving the anti-knock properties of a hydrocarbon fraction consisting principally of gasoline constituents which comprises contacting the hydrocarbon fraction with a catalytic material formed by mixing 85 to 97% of an hydroxide selected from the group consisting of ferric hydroxide, nickel hydroxide and cobalt hydroxide, 14 to 2% of aluminum hydroxide, and about 1% of an hydroxide selected from the group consisting of sodium hydroxide and potassium hydroxide and drying the admixture at an elevated temperature sufficient to convert substantially all of the hydroxides into oxides, maintaining said hydrocarbon fraction in contact with said catalyst for a short interval of time while at a temperature within the range of 850–950° F., cooling the treated products and separating therefrom a liquid motor fuel having higher anti-knock properties than the charged fraction of hydrocarbons.

2,129,143

ARC DETECTOR AND SUPPRESSOR

Anthony H. Lamb, Elizabeth, N. J., assignor to Weston Electrical Instrument Corporation, Newark, N. J., a corporation of New Jersey

Application January 6, 1936, Serial No. 57,835
4 Claims. (Cl. 175—183)



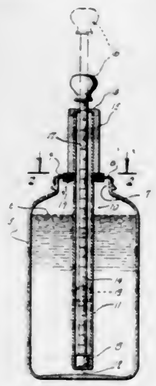
1. The combination with an instrument type relay having contacts included in a local circuit, of means connected across said contacts to suppress arcing conduction and to measure the magnitude of the transient arc voltage, said means comprising a plurality of serially connected gaseous discharge tubes, a connection from one of said contacts to one end terminal of said serially connected tubes, switch means having a contact arm adapted to be adjusted to include any desired number of said tubes between said contact arm and the said end terminal, and a connection from said contact arm to the other contact of said relay.

2,129,144

LIQUID METER

Graham H. Lancaster, Los Angeles, Calif., assignor to Lancaster Inc., Los Angeles, Calif., a corporation of California

Application September 17, 1937, Serial No. 164,295
1 Claim. (Cl. 221—147)



A device of the character described comprising: a container adapted to hold a supply of liquid; a cap to close the top of the container, said cap having a hole therethrough; a tube insertable through said hole into the liquid, said tube being long enough to reach substantially to the bottom of the container while a portion thereof projects above the cap; a hand grip fastened to the upper end of the tube, said hand grip having sufficient length to permit the same to be firmly grasped in one hand and its lower end providing an abrupt shoulder, the upper end of the hand grip closing the top of the tube except for a guide hole; a plunger reciprocal in the tube for sucking liquid into it; a plunger rod extending up from the plunger and through the guide hole; a knob on the upper end of the plunger rod whereby the plunger is readily reciprocal when the hand grip is firmly held and without entailing contact of the hands with any part of the tube or the plunger rod; and means at the edge of the hole in the cap engageable by the shoulder at the bottom of the hand grip to limit insertion of the tube into the container and to frictionally engage the side of the tube and strip off excess liquid from the tube during its withdrawal from the container.

2,129,145

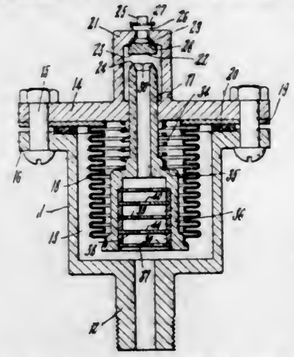
SELF CLEANING SPRAY NOZZLE

Roland L. Lincoln, Waterbury, Conn., assignor to Hoffman Specialty Company, Waterbury, Conn., a corporation of Illinois

Application May 6, 1936, Serial No. 78,156
11 Claims. (Cl. 299—59)

8. A spray nozzle comprising a casing having an inlet for liquid, a tube opening from, and being movable endwise relatively to the casing, an abutment located across the end of the tube, there being a restricted opening between the abutting faces of the tube and abutment through which

discharge of liquid is permitted, and means whereby the pressure of liquid admitted to the casing



causes the tube to move endwise into bearing engagement with the abutment.

2,129,146

INSULATING DIELECTRIC MEDIA

Wilhelm Lommel, Leverkusen-Wiesdorf, and Rudolf Engelhardt, Leverkusen-I. G. Werk, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application February 5, 1934, Serial No. 709,902. In Germany February 18, 1933
5 Claims. (Cl. 106—17)

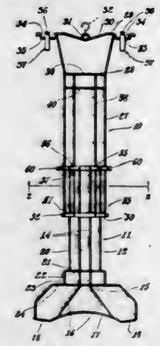
1. The use of a chlorinated naphtho-nitril as a dielectric and insulating medium in the preparation of insulating materials and condensers.

2,129,147

APPAREL APPARATUS

Morris Lazow, Brooklyn, N. Y.

Application May 7, 1937, Serial No. 141,319
4 Claims. (Cl. 38—102)



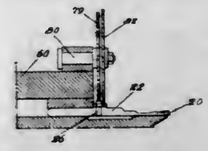
1. In an apparel apparatus, the combination of an elongated frame comprising a plurality of substantially flat extensible members made from a plurality of elongated rods mounted in spaced relation, one of the members having a concavely curved portion at the outer end thereof adapted to engage the crotch portion of a pair of trousers between the leg portions thereof, the other of said flat members being of sufficient width to engage a substantial portion of the width of the lower portion of the trousers, and being provided with means at its outer end for detachably securing the cuff portions of the trousers.

2,129,148

INDEPENDENT NEEDLE KNITTING MACHINE

Albert E. Page, Brooklyn, N. Y., assignor to Scott & Williams, Incorporated, New York, N. Y., a corporation of Massachusetts

Application October 12, 1937, Serial No. 168,645
8 Claims. (Cl. 66—25)



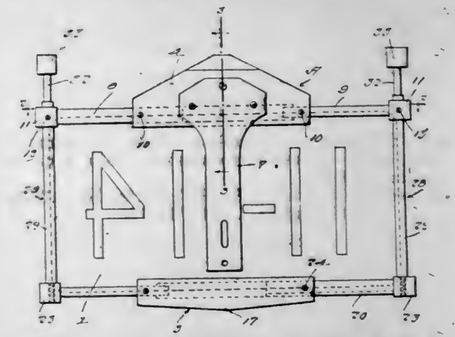
1. A knitting machine having a needle bed and a plurality of independent needles therein having hooks and shanks, one or more of said needles having a butt slidable with relation to the shank of the needle in the plane of the hook of the needle and of sufficient size to project above or below the rest of its needle for selecting purposes, there being a groove in the bed whereby the butt can project below the shank in certain longitudinal positions of the needle but is cammed upwardly when moved to certain other positions and thereby caused to project above the rest of the needle.

2,129,149

LICENSE PLATE HOLDER

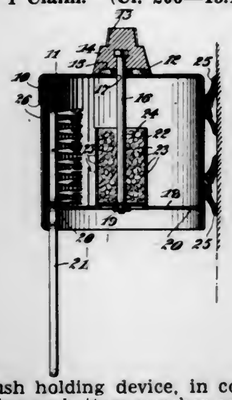
Inman Leslie Patton, Eldorado, Ill.

Application January 21, 1938, Serial No. 186,199
3 Claims. (Cl. 40—125)



1. A license plate holder comprising a frame including upper and lower sections, each section including a sleeve and telescopic rods mounted for sliding adjustment in said sleeves and projecting from the ends thereof, said sleeves and rods having slots therein for the reception of the upper and lower marginal portions of a license plate, means for securing the rods in adjusted position in the sleeves, and means adjustably connecting the upper and lower frame sections together, heads on the outer ends of the rods, the heads of the upper rods having polygonal openings extending vertically therethrough, the last named means including side members comprising polygonal bars having grooves therein for the reception of the vertical edges of the license plate, shanks on the lower ends of the bars engaged in the heads of the lower rods, the upper portions of said bars being slidably engaged in the openings in the heads of the upper bars, and means for securing the bars in adjusted position in the openings.

2,129,150
BRUSH HOLDER
John Pekrol, Newark, N. J., assignor to Saverio Allocca, Newark, N. J.
Application March 24, 1936, Serial No. 70,573
1 Claim. (Cl. 206—15.1)



In a brush holding device, in combination, a casing having no bottom member and comprising a side member and a top closure member fixedly attached thereto and having a vertical elongated recess in the side thereof allowing of the horizontal removal of brushes from within the device; a revoluble shaft carried by said top closure member and extending upwardly and outwardly from said top closure member; a supporting disk fixedly attached to the lower portion of said shaft and having a plurality of recesses extending inwardly from its periphery, and an open receptacle supported by and above said disk and surrounding a portion of said shaft between said disk recesses.

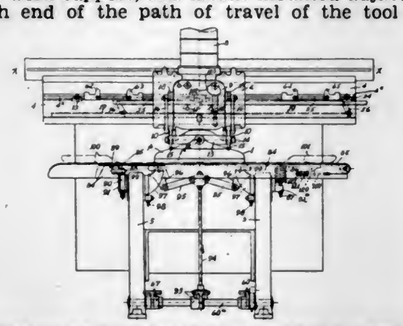
2,129,151
CONTROL APPARATUS
Estel C. Raney, Columbus, Ohio, assignor to Ranco Incorporated, Columbus, Ohio, a corporation of Ohio
Application November 8, 1937, Serial No. 173,441
12 Claims. (Cl. 74—100)



1. In a snap acting device, a pair of members each pivoted at one end thereof; resilient means acting on the free ends of the members to bias the members to one side or the other of a dead center position with respect to the member, its pivot and the line of force of the resilient means; and actuating means engaging each of said members adjacent the free ends thereof for moving the members toward their dead center position, said actuating means being adapted to move one of the members past its dead center position to cause the last mentioned member to snap the other member past its dead center position.

2,129,152
IRONING MACHINE
Gustav A. Schettler, Leeds, England, assignor to The Turner Tanning Machinery Company, Peabody, Mass., a corporation of Maine
Application February 16, 1937, Serial No. 126,016
In Great Britain March 6, 1936
23 Claims. (Cl. 149—17)

1. In a machine for performing finishing operations upon tanned hides or skins, a work support, a tool, a carriage supporting the tool, means for causing the carriage and the tool supported thereby to move first in one direction and then in another while operating on a work piece on the surface of the work support, means for automatically reversing the direction of travel of the tool at each end of its path of travel, power means mounted on the carriage to effect relative separating and approaching movements of the tool and work support, and means mounted adjacent each end of the path of travel of the tool to

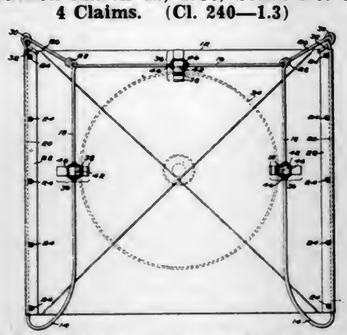


initiate operation of said power means to cause a separating and then an approaching movement of the tool and work support relatively to each other, the separation of the tool and work support continuing while the tool is moving toward the center of the machine for a substantial distance after its reversal of direction so that the tool may engage the work piece in overlapping relation to the edge thereof when the tool and work support again come into co-operative relation for treatment of the work piece during movement of the tool toward the center of the machine.

2,129,153
RESINLIKE CONDENSATION-PRODUCTS
Erik Schirm, Dessau-in-Anhalt, Germany
No Drawing. Application November 4, 1935, Serial No. 48,208. In Germany November 6, 1934
1 Claim. (Cl. 260—2)

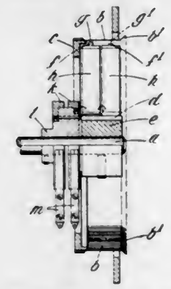
A new resin-like product obtained by the condensation of o-cresol and 2-decalol and subsequent hydrogenation of the condensation-product.

2,129,154
DIFFUSING SCREEN
Charles W. Sherman, Boston, Mass.
Application March 12, 1936, Serial No. 68,408
4 Claims. (Cl. 240—1.3)



1. In a light transmitting and diffusing device for use with a light source, the combination of a translucent, diffusing screen of flexible material, and a stretcher which in and of itself and without external aid normally maintains said screen in a plane, said stretcher comprising two generally parallel, opposite parts extending along and attached to opposite marginal portions of said screen, and means including a part extending along another marginal portion of said screen and normally maintaining said parts spread apart and having provision to permit said parts to be moved toward each other to collapse said stretcher and said screen, said parts bounding an unobstructed, light-transmitting opening.

2,129,155
VISUAL INDICATOR FOR ECHO SOUNDING APPARATUS
Donald Orr Sproule, London, England, assignor of one-half to Henry Hughes & Son Limited, London, England
Application March 27, 1936, Serial No. 71,339
In Great Britain April 2, 1935
5 Claims. (Cl. 177—386)

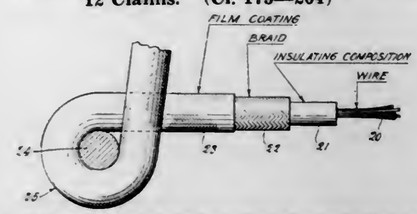


1. In a visual indicator having a scale, a series of vibratable similar elements arranged in uniformly spaced relation along the scale, a member, means for continuously moving said member along said scale at a uniform speed and electrical means mounted on said member and positioned to move close to said elements and to vibrate the elements which are in proximity thereto at the instant of excitation of said electrical means by an electrical pulse to give a temporarily persistent visual indication.

2,129,156
COATING COMPOSITION
Elmer W. Trolander and William Courtney Wilson, Chicago, Ill., assignors to Pyroxylin Products, Inc., Chicago, Ill., a corporation of Illinois
No Drawing. Application April 10, 1936, Serial No. 73,797
12 Claims. (Cl. 134—79)

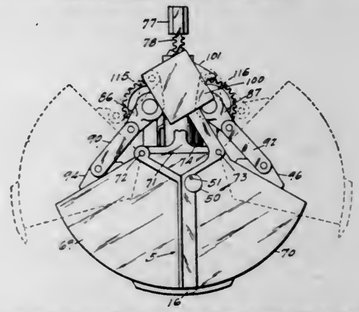
1. The method of protecting cellulose and like organic combustible matter particularly against thermal decomposition which comprises covering the same with a cellulose ether base composition containing ethyl cellulose as an essential ingredient and as a modifying agent an ester of a polyhydric alcohol and an omega-omega dicarboxylic aliphatic acid having at least a six-carbon straight chain, said ethyl cellulose and said modifying agent being present in amounts to produce a flexible composition which is relatively stable at temperatures which cause rapid deterioration of cellulose acetate and cellulose nitrate.

2,129,157
INSULATED ELECTRIC CABLE
Elmer W. Trolander and William Courtney Wilson, Chicago, Ill., assignors to Pyroxylin Products, Inc., Chicago, Ill., a corporation of Illinois
Application April 10, 1936, Serial No. 73,798
12 Claims. (Cl. 173—264)



1. A flexible insulated electrical conductor particularly useful as ignition cable for internal combustion engines and capable of attaining a temperature of 325° F. without loss of its effective properties, comprising a conductor, a rubber base insulating sleeve housing said conductor, a cellulose covering over said rubber sleeve, and a protective film over said covering, said film comprising the essential combination of cellulose ether as a base containing ethyl cellulose as an essential ingredient, as a modifying agent an ester of a polyhydric alcohol and an omega-omega dicarboxylic acid having at least a six carbon straight chain, a lubricating agent, and a fire-proofing agent.

2,129,158
CLAMSHELL DREDGE
John C. Williams, Oakland, Calif., assignor to John C. Williams Corporation, a corporation of Nevada
Application August 3, 1936, Serial No. 93,971
18 Claims. (Cl. 37—71)

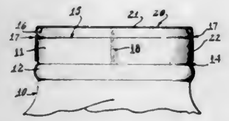


11. In a device for submarine operation, a fluid-operated prime mover; valve means and control means therefor operated through the medium of fluid of submergence when said prime mover has been lowered into said fluid of submergence to a predetermined depth, admitting fluid of submergence to said prime mover for operation thereof and sealing admitted fluid in said prime mover when said prime mover is raised to a lesser depth to hydraulically lock said prime mover against further or retrograde operation.

2,129,159
CONTAINER CLOSURE
Frank B. Busch, Toledo, Ohio, assignor to Owens-Illinois Glass Company, a corporation of Ohio
Application April 6, 1936, Serial No. 72,948
3 Claims. (Cl. 215—38)

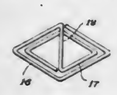
3. The combination with a container provided

with a neck defining a filling and a discharge opening, said neck being provided with an external outwardly projecting circumferential edge in the upper region thereof, said edge being spaced below the upper margin of said neck, the contour of said edge being slightly out of round, of a closure therefor comprising a substantially circular top portion provided with a flexible depending annular skirt substantially cylindrical in form,



the perimeter of said skirt being substantially equal to the perimeter of said edge, said skirt being adapted to be telescoped over said edge so that the portions of said edge which are most eccentric to the neck engage the inner surface of said skirt and cause the same to be bulged outwardly in the engaging regions thereof while the remaining regions of said skirt are drawn inwardly against said neck to frictionally maintain said closure thereon.

2,129,160
PAPER CLIP
Roy H. Colomy, Springdale, Conn., assignor of twenty-five percent to Carl W. Olson, Darien, Conn.
Application October 11, 1935, Serial No. 44,621
5 Claims. (Cl. 24—261)



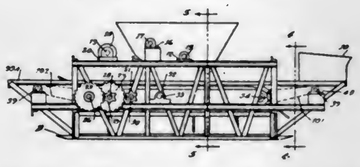
3. A paper fastener comprising a single piece of resilient wire bent in the form of a plurality of substantially diamond-shaped loops one within the other and the intermediate portion of said wire forming a cross bar extending diametrically across said loops whereby any portion of the fastener may be used for effecting the initial placement of the fastener.

2,129,161
PREPARATION OF DITITANOSO-TITANIC-CARBOXIDE
Charles J. Kinzie and Eugene Wainer, Niagara Falls, N. Y., assignors to The Titanium Alloy Manufacturing Company, New York, N. Y., a corporation of Maine
No Drawing. Application August 28, 1936, Serial No. 98,354
17 Claims. (Cl. 23—203)

10. The method of separating a mechanically inseparable brookite-rutile-zircon concentrate which comprises heating said concentrate in the presence of carbon under reducing conditions between 900° C. and 1600° C. without sintering or fusion of the charge and then cooling the charge in a reducing atmosphere to form a free-flowing granular dititanoso-titanic carboxide from the brookite and rutile without affecting the zircon grains, and then separating said granular carboxide from the zircon.

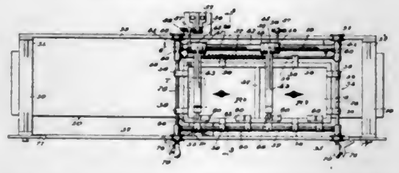
13. A titanium compound containing in chemical combination 65.45% titanium, 29.10% oxygen and 5.45% carbon.

2,129,162
MACHINE FOR MAKING CEMENT BLOCKS AND THE LIKE
Gaspard Robillard, Montreal, Quebec, Canada, assignor of one-half to Orphir Bisson, Montreal, Quebec, Canada
Application February 25, 1937, Serial No. 127,723
In Canada February 27, 1936
1 Claim. (Cl. 25—99)



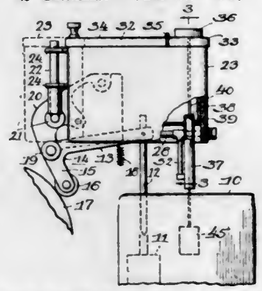
In a machine for making hollow blocks of cement or other material, the combination of a frame, an endless chain, spaced transverse partitions mounted on said chain, a hopper mounted above said chain having a bottom discharge opening, side walls fixed to said frame and extending between said hopper and said chain, said chain being adapted to receive between consecutive partitions loose flat members forming with said partitions and side walls open-topped moulds adapted to receive material from said hopper, a longitudinally-arranged gouging tool in the path of said partitions adapted to hollow the blocks, a plate depending from said frame suspending said tool from the top, a beater element within said hopper operating to pack the material in the mould in advance of said gouging tool, a second beater element within said hopper operating to pack the material into the groove formed in the block by said depending plate, after the block is out of the field of said tool, and means for operating said chain and beater elements simultaneously, said partitions being formed with openings in register with said gouging tool and depending plate to permit of the free passage of said partitions past said gouging tool and plate.

2,129,163
MULTICOLOR STENCILING APPARATUS
Henry W. Schneider, Toledo, Ohio, assignor to Libbey Glass Company, a corporation of Ohio
Application July 2, 1937, Serial No. 151,673
18 Claims. (Cl. 101—123)



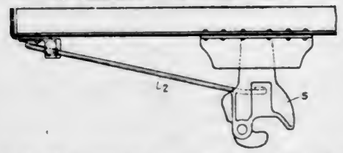
2. In a multi-color stenciling apparatus, a stencil screen provided with spaced pervious portions through which differently colored enamels are adapted to be respectively forced onto the surface of an article, means for supporting an article having a curved surface in tangential rolling line contact with said screen, a squeegee for each of said pervious portions, said screen being movable in its own plane whereby said pervious portions traverse the surface of said article successively, and means operable upon such movement of the screen for successively aligning said squeegees with and for holding the same in contact with said screen along the line of contact between the curved surface of the article and screen.

2,129,164
TYPE CASTING MACHINE
Rutherford B. Chase, Chicago, Ill.
Application August 23, 1937, Serial No. 160,432
2 Claims. (Cl. 22—80)



1. In combination with a type casting machine including a reservoir arranged to deliver molten metal thereto and a crucible pivotally mounted to said machine and adapted to feed molten metal by gravity to said reservoir, a float actuated valve for controlling the feeding of the metal to said reservoir, said valve and its actuating mechanism being mounted upon and carried solely by the crucible to swing out of operative position when the crucible is pivoted with relation to the reservoir, safety means for positively closing said valve before the crucible can be swung out of its operative position, and a lock for maintaining said valve in its closed position and against accidental opening while the crucible is outside of its operating position.

2,129,165
CAR COUPLER OPERATING DEVICE
Samuel H. Conwell, Chicago, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company, a corporation of Delaware
Application January 23, 1937, Serial No. 121,918
2 Claims. (Cl. 213—166)

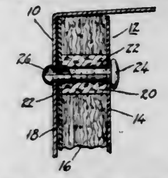


1. In a car coupler mechanism, a lock movable with the coupler head, bottom lock operating means for transmitting operating movement to said lock including a lifter arm pivotally connected to the coupler head and operatively connected to said lock, a bracket adjacent the side of the car, an operating rod having one end operatively connected to said lifter arm so that rotation of said rod operates said mechanism and having the other end thereof entirely supported by said bracket, and means to adjust the vertical relation between the operating rod and the lock lifter, said means comprising laterally spaced apart bearings on said bracket, said bearings being positioned above and below the operating rod with adjusting means in one of said bearings to raise or lower adjacent portion of the operating rod, whereby the said lifter arm is relieved of any weight of the operating rod.

2,129,166
PURIFICATION OF MALEIC ANHYDRIDE
Joyce H. Crowell, Buffalo, N. Y., assignor to National Aniline & Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application January 6, 1936, Serial No. 57,782
11 Claims. (Cl. 260—343)

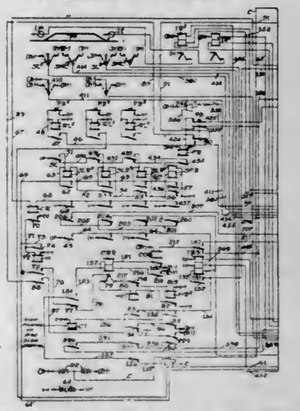
1. A method of purifying catalytic maleic anhydride containing impurities which impart color thereto, which comprises maintaining the impure maleic anhydride at a temperature between about 130° and about 200° C. for a period of time at least sufficient to convert said impurities to by-products whose volatility is substantially different from that of maleic anhydride, said period of heating being at least 1¾ hours, and separating maleic anhydride from the resulting by-products by vaporization.

2,129,167
LAMINATED PANEL
George R. Cunnington, Detroit, Mich., assignor to Woodall Industries Incorporated, Detroit, Mich., a corporation of Michigan
Application October 14, 1935, Serial No. 44,914
13 Claims. (Cl. 154—44)



1. A laminated panel comprising an interior lamination of loosely integrated cellular compressible insulation material arranged between two outer protective laminations, a tubular spacer element disposed within the interior lamination between the outer laminations and a securing element attached to each of the outer laminations and extending one into each end of the tubular spacer element holding the several laminations together.

2,129,168
CENTRALIZED TRAFFIC CONTROL SYSTEM
Oscar H. Dicke, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.
Application May 24, 1930, Serial No. 455,349
38 Claims. (Cl. 246—3)



1. In a centralized traffic controlling system for railroads, the combination with a stepping

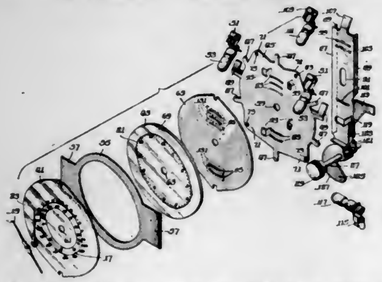
circuit and a message circuit connecting a central office and a plurality of way stations, coding means in the central office for impressing a code of impulses upon the stepping circuit to select a particular way station irrespective of whether such way station is to be controlled from said central office or whether an indication is to be transmitted from such way station to said central office, means in the central office having its operation manually initiated for determining the character of the code impressed by said coding means at times when a way station is to be controlled from said central office, and means at each way station operable at other times for dictating through the medium of said message circuit the character of the code to be impressed by said coding means when such way station is in condition to transmit a new indication to the central office.

2,129,169

ILLUMINATED DIAL

Cornelius G. Ely, Chicago, and Earl H. Allen, Oak Park, Ill., assignors, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill., a corporation

Application September 5, 1935, Serial No. 39,320
25 Claims. (Cl. 116—124.1)



1. An indicator comprising indicator means including a master scale, an auxiliary scale, and cooperating pointer means for said scales, the pointer means and said scales being relatively shiftable, means drivingly interconnecting the indicator means so that relative movement between the master scale and the pointer means is proportional to the corresponding movement between the auxiliary scale and the pointer means, whereby the adjusted position of the indicator may be determined in terms of the relative position of the pointer means with respect to the scales, said master scale being formed on a sheet of translucent material, a light screen behind said sheet and formed with a window opening opposite said scale, whereby to illuminate said sheet at or adjacent said scale by means of light passing through said window opening, including shutter means operable selectively to prevent and permit the passage of light through said window opening.

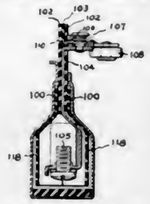
2,129,170

ELECTRICAL DISTRIBUTION SYSTEM

William H. Frank and Lyman C. Fisher, Detroit, Mich.

Application May 7, 1936, Serial No. 78,330
9 Claims. (Cl. 191—45)

1. A collector comprising an insulation carriage of thin flat plate form, bent plates having parts embedded within the carriage and projecting longitudinally beyond an edge thereof to provide adjacent exposed ends at such edge and also projecting transversely from opposite sides of the carriage to provide exposed oppositely projecting ends at such opposite sides, side roller contacts on the last mentioned exposed ends, and a housing depending from the aforementioned edge of the carriage and having an enlarged portion below such edge and surrounding the exposed ends at such edge, and having a restricted portion em-



bracing that part of the carriage in which are embedded parts of the plates, the edges of the restricted portion of the housing, remote from the enlarged portion of the housing, having integral flanges, an axle passing transversely through and thus supported by said flanges and the carriage, and supporting rollers on the ends of the axle.

2,129,171

CELL DOOR LOCKING AND OPERATING DEVICE

Daniel Fries, Sr., and Daniel G. Fries, Jr., Covington, Ky., assignors to The Fries & Son Steel Construction and Engineering Company, Covington, Ky., a corporation of Kentucky

Application October 23, 1936, Serial No. 107,266
4 Claims. (Cl. 189—7)

1. In a cell block comprising a plurality of cells and doors therefor all operating in the same plane, and other doors operating in planes transverse to said first mentioned plane, a draw bar positioned for reciprocating movement in a plane parallel to said first mentioned plane adjacent said doors, other draw bars positioned for reciprocating movement in planes parallel to said other planes, connections between said first mentioned draw bar and said other draw bars whereby the reciprocating movement of said first mentioned draw bar is communicated to said other draw bars, a control box positioned at a point removed from said doors and provided with means for reciprocating said first mentioned draw bar, lugs on said doors, dogs on said draw bars positioned to be engageable by said lugs, and means in said control box for selectively causing said lugs for any number of said doors to enter into engagement with said dogs, whereby said doors may be selectively operated from said control box.

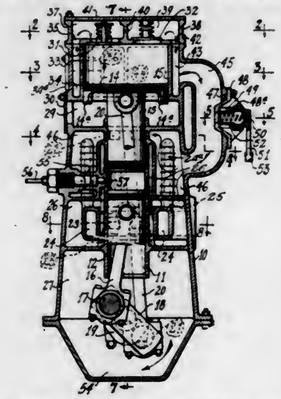
2,129,172

INTERNAL COMBUSTION ENGINE

Gustav R. Gehrandt, Evanston, Ill.

Application January 4, 1936, Serial No. 57,490
40 Claims. (Cl. 123—51)

17. An internal combustion engine embodying a casing, a crank case within and at the lower portion of the casing, a fluid compressing chamber within and adjacent the top of the casing, a compressed fluid storage chamber below and having communication with said compressing chamber, an inspection chamber between the fluid compressing chamber and the compressed fluid storage chamber, a cylinder encompassed by the fluid storage chamber and having communication therewith whereby air under pressure from the fluid storage chamber may be supplied to the cylinder to be further compressed therein, said cylinder having open ends and extending into and communicating respectively with the crank case and the said inspection chamber, a cooling cham-



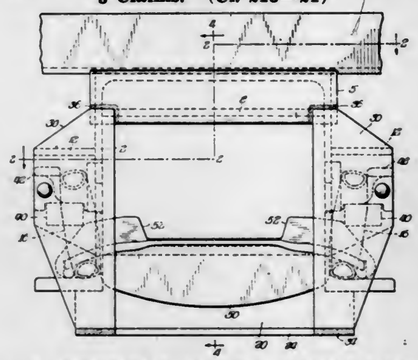
ber within the casing and disposed intermediate the crank case and the compressed fluid storage chamber, an exhaust manifold within said cooling chamber and encompassing said cylinder and with which manifold the exhaust outlet of the cylinder has communication, opposed pistons operating in the cylinder and respectively controlling the fluid inlet and the exhaust outlet of the cylinder, a plunger operatively connected with one of the pistons and operating in the compressing chamber to compress fluid therein, and means for injecting fuel into the compressed fluid between the said pistons.

2,129,173

CAR COUPLER CENTERING DEVICE

Garth G. Gilpin, Riverside, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company, a corporation of Delaware

Application June 5, 1937, Serial No. 146,578
3 Claims. (Cl. 213—21)



1. A fabricated structure to support a swingable carrier for a railway car coupler comprising

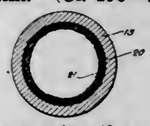
spaced apart draft sills, a notch in the end and lower part of each sill, an angular bracket welded to the outside of each sill adjacent the upper and vertical margins of said notches, a lug welded to the outside of each of said brackets, an angular tie member extending between and welded to said sills which is provided with an outwardly projecting flange at the lower margin thereof, a face plate extending outwardly beyond the sill and welded to the end of each sill and to the flange of the tie member to form a housing, and a lug welded to the inside of each of said face plates opposite the first mentioned lugs for supporting trunnion pockets.

2,129,174

OIL CRACKING TUBE LINING

William T. Hancock, Long Beach, Calif.

Application March 4, 1935, Serial No. 9,143
1 Claim. (Cl. 196—133)



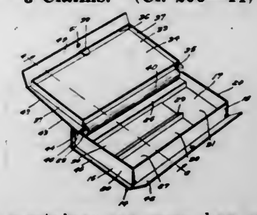
In oil cracking apparatus, the combination comprising an externally heated metal wall enclosing a space within which oil is subjected to cracking with resultant carbon formation in said space, and a prepared lining applied to the inner surface of said wall and directly exposed to said space, said lining including graphite particles and a binder for said particles, and being adapted to be sheared to remove a carbon layer deposited thereon.

2,129,175

CONTAINER FOR PENCILS AND THE LIKE

Henry J. Hassenfeld, Providence, R. I.

Application April 9, 1937, Serial No. 135,833
3 Claims. (Cl. 206—44)



1. In a container, an open box comprising a floor, front and rear walls, and end walls, a filler member upon the floor engaging the rear wall and extending substantially to the top of the rear wall, an abutment upon the floor adjacent the filler member and of less height than the filler member, a removable tray resting upon the abutment and contacting the filler member, the end walls, and the front wall, a flexible strip engaged at one end by the filler member and the abutment and fixed at its other end to the bottom of the tray, a cover flexibly connected to the box above the filler member, and a tab upon the tray adjacent the filler member.

2,129,176

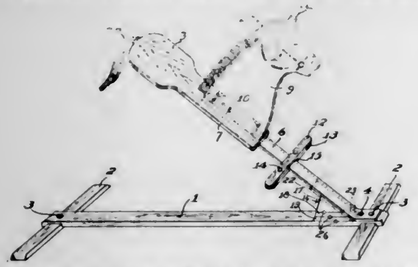
HOBBYHORSE

Sidney N. Holman, Pittsburgh, Pa.

Application October 17, 1935, Serial No. 45,383
4 Claims. (Cl. 272—52)

1. A toy comprising an upright member shaped to represent the head and neck of an animal, the

back of said head and neck being provided with a groove extending longitudinally thereof, a strip of flexible material folded lengthwise with its fold disposed in said groove, an elongate retaining member disposed in said fold for holding it in said groove, whereby the remainder of said ma-



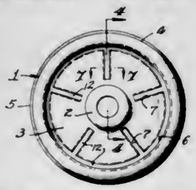
terial projects rearwardly from said neck and head and represents a mane, and a relatively short piece of flexible material having its central portion held in said groove in said head by said retaining member, the end portions of said piece of material projecting from the groove to represent ears.

2,129,177
BOX ERECTING APPLIANCE
Harry A. Inman, Newark, N. Y.
Application November 4, 1937, Serial No. 172,861
14 Claims. (Cl. 93—37)



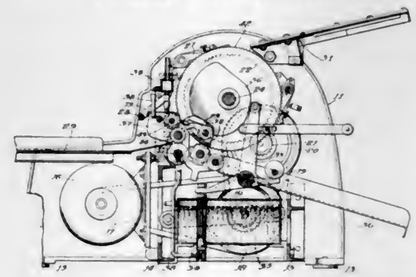
1. An appliance for erecting a collapsed box of the type including walls, a series of transverse partitions deformed from their final erected shape while the box is collapsed, and a longitudinal partition intersecting said transverse partitions and requiring to be moved longitudinally with respect to said walls when the box is to be erected, said appliance comprising a base, means mounted on said base for holding said longitudinal partition against longitudinal movement without obstructing movement of said walls in a direction longitudinally of said longitudinal partition, and other means mounted on said base for restraining said walls against longitudinal movement in a reverse direction after they have been moved longitudinally in one direction with respect to said longitudinal partition.

2,129,178
CAR WHEEL
Henry E. Jordan, Los Angeles, Calif.
Application February 10, 1936, Serial No. 63,106
8 Claims. (Cl. 295—7)



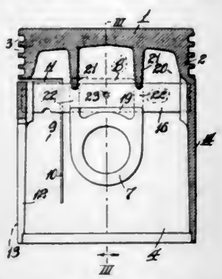
3. A wheel structure having its rim integral with its central portion and also having an annular member of non-resonant metal embedded in said wheel adjacent said rim and a plurality of spokes of a non-resonant metal embedded in said central portion and extending radially inward from said annular member.

2,129,179
MOISTENER FOR DUPLICATING MACHINES
Stephen Kokay, Chicago, Ill., assignor to Ditto, Incorporated, Chicago, Ill., a corporation of West Virginia
Application January 10, 1936, Serial No. 58,522
9 Claims. (Cl. 101—132)



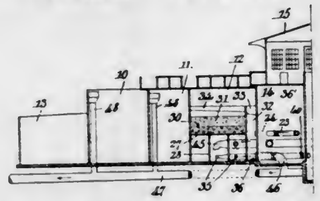
1. In a duplicating machine, a drum, means to mount a master sheet thereon, means to press copy sheets against said master sheet, and a moistening device for moistening the copy sheets as they are advanced to said drum, said moistening device comprising a moistening roller adjacent to and substantially parallel with said drum, a moistening fluid receptacle, an absorbent element protruding from said receptacle and engaging said roller, and liquid supply means for said absorbent element comprising means for selectively wetting separate sections of said absorbent element, said absorbent element having means to restrict the spread of liquid lengthwise therein.

2,129,180
PISTON FOR INTERNAL COMBUSTION MOTORS
Elmer C. Long, Grosse Pointe Park, Mich.
Application July 30, 1932, Serial No. 626,364
Renewed July 6, 1937
11 Claims. (Cl. 309—13)



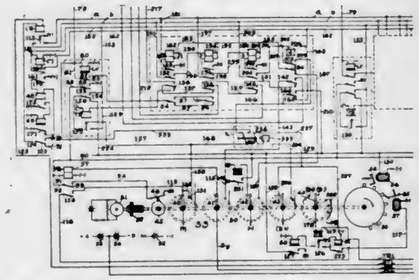
1. A piston comprising a head and a skirt having opposing thrust sides, said skirt being slotted on one of its thrust sides for providing a flexible portion therein, a pair of transverse members of a material having a low coefficient of expansion connecting said flexible portion to the opposite side of the skirt, and a pair of webs depending from the head and having their lower ends in abutment with the top of respective members.

2,129,181
LIQUID PURIFICATION PLANT
Robert B. Morse, Hyattsville, Md.; Carrie E. Morse administratrix of said Robert B. Morse, deceased
Application April 11, 1934, Serial No. 720,107
25 Claims. (Cl. 210—12)



1. In a liquid purification plant, a series of liquid treatment basins and a reservoir arranged one within another, a collecting head, a communication between one of said basins and said head, and a communication between said head and said reservoir.

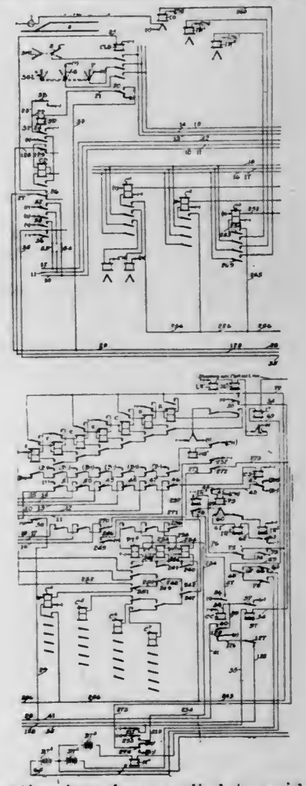
2,129,182
TRAIN DISPATCHING SYSTEM FOR RAILROADS
Neil D. Preston, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.
Application April 4, 1929, Serial No. 352,558
71 Claims. (Cl. 246—3)



1. In a dispatching system for railroads, a dispatcher's office, a plurality of way stations, traffic controlling devices at each station, selecting means at each station for establishing circuits for the control of the traffic controlling devices at that station, a stepping line circuit, a line relay at each station for operating the selecting means at that station, a transfer line circuit for station selection, and means at each station responding to impulses applied to said transfer line circuit for connecting the line relays at the several stations one at a time to the stepping line circuit.

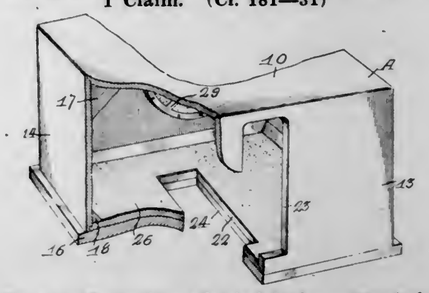
2,129,183
CENTRALIZED TRAFFIC CONTROL SYSTEM
Neil D. Preston and Forest B. Hitchcock, Rochester, N. Y., assignors to General Railway Signal Company, Rochester, N. Y.
Application May 24, 1930, Serial No. 455,304
82 Claims. (Cl. 246—5)

1. In a centralized traffic controlling system for railroads, a control office, a plurality of field stations, a stepping circuit, step-by-step means at the control office and at each field station all operated in synchronism by impulses on said stepping circuit regardless of their polarity, and station selecting means at said stations selectively responsive to different combinations of positive



and negative impulses applied to said stepping circuit.

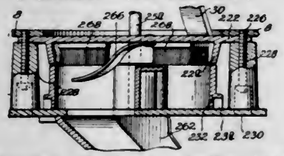
2,129,184
CABINET FOR LOUDSPEAKERS
Louis C. Roy, Quebec, Quebec, Canada
Application March 27, 1936, Serial No. 71,163
1 Claim. (Cl. 181—31)



In a loud speaker adapted to be supported in space, a speaker chamber formed of chamber-defining walls arranged along a horizontal longitudinal axis and a transverse vertical axis, the chamber being of rectangular section longitudinally and square section vertically at right angles to the longitudinal axis, one of the said walls on the longitudinal axis constituting the front of the chamber and having a circular opening, the parallel opposite wall comprising the rear of the

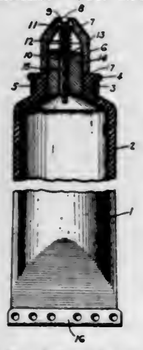
chamber being provided with a rectangular opening, the intermediate wall forming the bottom also having a similar rectangular opening, said rectangular openings being right-angularly disposed with respect to the longitudinal axis of the chamber and in planes at right angles to each other, said openings further having a ratio of approximately 3 to 1 between length and breadth respectively, and a loud speaking element mounted on the front wall over the circular opening.

2,129,185
DISPENSING MACHINE
Allan O. Simmons, Chicago, Ill., assignor to Simmons Coin Machine Co., Inc., Chicago, Ill., a corporation of Illinois
Application March 7, 1934, Serial No. 714,402
9 Claims. (Cl. 221—108)



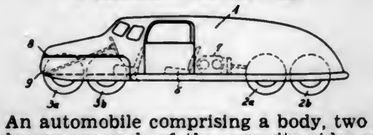
1. In a vending machine, a hollow base having a lug on one of its walls, said lug having a screw seat therein, said screw seat being adapted to receive one end of a suitable locking element, said base being open at its top and bottom, the bottom opening being bordered in part by vertical lower extremities of the walls of the base, the remaining part being bordered by a lip formed by an inwardly extending lower extremity of the wall, a plate adapted to cover the bottom opening of the base, said plate having at a portion of its border a raised lip to coengage with the lip of the base, the remainder of the border being provided with an upstanding wall offset from its edge, said upstanding wall being adapted to fit flush with the inner surface of the vertical extremities of the wall of the base, a container adapted to sit on the top opening of said base and being fastened thereto by means not accessible from the space enclosed by said container.

2,129,186
MARKING TUBE
Fred A. Sturm, Paterson, and Gustav J. Petricek, Clifton, N. J.
Application October 5, 1937, Serial No. 167,352
6 Claims. (Cl. 120—43)



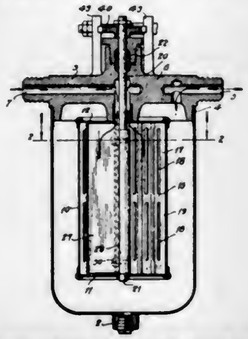
1. A marking implement comprising a collapsible, elastic, tubular body constituting a container for a marking substance, said body having a neck and tubular member received in said neck and projecting outside of said neck, a discharge member fitted upon the projecting portion of said tubular member at one end of the body through which said marking substance is emitted, a combined marker and closure for the member movably mounted therein and retractable in writing position, means for yieldingly holding the marker and closure in a projected closed position, said tubular body having a wall of such thickness as to normally retain the body in a tubular shape, whereas upon the application of pressure thereon deforming the shape of the tube the marking substance therein will be forcefully emitted past the retracted marker when the implement is in writing position.

2,129,187
AUTOMOBILE
Erwin Wesnigk, Berlin, Germany
Application October 22, 1935, Serial No. 46,170
In Germany October 26, 1934
3 Claims. (Cl. 180—21)



1. An automobile comprising a body, two front wheels one on each of the opposite sides of the body respectively, two rear wheels disposed in a tandem arrangement in the middle plane of said body and running separately on the road, each of said rear wheels being carried on said body vertically movable relative to the latter and to the other rear wheel, and means on each of said rear wheels to press the same resiliently against the road independently of the other rear wheel.

2,129,188
FILTER
Edward L. Wood, Detroit, Mich.
Application September 2, 1933, Serial No. 687,965
Renewed May 2, 1936
9 Claims. (Cl. 210—167)



1. A filter comprising, a substantially cylindrically shaped filtering medium, means closing the ends of the cylindrical form, a member having substantially corrugated walls disposed within the cylindrical form and having its ridges substantially contacting with the medium and extending substantially from end to end of the cylindrical form, the successive furrows forming chambers each defined in part by successive portions of the medium and some of the walls of the furrows having apertures therein, the normal

flow of liquid being from the outside of the medium to the inside thereof, and means for forcing liquid with reverse direction of flow into successive chambers and through successive portions of the medium, said last named means comprising rotatable spring acting plates adapted upon rotation to substantially seal one against the bottom of a furrow and another against the bottom of an adjacent furrow, whereby they are separated to form a compartment, and adapted to collapse upon further rotation to force liquid out of said compartment through the said apertures.

2,129,189
MIRROR HOLDER
Roy F. Alder, Holland, Mich.
Application April 5, 1937, Serial No. 135,042
2 Claims. (Cl. 88—96)



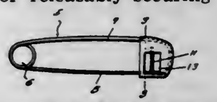
1. In a structure of the class described, a back having outturned flanges at its edges, each of said flanges having an opening therethrough, a housing secured to the back and having an open end in conjunction with the opening in said flanges, a mirror located against the edges of said flanges, hook members engaging with the edges of the mirrors, one for each opening in said flanges, each of said hook members having a bar extending through said opening and into the associated housing, said bar having a plurality of consecutive notches in the side thereof adjacent the back, and spring dogs one located within each housing permanently secured to the back and having a free end portion extending to and adapted to automatically engage in the notches in the bar of its associated hook member as said hook member is moved inwardly to engage its hook with an edge of the mirror, said openings adapted to have inserted therethrough and between said dog and said hook member, a releasing member to permit the removal of said mirror.

2,129,190
PAPER PROPAGATING POT
Martin Leatherman, Hyattsville, Md., dedicated to the free use of the People of the United States of America
No Drawing. Application February 24, 1938, Serial No. 192,346
5 Claims. (Cl. 47—37)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. An article of manufacture consisting of a plant propagating paper pot impregnated with copper resinate.

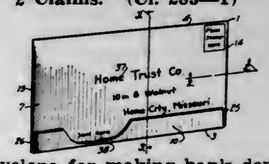
2,129,191
SAFETYPIN
George J. Behling, Croton on Hudson, and Nicholas Dykstra, Ossining, N. Y.
Application February 10, 1937, Serial No. 125,136
Renewed July 28, 1938
1 Claim. (Cl. 24—156)

In a safety pin the combination of a guard member having a lateral opening at one side, the prong having a pointed end adapted to be engaged in said guard member and being insertable into the guard through said lateral opening, and said guard in the side thereof opposite to said opening being provided with a slot, a finger in the guard cooperable with the pointed end of the safety pin for releasably securing the said end



within said guard, and said pointed end of the safety pin having an arcuate portion in the concavity of which said finger is adapted to engage for forcing said arcuate portion of the pointed end of the safety pin into said slot for positively securing the pointed end of the safety pin within said guard.

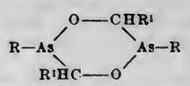
2,129,192
BANK DEPOSIT ENVELOPE
Eugene B. Berkowitz, Kansas City, Mo., assignor to Berkowitz Envelope Company, Kansas City, Mo., a corporation of Delaware
Application June 9, 1937, Serial No. 147,275
2 Claims. (Cl. 283—1)



1. An envelope for making bank deposits and like transactions by mail including a blank folded to form front and back portions of an envelope, side flaps on one of said portions and sealed to the other to provide a pocket having an insert opening opposite said blank fold, a tuck flap on one of said portions having a fold line extending along said insert opening and on which the tuck flap is adapted to be folded into the pocket over articles placed in said pocket, a closure flap on the other portion having a fold line extending along the insert opening whereon the closure flap is foldable over the insert opening to overlie the portion carrying the tuck flap, and a sealing flap on the closure flap having a fold line registering with said blank fold on which the sealing flap is folded into sealing engagement with said portion carrying the closure flap.

2,129,193
MOTOR FUEL
Arthur L. Blount, Palos Verdes Estates, and Harold G. Reiber, Long Beach, Calif., assignors to Union Oil Company of California, Los Angeles, Calif., a corporation of California
No Drawing. Application September 27, 1935, Serial No. 42,510
16 Claims. (Cl. 44—9)

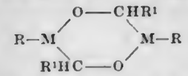
1. In a process for inhibiting gum formation in hydrocarbon-containing motor fuels which normally develop gum during the usual conditions of storage, the step of adding thereto small amounts of an organic arsenic compound of the type



wherein R is an aryl or alkoxy-aryl group, and R^1 is an alkyl group from the class consisting of methyl, ethyl and propyl groups.

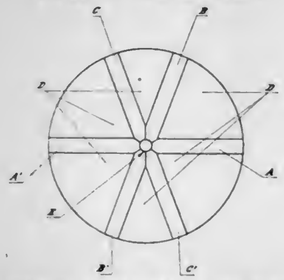
2,129,194
MOTOR FUEL
Arthur L. Blount, Palos Verdes Estates, and Harold G. Reiber, Long Beach, Calif., assignors to Union Oil Company of California, Los Angeles, Calif., a corporation of California
No Drawing. Application September 27, 1935, Serial No. 42,511
16 Claims. (Cl. 44—9)

1. In a process for inhibiting gum formation in hydrocarbon-containing motor fuels which normally develop gum during the usual conditions of storage, the step of adding thereto small amounts of an organic compound of the type



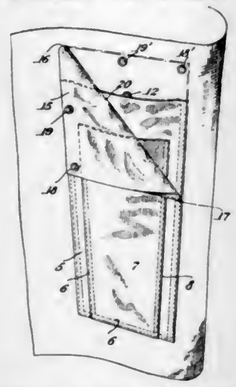
wherein R is an aryl or alkoxy-aryl group, R^1 is an alkyl group and M an element selected from the group consisting of arsenic, bismuth, phosphorus and antimony.

2,129,195
COLOR FILTER
Carlo Bocca, Vigevano, and Luigi Amati, Padova, Italy
Application April 19, 1937, Serial No. 137,838
In Italy April 20, 1936
1 Claim. (Cl. 88—16.4)



For a method of producing projected pictures in natural colors which comprises preparing by known methods a series of partial positive images of polychromatic selection of the subject, printing upon a light-sensitive surface through a parallel-lined diffraction grating one of the partial positives, printing in succession the remaining partial positives, on the same light-sensitive surface and with the images in register through a parallel-lined diffraction grating with the lines thereof at an angle to the lines in the former printing steps, illuminating the resultant complete positive with a light beam issuing from a luminous source, forming on a plane a non-diffracted real image of the luminous source, sets of diffracted images of luminous source formed by light which has been diffracted once, sets formed by light which has been diffracted twice and sets formed by light which has been diffracted three times, obturating the light forming the non-diffracted image and forming with the diffracted light an image of the subject, a filter having at its center an opaque disc, which intercepts all the non-diffracted light and as many pairs of transparent zones of the same color and diametrically opposed as there are primary colors in the process of polychromatic selection employed, while the zones between colored zones are colorless as well as transparent, the colored zones being of such dimensions as to permit the formation upon themselves of the entire diffracted images of the luminous source formed by light which has been diffracted only once.

2,129,196
SAFETY TOOL POCKET
Isidore Boshnack and Samuel Boshnack, New York, N. Y.
Application March 23, 1936, Serial No. 70,469
1 Claim. (Cl. 2—254)



In combination, a garment, a pocket member constructed in said garment and having a lineal opening, a second pocket member secured to said first pocket, a closure flap secured on one edge to said garment adjacent to and along a line perpendicular to the pocket openings and secured on another edge along a line parallel to said pocket openings, means for detachably securing said closure flap over said pocket openings and fastening means for detachably securing said flap in open position whereby to form a rolled edge along a diagonal line for guiding articles into said pockets.

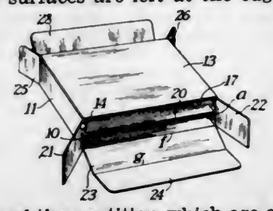
2,129,197
BRONZE ALLOY
John W. Bryant, Jr., Minneapolis, Minn.
No Drawing. Application July 3, 1937, Serial No. 151,890
9 Claims. (Cl. 75—154)

1. A metal alloy consisting of the following proportions by weight of the following elements:

	Per cent
Copper	77 –92
Tin	8 –18
Nickel	1 – 5
Silicon	.5 – 3
Iron	.25– 1

2,129,193
SHIPPING CARTON FOR MOTION PICTURE FILM
Wentworth W. Crouch and Alfred I. Hess, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application December 19, 1936, Serial No. 116,776
8 Claims. (Cl. 206—52)

1. A carton comprising front and rear walls, end walls holding said front and rear walls in spaced parallel relation, a bottom, a removable top for said carton hinged to one of said walls, a partition, having dimensions substantially the same as the front and rear walls, extending from end wall to end wall and being spaced intermediate the front and rear walls to divide the carton into two compartments, said partition provided with a cutout portion extending from the top edge thereof and being of a size whereby supporting surfaces are left at the edges and at



the bottom of the partition which are adapted to alternatively support a single film container in the two compartments of the carton and a film holder in one compartment only.

2,129,199
BRAKE DRUM
Charles W. Dake, Grand Haven, Mich.
Application January 21, 1936, Serial No. 60,019
2 Claims. (Cl. 188—218)



1. A brake drum for vehicles, the said brake drum comprising in combination, a cylindrical braking band of cast metal having at the inner periphery thereof an axially extending braking surface and at one of its radially disposed sides an inwardly extending flange, a dish-shaped supporting back for said braking band having an annular corrugation and its periphery extending radially into the said braking band adjacent the said inwardly extending flange and engaged at one of its sides by the convex side of said corrugation.

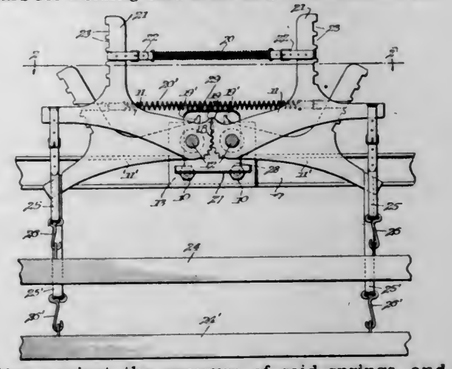
2,129,200
UPSIDE DOWN FLARE
Philip E. Damon, Ames, Iowa
Application April 21, 1936, Serial No. 75,591
6 Claims. (Cl. 67—21)



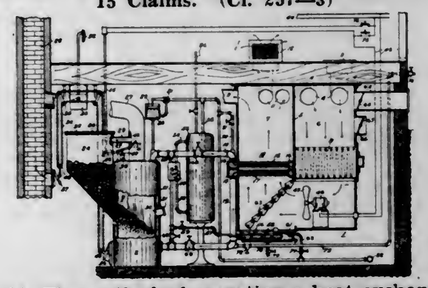
5. In a flare, a hollow body containing combustible fuel, an opening on the underside of said body, ignitable material adjacent said opening on the outside of the body, and a plurality of readily bendable members attached to said body and adapted to be extended downwardly for supporting the flare, or to be bent to position overlapping said ignitable material to give additional protection to said material.

2,129,201
HARNESS LIFTING TOP FOR LOOMS
Henry R. Davis, Augusta, Ga.
Application August 27, 1936, Serial No. 98,245
4 Claims. (Cl. 139—89)

1. A unitary spring jack assemblage for looms comprising a bracket adapted to be secured to the arch, a pair of shafts mounted in said bracket to project forward over the loom harness, and pairs of arms pivotally mounted on said shafts, the arms of each pair being provided with interengaging gears to cause them to move in unison, said arms being provided with upstanding branches and outwardly extending harness frame supports, tension springs connecting the branches of each pair of arms, limit stops adjacent said gears for holding said arms in predetermined position against the pressure of said springs, and an oil pan and guard carried by said bracket, said oil pan having flanges at its ends provided with openings registering with said shafts for supporting the same in juxtaposition to said interengaging gears and pivot bearings, and said guard being readily removable to give access to said gears and stops.



2,129,202
AIR CONDITIONING SYSTEM
Montrose K. Drewry, Milwaukee, Wis.
Application September 18, 1933, Serial No. 689,935
15 Claims. (Cl. 257—3)

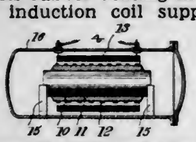


14. The method of operating a heat exchange system which comprises circulating a heat conducting medium through a boiler in circuit with a heat exchanger and a storage water heater during cold weather, and isolating the heat exchanger from the boiler and storage water heater in warm weather and passing a cooling fluid through the heat exchanger, and maintaining the boiler in operation to provide heat for the storage water heater and to provide reserve heat for the heat exchanger.

2,129,203
METHOD AND APPARATUS FOR HEAT-TREATING METALLIC MEMBERS COATED WITH RUBBER
René Alphonse Dufour, Paris, and Henri Auguste Leduc, Mantes-Gassicourt, France
Application September 16, 1936, Serial No. 101,180
In Luxemburg, September 30, 1935
12 Claims. (Cl. 219—47)

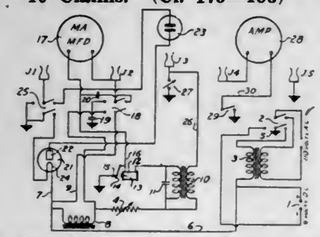
1. A method of heat-treating a coating of rubber or similar materials surrounding a metallic

member consisting in inserting said metallic member with its rubber coating in the magnetic circuit of an induction coil supplied with an



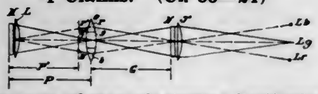
alternating current, and inclosing said metallic member within an autoclave supplied with a heating fluid under pressure.

2,129,204
ELECTRICAL MEASURING INSTRUMENT
Wilfred Duperron, Vancouver, British Columbia, Canada
Application April 17, 1936, Serial No. 74,968
10 Claims. (Cl. 175—183)



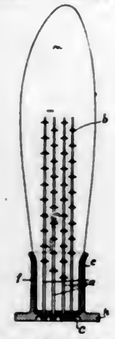
1. An electrical measuring instrument comprising means to produce a periodically interrupted direct current in a highly inductive circuit, and means to connect in parallel with said means a condenser under test and an A. C. meter the latter two being in series, and means to periodically discharge said condenser so that the condenser under test itself converts the direct current into alternating current through said meter.

2,129,205
MANUFACTURE OF LENTICULAR PRINTS
John Eggert, Leipzig-Gohlis, and Gerd Heymer, Wolfen Kreis Bitterfeld, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
Application January 3, 1935, Serial No. 272
In Germany January 9, 1934
4 Claims. (Cl. 88—24)



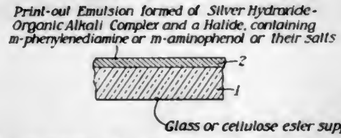
1. A process of manufacturing lenticular prints which comprises exposing a lenticular film through a multi-color filter arranged at a distance from the taking objective greater than the focal length of said taking objective so that the middle filter lines intersect in a plane on the emulsion side of said lenticular, illuminating the original film thus taken through the embossed side under the same conditions as prevailed in exposure as regards the trace of the rays and under local separation of the colors, projecting the point of intersection of the filter middle lines at the same distance from the original film as said point had from the film in exposure, projecting the original on a lenticular printing film arranged with its lenticular elements facing the emulsion side of said original, and displacing the point of intersection of the filter middle lines with relation to the printing film to the distance required for the projection filter.

2,129,206
MEANS FOR MOUNTING PROPELLER BLADES
Hermann Ellinghausen, Bremen, Germany
Application November 21, 1936, Serial No. 112,154
In Germany November 23, 1935
5 Claims. (Cl. 170—159)



1. Supporting means for propeller blades formed of wood laminations which extend in the direction of the length of each blade comprising, a hub socket for receiving the inner end of the blade, metallic tension members extending into the wood blade and secured to said socket, said tension members being uniformly distributed over the cross section of the blade and each tension member being arranged between two laminations, collars carried by said tension members and a washer adjacent the hub socket side of each collar for engaging two laminations.

2,129,207
PRINT-OUT EMULSION
George Earle Fallesen and Cyril J. Staud, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application February 9, 1937, Serial No. 124,864
8 Claims. (Cl. 95—7)

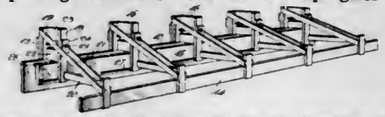


1. A process of producing a light-sensitive emulsion which comprises precipitating silver hydroxide in an aqueous solution, dissolving the precipitate in an organic alkali, mixing the solution with an inert carrier therefor and adding an alkali metal halide to the mixture to form an emulsion, and then adding from about 10% to about 17%, based on the weight of inert carrier, of a compound selected from the group consisting of meta-phenylenediamine compounds and meta-aminophenol compounds.

2,129,208
CONCRETE FORM OR MOLD
Edward M. Forbes, Virginia Beach, Va.
Application June 23, 1936, Serial No. 86,848
1 Claim. (Cl. 25—118)

A mold for use in forming a concrete curb and gutter construction consisting of inner and outer longitudinally divided sections, the said inner section comprising a mold board, uprights extending from the lower edge of the board upwardly

to a point above the board, the upper portions thereof forming abutment attaching members, and reinforcing blocks attached to said uprights, and the said outer section comprising an outer mold board for forming a road shoulder surface, an inner mold board for forming the outer face of a curb, and frame connections arranged at intervals along and connecting said mold boards and providing abutment means for engagement with the said abutment attaching members of the inner mold section to form a complete mold, said frame connections consisting of uprights attached to the road shoulder forming mold board, uprights extending upwardly from the curb face forming mold board, abutment members arranged on the inner side of and parallel with said last named uprights, horizontal transverse connecting and spacing members between the uprights ex-



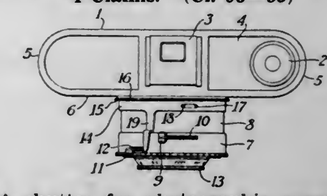
tending upwardly from said road shoulder and curb face forming mold boards, inclined braces extending between and connecting and reinforcing the said last named uprights and the abutment members, spacing elements between and connecting the said abutment members and uprights extending upwardly from the curb face forming mold board, and fastening members for engagement with said abutment members of the outer mold section and the abutment attaching members and reinforcing blocks of the inner mold section, the construction being such that when the fastening members are disconnected said sections may be tilted outward in opposite directions on the mold board of the inner section and on the outer mold board of the outer section as fulcrums to readily free the mold boards from the faces of a curb formed thereby.

2,129,209
PEN
Carey Garfield Gregory, Los Angeles, Calif.
Application July 20, 1936, Serial No. 91,585
4 Claims. (Cl. 120—113)



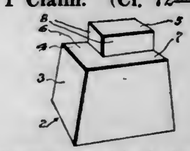
1. A dip pen including a pen holder having a hollow barrel portion, a tubular plug secured in the end of said hollow barrel portion, a storage feed plug insertable into the bore of said tubular plug for securing a pen point intermediate said feed plug and the inner wall of said tubular plug with respect to said pen holder, and an annular head on said tubular plug, said annular head having a plurality of longitudinally extending grooves therein for dividing said annular head into segmental portions for obstructing the capillary movement of ink in a direction from the pen point towards the pen holder and allowing discharge of ink collected by the segmental portions of said annular head in dipping operations.

2,129,210
SHUTTER ACTUATOR
Herbert H. Harmon, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application July 16, 1937, Serial No. 153,997
4 Claims. (Cl. 95—53)



1. A shutter for photographic cameras comprising an annular shutter casing, a trigger projecting therefrom, a trigger actuating member comprising a plate curved to fit the curvature of the annular shutter casing and slidably mounted thereon, means carried by the trigger actuating member and casing for limiting movement of the former on the latter, a curved flange carried by the curved plate concentric with the shutter casing, means carried by the curved plate extending therefrom to engage the shutter trigger for actuating the same, a curved roughened area on the curved flange concentric with the shutter casing and extending at least partially around the shutter whereby various parts of said roughened surface may be used as a manual shutter release.

2,129,211
BUILDING BLOCK
John Hickl, Elmaton, Tex.
Application July 3, 1936, Serial No. 88,850
1 Claim. (Cl. 72—77)



A corner foundation block for supporting the sills of a superposed structure comprising a trapezoidal shaped base portion and a portion substantially square shaped in plan view fixed at one corner of the upper surface of said base portion so as to provide two surfaces thereon arranged at different heights, the lower one of said surfaces being L-shaped and of a width and height substantially coincident with the width and height of the sills of the structure to provide a bearing surface for said sills, the base portion of said block having sides sloping away from said lower level.

2,129,212
DENTAL DEVICE
George M. Hollenback, Los Angeles, Calif.
Application March 12, 1937, Serial No. 130,426
3 Claims. (Cl. 32—56)

1. A pneumatic mallet comprising a hand piece, a free piston arranged to reciprocate in said hand piece, means for supplying by a closed flow line connected with one end of the hand piece a confined pulsating fluid pressure to the power end of

the piston, a throttle valve controlling the flow in said closed flow line to vary the striking force of the piston, a plugger assembly in the other end of the hand piece engageable by the piston when the



same is reciprocated, and means to connect or disconnect the striking face of the piston with the atmosphere to control the operation of the mallet.

2,129,213

MANUFACTURE OF THREADS, BANDS, FILMS, AND THE LIKE

Walter Harz, Dormagen-on-the-Rhine, and Walther Schieber, Berlin, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application April 9, 1936, Serial No. 73,592. In Germany April 13, 1935
5 Claims. (Cl. 18—54)

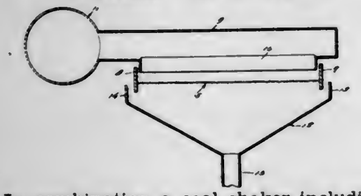
1. A process for preparing thin filaments, bands or films from polystyrol which comprises heating the polystyrol to a temperature between about 160° C. and its decomposition point, forcing the heated mass through a nozzle and stretching it to a diameter which is less than about 1/15 the diameter of the nozzle.

2,129,214

DRIER

Albert S. J. Hopkins, Amherstdale, W. Va.

Application December 17, 1935, Serial No. 54,921
3 Claims. (Cl. 34—38)



1. In combination a coal shaker including an inclined screen on which the wet coal is received and moves, said screen including side walls, a hopper beneath said screen for receiving moisture and particles falling from the coal on the screen, a blower manifold running alongside of said screen, a plurality of transverse headers extending from said manifold and above and across said screen, each header being formed longitudinally on its underside with a relatively narrow nozzle for directing air under pressure downwardly through the coal on said screen for physically stripping the coal of moisture and loose particles and depositing the moisture and particles in said hopper as the coal moves from the upper toward the lower end of the screen, said nozzle depending below the upper edge of the side walls and extending substantially the full width of the screen.

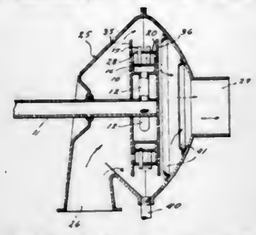
2,129,215

FLUID TREATING APPARATUS

Curtis L. Howse and Harry E. Brelsford, Birmingham, Mich., assignors to Diamond Power Specialty Corporation, Detroit, Mich., a corporation of Michigan

Application December 11, 1935, Serial No. 53,978
10 Claims. (Cl. 261—90)

1. In a fluid treating apparatus a volute casing, means providing a substantially annular passage for the fluid to be treated, a nozzle having a passage through which liquid is discharged into said fluid passage, means for supplying a liquid under pressure to said nozzle passage for discharge from the same into con-



tact with the fluid flowing through said fluid passage, said nozzle having angularly disposed passages opening through the sides of the nozzle for supplying an elastic fluid to the nozzle passage for discharge therefrom with the liquid.

2,129,216

EQUALIZING VALVE

Mordica O. Johnston, Glendale, Calif.

Application June 13, 1936, Serial No. 85,081
6 Claims. (Cl. 166—1)



1. An equalizing valve for oil well tools comprising a sleeve valve unit, including a valve sleeve, a valve mandrel slidable within said valve sleeve, the valve mandrel and the valve sleeve having ports which when moved to register will permit a flow of fluid through the mandrel and the sleeve, a packer attached to one of said valve elements, a supporting drill string attached to the other of said valve elements and by which relative movement between the sleeve and the mandrel may be effected, and means carried by the sleeve and the mandrel and adapted to be moved to interlocking positions whereby the sleeve and the mandrel will be locked against movement with relation to each other when the valve is closed and when the valve is opened.

2,129,217

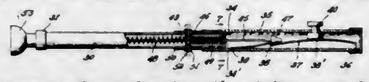
SWATTER GUN

John E. Kahler, Kankakee, Ill.

Application August 22, 1936, Serial No. 97,467
6 Claims. (Cl. 43—135)

1. In a swatter gun, a barrel, an outer barrel associated therewith, a trigger spring in the outer barrel and having a trigger, a plunger in said first mentioned barrel, said plunger having a head, a rod and a latch, a spring surrounding

the rod of the plunger, a stem carried by the barrel and movable independently with respect to said plunger, a swatter head carried by the stem, means carried on the barrel for retracting the plunger and engaging the latch with the trigger,



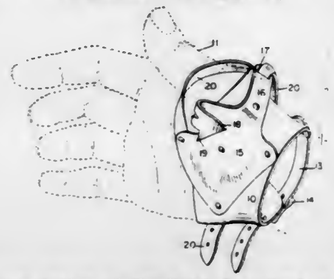
and means for releasing the trigger and latch whereby the plunger will be urged forwardly by the tension of said spring for urging the stem and swatter head forwardly in advance of the barrel for a swatting operation.

2,129,218

HUSKING HOOK

Harold J. Kelly, Des Moines, Iowa

Application June 22, 1937, Serial No. 149,687
2 Claims. (Cl. 130—4)



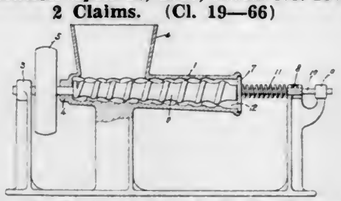
1. In a device of the kind described, a flexible wrist band adapted to cover a portion of the wrist and front upper palm of the hand of the user, means for fastening the wrist band on the wrist, a plate secured to the wrist band having a hook-like portion with a sharp point, bent away from the lower edge of the plate, and then upwardly substantially parallel with the plate where it will be approximately above the ball of the thumb of the wearer, said hook member having a second sharpened hook member in substantially the same plane as the first hook member projecting at a right angle to the first hook member and away from the thumb of the wearer substantially parallel with the plate, and a holding strap connected to the plate and adapted to be extended under the thumb.

2,129,219

METHOD AND APPARATUS FOR MANUFACTURING FEATHER COTTONS

Moichiro Koga, Tokyo, Japan

Application April 16, 1937, Serial No. 137,371
2 Claims. (Cl. 19—66)



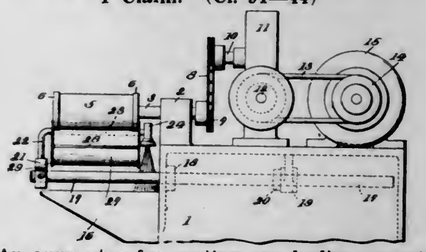
1. A method of manufacturing feather cottons comprising pressing and crushing the feathers, warping and twisting the feathers by applying pressure and warming up, heating the crushed feathers to about 100° C., to free the gelatinous substance therein, impregnating the feathers with formalin vapours to form a waterproof coating in the interior and on the exterior of the feathers by the combination of the formalin and gelatinous substance.

2,129,220

APPARATUS FOR APPLYING ENAMEL TO CAN BODIES

Alfred L. Kronquest, Syracuse, N. Y., assignor to Continental Can Company, Inc., New York, N. Y., a corporation of New York

Application July 6, 1936, Serial No. 89,255
In Great Britain October 3, 1935
1 Claim. (Cl. 91—44)



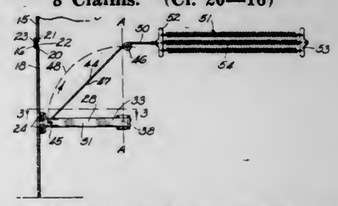
An apparatus for coating can bodies comprising a supporting frame, a pair of spaced rotating shafts mounted on said frame, a magnet carried by each shaft, means for rotating said magnets, each magnet including pole pieces spaced so as to engage a flanged can body inside of and adjacent the flanges for supporting and rotating the can body, a spray head, means for supporting said spray head whereby the same may be moved in a direction parallel with the axis of rotation of the can body, from a position outside of the can body, into one end thereof and through the can body and out of the other end thereof.

2,129,221

OVERHEAD DOOR

Howard B. Lewis, Los Angeles, Calif., assignor to Patco, Inc., Los Angeles, Calif., a corporation of California

Application February 12, 1934, Serial No. 710,878
8 Claims. (Cl. 20—16)



1. In combination with a building structure having a wall providing a door opening: a door cooperable with said door opening; an arm extending rearwardly from said door; pivot means at the rear end of said arm on which said arm may swing to carry said door toward a position above said pivot means; an attachment means connecting between said door and said arm so as to be swung through an arc as said door is moved around said pivot means; a force exerting element connected to said attachment means and being positioned to exert a force substantially along a chord of said arc; a stationary member connected to said force exerting element, said stationary member being in such position that said force exerting element is substantially relaxed when said door is in a position above said pivot means, said force exerting element being

adapted to exert a force to raise said door, the weight on said pivot means progressively increasing as said arm is moved into a position in conjunction with said pivot means; and means for varying the length of said arm so as to adjust said door relative to a desired position in said door opening.

2,129,222

PROCESS FOR THE RECOVERY OF A SOLUBLE PROTEIN POWDER FROM WHEY

Abraham Leviton, Washington, D. C., assignor to Secretary of Agriculture of the United States of America, and his successors in office

No Drawing. Application April 16, 1937, Serial No. 137,286

6 Claims. (Cl. 99—19)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A process for the recovery from whey of an undenatured soluble protein powder which comprises adding to whey powder, a solution of alcohol in water at room temperature containing at least 4 parts by volume of 95% alcohol to 1 part of water, agitating the mixture until supersaturation with respect to lactose just reaches a maximum, thence rapidly filtering, recovering the residue and drying.

2,129,223

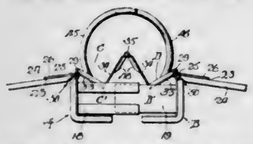
LOOSE LEAF BINDER

Alfred M. Martin, Park Ridge, Ill.

Application June 10, 1931, Serial No. 543,374

Renewed November 27, 1936

20 Claims. (Cl. 129—17)



3. In a loose-leaf binder, a toggle device having oppositely disposed sheet-impaling prongs thereon, a pair of covers mounted on the toggle device to swing apart, and supporting means for the toggle device with means including said covers for causing the toggle device to come automatically into position for up and down relative movements to open and close the prongs while the covers are being spread apart on a table top, said supporting means including members having relative rectilinear movement laterally of the binder.

17. In a loose-leaf binder, the combination of two supporting members, means connecting said supporting members adapted to hold them at all times against angular movement transversely with respect to each other but adapted to permit said supporting members to move toward and from each other, a set of prongs for each of said supporting members in parallel arrangement pivotally mounted on a longitudinal axis on said supporting member, and means actuated by an upward and outward swinging movement of one of said sets of prongs for giving said supporting members a slight relative movement outwardly with respect to each other.

2,129,224

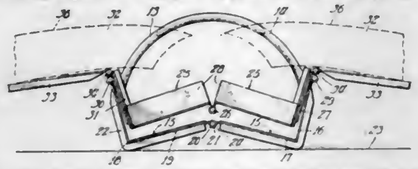
LOOSE LEAF DEVICE

Alfred M. Martin, Park Ridge, Ill.

Application February 1, 1935, Serial No. 4,507

9 Claims. (Cl. 129—17)

9. In a loose-leaf binder of the class described, the combination with a trough-shape binder back, of prong-holding means in the form of a trough-shape toggle device normally nested within the back and having a medial hinge, said back comprising means for supporting the toggle for free movement of the medial hinge, said means including a pair of supporting members carrying the



toggle device, hinge connections between the toggle and said supporting members at their upper outer sides respectively, and a single hinge operatively connecting said members whereby the supporting members are free to move angularly but relatively of the toggle device in response to movements of the medial hinge of the toggle.

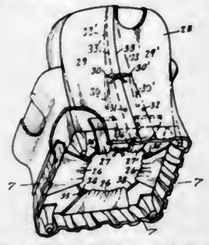
2,129,225

FURNITURE SLIP COVER

Leo Mednick, Philadelphia, Pa.

Application January 28, 1935, Serial No. 3,688

2 Claims. (Cl. 155—182)



1. A readily attachable and detachable cover for a chair having a back rest, arms, and a seat the lowermost portion of which is spaced from the surface which supports the chair, the said cover consisting of a pocket like back rest portion the rear element of which is split vertically along a line removed from the edges of the chair with which it is to be associated to form two normally overlapping panels; arm cover portions; a seat cover portion intermediate and attached to said back rest and arm cover portions; free hanging pendant elements attached to each said arm cover portion and to the said seat portion; at least one anchoring tab attached to each of the said pendant elements and to the said panels at a point above the lowermost surface of the said chair seat with each panel anchoring tab being spaced from the free edge of the panel to which it is attached; and a continuous tension element joining together the free edges of all of the said tabs beneath the said chair seat.

2,129,226

FOOT PROTECTOR AGAINST STING RAY

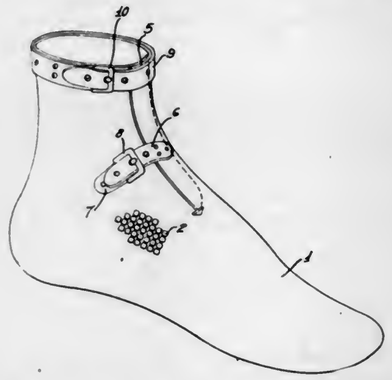
Elizabeth Montano, Coronado, Calif.

Application September 28, 1936, Serial No. 102,954

1 Claim. (Cl. 36—8.1)

In a foot and ankle protector against sting ray, a smooth surfaced heelless sock-shaped member made of light foraminous metallic flexible material throughout consisting of a plurality of plate-like members of substantially rectangular form interlocked with a plurality of ring like members whereby said members are relatively shiftable and forming an armor for the foot and above the ankle for surf bathing and swimming,

said sock-shaped member provided with an opening at the front side with overlapped portions and



means for securing the open front portions together in overlapped relation.

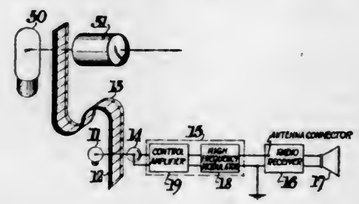
2,129,227

SOUND REPRODUCING APPARATUS

Richard S. Morse, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

Application October 14, 1936, Serial No. 105,558

2 Claims. (Cl. 179—100.11)



1. A sound motion picture projector comprising a motion picture film bearing a sound track, optical means to project the motion pictures from said film and means for reproducing sound from said sound track including a source of light to illuminate said sound track, a source of high frequency current to supply said source of light, a photoelectric cell adapted to receive light modulated by said sound track, means for adapting part of the output of said source of high frequency to form a carrier, means for modulating said carrier by the output of said photoelectric cell and means for introducing said modulated carrier into an ordinary radio receiving set having a loud speaker, said high frequency being within the range to which the radio receiving set is tunable.

2,129,228

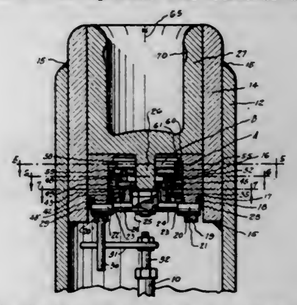
LOCKING MECHANISM

Edward T. Miller, Dallas, Tex.

Application October 25, 1937, Serial No. 170,879

13 Claims. (Cl. 70—178)

1. A locking mechanism for a control device including, a casing, rotatable means within the casing arranged to operate said device, an actuating member rotatably confined within the casing above said means, means for connecting said member to said means for imparting rotation thereto to operate the control device, and



means for locking the rotatable means to the casing to prevent actuation thereof.

2,129,229

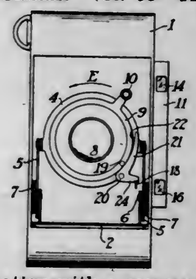
CAMERA WITH RANGE FINDER

Hugo Nagel, Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

Application March 5, 1937, Serial No. 129,243

In Great Britain April 7, 1936

2 Claims. (Cl. 95—44)



1. In combination with a camera of the focusing objective type and having a housing, a bed hingedly attached to the housing, a lens board supporting the objective, a support for the lens board mounted on the camera bed, a rotatable member mounted on the lens board for focusing the objective, said rotatable member having a cam follower whose cam contacting surface varies radially with longitude with respect to the axis of rotation, a cam parallel to the plane of rotation of said member also mounted on the lens board and non-concentrically engaging the cam follower to be moved thereby, a range finder mounted on the camera housing and having a light deviating means, and a member pivotally secured to the camera housing engaging the cam and the range finder light deviating means whereby rotation of the focusing member is transmitted in a predetermined manner by the cam to adjust the range finder light deviating means.

2,129,230

DOUBLE SHEET EJECTOR

James H. O'Neil, Syracuse, N. Y., assignor to Continental Can Company, Inc., New York, N. Y., a corporation of New York

Application October 2, 1936, Serial No. 103,796

3 Claims. (Cl. 209—88)

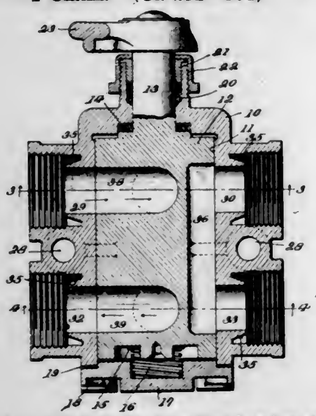
1. The combination with sheet feeding mechanism, of a rigid support provided wtih a hub above the path of the sheets, a stud rotatably mounted in said hub, a housing secured to said

stud, a torsion spring connecting the hub to the stud and normally holding the housing in a predetermined position, a disk rotatably supported within the housing with a segment thereof projecting from the housing toward the path of the sheets and spaced therefrom so as to contact only with abnormally thick or double sheets, a nor-



mally open switch carried by said disk and adapted to be closed by a predetermined rotation thereof, and means actuated upon the closing of said switch to eject the abnormal sheet from its normal course of travel, said housing being rotatable in opposition to said spring to allow an excessively abnormal sheet to clear.

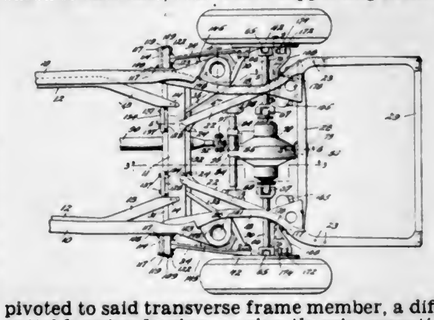
2,129,231
SELECTOR VALVE
Arthur L. Parker, Cleveland, Ohio
Application August 27, 1936, Serial No. 98,253
1 Claim. (Cl. 251—104)



A valve comprising a housing having a cylindrical bore, a plug valve located in said cylindrical bore, said housing having diametrically opposed ports adjacent one end of said bore and an intermediate port at right angles to the first-named ports, said housing also having radially disposed ports adjacent the other end of said bore with a similarly arranged intermediate port, said plug valve having an L-shaped port extending therethrough and disposed so as to connect selectively said diametrically opposed ports with said intermediate port at one end of said bore and another L-shaped port adapted to selectively connect the other diametrically arranged ports in the housing with the intermediate port associated therewith, and said plug valve having ports extending longitudinally thereof and disposed so as to connect selectively one of the diametrically arranged ports at one end of the bore with the similarly arranged port adjacent the other end of said bore.

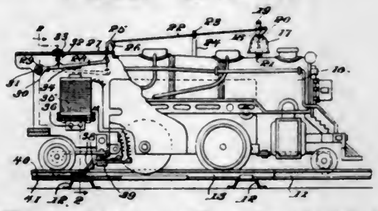
2,129,232
MOTOR VEHICLE
Clyde R. Paton, Birmingham, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application December 17, 1934, Serial No. 757,919
5 Claims. (Cl. 180—73)

4. In a motor vehicle frame having side sills provided with portions affording abutments for rear wheel supporting coil springs and structural elements secured to said sills and forming extensions thereof rearwardly of said abutments, the combination with a transverse frame member secured to said sills, rear wheel supporting members



pivoted to said transverse frame member, a differential housing having gearing therein operatively connected with said wheels, and means extending between said structural elements and said transverse frame member supporting said differential housing.

2,129,233
BELL RINGING DEVICE FOR ELECTRIC TOY TRAINS
Albert N. Peffers, Ossining, N. Y.
Application May 16, 1938, Serial No. 208,276
2 Claims. (Cl. 246—174)

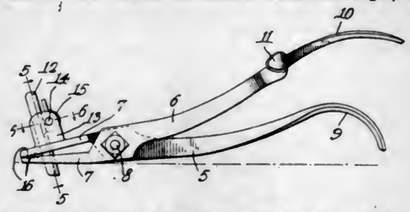


1. The combination with a toy electric track and electric locomotive thereon, of a contact bar disposed adjacent to the track, means for supplying an electric current to the bar, said track having rails and ties forming a return circuit for the current, metal brushes carried by and insulated from the locomotive, one brush having wiping contact with said bar and the other brush having wiping contact with said ties to interrupt the current, an electro-magnet on the locomotive electrically connected to said brushes, a bell on the locomotive, a spring controlled lever connected to the bell, and an armature for rocking the lever to ring the bell when the electro-magnet is energized.

2,129,234
BACON RINDER
Lloyd J. Perrin, Casper, Wyo., assignor to Oran Heath, Casper, Wyo.
Refiled for abandoned application Serial No. 333,681, January 19, 1929. This application March 2, 1938, Serial No. 193,592
1 Claim. (Cl. 146—130)

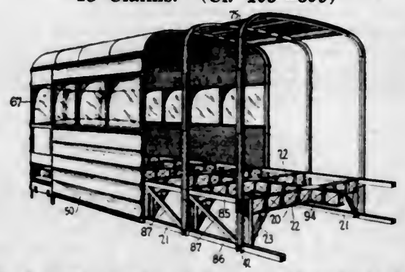
An implement for removing the rind of bacon, including pivotally connected members having handles, substantially wide flat jaws formed on the members, said jaws having openings disposed centrally thereof, a vertically adjustable blade supported on one of the jaws and extending through the opening of the opposite jaw, the

openings of the jaws being larger than the blade to allow the blade to move therethrough, and



one of the wide flat jaws adapted to guide the implement along the edge of the bacon under treatment.

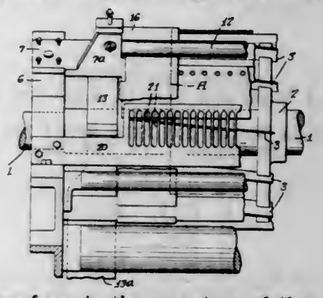
2,129,235
RAIL CAR BODY
Earl J. W. Ragsdale, Norristown, and Albert G. Dean, Narberth, Pa., assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application April 27, 1932, Serial No. 607,690
Renewed December 12, 1936
18 Claims. (Cl. 105—399)



8. A light weight, high strength vehicle body having a roof and an underframe, the principal load of which is carried by side trusses, each of said trusses including through-running chord members, and vertical struts and diagonals of angular section, each of said chord members, struts and diagonals being formed from light gauge sheet metal strips, said vertical struts having portions extending in the plane of the truss and across the chord elements and secured thereto, transverse floor beams securing said trusses together, certain of said vertical struts of the trusses serving to directly support the floor beams and certain of said struts extending beyond the side trusses to directly support the roof, the diagonals of said truss elements being in a longitudinally extending vertical plane of symmetry of the truss elements and being adapted to distribute their loads to other members of the truss elements substantially equally on opposite sides of said plane.

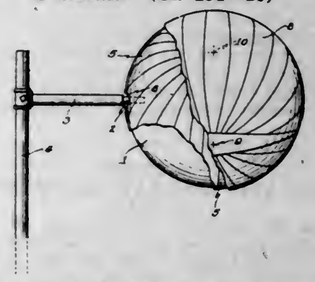
2,129,236
CLOTH SHEARING MACHINE
Charles G. Richardson, Springfield, Vt., assignor to Parks & Woolson Machine Company, Springfield, Vt., a corporation of Vermont
Application June 29, 1936, Serial No. 87,981
8 Claims. (Cl. 26—15)

1. A seam protecting device for a cloth shearing machine comprising a protective grid having a series of relatively narrow parallel strips arranged to extend in the direction of travel of the cloth and separated by intervening longitudinal spaces of relatively greater width permitting projecting threads on the cloth to freely travel through the spaces as the threads approach the shearing line, said grid being curved to approxi-



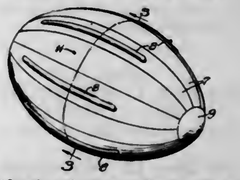
mately conform to the curvature of the path of the cutter blades of the shear and overlapping the shearing line.

2,129,237
BALL CONSTRUCTION
John T. Riddell, Chicago, Ill.
Application October 14, 1935, Serial No. 44,925
4 Claims. (Cl. 154—16)



1. The method of making leather covered balls, which consists in building up a hollow fabric casing by applying to a complete ball form strips of fabric with flush abutting edges in successive overlapping layers cemented together, removing the form through an aperture in said casing, inserting a bladder and inflating the casing, and then cementing upon the outer surface of the inflated casing a cover consisting of sections of leather with flush abutting edges.

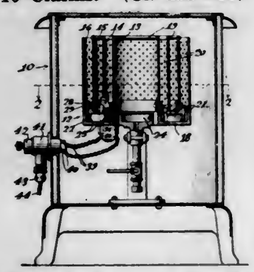
2,129,238
INFLATED BALL AND METHOD OF ITS MANUFACTURE
John T. Riddell, Chicago, Ill.
Application April 17, 1937, Serial No. 137,412
6 Claims. (Cl. 154—16)



1. The method of manufacturing externally ribbed playing balls which consists in forming an inner carcass, inflating said carcass, cementing cords onto the outer surface of said carcass in the desired location of the ribs, covering said carcass with cemented on segment-shaped strips of leather, and then pressing said strips of leather

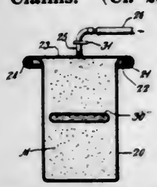
smoothly against said carcass whereby said cords form rounded ribs on the external surface of the finished article.

2,129,239
IGNITION DEVICE
James A. Rook and Clay H. Rook, Los Angeles, Calif.
Application March 27, 1933, Serial No. 662,989
10 Claims. (Cl. 158—86)



1. A combustion tube burner having a base provided with a fuel channel, means to supply fuel to said channel, a combustion chamber above said fuel channel, a wick in said channel, and means for igniting the wick and the fuel carried thereby at atmospheric temperature, said means comprising an electric resistance igniting element in said chamber positioned closely adjacent said wick and substantially coextensive therewith.

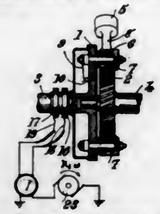
2,129,240
METHOD AND APPARATUS FOR MOLDING ARTICLES
Paul H. Sanborn, Huntington, W. Va.
Application December 18, 1936, Serial No. 116,610
17 Claims. (Cl. 25—45)



13. Apparatus for molding powdered or granular material, comprising elastic means entirely surrounding said material for confining the material while being molded, means for compressing the confined material by the application of force applied exteriorly of the material, and an elastic element positioned in the confined material to partially separate the material into separable portions, said element exerting an internal pressure on the material due to its inherent resistance to compression.

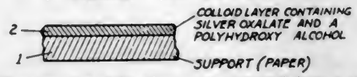
2,129,241
APPARATUS FOR CONTINUOUSLY MEASURING TORQUES
Raoul Roland Raymond Sarazin, Saint-Prix, France
Application May 13, 1937, Serial No. 142,523
In Luxemburg March 15, 1937
9 Claims. (Cl. 265—25)

1. In connection with a system including a driving element and a driven element, an apparatus for continuously measuring the torque transmitted from the first element to the second one, which comprises, in combination, at least one member movably connected with both of said elements, at least one mass positively interconnected with said member, operative by the centrifugal force resulting from the rotation of said elements, for balancing the action of said torque



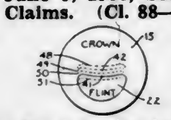
on said member for a corresponding relative position of said member with respect to said elements, and means, responsive to displacements of said member from a predetermined relative position and to the speed of revolution of said elements, for indicating the value of said torque.

2,129,242
HEAT SENSITIVE COMPOSITIONS
Samuel E. Sheppard and Waldemar Vanselow, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application May 25, 1935, Serial No. 23,514
7 Claims. (Cl. 91—68)



1. A thermographic element comprising a support and a heat-sensitive colloid layer thereon containing a heat-sensitive oxalate and as the only sensitizer for the oxalate a polyhydroxy alcohol having not more than 5 hydroxy groups in the molecule.

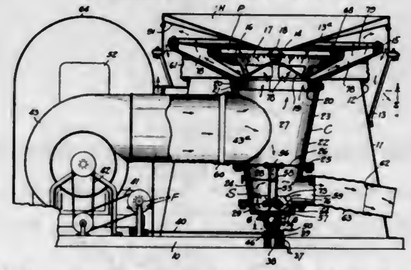
2,129,243
BIFOCAL LENS
David Slotsky, Cleveland, Ohio
Application June 9, 1936, Serial No. 84,321
4 Claims. (Cl. 88—54)



1. An insert for a major lens comprising a piece of glass having a different refractive index from that of the major lens, said insert being defined by a bottom edge and a curved top edge extending transversely of the major lens, said bottom edge having its ends extending upwardly and interconnecting the ends of the top edge, said top curved edge having two spaced positive nodal points located relatively far apart and an intermediate negative nodal point, each of said spaced positive nodal points being located relatively close to the interconnection of each end of the top edge with each end of the bottom edge, the top edge between each of said positive nodal points and the adjacent relatively close interconnection of the end of the top and the bottom edge being curved downwardly in a short arc, the top edge between the two spaced positive nodal points being concaved slightly downwardly with respect to a line contacting the two spaced positive nodal points and forming a low flat arc which passes through the intermediate negative nodal point, the contour of said top edge being thus formed

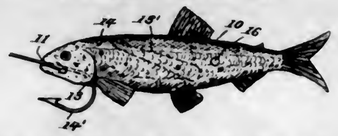
to provide an entrant field of vision with substantially every place along the curved top edge appearing substantially simultaneously as the vision of the eye passes from the major lens to the insert.

2,129,244
MINERAL CONCENTRATOR
Robert Smith, Ajo, Ariz., assignor to Robert S. Davis, Rowood, Ariz.
Application October 24, 1936, Serial No. 107,427
9 Claims. (Cl. 209—466)



3. A mineral concentrator comprising a concentrating unit having upper and lower concentrating compartments; means defining reticulated bottoms for the respective compartments; means from which ore bearing material is adapted to discharge onto the central portion of said bottom for the upper compartment; means for agitating said unit by continuously tilting same in a circular path about a vertical axis to cause material deposited on said one of the bottoms to travel in a circular path outwardly thereof; means for directing air blasts through the bottoms to coact with the agitation of the unit in removing gangue from the material as it traverses said one of the bottoms; means correlated with said one of the bottoms, into which concentrates from the material are caused to be deposited; and means for conducting such concentrates to the bottom of the lower concentrating compartment for higher concentration by the combined mechanical agitation and action of the air blast.

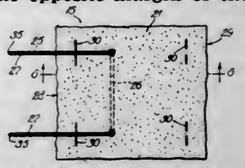
2,129,245
FISH LURE
Walfred J. Stenstrom, Federal Dam, Minn.
Application August 27, 1937, Serial No. 161,321
1 Claim. (Cl. 43—46)



A sponge rubber minnow having a head and gills, and a channel in the head having diverging branches opening through the gills to receive a fish hook.

2,129,246
HAIR WAVING PAD AND METHOD
Bernard A. Sterling, Chicago, Ill.
Application April 19, 1937, Serial No. 137,600
3 Claims. (Cl. 132—36.2)

1. In a hair waving pad of the class described, in combination, a pad part, and fastening means carried by and constituting a unitary part of said pad for clamping said pad upon the hair, said fastening means comprising prong means secured to the pad and projecting from one margin thereof, said prong means being adapted to be bent over the opposite margin of the pad when



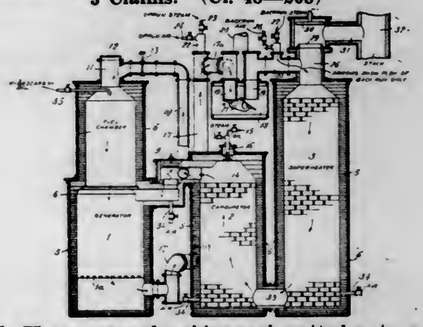
the pad is wrapped around the hair and to remain in bent position to hold the pad in place upon the hair.

2,129,247
BELLOWS LOCK FOR ACCORDIONS
Fred Stuchly, East Pittsburgh, Pa.
Application November 19, 1936, Serial No. 111,634
5 Claims. (Cl. 84—376)



1. The combination with a bellows secured at each end to a frame, of a pivotally mounted latching finger on the frame at one end of the bellows, a weight element eccentrically mounted on the finger to move the finger to either of two positions in response to the force of gravity, and a detent for the finger, said detent consisting of two pivoted levers individually notched to serve as triggers or catches for the finger, and opposingly positioned to jointly restrain the latching finger, and a biasing spring for urging the pivoted levers together.

2,129,248
METHOD OF MAKING COMBUSTIBLE GAS
Charles I. Tenney, Minneapolis, Minn., assignor to Semet-Solvay Engineering Corporation, New York, N. Y., a corporation of New York
Application November 1, 1932, Serial No. 640,593, which in turn is a division of application Serial No. 31,028, May 18, 1925, now Patent No. 1,900,961, dated March 14, 1933. Divided and this application March 5, 1938, Serial No. 194,065
3 Claims. (Cl. 48—208)



1. The process of making carburetted water gas of low specific gravity, which, when practiced in a set including a single generator, a single carburetor, a single superheater, in individual detached shells, and a wash box, connected in series, comprises internally preheating the carburetor and superheater solely by air blast gas from the generator, making carburetted water

gas by forward steaming and carburetting, introducing hydrocarbon oil into the back run steam, and generating gas comprising carburetted water gas and hydrogen and of lower specific gravity than the forward run carburetted water gas and of lower specific gravity than would be the case in the absence of the introduction of the hydrocarbon oil by passing the mixture of steam and oil down through the fuel bed, partially decomposing the hydrocarbon oil to hydrogen and to oil gas which latter carburets the water gas simultaneously generated in the fuel bed.

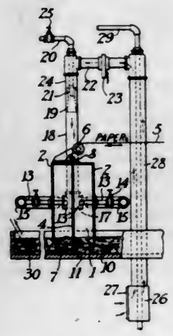
2,129,249

APPARATUS FOR SIZING PHOTOGRAPHIC PAPER

John C. Trahey, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

Application March 27, 1937, Serial No. 133,423

7 Claims. (Cl. 91—46)



1. An apparatus for sizing paper comprising in combination, a tank adapted to contain sizing solution, a gas chest having a paper inlet above and a paper exit below the surface of the size, a gas inlet to the chest, a source of steam connected to the chest, a source of air connected to the chest, means included in the steam and air connections for initially mixing the gases before said gases are passed into the chest.

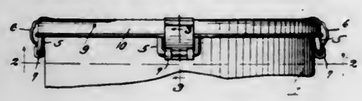
2,129,250

CLOSURE FOR CONTAINERS

Thomas L. Varker, Wilkes-Barre, Pa., assignor to Continental Can Company of Pennsylvania

Application May 20, 1936, Serial No. 80,839

1 Claim. (Cl. 220—55)



A sheet metal container and a closure therefor comprising a body portion having an outwardly rolled hollow bead at the upper end thereof, said bead having cutaway portions, a wire disposed within said bead and extending around the container, said wire being bent at said cutaway portions to form depending yokes extending downwardly along the outside of the body wall, and a resilient clip pivotally secured to each yoke and dimensioned so as to contact with said closure when turned to a position overlying the same for holding the closure on the container.

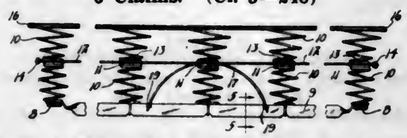
2,129,251

BEDSPRING

George F. Venzke, Minneapolis, Minn.

Application April 1, 1938, Serial No. 199,377

6 Claims. (Cl. 5—248)



1. In a bed spring construction, an assembly of rigidly supported yieldable coils, and means for decreasing the normal yieldability of the lower portions of those coils lying substantially along the longitudinal center of said assembly.

2,129,252

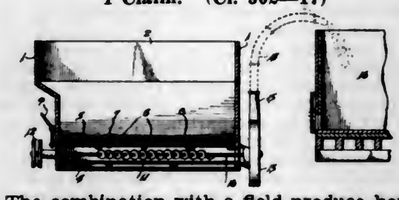
FARM PRODUCTS LOADING AND DISTRIBUTING DEVICE

James Carson Whiteside, Sceptre, Saskatchewan, Canada

Application September 26, 1936, Serial No. 102,734

In Canada February 3, 1936

1 Claim. (Cl. 302—17)



The combination with a field produce hopper-shaped container for mounting on a truck, of a shaft supported screw-conveyor at the bottom of the container for use when unloading the said container, an outboard mounted blower fan attached to the shaft of the said screw-conveyor, a casing for the fan having an intake opening for receiving produce from the screw-conveyor and another intake opening for receiving produce from outside sources to deliver same into the said container, and means by pulleys attached to the shaft of the said screw-conveyor for driving the said blower fan, all as described.

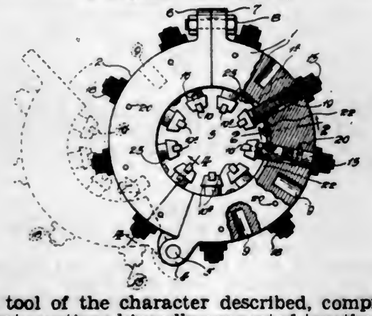
2,129,253

CRANKSHAFT GRINDER

Ulysses G. Willis, Dallas, Tex.

Application July 13, 1936, Serial No. 90,409

1 Claim. (Cl. 82—4)



A tool of the character described, comprising arcuate sections hingedly connected together and providing a central opening in the tool when the parts are closed, means for holding and releasing said arcuate sections to and from operable position on a shaft, each arcuate section being provided with radially disposed recesses for manual rotation of the tool by an implement, each section having radial bores in spaced relation, a plurality of cutter and guide holders disposed in said bores and the said holders being provided with cutter and guide elements, a groove in the inner periphery of the said arcuate sections and arc-shaped key elements being positioned in the said groove between each of the holder elements, means for holding the key elements in position, and a vertical groove in each side of each of the holder elements for seating the said key elements so as to prevent rotation of said holders when each of the said holders is being independently moved to and from the said opening.

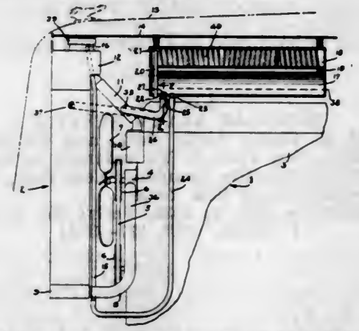
2,129,254

RADIATOR APPARATUS AND METHOD

Everett N. Wood, Minneapolis, Minn.

Application December 23, 1937, Serial No. 181,345

33 Claims. (Cl. 123—174)



9. An engine cooling system of the fluid type having an overflow passageway, a reservoir to collect fluid passed through said overflow passageway, said passageway and reservoir being so formed that a mass of fluid must be moved when fluid moves through said passageway from the reservoir to the system, and a fluid connection from the reservoir to the system so formed that a mass of fluid must likewise be moved when fluid passes from the reservoir to the system by way of said connection, the passageway and connection being formed so that the inertia of the mass of fluid moved by movement of fluid through said passageway is greater than the inertia of the mass of fluid moved by movement of fluid through said connection when fluid is drawn into the system by a decrease in pressure therein, and a low inertia valve to restrict the flow of fluid from the system through said connection.

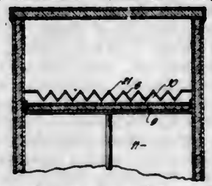
2,129,255

REFRIGERATOR

Charles H. Andros, Nassau, N. Y., assignor to Harder Refrigerator Corporation, Cobleskill, N. Y., a corporation of New York

Application October 31, 1936, Serial No. 108,660

6 Claims. (Cl. 62—46)



1. In an ice refrigerator, the combination with an ice support comprising a metal plate formed with a plurality of alternating sharp-crested V-shaped ridges and valleys therein, the angles formed by the sides of the valleys being between about 40° and about 90°, and the depth of said valleys being so proportioned in relation to the temperature and rate of circulation of said air that said valleys are maintained substantially solidly filled with ice throughout, of means below and in closely spaced relation to the bottom of said support and cooperating therewith to form a shallow air duct therebetween; whereby to confine the major portion of the air flowing therethrough in close proximity to the sides of said ice-filled valleys.

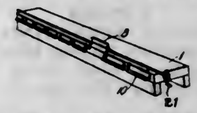
2,129,256

METHOD OF MAKING INSULATING TUBES

Armais Arutunoff, Bartlesville, Okla., assignor to Reda Pump Company, Bartlesville, Okla., a corporation of Delaware

Application November 4, 1937, Serial No. 172,762

3 Claims. (Cl. 93—94)



1. A method for making insulating tubes including the steps of partially rolling a sheet of flexible material about a cylindrical form, applying insulating adhesive to an unrolled portion of said sheet, continuing the rolling of said sheet to form a tube, removing the cylindrical form from said tube while said adhesive is in a soft state, inserting a form having a predetermined cross-sectional shape into said tube, and molding said tube about said form at elevated temperature.

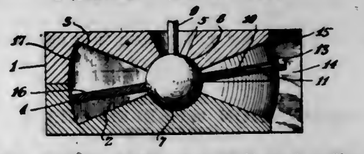
2,129,257

PROCESS OF MAKING THRUST ROLLERS FOR FLUID METERS

Charles Bachmann, Jackson Heights, N. Y., assignor to Neptune Meter Company, a corporation of New Jersey

Application January 15, 1936, Serial No. 59,180

3 Claims. (Cl. 29—148)



1. The process of forming a thrust roller assembly for fluid meters, which comprises providing a metal spindle with a serrated surface portion adjacent one end heating a hard rubber annulus to expand it, shrinking it on a surface portion, and then machining the annulus to the desired form.

2,129,258

CIRCUIT CONTROLLER FOR TOY RAILROADS

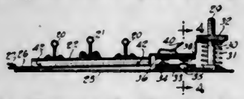
Joseph L. Benanno, Forest Hills, N. Y., assignor to The Lionel Corporation, New York, N. Y., a corporation of New York

Application May 29, 1936, Serial No. 82,477

15 Claims. (Cl. 246—251)

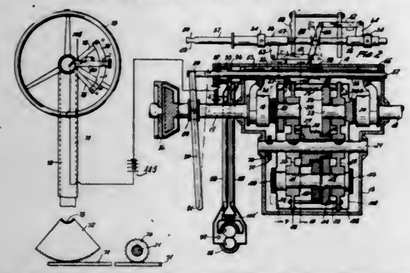
1. A circuit controlling unit for use with toy railroad tracks, comprising a lower or base plate, a superposed track-supporting plate having its

ends supported from the lower plate and connected thereto to prevent relative sliding movement of the plates, the intermediate portions of the plates being out of physical contact with each other whereby the upper plate may bend when loaded intermediate its ends, the plates being adapted to extend under the rails of the track and support both track rails and to receive



intermediate their ends the load of a vehicle carried by said tracks, and a pair of opposed circuit controlling contacts carried by the respective plates intermediate the ends thereof, the contacts having a normal electrical relation in the absence of a load on the track and movable out of said relation into the opposite electrical relation when the upper plate is bent downwardly by the load on the track.

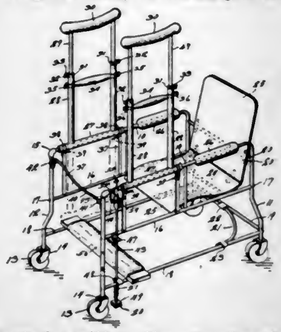
2,129,259
GEAR CHANGE OPERATING MEANS
Solon J. Boughton, Shaker Heights, Ohio
Application June 4, 1934, Serial No. 728,852
15 Claims. (Cl. 192—3.5)



1. In an automotive vehicle, a steering post, a steering wheel, a clutch, a transmission of the revolving gear carrier type, means for revolving said gear carrier to bring the desired gear train into operative position, a shift lever mounted to turn about an axis extending lengthwise of said steering post and operatively connected with said carrier revolving means, and means associated with said lever for controlling said clutch.

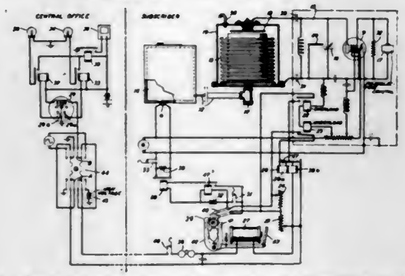
2,129,260
COMBINATION WHEELED CHAIR AND CRUTCH
Norma G. Bowser, San Leandro, Calif.
Application January 9, 1937, Serial No. 119,867
4 Claims. (Cl. 155—22)

1. A supporting structure of the character described, including laterally disposed frames formed to provide legs, the frames being operatively connected to each other in spaced relation, wheels engaged with the lower ends of said legs, a seat and back supported upon said frame, each frame including upper longitudinally extending elements, a tubular section rotatively engaged with each of said last named frame elements for swinging movement around the longitudinal axes of the respective elements and carrying upwardly extending tubular members, crutch heads having depending legs telescopically engaged with the tubular members, means for clamping the crutch heads in vertically adjusted position, hand grips engaging the tubular members and having means whereby they may be clamped in vertically adjusted position thereon, and means for clamping the tubular elements upon said longitudinally extending frame mem-



bers in adjusted position, the crutches formed by the tubular members and the crutch heads being thus adjustable toward or from each other or adapted to be turned to a depending position.

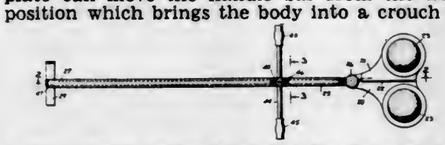
2,129,261
BURGLAR ALARM SYSTEM
Leland H. Chase, Little Neck, and Clifford L. Loudon, New York, N. Y., assignors to Holmes Electric Protective Company, New York, N. Y., a corporation of New York
Application May 2, 1936, Serial No. 77,522
4 Claims. (Cl. 177—314)



1. An alarm system comprising a central office, a subscriber's station, an enclosure at said subscriber's station, means including a continuously operated fan for maintaining the air in said enclosure at a pressure different from that on the outside thereof, means connected to said enclosure responsive to changes in air pressure on the interior thereof, means controlled by said second means to transmit an alarm signal to the central office upon sufficient change in pressure in said enclosure, and means, including means at the subscriber's station and controlling means at said central office, for testing said system by varying the speed of the fan.

2,129,262
HEALTH APPARATUS
Rex Cole, New York, N. Y.
Application May 7, 1935, Serial No. 20,130
4 Claims. (Cl. 272—57)

4. A health building apparatus adapted to be rested flat on the floor and comprising a knee plate, an upwardly inclined elongated guide secured to the knee plate and having a support extending to the floor, and a transversely extending handle bar, a handle bar supporting trolley reciprocable along said guide, the parts being so dimensioned that the user kneeling on the knee plate can move the handle bar from the near position which brings the body into a crouch to



a far position which stretches the body at full length, the inclined guide facilitating the return to the crouch position.

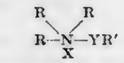
2,129,263
HANDLE ATTACHING DEVICE
Robert Cricco, Hoboken, N. J.
Application September 9, 1937, Serial No. 163,023
4 Claims. (Cl. 306—40)



1. A device adapted to connect a handle to an article comprising an article; a split frame carried by said article, the open ends of which are extended outwardly, each extended end having an opening therethrough; a supporting member carried by said article, an extended flange carried by said supporting member having a threaded opening therein, the ends of said flange being adapted to pass through the openings in said frame ends; a ferrule adapted to encompass said frame ends and abut upon said frame, and means adapted to fixedly combine said frame ends to said flange and to cause said ferrule to forcibly abut upon said frame.

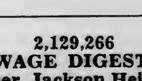
2,129,264
NITROGEN-CONTAINING ORGANIC COMPOUNDS
Frederick Baxter Downing, Carneys Point, and Frank Willard Johnson, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application March 29, 1935, Serial No. 13,664
38 Claims. (Cl. 260—501)

3. Compounds of the group consisting of the metal salts and inner anhydrides of quaternary ammonium compounds having the general formula:



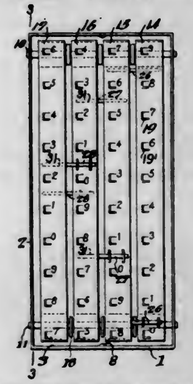
wherein X represents an anion, Y represents a carbon chain containing not more than four carbon atoms and an acidic salt-forming group, R' represents hydrogen or an aliphatic group, the three R's represent aliphatic groups, and at least one of the groups denoted as R or R' contains at least eight carbon atoms.

23. Compounds which in the form of their inner anhydrides have the following general formula:



wherein Y represents an aliphatic group containing not more than four carbon atoms, R' represents hydrogen or an aliphatic group, the three R's represent aliphatic groups, A represents the residue of a condensed acidic salt-forming group, and at least one of the groups denoted as R or R' contains at least eight carbon atoms.

2,129,265
ADDING MACHINE
Frederick Duby, Miami, Fla.
Application May 9, 1936, Serial No. 78,903
1 Claim. (Cl. 235—140)

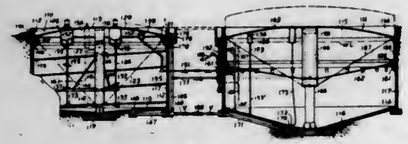


In an adding machine having a plurality of sets of spaced rollers independently revoluble and mounting number carrying bands to be independently movable, carryover pins on each of the bands of lower order having an extension lying beneath the adjacent band of next higher order in position to engage between the band and roller and thereby accomplish carryover movement of the band of the next higher order when the adjacent lower order band has been moved to accumulate a carryover sum.

2,129,266
SEWAGE DIGESTION
Anthony J. Fischer, Jackson Heights, Long Island, and Nels B. Lund, Seaford, N. Y., assignors to The Dorr Company, Inc., New York, N. Y., a corporation of Delaware
Original application May 31, 1934, Serial No. 728,376. Patent No. 1,989,589, dated January 29, 1935. Divided and this application January 28, 1935, Serial No. 3,724
6 Claims. (Cl. 210—2)

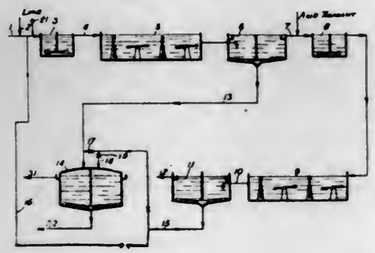
1. In a multi-stage sewage sludge digestion system a primary digester and a secondary digester each comprising a sludge holding tank and a top member at the underside of which there is a gas-collecting space and of which digesters at least one top member is essentially provided by a vertically movable gas holder having a cap portion and depending marginal flange dipping into the sludge body within the tank whereby the result-

ing gas-collecting space is expansible and contractible; means for feeding sewage sludge into the primary digester; sludge transfer means providing a conduit leading from the interior of the primary digester to the interior of the secondary digester and having an overflow section for determining a level below which the top surface of the sludge body in the primary digester does not normally fall; liquid withdrawal means leading from the secondary digester having an effluent overflow section that determines a level below which the top surface of the sludge body within



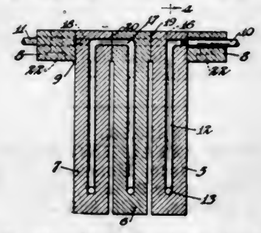
the secondary digester does not normally fall; and means providing a gas conduit extending from an elevation within the primary digester that is higher than that of the overflow section of the sludge transfer means, thence laterally beneath and past the lower edge of the marginal flange of the aforementioned vertically movable gas holder and thence upwardly into the gas-collecting space within the secondary digester whereat it terminates at an elevation higher than that of the effluent overflow section of the liquid withdrawal means.

2,129,267
SEWAGE TREATMENT
Anthony J. Fischer, Jackson Heights, Long Island, N. Y., assignor to The Dorr Company, Inc., New York, N. Y., a corporation of Delaware
Application February 28, 1935, Serial No. 8,584
3 Claims. (Cl. 210—2)



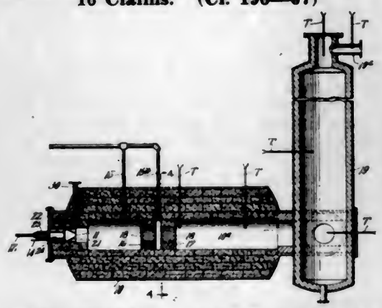
1. The method of treating sewage and the like, and the digesting of sludge therefrom, which comprises mixing with the sewage an alkali reactable therewith to impart to the sewage as well as to sludge derived therefrom alkaline characteristics, subjecting the alkalized sewage to primary sedimentation, separately withdrawing as a result of said sedimentation an alkaline sludge and supernatant effluent liquid, mixing with said effluent an acidulating agent reactable therewith having a strong acid radical to impart to the sludge derived therefrom preferably neutral but at most only slightly acid characteristics, subjecting said withdrawn effluent liquid to secondary sedimentation, separately withdrawing as a result of said secondary sedimentation nonalkaline sludge and a clarified effluent, mingling said thus derived sludges, and treating the mingled sludges by anaerobic biologic digestion.

2,129,268
MOLD FOR PLASTIC MATERIALS AND METHOD OF MAKING THE SAME
Alvin O. Fuhrmann, Rock Island, Ill., assignor to National Battery Company, St. Paul, Minn., a corporation of Delaware
Application May 15, 1936, Serial No. 79,874
6 Claims. (Cl. 29—148.2)



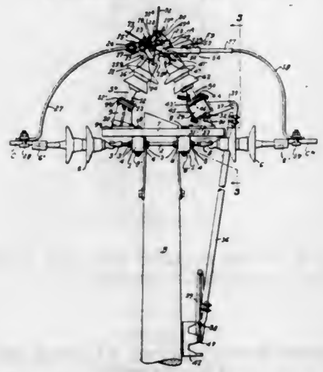
3. In the manufacture of sectional cores for forming battery containers, said cores having interconnected passages for steam formed entirely in the core sections, the method of forming steam-tight joints at the junctions between sections which consists in forming a core head with a central opening to embrace said sections with a shrink fit, heating the core head to expand it sufficiently to receive said sections in said opening, placing the assembled core sections in said core head opening and allowing the assembly to cool.

2,129,269
CONVERSION OF HYDROCARBONS
Joseph P. Furlong, Jersey City, N. J., assignor to Amarel Corporation, Newark, N. J., a corporation of Delaware
Application July 21, 1936, Serial No. 91,668
16 Claims. (Cl. 196—67)



1. The process of converting hydrocarbons which comprises continuously supplying a combustible stream containing a stoichiometrical mixture of fuel and oxygen, effecting combustion of said stream substantially at the normal flame temperature of said stoichiometrical mixture to produce a continuous stream of oxygen-free combustion gases having carbon oxidizing properties, injecting into said combustion gas stream while at substantially the said normal flame temperature a charging stream composed substantially entirely of hydrocarbons and producing a hydrocarbon-containing mixture heated to a temperature above 1650° F., passing said hydrocarbon-containing mixture through a reaction zone at progressively decreasing temperature and discharging the reaction product from said zone at a temperature in the range between approximately 1000° F. and approximately 1100° F., and maintaining said hydrocarbon-containing mixture above 1650° F. for sufficient time to yield a highly aromatic and olefinic reaction product and to effect oxidation of carbon separated from said hydrocarbons.

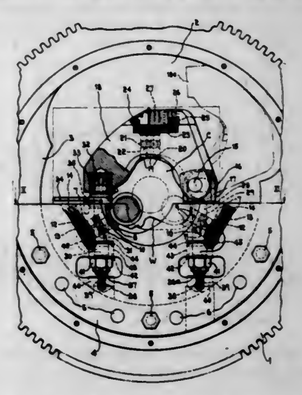
2,129,270
ELECTRICAL SWITCH
Olav Froland, St. Louis, Mo., assignor to James R. Kearney Corporation, St. Louis, Mo., a corporation of Missouri
Application March 9, 1936, Serial No. 67,807
5 Claims. (Cl. 200—48)



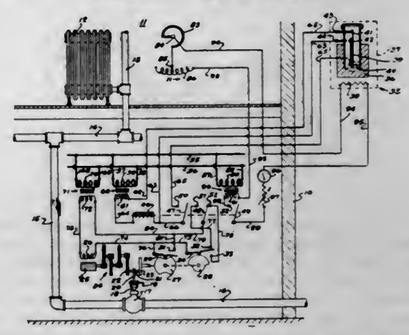
1. A switch comprising a stationary contact assembly, a movable contact assembly, a pair of yieldable contact elements supported by said stationary contact assembly, a contact element pivotally supported by said movable contact assembly and movable into position between and in contact with both of the contact elements of said pair of yieldable contact elements so as to provide point pressure contact between said pivotally supported contact element and said pair of yieldable contact elements, said pivoted contact element being provided with portions spaced longitudinally of said contact element which are forced between and in contact with the contact elements of said pair of yieldable contact elements to provide said point pressure contact between said pivoted contact element and said pair of yieldable contact elements, and means mounted on said movable contact assembly and arranged in engagement with the contact element pivotally supported thereby so as to provide a toggle action between said movable contact assembly and said pivotally supported contact element when the switch is moved into and out of the closed switch position.

2,129,271
CRANKSHAFT CHUCK
William F. Groene and Walter R. Meyer, Cincinnati, Ohio, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio, a corporation of Delaware
Application October 6, 1937, Serial No. 167,613
8 Claims. (Cl. 82—40)

1. In a chuck, a rotatable chuck body, work engaging plungers mounted in said chuck body to one side of the axis of rotation of said chuck, chambers containing a compensating pressure receiving medium behind said plungers, a clamp pivotally mounted on the other side of said axis, a latch means associated with said clamp, work engaging plungers mounted in said clamp, a chamber containing a compensating pressure receiving medium behind said last mentioned plungers, said pivotal mounting and said latch means associated with said clamp being floatingly mounted on said chuck body and interconnected with said first mentioned chambers, and means in said clamp for applying pressure to said second mentioned chamber.



2,129,272
HEATING SYSTEM
William J. Hajek, Brookline, Mass., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application June 12, 1935, Serial No. 26,183
4 Claims. (Cl. 236—91)

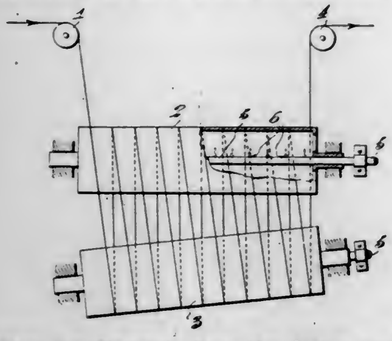


1. In a system of the class described, temperature changing means for a building, an outdoor controller having temperature changing means and thermostatic means, the thermostatic means controlling both temperature changing means to maintain the temperature of the building substantially constant, and a thermostatically operated variable resistance responsive to the building temperature for adjusting the outdoor controller temperature changing means.

2,129,273
METHOD OF DRYING ARTIFICIAL FILAMENTS
August Hartmann and Johannes Uytenbogaart, Berlin-Lichterfelde, Germany, assignors to North American Rayon Corporation, a corporation of Delaware
Application November 29, 1933, Serial No. 700,338
In Germany December 2, 1932
4 Claims. (Cl. 18—54)

1. In a method of drying artificial filaments

the steps of passing the filaments to drying surfaces under less than 5 grams tensile stress, then



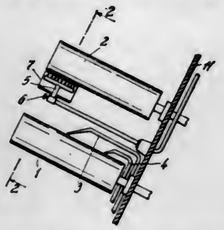
passing the filaments from the drying surfaces under less than 5 grams tensile stress.

2,129,274

PROCESS FOR TREATING ARTIFICIAL FILAMENTS AND APPARATUS THEREFOR

August Hartmann and Johannes Uytenbogaart, Berlin-Lichterfelde, Germany, assignors to North American Rayon Corporation, a corporation of Delaware

Application June 14, 1934, Serial No. 730,662
In Germany June 14, 1933
6 Claims. (Cl. 18—8)



5. In a process for the continuous manufacture of artificial filaments, the steps of passing the filaments in a helical path over smooth surfaced rotating guiding surfaces, wet-treating the filaments in successive stages as they pass progressively over at least one of said surfaces, and drying the filaments in successive stages by passing them alternately a plurality of times over a heated portion of at least one of said surfaces and an unheated portion of said surfaces, the heated portion having applied a highly heated medium at a point with which the threads are momentarily out of contact.

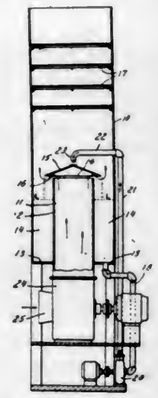
2,129,275

FUMIGATION

Albert Hartzell, Frank Wilcoxon, and William J. Youden, Yonkers, N. Y., assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y., a corporation of New York

Application January 9, 1934, Serial No. 705,884
8 Claims. (Cl. 21—58)

5. In the fumigation of enclosures with a fumigant-charged gas, the method of controlling the concentration of the fumigant in the gas which comprises preparing a solution comprising the fumigant and a non-toxic diluent in such proportions that the vapor pressure of the fumigant over the solution corresponds substantially to the maximum partial pressure of fumigant vapor which it is desired to build up in the gas, and then



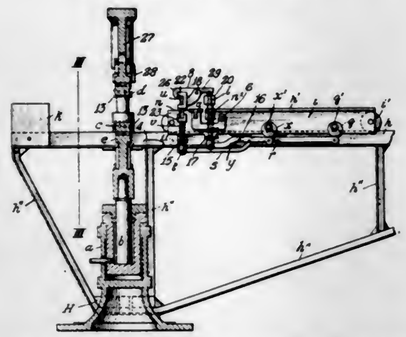
passing a gas in contact with the solution to charge the gas with the fumigant.

2,129,276

PRESS FOR CONNECTING VENEER OR SIMILAR STRIPS

Franz Herr, Luneburg, Germany, assignor, by mesne assignments, to Niederrheinische Maschinenfabrik Becker & Van Hüllen, Krefeld-Uerdingen-on-the-Rhine, Germany

Application August 26, 1935, Serial No. 37,954
In Germany August 27, 1934
6 Claims. (Cl. 144—281)



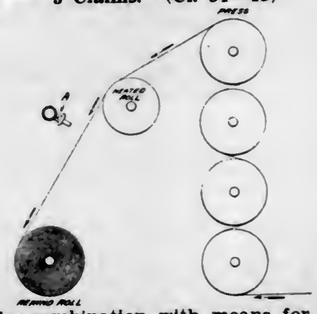
1. A press for joining the cross-grain edges of strips of veneer or the like comprising in combination a movable carriage, two pairs of relatively adjustable clamping and backing beams arranged on said carriage and each pair arranged to grip at a distance from the joint one of the two strips of said veneer after their cross-grain edges have been chamfered and prepared for sticking together, hot pressing means arranged to receive said carriage with the two veneers clamped thereon and to exert pressure and heat to said veneers and their joint, a support oscillatably mounted on said carriage between said pairs of clamping and backing beams,, a locking arm operatively connected to said support, means operatively connected to the arm for holding the support in its active position, and means adapted to release said locking arm during the running of said carriage into said press.

2,129,277

APPARATUS FOR SETTING PRINTING INK

Francis Jack Jeuck, Battle Creek, Mich., assignor to Interchemical Corporation, a corporation of Ohio

Original application December 27, 1935, Serial No. 56,303. Divided and this application May 4, 1936, Serial No. 77,826
3 Claims. (Cl. 34—48)



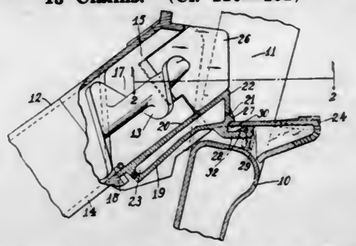
1. The combination with means for applying printing ink to material, of apparatus for setting the ink after printing, comprising means, spaced from the means for applying ink to the material, for heating the printed material to a temperature which is sufficient to cause rapid vaporization of a liquid contained in the ink and insufficient to scorch the material to which the ink has been applied, and separate means located adjacent to the printed side of the printed material for igniting the vapor of said liquid emerging from the ink.

2,129,278

FUEL DISTRIBUTOR

Paul A. Ketchpel, West Englewood, N. J., assignor, by mesne assignments, to The Standard Stoker Company, Inc., a corporation of Delaware

Application October 26, 1933, Serial No. 695,334
13 Claims. (Cl. 110—101)



5. As an article of manufacture, a distributor head for a stoker having a front face, jet openings in said front face, a lip extending forward of said front face, a ledge beneath and spaced apart from said lip extending in the same direction and beyond the free side of said lip, said ledge at its free side having an upturned portion terminating a vertical distance below said lip.

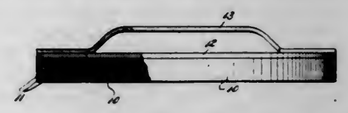
2,129,279

SCOURING IMPLEMENT

Russell B. Kingman, Orange, N. J., assignor to Metal Textile Corporation, West Orange, N. J., a corporation of Delaware

Application July 8, 1936, Serial No. 89,551
2 Claims. (Cl. 15—105)

1. A device for the purposes described, comprising a flat body of yielding material of substantial thickness, one face of which constitutes an operative face and the other of which constitutes a back face, a multiplicity of spaced metallic bristles imbedded lengthwise through the thickness of said body to extend from the back face to the operative face thereof, opposite inner and outer ends of said bristles being respectively exposed flush with the respective back and operative faces of said body, and an impenetrable backing member secured to said back face of said body to abut the bristle inner ends whereby pressure applied to said backing member operative to compress the yieldable body, when the latter's operative face is applied to and rubbed over a surface to be treated, is transmitted to said bristles with tendency to project their outer end beyond the operative face of said body.

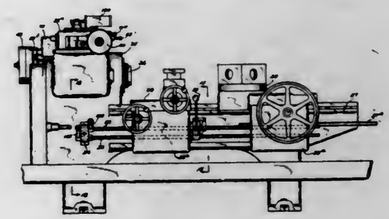


2,129,280

MACHINE TOOL

Max E. Lange and John J. N. Van Hamersveld, Cleveland Heights, Ohio, assignors to The Warner & Swasey Company, Cleveland, Ohio, a corporation of Ohio

Application April 8, 1935, Serial No. 15,182
67 Claims. (Cl. 29—46)



1. In a machine tool having a part to be moved at different speeds for the different operative steps of the cycle, means operable during the movement of said part at one speed for selecting the following speed of said part and for changing the speed thereof to the preselected speed at the end of the operative step, power means for operating said last named means to preselect the speed for said part, a housing for said last named means and for said power means, and a control member operatively connected with said preselecting and speed changing means and remotely arranged with respect to said housing for controlling said preselecting and speed changing means and said power means.

2,129,281

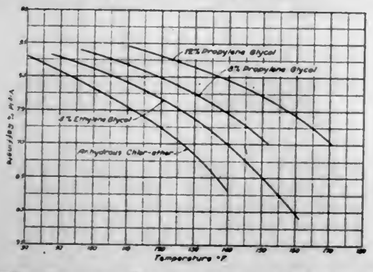
LUBRICATING OILS

Bert H. Lincoln and Gordon D. Byrkit, Ponca City, Okla., assignors to Continental Oil Company, Ponca City, Okla., a corporation of Delaware

No Drawing. Application March 23, 1936, Serial No. 70,405
15 Claims. (Cl. 87—9)

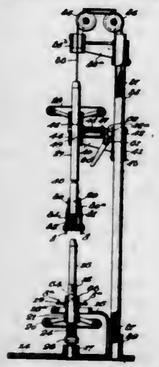
1. A lubricant comprising in combination a major proportion of a hydrocarbon oil and a minor proportion of an organic silicon compound having at least one carbon-silicon bond.

2,129,282
REFINING MINERAL LUBRICATING OILS
James Morris Page, Jr., Casper, Wyo., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application February 17, 1936, Serial No. 64,217
5 Claims. (Cl. 196—13)



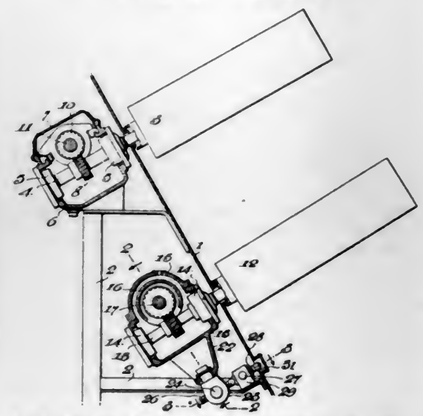
1. The process of extracting undesirable constituents from wax-containing mineral lubricating oils which comprises intimately contacting the oil with a solvent comprising beta beta' dichlor diethyl ether and from 2–30% of propylene glycol, maintaining the temperature of the contacting operation above the solidifying point of said wax-containing lubricating oil, separating said solvent and undesirable oil constituents from the refined mineral lubricating oil and thereafter recovering said solvent from said refined mineral oil and said undesirable oil constituents.

2,129,283
MOUNTING APPARATUS
Johannes Uytenbogaart, Berlin-Lichterfelde, Germany, assignor to North American Rayon Corporation, New York, N. Y., a corporation of Delaware
Application January 7, 1937, Serial No. 119,532
5 Claims. (Cl. 279—1)



1. A device for mounting a mounting member within a hollow roller comprising a pair of spaced mounting devices having their shafts in aligned relationship, each of said mounting devices having a collar rotatable on said shafts and adapted to actuate said members to exert pressure upon an expansible gasket, said collars having surfaces with an annular row of inclined teeth extending about said shafts, a wheel for each mounting device having the collar carrying an annular row of inclined teeth adapted to cooperate with the teeth of said collars to rotate said collars with said wheels when the teeth are held together, resilient means for forcing said teeth toward each other, and means for moving said mounting member relative to each other longitudinally of the axes of the shafts.

2,129,284
ROLLER FEEDING DEVICE
Johannes Uytenbogaart, Berlin-Lichterfelde, Germany, assignor to North American Rayon Corporation, New York, N. Y., a corporation of Delaware
Application March 15, 1937, Serial No. 131,057
In Germany March 23, 1936
5 Claims. (Cl. 18—8)



4. A device for drawing threads comprising a roller, a driven shaft on which said roller is mounted for rotation therewith, a driving shaft for transmitting power to said driven shaft, a gear casing in which said driven shaft is mounted, said gear casing mounted to pivot about said drive shaft and means to move said gear casing about said driving shaft.

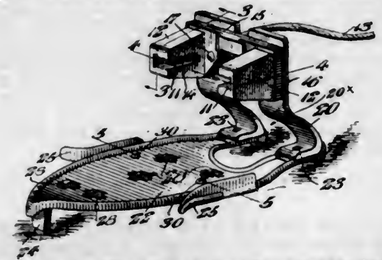
2,129,285
MANUFACTURE OF K-STROPHANTHINE-β
Jany Renz, Basel, Switzerland, assignor to the firm Chemical Works formerly Sandoz, Basel, Switzerland
No Drawing. Application May 11, 1937, Serial No. 142,054. In Switzerland April 21, 1937
3 Claims. (Cl. 260—236)

1. A process for the production of k-straphan thine-β, consisting in causing a enzyme preparation containing α-glucosidase to act upon glucosides from strophanthus kombé containing more than one molecule of glucose, and separating then the k-strophanthine-β by means of chloroform-alcohol.

2,129,286
ENERGIZED BASE FOR A CORDLESS ELECTRIC IRON
Robert Roller, Haddonfield, N. J.
Application September 13, 1935, Serial No. 40,374
2 Claims. (Cl. 219—25)

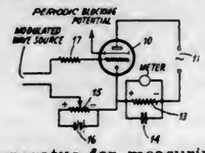
1. In combination, a base, a back support secured thereto, contact wings carried by said support and containing contact elements therein, there being slots in said wings affording access to said contact elements, and an adapter plug having a body portion constituting a socket for engaging the contact prongs of an electrical iron and having pins disposed within the vertical

planes of said body portion but extending at an angle to the longitudinal axis thereof adapted to



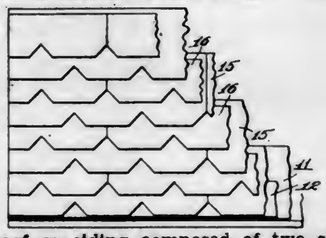
pass through the slots in said contact wings for wiping engagement with said contact elements.

2,129,287
ALTERNATING CURRENT MEASURING DEVICE
Rudolf Schienemann, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany, a corporation of Germany
Application December 2, 1936, Serial No. 113,941
In Germany November 30, 1935
10 Claims. (Cl. 179—171)



1. In an apparatus for measuring the amplitude of an alternating current wave, a vacuum tube including anode, cathode, and control electrodes, a source of alternating current potential of the same frequency as and of opposing phase to that to be measured for supplying operating voltages to the anode of said tube, means for impressing the alternating current wave to be measured onto the control electrode of the tube, adjustable biasing means adapted to bias the control electrode of said tube, an electrical storage element connected in the output circuit of said tube, means for periodically blocking said tube, and means for measuring the potentials developed across said storage element.

2,129,288
ROOF
Earl R. Shattuck, Southgate, Calif., assignor of one-half to W. L. Venton, Los Angeles, Calif.
Application December 7, 1936, Serial No. 114,596
2 Claims. (Cl. 108—7)

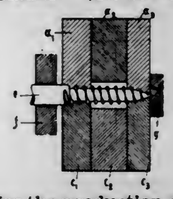


1. A roof or siding composed of two sets of separately formed alternately arranged strips of roofing material the strips of one set being substantially narrower than the strips of the other set, the narrower strips or shingles extending lengthwise of the wider strips or shingles on the upper portions of the upper surfaces thereof, with the lower edges of the narrow strips disposed a substantial distance above and parallel with the lower edges of the underlying wider strips or shingles to provide exposure, the upper edges of the narrower strips being disposed below and parallel with the upper edges of the underlying wider strips to provide a head-lap of sufficient width and the lower portions of the wider strips of material or shingles overlying and directly contacting the upper portions of the upper surfaces of the underlying narrow strips or shingles and those portions of the underlying wide strips that project above the upper edges of the narrow strips.

2,129,289
MANUFACTURE OF NEW FLUORINE COMPOUNDS
Julius Söll, Leverkusen-I. G. Werk, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application April 10, 1935, Serial No. 15,723. In Germany April 21, 1934
6 Claims. (Cl. 260—1)

1. Process of producing a fluorine containing derivative of a compound of the group consisting of rubber, synthetic rubber-like masses and substitutes for rubber which comprises contacting the compound with fluorine diluted by an indifferent gas.

2,129,290
METHOD AND APPARATUS FOR PRODUCING SCREW THREADS
Walter Trurnit, Waldshut, Germany, assignor to firm Friedr. Trurnit, Altena, Germany
Application September 19, 1936, Serial No. 101,645
8 Claims. (Cl. 10—10)



1. A method for the production of screw threads extending along a portion of the length of a screw shank, especially on the shanks of wood screws and other pointed screws, by a cold process in an automatic machine, consisting in moving a plurality of radial thread hammering jaws against a screw shank for hammering screw threads into the shank and effecting elongation of the shank in the direction of its longitudinal axis, beginning the hammering of the screw thread at the end of the shank opposite the head thereof and continuing along a portion of the shank towards the head end thereof, normally retaining one of said jaws from radial hammering activity and guiding said shank centrally of the hammering jaws by said restrained jaw and mutually rotating said jaws and shank to cause the shank to worm its way between the radial jaws and in threaded engagement with the restrained jaw.

2,129,291
COMBINED HALF HOSE AND GARTER
George S. Van Voorhis, Northampton, Mass., assignor to United Elastic Corporation, Easthampton, Mass., a corporation of Massachusetts
Application October 3, 1936, Serial No. 103,920
1 Claim. (Cl. 2—240)

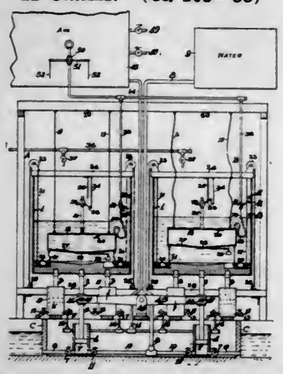
The combination with a half hose, of a garter

adapted to encircle the leg above the calf portion thereof and comprising a strip of elastic webbing containing rubber threads extending circumferentially of said garter, and a connecting member comprising a strip of fabric folded over both ends of said garter strip and stitched to and



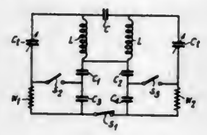
enclosing them, the lower ends of said connecting strip being located at opposite sides of a portion of the top of said hose and being stitched to a relatively short section only thereof, the garter being otherwise free from the hose and being spaced from it.

2,129,292
PUMPING SYSTEM
Elmer E. Vinson, San Francisco, Calif.
Application May 28, 1937, Serial No. 145,255
11 Claims. (Cl. 103—55)



1. A pumping system comprising a pair of reciprocating water containing tanks each carrying a plunger; water compression cylinders within which the plungers reciprocate, each having water intake means and water outlet means; a centrally pivoted walking beam connected at its ends to the plungers; a continuous outside source of compressed air produced independently of the machine, a hollow float in each tank having compressed air inlet and outlet means and also water inlet and outlet means; means associated with each float for supporting the weight thereof when it descends; means associated with each float for causing compressed air from said source to enter and expel water therefrom whereby the float may become buoyant and rise in the water of its associated tank, and the said tank's load may be increased by the water expelled from the said float; means associated with each float for causing air to be discharged from the float to allow water to enter and cause the float to submerge in the water of its associated tank whereby the means associated with the float for supporting it when it descends may then take up the weight of the float from the tank; and means synchronized with the tanks for causing compressed air to enter one of the floats and water to exhaust therefrom while compressed air is being exhausted from the other float and water is being admitted thereto, whereby the weight of the loads of the two tanks may be alternately shifted from one to the other to cause the said tanks to alternately rise and fall and to thereby cause the operation of the plungers in their water compression cylinders.

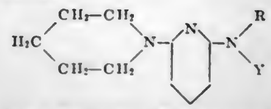
2,129,293
BAND-PASS FILTER FOR CHANGE OF WAVE
Rudolf Weber, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application March 25, 1937, Serial No. 132,901
In Germany March 12, 1936
3 Claims. (Cl. 178—44)



3. A band-pass filter network comprising a pair of tunable circuits, each including an inductance and a variable condenser, a series coupling condenser connected between the high potential ends of said inductances, a conductive connection between the low potential ends of said inductances, a plurality of fixed condensers common to said pair of tunable circuits and serving as a parallel coupling capacity, said series coupling condenser and said parallel coupling capacity being of such magnitudes that the circuits are closely coupled to pass a wide frequency band, and means for converting said network to one capable of passing a narrow frequency band comprising a first switching mechanism for causing the plurality of fixed condensers to become ineffective as a parallel coupling capacity and a second switching mechanism individual to each tunable circuit for short circuiting certain of the fixed condensers and switching into said tunable circuits others of said fixed condensers.

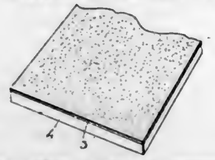
2,129,294
2-AMINO-6-PIPERIDYL-PYRIDINES
Johan Pieter Wibaut, Amsterdam, and Herman Johannes den Hertog, Jr., Deventer, Netherlands, assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application November 5, 1936, Serial No. 109,348
3 Claims. (Cl. 260—293)

1. A 2-amino-6-piperidyl-pyridine having the general formula:



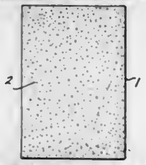
wherein R is a substituent of the group consisting of hydrogen and alkyl radicals and Y is a substituent of the group consisting of hydrogen and alkyl and acyl radicals and wherein the pyridine nucleus contains no substituent other than the 2- and 6-substituents just shown.

2,129,295
SCREEN FOR X-RAY PHOTOGRAPHS
Karl Würstlin, Berlin-Baumschulenweg, and Karl Grabbe, Berlin-Niederschoneweide, Germany, assignors to Kali-Chemie Aktiengesellschaft, Berlin, Germany
Application August 29, 1935, Serial No. 38,352
In Germany May 2, 1935
4 Claims. (Cl. 250—34)



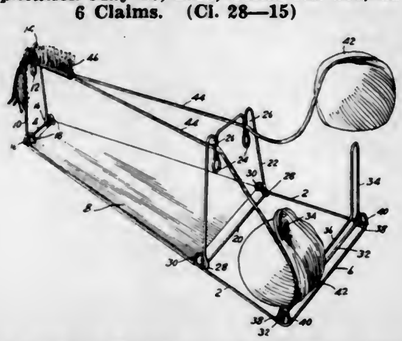
1. An intensifying screen comprising a supporting layer adapted to absorb reflected light and a layer of fluorescent material the grain size of which is 3 to 5 μ united to said supporting layer.

2,129,296
SCREEN FOR X-RAY PHOTOGRAPHY
Karl Würstlin, Berlin, Germany, assignor to Kali-Chemie Aktiengesellschaft, Berlin, Germany
Application May 7, 1936, Serial No. 78,397
In Germany May 10, 1935
4 Claims. (Cl. 250—34)



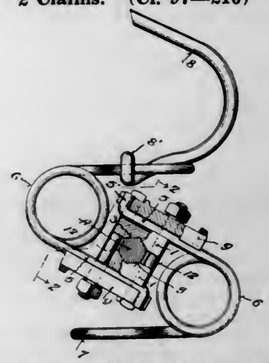
1. A screen for Röntgen ray exposures in which the active layer contains 50% calcium tungstate having a size of grain of from 4 to 5μ and 50% calcium tungstate consisting of grains of about and not exceeding 1μ in size.

2,129,297
HAND WEAVING FRAME
Hyman M. Zippel, Philadelphia, Pa.
Application May 16, 1938, Serial No. 208,144
6 Claims. (Cl. 28—15)



1. A weaving frame comprising a base structure, a strand holding means on said base structure, a second strand holding means on said base structure spaced from the first holding means, both of said holding means being pivoted to said base structure, and means limiting pivoting of said holding means towards each other, both holding means being pivotable in a direction away from each other into flatwise relationship with the base structure.

2,129,298
ROTARY PULVERIZER
Mando Ariens, Brillion, Wis., assignor to Ariens Company, Brillion, Wis.
Application February 20, 1937, Serial No. 126,846
2 Claims. (Cl. 97—216)



1. A clamping unit for a rotary pulverizer comprising a polygonal shaft, a pair of flat gripping blocks having polygonal channels for engagement with the companion shaft surfaces and alined bolt openings, each block being provided with tine-receiving grooves upon its outer surface at a right angle to its shaft-receiving channel, a companion pair of tine shanks fitted to the block grooves terminating in outwardly turned spurs, a pair of clamping plates having grooves fitted to the tine shanks, the clamping plates being provided with bolt openings in alinement with the bolt openings of said blocks, said clamping plates having end edges in abutting engagement with the tine spurs, whereby the tines are held against displacement in one direction, and companion pairs of bolts extending through the openings of the blocks and clamping plates whereby the entire assemblage is snugly secured to confine the aforesaid blocks, clamping plates, and tine shanks to the shaft.

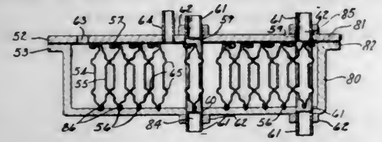
2,129,299
RECOVERY OF SOLVENTS FROM GASES
Francis R. Bichowsky, Toledo, Ohio, assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application March 30, 1935, Serial No. 13,967
2 Claims. (Cl. 252—4)

2. In a method of recovering a volatile solvent from a mixture of carrier gas and vapor of the solvent, the steps which consist in bringing the mixture into contact with a concentrated aqueous solution of lithium chloride, whereby the solution absorbs the vapor of the solvent, treating the solution containing the absorbed solvent vapor to drive off said solvent vapor, and condensing the solvent vapor thus driven off.

2,129,300
SPIRAL HEAT INTERCHANGER
Francis R. Bichowsky, Ottawa Hills, Toledo, Ohio, assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
Application April 10, 1936, Serial No. 73,794
7 Claims. (Cl. 257—245)

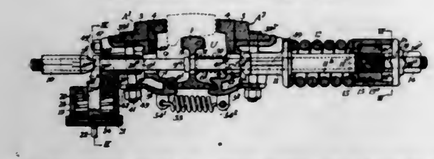
2. In a heat interchanger, the combination of a sealed housing; a separate spiral conduit of oblong cross-section in the housing, said conduit being provided with longitudinally and outwardly extending beads in engagement with each other

thereby reinforcing the conduit, spacing the convolutions of the conduit to define a spiral path



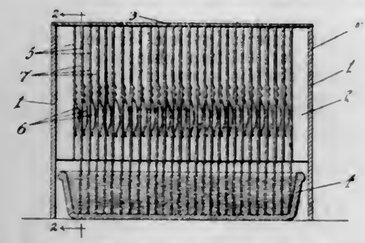
in the housing, and partitioning said path into adjoining passages.

2,129,301
RAILWAY BRAKING APPARATUS
Herbert L. Bone, Forest Hills, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Original application June 1, 1936, Serial No. 82,771. Divided and this application April 13, 1937, Serial No. 136,626
20 Claims. (Cl. 188—62)



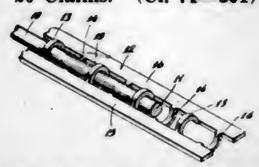
1. Railway braking apparatus comprising two levers pivotally supported at their lower ends on the base flanges of a railway track rail on opposite sides of the rail for swinging movement toward and away from the rail, brake shoes secured to the upper ends of said levers, spring means for at times biasing the levers to positions in which said brake shoes will frictionally engage the wheels of a car traversing said rail, and cam means for rendering said spring means effective or ineffective to bias the levers to the positions in which the brake shoes frictionally engage the wheels of a car traversing said rail.

2,129,302
MEANS FOR SENSITIZING AND PROCESSING CARDS
Ira B. Current, Binghamton, N. Y., assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
Application August 22, 1936, Serial No. 97,430
3 Claims. (Cl. 95—100)



1. A holder for cards to be partially sensitized and treated with photographic baths comprising a frame having closed top, sides and ends and an open bottom, spaced partitions in said frame, and means for holding cards against said partitions with one end of said cards projecting beyond said partitions and toward said open bottom for immersion in a receptacle.

2,129,303
MECHANICAL FORCE TRANSMISSION APPARATUS
Harry A. Douglas, Bronson, Mich.
Application December 10, 1936, Serial No. 115,241
20 Claims. (Cl. 74—501)



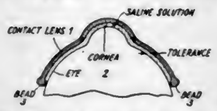
1. A force transmitting mechanism, comprising: elongated transmitting means; longitudinally spaced sections extending transversely of said transmitting means and overlying different sides of the same, and longitudinally extending means having portions connecting said spaced sections and to which said sections are rigidly connected, said longitudinally extending means cooperating with said transverse sections to retain said transmitting means against lateral escape, each connecting portion of said longitudinally extending means being confined to a side surface of said transmitting means.

2,129,304
CONTACT LENS
William Feinbloom, New York, N. Y.
Application April 6, 1936, Serial No. 72,970
4 Claims. (Cl. 88—54)



1. The method of manufacturing a contact lens which includes the steps of placing a sterilized, non-irritating plastic which is soft at 102° Fahrenheit on the eyeball at a temperature not appreciably greater than 102° Fahrenheit so as to cover the cornea and the white of the eye for a portion under the eyelids, permitting said plastic to harden and removing same when hardened, obtaining a positive from said hardened plastic, and making from said positive a rim of a synthetic resin for said contact lens, whereby said rim conforms with the shape of the white of said eyeball.

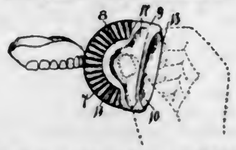
2,129,305
CONTACT LENS
William Feinbloom, New York, N. Y.
Application August 21, 1936, Serial No. 97,092
2 Claims. (Cl. 88—54)



1. A process of producing a contact lens which includes the steps of obtaining an impression of the eye, forming a mold from said impression, providing an indentation in said mold for the purpose of forming a bead on the inner surface of the scleral portion of the lens, depositing a suitable layer of wax and an overall metallic layer on said mold, investing said covered mold in a flask, effecting evacuation of the wax to produce a metal walled negative whose internal dimensions generally conform with the outer surface of the scleral portion of said lens, filling the metal walled negative with suitable material to form the scleral portion of said lens, forming from the original mold a metallic lined model whose external dimensions generally conform to the dimensional requirements of the inner surface of said lens, and hardening said suitable material to conform with the internal dimensions of said negative and the external dimensions of said metallic lined original mold, to form the lens.

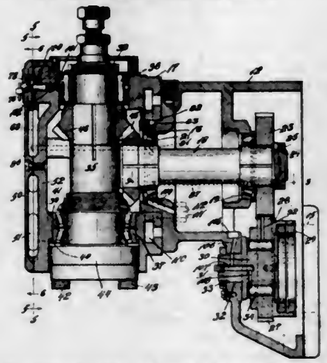
2. A contact lens comprising a glass corneal lens portion and a scleral rim portion of moldable synthetic resin shaped to rest on the sclera of an eye to hold the corneal lens portion in position before the cornea, said scleral rim portion having its contacting surface formed with projections and depressions so that only the projections contact the sclera and the area of contact is thus reduced.

2,129,306
DENTURE BRUSH
Glenn T. Mitton, Toronto, Ontario, Canada
Application January 3, 1938, Serial No. 182,995
1 Claim. (Cl. 15—167)



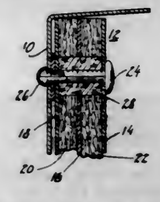
A denture brush composed of a handle formed of a flattened unitary head and base providing opposite sides and a flat bottom, said head being semi-circular in shape to provide a semi-circular bristle carrying surface, said base intercepting the curvature of the head in lengthwise direction with its ends projecting outwardly of the ends of the curvature, each flattened side of the head having a central thumb recess merged into a finger groove formed in the same side of the base lengthwise thereof, and bristles radially projecting from said semi-circular surface, said bristles being of such length as to produce a concentrically curved working surface.

2,129,307
LUBRICATION OF SWIVEL HEADS
Gothard Theodore Moo, Auburn, R. I., assignor to Brown & Sharpe Manufacturing Company, a corporation of Rhode Island
Application April 5, 1935, Serial No. 14,780
21 Claims. (Cl. 184—6)



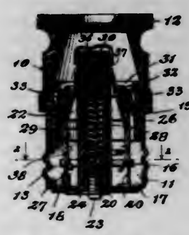
1. In a mechanism of the character described, two swivelly related members, driving means for a work implement, bearings for said means in said members, said driving means being operable regardless of the relative rotative position of said members, means carried by one of said swivel members and providing a single lubricant supply source for supplying lubricant to said bearings regardless of the relative rotative position of said members, and means within one of said members connected to the supply means and actuated by gravity when said swivel member is adjusted in a position affording such action to force lubricant from said supply source under pressure to said bearings.

2,129,308
LAMINATED PANEL
Meredith S. Randall, Detroit, Mich., assignor to Woodall Industries Incorporated, Detroit, Mich., a corporation of Michigan
Application October 14, 1935, Serial No. 44,919
2 Claims. (Cl. 154—44)



1. In combination with a support having a fastener receiving aperture, a laminated panel comprising a loosely integrated compressible insulation lamination arranged between two outer protective laminations, and having a resilient spacer element disposed between the two outer laminations and within the thickness of the interior lamination, and having a thickness less than the uncompressed thickness of the interior lamination, a spring fastener having a shank of a length less than the uncompressed thickness of the interior lamination and extending through said several laminations in the panel and having a head portion at each end, one of said head portions being compressible and expansible holding said two outer laminations against said spacer element and holding the interior lamination under compression, said fastener shank having a length greater than the combined thickness of the support and the permitted compressed thickness of the spacer element permitting the extension of the fastener shank through the support upon compression of the spacer element.

2,129,309
EJECTOR FUSE PLUG
Marvin Stewart, Ashland, Ky.
Application March 3, 1937, Serial No. 128,846
2 Claims. (Cl. 200—117)



2. In a fuse plug, a base member including a metallic screw-threaded shell, an inturned flange

on one end of the shell, an insulator washer abutting the flange, said washer having an opening centrally thereof, a collar in the open end of the shell, the collar having a downwardly projected plug member for seating engagement in the opening of the washer, a contact strip fixed to the outer face of the washer, said contact strip being bent and disposed inwardly of the shell and extending parallel to the plug member, a second contact strip within the shell one end thereof being connected to the shell and extending in a plane parallel to the plug, a cap member for the collar, said cap having a bridge, spring means interposed between the plug member and the bridge, a fuse element mounted on the bridge, the fuse element including a pair of leg portions, said leg portions being disposed through respective aligned apertures of the collar and cap, and having frictional binding engagement upon the edges of the openings and in electrical contact with respective contact strips, and a closure cap on the collar for housing the fuse element.

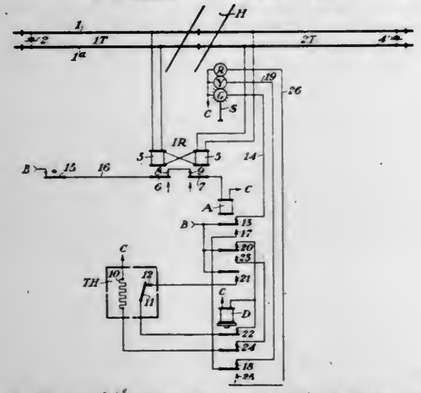
2,129,310

APPARATUS FOR THE CONTROL OF HIGHWAY CROSSING SIGNALS

Paul P. Stoker, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application September 14, 1935, Serial No. 40,596

5 Claims. (Cl. 246—130)



1. In combination, a stretch of railway track intersected by a highway, a highway signal consisting of a green lamp and a yellow lamp as well as a red lamp located adjacent the intersection, a track section on at least one side of the highway, a track circuit including a track relay for the section, a normally inactive time measuring device including a normally closed contact adapted to be opened a predetermined time interval subsequent to the device set into operation, a stick relay provided with a pickup circuit including a contact closed when the track relay is energized and a stick circuit including the contact of said timing device, means including a front contact of the track relay and the green lamp to display a clear indication for the highway, means controlled by the track relay when deenergized to set the timing device into operation, means including a front contact of the stick relay and said yellow lamp as well as a contact closed when the track relay is deenergized to display a warning indication for the highway, and means including a back contact of said stick relay and the red lamp to display a stop indication for the highway.

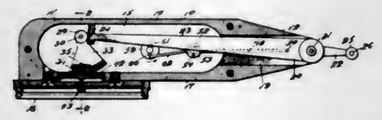
2,129,311

DIAL TEST INDICATOR

Chauncey C. Street, Providence, R. I., assignor to Federal Products Corporation, a corporation of Rhode Island

Application April 14, 1936, Serial No. 74,344

11 Claims. (Cl. 33—172)



1. A test indicator comprising a body member provided with a recess, a dial gauge mounted on said body member having an operating spindle projecting into said recess, an oscillatable motion transmitting lever mounted in said body member and having a pair of arms of unequal length, the shorter of which projects outwardly beyond the end of said body member to form a work-engaging arm while the long arm is arranged within said recess and connected in driving engagement with said spindle for turning the same, and a reversing spring having a longitudinally extending arm portion one end of which is loosely connected to said lever to apply force thereto for urging said lever in a direction opposite from that taken during its indicating swinging movement, a fulcrum member loosely carrying an intermediate portion of said spring arm, the other end of said spring arm being arranged for flexing in two oppositely selected positions to apply its force to said lever, and means swivelly mounted in said body member to adjust said spring to one or the other of said selected positions to flex said spring about said fulcrum and against the indicating movement of said lever to return the latter to its initial starting position.

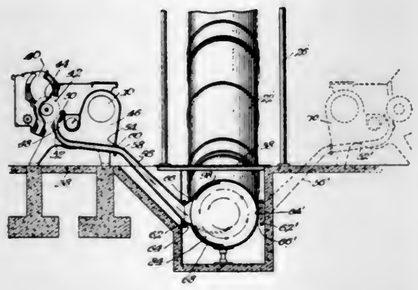
2,129,312

GIN SYSTEM

John A. Streun, Sherman, Tex., assignor to Hardwicke-Etter Company, Sherman, Tex., a corporation of Texas

Application December 22, 1936, Serial No. 117,208

15 Claims. (Cl. 19—59)



1. In apparatus of the character described, a lint flue having an opening in a wall thereof, means providing a current of air in one direction through said lint flue, a lint conveying connecting flue joining with said lint flue at said opening, and a deflector within said lint flue on each side of the opening movable into the path of the lint entering from said connecting flue.

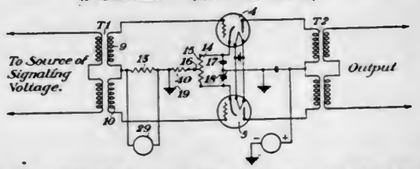
2,129,313

APPARATUS FOR ELECTRIC SIGNALING SYSTEMS

Leland D. Whitelock, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application July 1, 1935, Serial No. 29,338

2 Claims. (Cl. 179—171)



1. In combination; two electron tubes each having a plate, a grid, and a cathode; an input transformer the two outside secondary winding terminals of which are connected one to the grid of one tube and the other to the grid of the other tube and its central terminal connected to a common ground electrode, an output transformer the two outside primary winding terminals of which are connected one to the plate of one tube and the other to the plate of the other tube, a source of plate voltage connected between a central terminal of said primary winding and said ground electrode, a first resistor having a slidable contact as well as two outside terminals which are connected one to the cathode of one tube and the other to the cathode of the other tube for effectively balancing the internal tube resistances by virtue of the position of said contact, two condensers serially connected between the cathodes of said tubes and having their mid terminal connected to said ground electrode and at least one of which is adjustable for effectively balancing the inter-electrode tube capacities, and a second resistor connected between said contact and ground electrode for effectively biasing the grids of said tubes with respect to the cathodes.

2,129,314

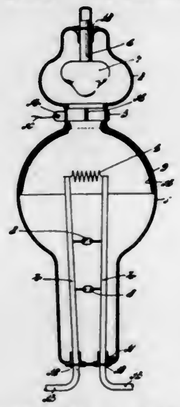
DISCHARGE TUBE

Huibert Gerard Boumeester, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands

Application December 28, 1936, Serial No. 117,965

In Germany December 30, 1935

5 Claims. (Cl. 250—27.5)



2. A discharge tube comprising an envelope having a vitreous anode portion, a bell-shaped cathode portion, and an annular metal portion hermetically sealed between said vitreous portions and serving as an electrode, an anode disposed within said anode portion and a cathode disposed within said cathode portion to form a discharge path, and a conductive layer upon a portion of the inner surface of said cathode portion and extending over part of the inner surface of said metal portion, said coating forming a bell-shaped screen surrounding said cathode and the portion of the discharge path between said cathode and metal portion.

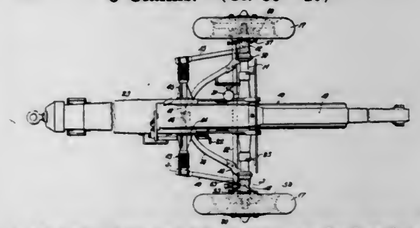
2,129,315

GUN CARRIAGE

Adolph P. Buquor, York, Pa., assignor, by mesne assignments, to Martin-Parry Corporation, York, Pa., a corporation of Delaware

Original application December 17, 1932, Serial No. 647,822. Divided and this application February 24, 1934, Serial No. 712,818. Renewed July 11, 1936

5 Claims. (Cl. 89—40)



1. A gun carriage having a cranked axle and a pair of resilient tired supporting wheels, a shaft extending between the cranks of said axle and carried thereby, a braking mechanism for each of said wheels carried by the cranked portions of said axle, and means mounted on said shaft for independently or simultaneously operating said braking mechanisms, said means including a pair of hand levers adjacent one of said cranked portions of said axle and a second shaft connected to one of said hand levers and extending to the other cranked portion of said axle and means operatively connecting said latter shaft to one of said braking mechanism and means connecting the remaining hand lever to the other braking mechanism.

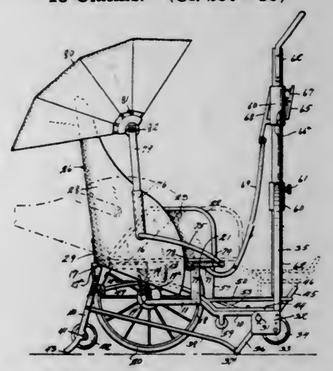
2,129,316

GO-CART FOR BABIES

Olive B. Cramer, Sterling, Colo., and Henry L. Blystone, Pasadena, Calif.

Application September 26, 1936, Serial No. 102,758

13 Claims. (Cl. 280—36)



1. A go-cart, including a chassis, main wheels carried by the chassis and normally supporting

the go-cart, ground engaging members carried by the chassis forward and rearward of the main wheels, a draft tongue connected to the chassis for vertical swinging movement, and means connected to and operated by the tongue for depressing both of the ground engaging supports to a position below the wheels and thereby elevating the wheels above the ground upon a movement of the tongue to an approximately vertical position and raising said ground engaging members to a position above the wheels when the tongue is swung to a pulling position.

2,129,317

PROCESS FOR THE MANUFACTURE OF LAEVOASCORBIC ACID

Franz Elger, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey

No Drawing. Application June 6, 1936, Serial No. 84,010. In Switzerland June 18, 1935

5 Claims. (Cl. 260—123)

2. The process for the manufacture of laevoascorbic acid which consists in heating such derivatives of 2-keto-laevo-gulonic acid as are readily hydrolyzable by acids with acids in a substantially anhydrous alcohol solution.

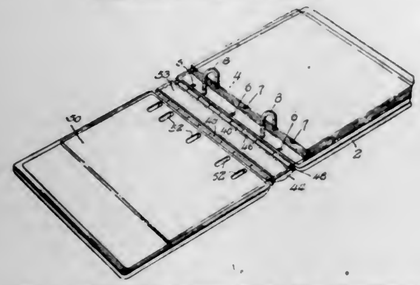
2,129,318

LOOSE LEAF BINDER

George Summer Emery, Tulsa, Okla.

Application August 20, 1935, Serial No. 37,071

3 Claims. (Cl. 129—10)



1. In a loose leaf binder of the double-post type, in combination, a base, posts normally permanently secured to the base, the upper end of one of said posts being threaded, an arched member, one leg of which is provided with a reduced portion, and a collar swiveled on said reduced portion, said swivel connection comprising interengaging shouldered elements carried by the arched member and said collar, said swivel connection permitting rotary movement of the collar with respect to the arched member but preventing longitudinal movement of the collar with respect to said arched member, said collar terminating at its lower end in a threaded member adapted to engage with said threaded upper part of one of said posts, the other leg of said arched member being provided with means for engagement with the upper part of the other post.

2,129,319

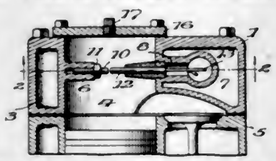
CYLINDER HEAD FOR INTERNAL COMBUSTION ENGINES

Chester Arthur Gants and Daniel Arthur Gants, Abilene, Kans.

Application February 18, 1938, Serial No. 191,322

3 Claims. (Cl. 123—173)

3. In an internal combustion engine, a cylinder head therefor, said head comprising a unit having vertical passages extending therethrough, cooling medium conduits extending around the passages and sides of the said head, a longitudinal tube formed in one side of said head and lying within one of said cooling medium conduits, a plurality of spaced apart offset passages communicating with said tube and extending into the vertical passages, electrodes mounted



in insulators secured in each of said offset passages, electrical conductors connected to each electrode, the conduits extending into and through the offset passages and longitudinal tube and complementary electrodes secured in spaced relation to the insulated electrodes, said complementary electrodes being secured to and electrically grounded to the opposite walls of the vertical chambers.

2,129,320

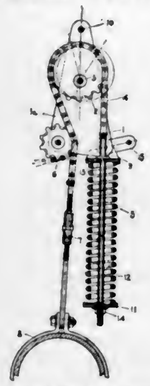
PIPE SUPPORT

Alexander James Ernest Geairns, Wolverhampton, England

Application September 18, 1937, Serial No. 164,592

In Great Britain October 2, 1936

4 Claims. (Cl. 248—54)



1. A device for flexibly supporting a pipe line, comprising a pivotally mounted member forming a lever pivoted intermediate its ends, a flexible member passing therefrom on each side of the pivot axis and adapted to be respectively wound on and off each side of the pivotally mounted member when it is rotated, a spring device adapted to exert a pull on the flexible member on one side of the pivotally mounted member and adapted to balance the pull of a pipe line support on the flexible member passing from the other side of the pivotally mounted member, the shape of the pivotally mounted member on which the flexible member is supported being such that the leverage of the pull of the flexible member connected to the pipe line support about the turning axis of the pivotally mounted member increases as the force of the spring increases, whilst the leverage of the force of the spring about the turning axis of the pivotally mounted member decreases with the increase of the force of the spring.

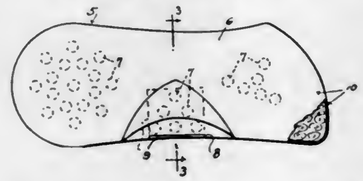
2,129,321

ARCH SUPPORT

Norba W. Guerin, Connersville, Ind.

Application October 11, 1937, Serial No. 168,453

3 Claims. (Cl. 36—71)



1. In an arch support of the character set forth the combination of, a cushion body portion having a slot therein, coil springs embedded in the body portion over the slot therein and at certain points thereof, a wedge inserted in the slot, and cover sheets on opposite surfaces of the body portion.

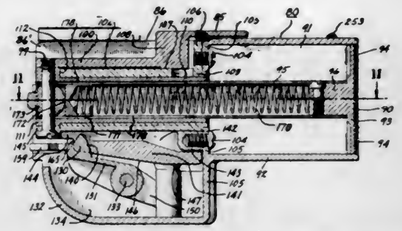
2,129,322

ARTICLE-DISPENSING MECHANISM

Alfred Hakanson, North Arlington, N. J., assignor to Peerless Weighing and Vending Machine Corporation, Long Island City, N. Y., a corporation of Delaware

Application July 7, 1937, Serial No. 152,347

7 Claims. (Cl. 312—68)



1. In an article dispensing mechanism operated through coin-controlled means, in combination, a magazine adapted to contain articles to be dispensed, an ejector and supporting means along which it is movable to eject an article from the magazine, means normally holding said ejector in retracted position, means actuated by the coin-controlled means for causing the holding means to release the ejector, a customer-operated actuator for the ejector, and a mechanical connection between the actuator and ejector for causing them to move together when the ejector is free to move, said connections including a yieldable device for permitting independent movement of the actuator when the ejector is held against movement.

2,129,323

PROCESS FOR PREPARING CAMPHENE

Clyde O. Henke, Wilmington, Del., and Gastao Etzel, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application November 2, 1937, Serial No. 172,488

5 Claims. (Cl. 260—666)

1. The process of isomerizing a terpene which comprises heating a terpene in the presence of vermiculite until isomerization is at least partially complete.

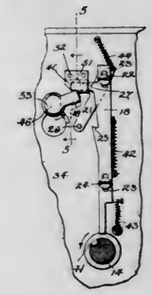
2,129,324

LOCK

Henry Van Cott Holland, Westfield, N. J., assignor to The International Postal Supply Company, Brooklyn, N. Y., a corporation of New York

Application December 19, 1935, Serial No. 55,254

2 Claims. (Cl. 70—186)



1. A lock comprising a pair of reciprocable members each having a notch thereon, means normally urging said members to locking position, a pivoted lever engageable with said notches when said members are in locking position, said members and said lever having projections extending angularly therefrom, and a plurality of spaced parallel plates between which said projections are disposed, the projection on said lever being engageable by a key to rock the pivoted member from engagement with said notches, the projections on said members being thereafter engaged by continued movement of the key to reciprocate said members.

2,129,325

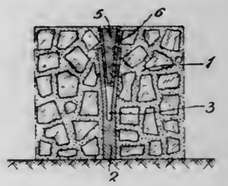
METHOD FOR PRODUCING DILATION SLOTS IN CONCRETE ROAD SURFACES

Alfred Holter, Oslo, Norway

Application June 2, 1936, Serial No. 83,153

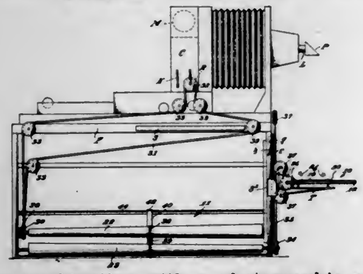
In Norway June 29, 1935

3 Claims. (Cl. 94—51)



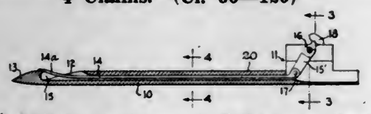
1. A method of providing expansion joints in concrete road surfaces, which method comprises forming grooves in the unfinished and unhardened concrete, placing in said grooves means of a height less than the thickness of the finished concrete layer and having an upwardly directed longitudinal slot, placing a wedge-shaped bar with its edge in said upwardly directed slot and with its base substantially flush with the surface of the unfinished concrete, compressing said concrete by rolling and simultaneously pressing the wedge-shaped bar further into said slot so that its surface remains substantially flush with the concrete after the latter has been rolled, removing said bar, and finally, after the concrete has hardened, filling with plastic water-tight material the space previously occupied by said bar.

2,129,326
PHOTOGRAPHIC APPARATUS
John J. Johnson, Dallas, Tex.
Application June 26, 1937, Serial No. 150,615
2 Claims. (Cl. 88—24)



1. In combination with a photographic apparatus comprising a supporting frame, a camera having a sensitized paper winding roll, and a copy supporting table adjustably mounted relative to the camera for providing different scale reproductions of the copy, an attachment comprising a conveyor mounted on the table for continuously moving a copy strip through the focal range of the camera, a first and second pulley rotatably supported adjacent the bottom of the frame, the paper winding roll and conveyor each provided with an actuating pulley, a drive belt interconnecting the first rotatably supported pulley and the paper winding roll pulley, power means imparting continuous rotation to the first pulley at uniform speed, a drive belt interconnecting the second rotatably supported pulley and the conveyor pulley, a variable drive connection between the first and second rotatably supported pulleys, said variable drive connection comprising a pair of frusto-conical rollers whose axes are parallel and having their respective smaller ends adjacent opposite ends of the frame, the first rotatably mounted pulley being secured to one of the rollers adjacent its smaller end, the second rotatably supported pulley being secured to the other roller adjacent its smaller end, and a drive belt operatively engaged with the rollers and adjustable axially thereof.

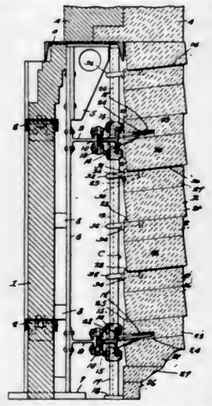
2,129,327
KNITTING MACHINE NEEDLE
Niilo Kataja, Mount Vernon, N. Y.
Application July 13, 1937, Serial No. 153,393
4 Claims. (Cl. 66—120)



1. A knitting instrument of the type described comprising a sheath, an open throat near one end of said sheath and a hook element disposed adjacent to said throat, a guard member movably positioned within said sheath and adapted to enter into cooperative relationship with said hook element, and means for imparting movement to said guard member relative to said sheath comprising a lever arm pivoted upon a mounting integral with said sheath, said arm being pivotally connected to said guard member.

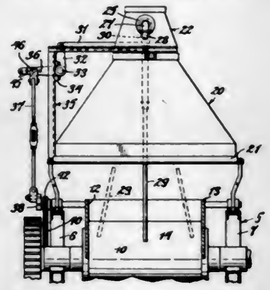
2,129,328
FURNACE WALL CONSTRUCTION
Samuel Herbert Lanyon, Oakland, Calif.
Application January 10, 1935, Serial No. 1,206
13 Claims. (Cl. 72—101)

1. A furnace wall construction including refractory lining, retainer columns constituting the sole supports and anchors for said lining, shelf beams connecting the columns, an outer structure, connections between the outer structure and the shelf beams, said connections being pro-



portioned to flex upwardly or downwardly when subjected to forces resulting from differential expansion in vertical planes between the outer structure and the columns, and shelves projecting from the beams for supporting shelf tile.

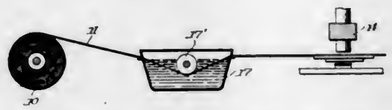
2,129,329
LIQUOR FEED FOR DRUM DRIERS
Charles O. Lavett, Buffalo, N. Y., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y., a corporation of New York
Application January 8, 1937, Serial No. 119,661
15 Claims. (Cl. 159—11)



1. A double drum drier comprising a pair of heated drums in close relation to one another, end boards at the ends of said drums to maintain a pool of feed liquor in the valley between said drums, means for rotating said drums in opposite directions whereby a continuous layer of the feed liquor is applied to both of said drums for substantially the full length thereof and means for maintaining said pool in said valley, comprising a liquor feed mechanism having a discharge orifice means for continuously discharging the liquid through said orifice, said orifice being arranged to deposit the liquor into the pool between the drums and means for reciprocating said feed mechanism lengthwise of said drums to distribute the feed liquor lengthwise of said pool.

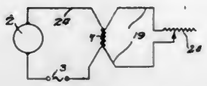
11. A liquor feed for a drum drier, comprising a liquor feed mechansm having a discharge orifice arranged to deposit the liquor on the drum, means for reciprocating said feed mechanism lengthwise of said drum to distribute the feed liquor therealong, and means carried by said reciprocating means for agitating the liquor deposited on said drum.

2,129,330
METHOD OF MAKING SPOT CAPS
Antoine Leenaards, Antwerp, Belgium, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York
Application June 20, 1934, Serial No. 731,563
13 Claims. (Cl. 113—80)



1. The method of center spotting caps comprising a metal shell, a cushion liner, and a spot facing which comprises continuously treating strip spotting material having a facing layer of metal foil and a layer of normally non-tacky, thermoplastic adhesive with a heated liquid to render the adhesive tacky and the strip lubricating to a punch, punching spots successively from said strip, and positioning each spot in a shell and in adhesive union with a cushion liner therein.

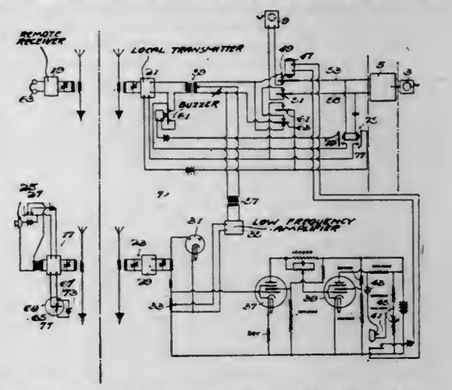
2,129,331
ELECTRICAL CONTROLLING APPARATUS AND METHOD
Edgar Earle Littlefield, Los Angeles, Calif.
Application May 23, 1928, Serial No. 280,025
10 Claims. (Cl. 172—239)



1. An electric motor starting system adapted to control the starting of an electric motor by means of induced current, including a transformer normally connected in closed circuit relation with the current supply mains; an electric motor on the primary side of said transformer connected in series with the primary winding of said transformer, the primary winding of the transformer being so proportioned with respect to said motor that when the secondary winding of the transformer is open circuited the counter electromotive-force set up in said primary winding will prevent the passage of sufficient current to said motor to operate the same; an electric circuit formed partly by said secondary winding and having a controlling switch therein located at a distant point, the motor being controlled by said circuit.

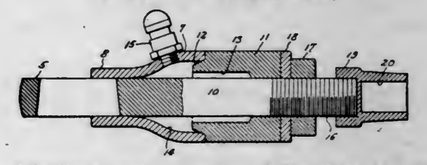
2,129,332
TELEPHONE SYSTEM
Domenico Mastini, Rome, Italy
Application April 8, 1935, Serial No. 15,342
In Italy March 20, 1935
11 Claims. (Cl. 250—6)

1. In combination, a remote radio transmitter, a local telephone sub-station, a central station, wire lines normally interposed between said local sub-station and said central station, local radio receiving apparatus and means whereby radio signals received by said local receiving apparatus from said remote radio transmitter cause the disconnection of the local sub-station from the



wire lines and the connection of the radio receiving apparatus thereto instead.

2,129,333
BATTERY-POST CONNECTER
Thomas J. Mayes, Ironton, Mo.
Application May 29, 1937, Serial No. 145,601
1 Claim. (Cl. 173—259)



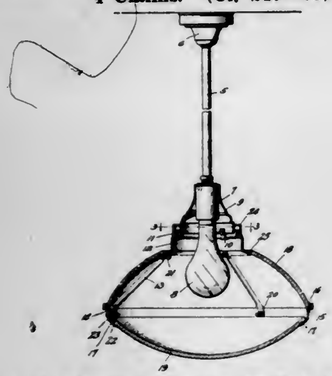
A battery post connecter of the class described comprising a cable attaching and post embracing unit, said unit having loop portion at one end to encircle the battery post, a shank of general rectangular cross sectional form integrated with said loop and extending from one side thereof, said shank including a cylindrical screw-threaded portion having cable attaching means, a separate clamping jaw unit, the latter unit being cylindrical at one end and of rectangular tubular form at the opposite end, the last named end slidably embracing said rectangular shank portion and coordinating with the loop slidably to permit it to clamp against said post, the complemental portions of said hollow jaw unit surrounding the shank in spaced relation to provide a grease accommodation and retaining chamber, an adjusting and binding nut on the threaded portion of said shank, and a non-metallic spacer member interposed between the nut and said slidable jaw unit, said spacer surrounding the shank in grease-tight contact at one end, the opposite end portion surrounding the shank in spaced relation to communicate with said grease chamber, the last named end portion of the spacer having a reduced extremity fitting in telescopic connection with the adjacent end portion of said jaw unit to provide a substantially grease-tight joint between the spacer member and said jaw unit.

2,129,334
PLANT FOOD
Charles Northen, Orlando, Fla.
No Drawing. Application January 4, 1937.
Serial No. 119,021
2 Claims. (Cl. 71—2)

1. A composition of matter for stimulating plant growth comprising a carbonaceous substance chosen from the group consisting of humus,

muck and peat and a natural colloidal phosphate fertilizer and added compounds of calcium, magnesium, copper, zinc, iodine, boron and manganese, said natural colloidal phosphate fertilizer and added compounds filling the cells of the humus, muck or peat and being intimately blended therewith forming a fine uniform mass, said natural colloidal phosphate fertilizer on analysis showing as its principal constituents approximately 26% phosphoric acid and 31% calcium oxide, said added compounds being in the following approximate ratios to said phosphate fertilizer: phosphate fertilizer 100 parts to between 2.0 and 30.0 parts of the calcium compound, to between 2.0 and 30.0 parts of the magnesium compound, to between .5 and 5.0 parts of the copper compound, to between .5 and 5.0 parts of the zinc compound, to between .05 and 1.0 part of the iodine compound, to between .05 and 1.0 part of the boron compound, to between .5 and 3.0 parts of the manganese compound; and said humus, muck or peat being in the approximate ratio of 3 parts to 1 part of said combined phosphate fertilizer and added compounds.

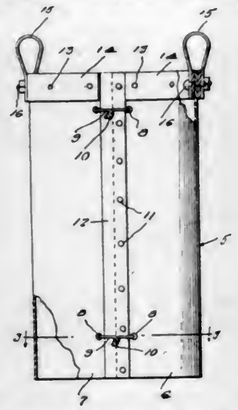
2,129,335
ELECTRIC LIGHT FIXTURE
Clyde Poling, Fairmont, W. Va., assignor to West Virginia Lighting Co., Inc., Fairmont, W. Va., a corporation of West Virginia
Application April 16, 1937, Serial No. 137,330
4 Claims. (Cl. 240—78)



1. A lighting fixture including a supporting frame having upper and lower rings, one of which is provided with circumferentially stepped portions defining a horizontal seat and an inclined seat connected by an intermediate flat vertical portion, inclined braces connecting said rings and having their lower ends bearing against said intermediate flat portion, a lower bowl resting on the inclined seat, an upper bowl resting on the horizontal seat, and fastening devices extending through the stepped ring and the adjacent braces and bearing against the peripheral edge of the lower bowl for preventing accidental displacement thereof.

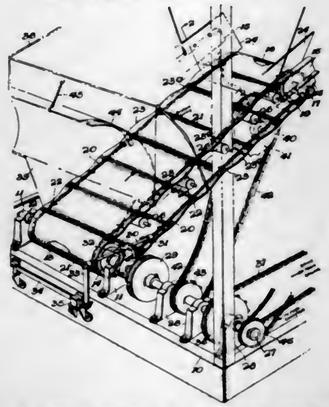
2,129,336
CAISSON
William Fred Schmidt and Thomas Joseph Bresina, Chippewa Falls, Wis.
Application November 12, 1937, Serial No. 174,256
1 Claim. (Cl. 61—41)

In a device of the character described, a caisson comprising substantially cylindrical complemental sections having apertures therein, lengths of wire engaged in the apertures to hold the sections together, pairs of inner and outer reenforcing straps secured to the upper end portions of said sections, pairs of guide forming plates se-



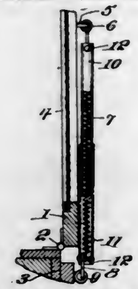
cured to the vertical marginal portions of one of said sections for slidably receiving the corresponding portions of the other sections therebetween, and handles secured to the top portions of said sections.

2,129,337
CONVEYER
Joseph MacKay Spears, Washington, D. C.
Application October 22, 1937, Serial No. 170,496
4 Claims. (Cl. 198—194)



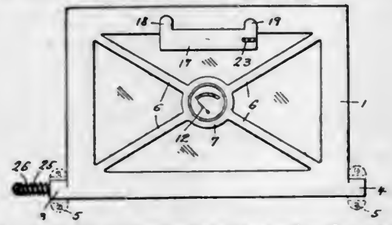
1. In a belt conveyer, an endless load supporting belt, a pair of endless sprocket chains adjacent and parallel to the edges of the belt, said chains having lug provided links at uniformly spaced intervals and being shorter than the belt, the lugs of the two chains being connected to opposite points of the edge portions of the belt at evenly spaced intervals along said edges, a pair of parallel drums around which said belt is trained, and sprocket wheels co-axial with said drums and having said chains tensely trained therearound, said drums being of such relatively greater diameter than the sprockets as to effect smoothing of the belt to concentricity with the drums in passing thereover, the marginal portions of said belt overlapping the ends of the drums and the chains being located between the runs of the belt.

2,129,338
SCREEN DOOR SPRING
Adam Leal Timmons, Salina, Kans.
Application January 8, 1935, Serial No. 903
1 Claim. (Cl. 16—72)



A screen door spring and housing therefor comprising, a retractile spring having eyes at the ends, a pair of open ended telescoping tubes housing the spring and having their distal ends unobstructed, cross pins extending through the tubes adjacent their distal ends and engaged through said terminal eyes of the spring, and a pair of hooks for connecting the tubes and the spring to a door frame and to a door pivoted to the cross pins and extending freely therefrom through the open unobstructed distal ends of the tubes.

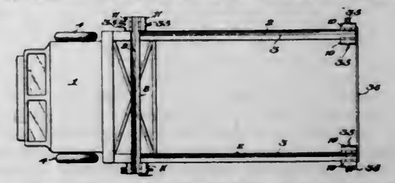
2,129,339
OVEN DOOR
Claiborn C. Turner, Nordland, Wash.
Application May 12, 1937, Serial No. 142,310
1 Claim. (Cl. 240—5)



An oven door comprising an outer frame having a groove therein for the reception of a conductor wire, a pair of spaced, transparent sheets mounted in said outer frame, an inner frame removably secured to the outer frame for retaining the transparent sheets in said outer frame, said inner frame covering the groove, a hollow handle mounted on the outer frame and having an opening therein adjacent said outer frame, an electric lamp mounted in the handle and adapted to illuminate the interior of an oven through said opening and the transparent sheets, said handle communicating with the groove for receiving the conductor wire therefrom.

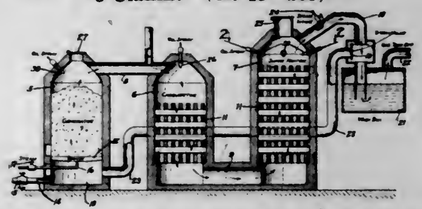
2,129,340
TRUCK
Ray R. Webber, Cleveland, Ohio
Application June 17, 1936, Serial No. 85,770
20 Claims. (Cl. 214—38)

1. In a hauling device, a truck having side bars of V-shape in cross section and a load carrier having side rails also of V-shape in cross section receivable in the V-bars of the truck, means for elevating the carrier, so that its side rails can be disposed above the plane of the side bars of the truck whereby upon lowering of the carrier its side rails will be guided and moved by the side bars transversely of the truck so as to automatically position the carrier rails with respect to the truck bars, should the rails and bars not be vertically alined upon lowering of the carrier, com-



plementary hinged locking plates for engagement with the carrier rails to lock the bars and rails together, which plates when in inoperative position are held in the plane of the sides of the V-bars so as to act as guides for the carrier rails upon movement of the carrier transversely of the truck.

2,129,341
PROCESS OF MANUFACTURE CARBURETED WATER GAS
Leon J. Willien, Chicago, Ill., and Louis Stein, Minneapolis, Minn., assignors to The United Gas Improvement Company, Philadelphia, Pa., a corporation of Pennsylvania
Application August 3, 1928, Serial No. 297,243
3 Claims. (Cl. 48—208)

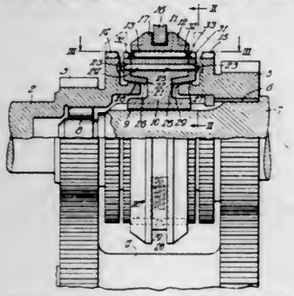


1. The process of making carbureted water gas of low specific gravity, which, when practiced in a set including a single generator, a single carburetor, a single superheater, in individual detached shells, and a wash box, connected in series, comprises internally preheating the carburetor and superheater solely by air blast gas from the generator, making carbureted water gas by forward steaming and carbureting, introducing petroleum oil into the back run steam, and generating gas comprising carbureted water gas and hydrogen and of lower specific gravity than the forward run carbureted water gas and of lower specific gravity than would be the case in the absence of the introduction of the petroleum oil by passing the mixture of steam and oil down through the fuel bed partially decomposing the petroleum oil to hydrogen and to oil gas which latter carburets the water gas simultaneously generated in the fuel bed.

2,129,342
TRANSMISSION SYNCHRONIZER
John C. Buchanan, Ypsilanti, Mich., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application September 11, 1936, Serial No. 100,237
2 Claims. (Cl. 192—53)

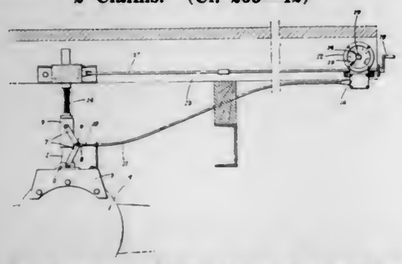
1. In a transmission synchronizer mechanism, a first torque transmitting element, a second torque transmitting element axially aligned with said first element, said first element having a plurality of radially and outwardly extending gear-like clutch teeth, a member adapted to rotate

with said second element and having a plurality of radially and outwardly extending teeth adapted to align with said first-mentioned clutch teeth, a sleeve having a plurality of radially and inwardly extending clutch teeth slidably mounted on said member and adapted to be shifted longitudinally to bridge the teeth on said first element and said member to provide a positive two-way drive therebetween, a ring having a lost-motion rotary connection with said member and forming with said first element a friction clutch operable frictionally to transmit torque between said elements when the ring is urged in the direction of and into contact with said first element, said ring having a plurality of blocker members extending radially outwardly therefrom between said first



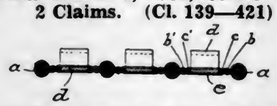
element and said member and disposed, when the ring is rotated relative to said member in the path of movement of the toothed portion of said sleeve, thereby to block longitudinal movement of said sleeve in the direction of the clutch teeth on said first element, said members on said ring having inclined cam surfaces engageable with cooperating inclined cam surfaces on the toothed portion of said sleeve whereby the ring may yield to camming action between said surfaces as the tendency of the ring to rotate relative to said member diminishes during the synchronizing of said first and second elements through the instrumentality of said friction clutch, and means operable at will for imparting longitudinal movement to said sleeve.

2,129,343
LOAD INDICATOR FOR MOTOR VEHICLES
Alfred A. Clemens, Columbia, Calif.
Application June 20, 1936, Serial No. 86,308
2 Claims. (Cl. 265—42)



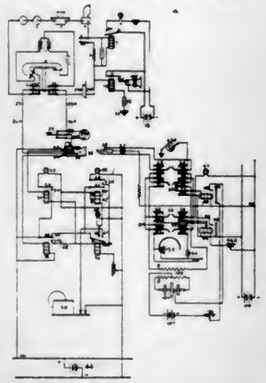
1. In a motor vehicle having a ground supported part and a bed above and movable downwardly relative thereto when a load is placed on the vehicle, a load indicating device comprising a load indicating gauge mounted on the bed, a member mounted on and upstanding from the ground supported part, another member slidably engaging the first member from above, a compression spring between the members, a toggle link unit connected at its ends on said members whereby downward movement of the other member will cause the central point of the link unit to move horizontally, a vertically adjustable screw mounted on the bed above the other member in position to engage and depress the same with the downward movement of the bed, a flexible element extending to the gauge from said central point of the link unit, the gauge including an indicating hand, and connecting means between the hand and element to move said hand with the longitudinal movement of the element.

2,129,344
FABRIC FOR USE IN THE MANUFACTURE OF SHOES
William D. Clement, Philadelphia, Pa., assignor to Friedberger-Aaron Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application March 9, 1938, Serial No. 194,762
2 Claims. (Cl. 139—421)



1. An elastic fabric for use in the manufacture of shoes composed of repeats each comprising an elastic warp thread, one or more relatively inelastic warp threads, a relatively wide, flexible and substantially inelastic strip and one or more relatively inelastic warp threads, and transversely extending fine filler threads all of which are interwoven with said warp threads, some of which are interwoven with and conceal the wide strip on face and back for part of its length, and the remainder of which extend under the wide strip for part of its length, the latter named part of the wide strip being exposed on its face and arched, by the contraction of the elastic warp after weaving, to present a ribbed appearance.

2,129,345
COMBINED FIRE ALARM, POLICE ALARM, AND INTERCOMMUNICATING SYSTEM
Berkey E. Cover, Chicago, Ill., assignor to Cover Dual Signal Systems, Inc.
Application July 6, 1937, Serial No. 151,998
8 Claims. (Cl. 179—5)



1. An alarm and an inter-communicating system comprising a plurality of separated stations and a complete metallic circuit therebetween, a pair of independently, automatically operated means located at one of said stations, one of said means for changing the resistance in said circuit

and the other of said means for interrupting said circuit and three interacting means located at the other of said stations, one responsive to an increase of current flow in said circuit, one responsive to the interruption of said circuit and the third, the action of which is initiated at its station of location, which blocks the operation of said other two means.

2,129,346
ALLOY
Anthony G. de Golyer, New York, N. Y.
No Drawing. Application October 20, 1936, Serial No. 106,515
1 Claim. (Cl. 75—123)

An alloy characterized by relatively high resistance to deformation and abrasion containing manganese 6.25% to 16%, boron 0.20% to 1.75%, molybdenum 0.25% to 5%, carbon not exceeding a maximum of 0.85% and the balance iron.

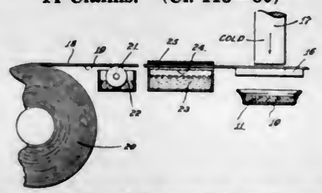
2,129,347
MANGANESE ALLOY
Anthony G. de Golyer, New York, N. Y.
No Drawing. Application October 21, 1936, Serial No. 106,805
1 Claim. (Cl. 75—123)

An alloy characterized by relatively high resistance to deformation and abrasion containing manganese 6.25% to 16%, boron 0.20% to 1.75%, carbon not exceeding a maximum of 0.85% and the balance iron.

2,129,348
MANGANESE-BORON ALLOY
Anthony G. de Golyer, New York, N. Y.
No Drawing. Application January 21, 1937, Serial No. 121,610
1 Claim. (Cl. 75—123)

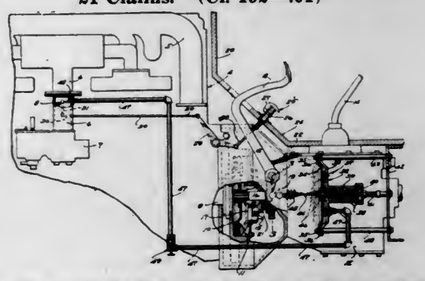
An alloy characterized by relatively high resistance to deformation and abrasion containing manganese 6.25% to 16%, boron 0.25% to 1.75%, nickel 0.50% to 10%, carbon not exceeding a maximum of 0.85% and the balance iron.

2,129,349
METHOD OF MAKING CENTER SPOT CROWNS
Jay Bernard Eisen, Yonkers, N. Y., assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y., a corporation of New York
Application July 14, 1936, Serial No. 90,465
14 Claims. (Cl. 113—80)



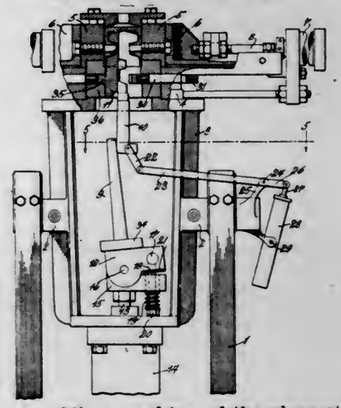
1. A method of making center spot crowns embodying therein the feeding of a strip of facing material having a coating of an adhesive soluble by an organic solvent, upon the under face thereof in relation to cold cutting dies including a plunger die, applying a liquid organic solvent to the coating upon said strip prior to the delivery of the strip in relation to said dies, whereby said adhesive is made tacky, cutting a disc from said strip and depositing it upon a cushion disc in a metal shell while at normal factory temperatures, applying pressure to said center spot disc when depositing it upon said cushion disc, and thereafter applying a continuing pressure to said center spot disc by a presser plunger maintained at normal factory temperatures, whereby said center spot disc is applied to said cushion disc without subjecting the adhesive to an elevated temperature.

2,129,350
AUTOMATIC CLUTCH CONTROL
Adolph E. Fisher, Minneapolis, Minn., assignor to A. Parker-Smith, New York, N. Y., as trustee
Application May 9, 1931, Serial No. 536,196
21 Claims. (Cl. 192—.01)



1. In a vehicle the combination with an internal combustion engine and driving connections including a friction clutch and yielding means tending to set the clutch, of means for operating the said friction clutch from suction produced in the engine's intake including a suction motor operative to react against said yielding means and effect release of the clutch, a suction connection between said motor and the engine intake, means for controlling suction to the suction motor, and an adjustable check valve interposed in the suction connection and being operative to retard resetting movements of said clutch under the action of said yielding means.

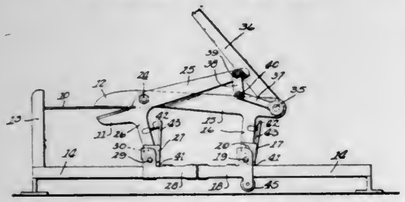
2,129,351
MOLDING MACHINE
John Flammang and Percy L. Bowser, St. Louis, Mo., assignors to The Sterling Corporation, St. Louis, Mo., a corporation of Delaware
Application July 20, 1936, Serial No. 91,487
13 Claims. (Cl. 22—93)



4. In a molding machine of the character described having a mold, a sectional core including center and side sections, means for guiding

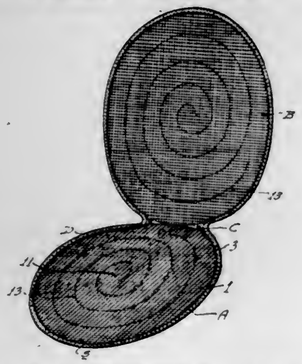
one of said side sections for removal by gravity from the mold, and friction means automatically checking the speed of movement of said section to prevent a damaging impact.

2,129,352
SHEARS
Fred W. Haralson, Black River Falls, Wis.
Application April 12, 1937, Serial No. 136,275
5 Claims. (Cl. 164—44)



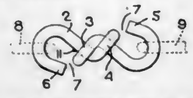
1. In a shearing mechanism having a base and relatively movable blades for advance with respect thereto, a dog for one of the blades to engage the base and prevent retrograde movement, and a dog for the other blade to prevent retrograde movement thereof, whereby in the relative movement of the blades to advance them relative to said base.

2,129,353
SEAT PAD AND CUSHION
Erskine P. Harley, Oklahoma City, Okla.
Application September 4, 1936, Serial No. 99,373
2 Claims. (Cl. 155—182)



2. As an article of manufacture, a seat cushion comprising a pair of companion-shaped cover members marginally secured together to form an envelope, a rigid shape-defining frame member disposed within the envelope, a first convoluted spiral spring member disposed within the envelope, said spring member being mounted on and extending continuously around the frame member, a second convoluted spring member disposed within the envelope, means rigidly connecting the outer end of the second spring member to the envelope, said second spring member extending inwardly of the first spring member in a diminishing spiral for substantially filling the envelope and resiliently urging the cover members thereof away from each other, and a diminishing spiral row of stitching securing the cover members together in surface contact in the formation of a spring enclosing spiral channel for confining said second spring member against unauthorized lateral movement.

2,129,354
REPAIR LINK
James Dexter Harris, Waban, Mass.
Application September 11, 1937, Serial No. 163,410
2 Claims. (Cl. 59—85)



1. A repair link comprising a pair of relatively slidable shanks, and an eye formed upon one end of each shank and embracing the opposite shank, hooks formed upon the remaining ends of the shanks with the space between each eye and the adjacent hook when the link is expanded being substantially less than when the link is contracted, the inner periphery of one of said eyes being non-circular, and the shank on which it slides having a cross section, between said eye and the adjacent hook, corresponding to said noncircular periphery but rotarily out of alignment therewith when the link is expanded to require relative rotation of the eyes and shanks to permit the link to be contracted.

2,129,355
HANDLE
Carl H. Hemming, New Haven, Conn.
Application November 7, 1936, Serial No. 109,713
3 Claims. (Cl. 30—344)

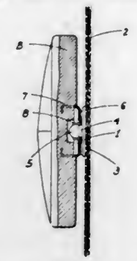


1. An article of manufacture of the class described comprising a blade or operative member, a tang extending from said member, a handle composed of a pair of covering plates secured one on each side of said tang, said tang extending the full length of said handle, means for securing said covering plates to said tang, said means comprising retaining plates being seated in recessed ends of said covering plates and all of said plates being secured at each end to said tang by rivets passing therethrough.

2,129,356
BUTTON SNAP
Francis L. Kelly, Glendale, Calif.
Application November 23, 1936, Serial No. 112,209
1 Claim. (Cl. 24—108)

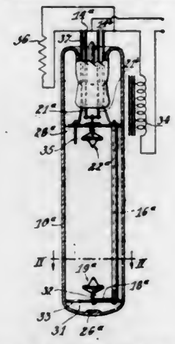
A button having a relatively large head, a shallow cupped disc disposed in inverted relation against the back of the head and with its rim depressed into the head to locate said disc on the head, the disc having a central opening and the head being recessed under the disc, and spring prongs to engage about a cooperating snap head element, formed integral with the disc and projecting inwardly about the opening thereof and into the head recess; the distance from the plane

of the back of the head to the disc about the central opening thereof being slightly greater



than that from the back of the head to the disc at its rim.

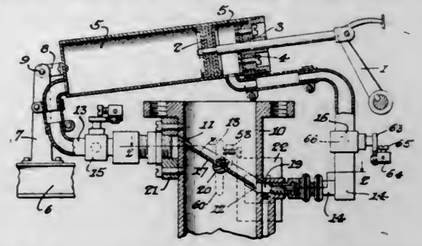
2,129,357
MERCURY VAPOR LAMP
John W. Marden, East Orange, and George Meister, Newark, N. J., assignors, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 8, 1936, Serial No. 104,596
12 Claims. (Cl. 176—122)



1. A mercury vapor discharge device comprising a bulb, having a press, leading-in conductors extending through said press, a pair of electrodes activated to emit electrons at relatively low temperatures, disposed one adjacent each end of said bulb, one of said conductors being connected to the electrode adjacent thereto and the other extending to said other electrode, a pool of mercury in said bulb heated by the discharge from said electrodes, to provide vapor for supporting said discharge, and a chamber around said press and above said discharge to condense surplus vapor and return it to said pool.

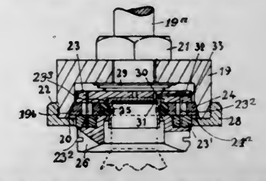
2,129,358
VACUUM POWER CLUTCH
James Harry Keighley McCollum and Henry John De Neville McCollum, Long Branch, N. J., assignors to A. Parker-Smith, New York, N. Y., as trustee
Application December 20, 1930, Serial No. 503,768
16 Claims. (Cl. 192—.01)

1. In a vacuum power clutch mechanism, in combination, a double-acting pneumatic power producing device, a carburetor having a throttle valve, and provided with ports in its casing cooperating with each edge of said valve, together with a separate connection from each of said ports to one of two oppositely disposed portions of the interior of said power producing device; whereby said power producing device is con-



trolled by motion of said throttle valve with reference to said ports.

2,129,359
CAPPING DEVICE
Erwin Pommer, Vienna, Austria
Application August 18, 1936, Serial No. 96,580
In Austria March 7, 1936
2 Claims. (Cl. 226—85)

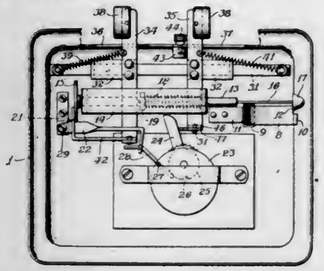


1. A bottle cap sealing device comprising a sealing head, a cap engaging member and an interconnected collar member spaced from said cap engaging member in said sealing head and adapted to be reciprocated within said sealing head by an inserting movement of the bottle neck, a sealing ring, pressing means positioned between said members and means operable in response to said relative reciprocating movement to contract the first-mentioned means and cause them to exert radial pressure on said ring whereby the sides of the cap will be pressed firmly against the bottle top and sealed securely thereon, said cap engaging member being perforated to form sockets for printing dies whereby the cap may be imprinted with the desired indicia during the cap sealing movement, a peripheral groove in said cap engaging member, a resilient member in said groove and a plurality of members extending radially from said sockets to said resilient member for holding the dies firmly in position during the cap sealing movement.

2,129,360
TOASTER
August C. Purpura, Chicago, Ill.
Application January 15, 1937, Serial No. 120,673
7 Claims. (Cl. 161—16)

1. In combination, a heating element, a toast holder, means supporting said holder for rocking movements between a toasting position beside the heating element and an idle position, a tail on said holder, an actuator separate from and lying on one side of the said tail, said actuator being movable from and toward said tail, a shoulder on the actuator adapted to snap behind the tail when the actuator is moved forward and to draw the tail backward when the actuator makes a return stroke, a spring associated with the actuator and adapted to be compressed when the actuator is moved forward, a catch to lock the actuator in its

forward position, a timing device, means operated by said timing device to trip said catch, and means including manually-operated finger pieces to energize the timing device and move said actuator forward.



6. In a toaster, a timing device having an element that must be moved to store up energy in the device, an operating member normally spaced apart from said element and adapted to be shifted into engagement with the latter and then cause it to be moved in the direction to store up energy, a stop device on said member adjustable to vary the normal spacing between said member and said element, and a thermostatic device adapted to move said stop device with changes in the temperature.

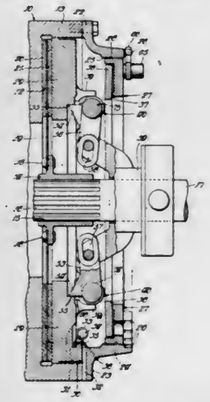
2,129,361

FRICTION CLUTCH

Carl A. Ruesenberg and Martin Willene, Rockford, Ill., assignors to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois

Application April 13, 1937, Serial No. 136,595

11 Claims. (Cl. 192—68)



1. In a clutch, a driven member, a pressure plate, a driving member, a ring mounted on said driving member, means for actuating said pressure plate to press said driven member against the driving member for rotation therewith, said means comprising a plurality of cams between said pressure plate and ring, each of said cams comprising a cylindrical member having diametrically opposed parallel flattened portions and each having a slot extending thereacross from opposed ends of the flattened portions, and a plurality of coacting rollers therein, the shape of the cam being such as to cause the outer rollers to contact the ring and pressure plate when the cam is rotated to actuate the pressure plate.

2,129,362

SAFETY PAPER AND METHOD OF MAKING SAFETY PAPER

Francis L. Simons, Needham, and Mark W. Weiss, Boston, Mass., assignors to George La Monte & Son, Nutley, N. J., a corporation of New Jersey

Application November 21, 1936, Serial No. 112,008

20 Claims. (Cl. 283—8)



1. A safety paper which comprises a surface layer and a sub-surface layer of a color which contrasts with the color of said surface layer, a first portion of said surface layer being adapted to become substantially more permeable to light when said portion in a dry state has a liquid applied thereto so that the color of said sub-surface layer is visible therethrough, and a second portion of said surface layer which is contiguous with said first portion and is of substantially the same color as said first portion being adapted when said second portion in a dry state has said liquid applied thereto to have its permeability to light substantially less affected than said first portion.

2,129,363

SAFETY PAPER AND METHOD OF MAKING SAME

Francis L. Simons, Needham, and Mark W. Weiss, Boston, Mass., assignors to George La Monte & Son, Nutley, N. J., a corporation of New Jersey

Application November 21, 1936, Serial No. 112,009

11 Claims. (Cl. 283—8)



1. A safety paper which comprises a sheet of material presenting a surface of a color other than white and indicia overlying a plurality of portions of said surface leaving other portions exposed which indicia are of a substantially lighter shade of color with regard to the color of said surface and which indicia are composed of material adapted to have the permeability thereof to light increased to substantial extent upon the application of a liquid thereto.

2,129,364

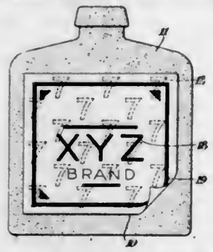
AUTHENTIFICATION DEVICE AND METHOD OF MAKING SAME

Francis L. Simons, Needham, and Mark W. Weiss, Boston, Mass., assignors to George La Monte & Son, Nutley, N. J., a corporation of New Jersey

Application November 21, 1936, Serial No. 112,010

15 Claims. (Cl. 283—8)

1. In combination with a colored sub-surface, a surfacing web of a color which contrasts with the color of said sub-surface, said surfacing web including a first portion adapted to become substantially more permeable to light when said portion in a dry state has a liquid applied thereto so that the color of said sub-surface is visible therethrough, and a second portion which is contiguous with said first portion, which is of substantially the same color as said first portion when



said surfacing web is in a dry state, and which is adapted when said second portion in a dry state has said liquid applied thereto to have its permeability to light substantially less affected than said first portion.

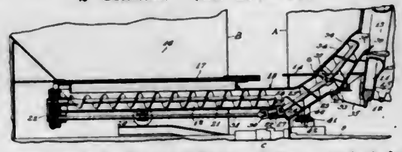
2,129,365

LOCOMOTIVE STOKER

Charles J. Surdy, Tuckahoe, N. Y., assignor, by mesne assignments, to The Standard Stoker Company, Incorporated, a corporation of Delaware

Original application July 20, 1935, Serial No. 32,339. Divided and this application January 29, 1937, Serial No. 122,919

2 Claims. (Cl. 198—15)



1. In combination with an intercoupled locomotive and tender, the former having a boiler backwall and a frame, and the latter being provided with a fuel bin, a fuel transfer conveyor leading forwardly from said tender to said locomotive comprising a trough portion underlying said bin and a conduit portion rigid with said trough portion, the forward end of said conduit portion being disposed above the level of said trough portion, means carried by said trough portion movably supporting said transfer conveyor on the tender, means carried by the boiler backwall arranged to flexibly support the forward end of said conduit portion, said fuel transfer conveyor being provided with a depending foot member, and a support member carried solely by the frame of the locomotive, one of said members at its free end having a concave surface and the other of said members at its free end having a convex surface, one of said curved surfaces fitting into the other of said curved surfaces, the engagement of said curved surfaces arresting substantial fore and aft movement of said transfer conveyor with respect to said locomotive as relative fore and aft movement between the locomotive and tender occurs.

2,129,366

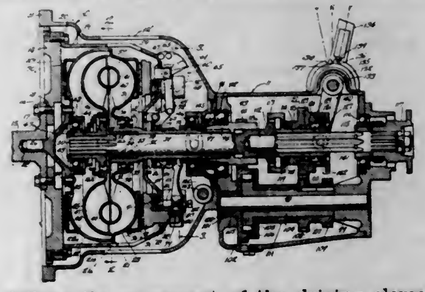
FLUID CLUTCH AUTOMATIC TRANSMISSION

Benjamin A. Swennes, Rockford, Ill., assignor to Borg-Warner Corporation, a corporation of Illinois

Application June 8, 1936, Serial No. 84,078

9 Claims. (Cl. 74—189.5)

1. Automatic change-speed power transmission mechanism comprising in combination with driving and driven shafts, a power train of selected speed ratio including an overrunning clutch and complemental cam mechanism displaceable in accordance with the amount of power transmitted through said train, a power train of higher speed ratio adapted to drive the driven shaft from the driving shaft, said overrunning clutch permitting of said train of higher ratio driving the driven shaft independently of said train of selected ratio, said higher ratio train including a flowable-substance medium clutch having driving and driven elements of which the driven element impositively follows the movement of the driving element for coupling said train of higher ratio between said shafts, and an axially shiftable power shaft driven from said driven element, said driven element being shiftable with said power shaft between positions of respectively greater and less tendency of said driven element to follow the driving element, said power shaft having an operative connection with said cam mechanism so that shifting of said power shaft and said driven clutch element is in accordance with the displacement of said cam mechanism.



2,129,367

GELATINOUS OR SEMIGELATINOUS BLASTING EXPLOSIVES

Vernon Harcourt Williams, Ardrossan, Ayrshire, Scotland, and Bernard William Foster, Blackheath, London, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application July 10, 1936, Serial No. 90,002. In Great Britain July 26, 1935

8 Claims. (Cl. 52—13)

1. A plastic explosive composition comprising a liquid explosive nitric ester, a gelatinizing agent for said nitric ester, and a plastic clay.

2,129,368

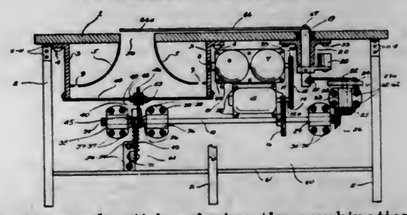
ADVERTISING DEVICE

Elmer L. Ballew, Chicago, Ill.

Application June 1, 1936, Serial No. 82,955

Renewed February 2, 1938

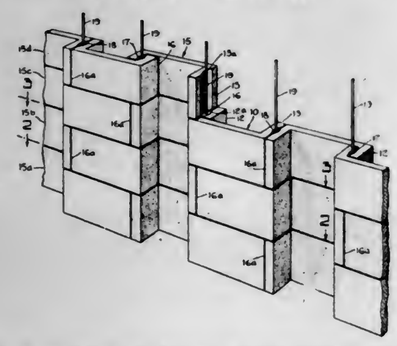
13 Claims. (Cl. 40—126)



1. In an advertising device, the combination of a sign or billboard adapted to have advertising or display matter arranged thereon and provided

with an opening, a smoke storage chamber arranged behind the said sign or billboard and having communication with said opening, said smoke storage chamber including a wall having the form of a flexible diaphragm, and means for flexing the said diaphragm so as to expel smoke from said smoke storage chamber through the said opening in said sign or billboard so as to attract attention to the latter.

2,129,369
STRUCTURAL UNIT
Herbert Alfred Faber, Cincinnati, Ohio
Application June 8, 1937, Serial No. 147,011
4 Claims. (Cl. 72—30)



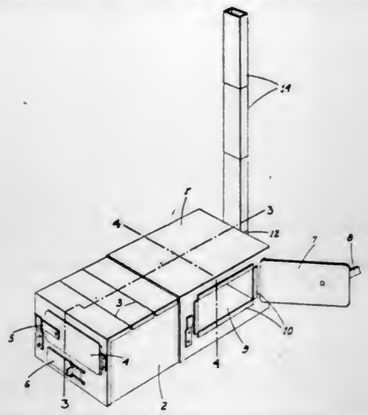
1. A prefabricated masonry structural unit having a rectangular web and flanges at the ends thereof, said flanges being of different depth measured from the face of the web, the proportion of the respective flanges providing for assembling a course of such units in which the longer flanges of contiguous units are in coextensive outer-face to outer-face relationship and the shorter flanges of contiguous units are in coextensive inner-face to inner-face relationship, while maintaining the web faces of alternate units in the same plane.

2,129,370
COATED FIBROUS SHEET AND WEB MATERIAL AND PROCESS FOR MAKING SAME
Erich Gebauer-Fuelnegg, deceased, late of Evanston, Ill., by Marie Gebauer-Fuelnegg, administratrix, Evanston, Ill., and Eugene W. Moffett, Chicago, Ill., assignors to Marbon Corporation, Chicago, Ill., a corporation of Delaware
No Drawing. Application December 10, 1936, Serial No. 115,262
4 Claims. (Cl. 91—68)

2. Sheet suitable for wrapping purposes and the like, characterized by being heat sealing, transparent, and highly resistant to moisture vapor, comprising a regenerated cellulose sheet having a coating thereon composed essentially of a rubber hydrochloride and one or more substances from the group of waxes and resins consisting of paraffin wax, chlorinated diphenyls, polycoumarone, rosin and dammar.

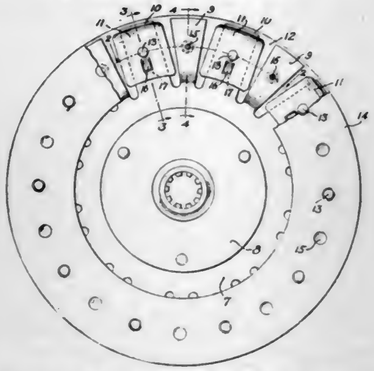
2,129,371
STOVE
John D. Robinson, Modesto, Calif.
Application March 8, 1937, Serial No. 129,542
1 Claim. (Cl. 126—9)

A portable stove including a pair of non-collapsible metallic sections rectangular in cross section and telescopically arranged, one of said sections having an opening in one side thereof, a door mounted on said section and arranged to close the opening and an oven of substantially the same cross sectional size and configuration as said opening and of a depth only slightly less than the width of said one section, the oven be-



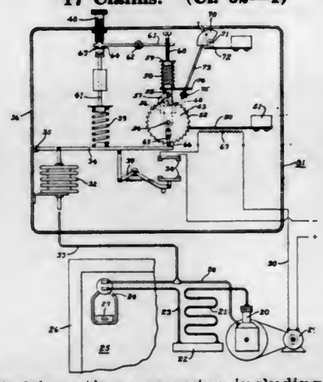
ing adapted for removable placement through said opening and positioning transversely within said one section when the telescopic sections are extended; the oven being shorter than said sections when telescoped and of a width whereby it may be removed through the opening from such transverse position and disposed longitudinally within the sections when so telescoped.

2,129,372
CLUTCH PLATE
David E. Gamble, Chicago, Ill., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application February 15, 1935, Serial No. 6,624
9 Claims. (Cl. 192—107)



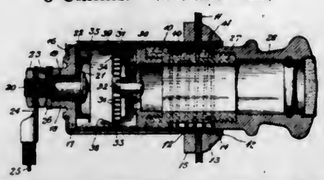
1. A clutch plate comprising a relatively thick metal disc, spaced supports and tongues arranged in alternating succession at the periphery of the disc, relatively thin metal cushion members mounted on the supports, the cushion members and tongues being curved to offset parts thereof from the same side of the disc, and a friction facing arranged on the cushion members and tongues to cushion the engagement thereof during operation of the clutch.

2,129,373
REFRIGERATING APPARATUS
Albert O. Grooms, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application March 19, 1934, Serial No. 716,305
Renewed April 24, 1936
17 Claims. (Cl. 62—4)



1. Refrigerating apparatus including refrigerant liquefying means and refrigerant evaporating means, means for cyclically controlling the liquefying means to normally maintain the evaporating means at a normal average temperature, and bimetal powered means for periodically affecting by physical force the operation of the controlling means to periodically cause the temperature of the evaporating means to be changed from normal.

2,129,374
ELECTRIC CIGAR LIGHTER
Arthur A. Johnson, Bridgeport, Conn., assignor to Automatic Devices Corporation, Bridgeport, Conn., a corporation of Connecticut
Application August 17, 1934, Serial No. 740,266
8 Claims. (Cl. 219—32)



8. A manually operable igniting unit comprising an elongated body having a heating element mounted on one end thereof and a bimetallic latch means clamped between the end of the body member and heating element and in heat-conducting relation with the heating element and extending forwardly thereof for engagement with a contact for completing a circuit through that element.

2,129,375
WRITING PAD
Harry Sloper Jones, Chicago, Ill.
Application August 20, 1937, Serial No. 160,004
5 Claims. (Cl. 282—22)

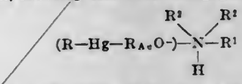
1. A writing pad for use in typewriters or the like comprising a plurality of writing sheets secured together at one end margin and having perforated lines in registry spaced inwardly of said margin, carbon sheets between said writing sheets, said carbon sheets having thumb notches at one end, the thumb notched ends of said carbon sheets being in alignment with the unsecured ends of said writing sheets and the other ends



of said carbon sheets extending beyond said perforated lines for gripping purposes and being unsecured to said writing sheets.

2,129,376
OIL-SOLUBLE MERCURIALS AND PROCESS OF MAKING THEM
Morris S. Kharasch, Chicago, Ill., assignor to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana
No Drawing. Application September 23, 1936, Serial No. 102,161
12 Claims. (Cl. 260—505)

1. An oil-soluble salt of an organo-mercury compound, having the following general formula:



in which R represents a member of the class consisting of the lower alkyls, hydroxyl, and the halogens; $R_{Ac}O-$ represents a non-metal benzenoid radical that has an oxygen atom by which it is capable of combining with hydrogen or with a basic atom or radical; R^1 represents an alkyl radical having between 6 and 18 carbon atoms; and each R^2 represents a member of the class consisting of hydrogen and the lower alkyl radicals.

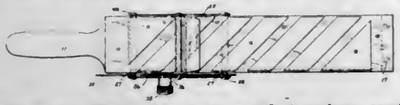
2,129,377
POLISHING COMPOUND
Hyman Libovitz, Newark, and Walter Mueller, Union, N. J., and William Pfeiffer, Jackson Heights, N. Y., assignors to Allegro Company, a corporation of New Jersey
No Drawing. Application June 18, 1935, Serial No. 27,184
6 Claims. (Cl. 51—280)

1. An abrasive composition comprising 1250 weight units of silicious earth, 750 weight units of aluminum oxide, 250 weight units of tripoli powder, 250 weight units of petroleum jelly, 125 weight units of ceresine wax, 125 weight units of stearic acid, 50 weight units of Montan wax, a quantity of tar, and 25–250 weight units of cotton waste.

2,129,378
RAZOR STROPPING MECHANISM
Dorsey G. McPeak, Crivitz, Wis.
Application March 27, 1936, Serial No. 71,144
4 Claims. (Cl. 51—153)

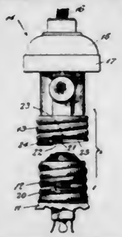
2. In a mechanism of the described class, a rigid strop holder surfaced with stropping material on one side and having a longitudinally

extending slot parallel with the stropping surface, said strop holder being channelled along one margin to form a laterally facing guideway, in combination with a razor blade carriage having cross rods in sliding fit relation to said slot, a blade reversing slide mounted for limited movement along one side of the carriage and provided with a laterally projecting actuating knob, said carriage having a tensioning plate in sliding fit



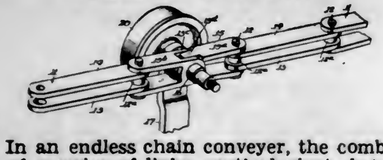
relation to the guideway, and tension springs extending through said slot and connecting the tensioning plate with the opposite side wall of the carriage to resiliently clamp the carriage to the sides of the strop holder, said springs being adapted to impart a greater resistance to the movement of the carriage than that of the blade adjusting slide in its movement relatively to the carriage.

2,129,379
ANTITHEFT BULB AND SOCKET
Malcolm Molian, Otis, Mass.
Application September 9, 1936, Serial No. 99,948
9 Claims. (Cl. 176—31)



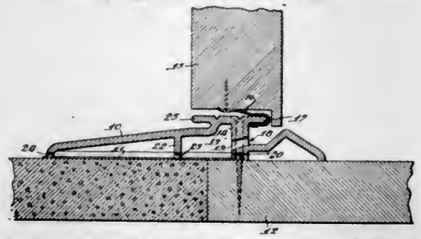
2. An electric lamp locking device, including, in combination, an electric socket having an inner threaded shell, said shell having a cut therein providing a locking edge, and having an outer shell covering the inner shell; an electric lamp, including a glass bulb, a threaded metal base therefor adapted to screw into the inner shell of the socket; a tongue carried by said base, biased outwardly therefrom, and adapted to receive thereunder the locking edge of the shell; manually operable means carried by the outer shell of the socket for depressing the tongue of the lamp base when the lamp is fully screwed in said socket; and a concealing cover for the outer shell to hide said manually operable means.

2,129,380
CHAIN CONVEYER
Horace H. Morgan, Detroit, Mich., assignor to The Webster M'f'g Company, Chicago, Ill., a corporation of Ohio
Application October 24, 1936, Serial No. 107,383
3 Claims. (Cl. 198—177)



1. In an endless chain conveyer, the combination of a series of links, vertical pivots between said links to permit relative horizontal pivotal movement between them, pairs of intermediate link-sections, vertical pivots connecting the outer ends of the link-sections to adjacent links, horizontal axles having their axes in the plane of the vertical center of the links, and extending through and pivotally connecting the inner ends of each pair of link-sections for relative vertical pivotal movement of the sections, trolley-wheels on, coaxial with, and for supporting the axles, and rails for supporting the wheels.

2,129,381
THRESHOLD CONSTRUCTION
Maurice S. Oftedal and Wilber Stanley Dykeman, Chicago, Ill.; said Dykeman assignor to said Oftedal
Application August 17, 1935, Serial No. 36,608
2 Claims. (Cl. 20—64)



1. A threshold construction comprising an elongated threshold member of substantially uniform cross-section, said member including an outside portion sloping downwardly and outwardly and a gutter on the inside portion of the threshold, a supporting leg on the underside of said member between the gutter and sloping portion, a drainage plate extending outwardly from said supporting leg and underneath said sloping portion, drainage openings from the gutter to the space beneath the sloping portion and above the drainage plate, and threshold securing means passing between said gutter and said drainage plate.

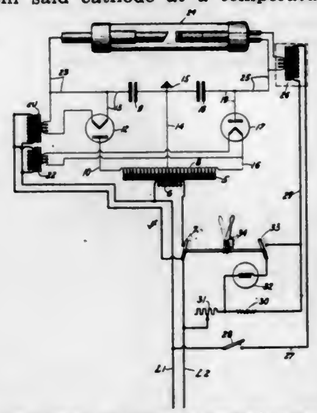
2,129,382
METHOD OF CENTRIFUGALLY CASTING PIPES IN CHILLED MOLDS
Eugen Piwowarsky, Aachen, Germany
No Drawing. Application June 23, 1936, Serial No. 86,751. In Germany July 1, 1935
2 Claims. (Cl. 148—3)

1. The method of producing centrifugally cast cast-iron pipes by means of chilled molds, comprising the steps of preparing a mass of molten cast iron having a carbon content slightly below 2.4% and a combined carbon and silicon content of about 4%, centrifugally casting the molten metal in a chilled mold and annealing the cast iron pipe thus formed by heating from 20° to 80° C. above the conversion point $A_{c\,1,2,3}$ and cooling the pipe, whereby a pipe of high resistance to impact shocks is produced.

2,129,383
X-RAY SYSTEM FOR TAKING SHORT EXPOSURE X-RAY PHOTOGRAPHS
Clayton Tridle Ulrey, East Orange, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application July 25, 1933, Serial No. 682,063
Renewed January 22, 1936
9 Claims. (Cl. 250—34)

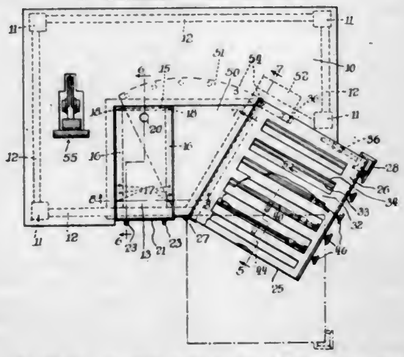
3. In an X-ray system for taking X-ray photographs in a short interval of time the combination

of an energy storage means adapted to accumulate a high potential charge of electrical energy, a source of rectified alternating current for charging said energy storage means, a discharge circuit for said energy storage means including an X-ray tube provided with a thermionic cathode, a source of heating current for the cathode of said X-ray tube including means normally operative to maintain said cathode at a temperature below



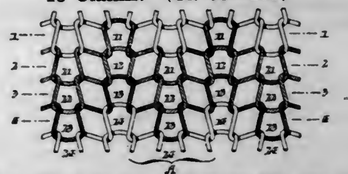
that required for thermionic emission; and means adapted to be connected to said cathode heating source and operable to cause a momentary increase in the current supplied to said cathode in excess of that necessary for maximum emissivity, in order to cause a substantially instantaneous rise in the cathode heating temperature to the point of desired electron emissivity with attendant energization of said X-ray tube by the discharge of said energy storage means.

2,129,384
WORK TABLE
Hurley D. Ralston, Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application January 14, 1935, Serial No. 1,645
2 Claims. (Cl. 45—70)



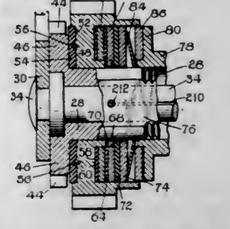
1. A table of the character described having a swingable section in a front corner thereof, said swingable section being hinged at its front inner corner to the front of the table whereby it may be swung forwardly at one side of the center of the table, said swingable section having a leg at its outer rear corner, a shelf extending from the inner side edge of the swingable section to fill the space between the swingable section and the table proper when the former is swung forwardly, and a cleat rigid with the table proper underlying said shelf and having a spring catch engaging said shelf to hold the swingable section in various positions of adjustment.

2,129,385
KNITTING
Oskar Sauer, Philadelphia, Pa.
Application July 8, 1935, Serial No. 30,226
15 Claims. (Cl. 66—169)



1. A knitted fabric characterized by having plain sinker wale loops of each component course thereof transposed between neighboring plain needle wale loops of a previously knit course.

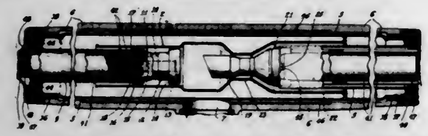
2,129,386
FISHING REEL
John V. Schafer, Bronson, Mich., assignor to Bronson Reel Company, Bronson, Mich., a corporation of Michigan
Application February 4, 1935, Serial No. 4,731
20 Claims. (Cl. 242—84.5)



6. In a fishing reel, in combination: a drive shaft; a gear rotatable on said drive shaft; friction means acting between said shaft and said gear and tending to cause said gear and shaft to turn together; and two different instrumentalities affecting the amount of said friction; said instrumentalities comprising a first adjustable manual means for compressing said friction means to affect the amount of friction; and a second automatic load-sensitive means operating responsive to relative rotation of said gear and said shaft, for reducing said friction cumulatively as relative rotation occurs; both said instrumentalities operating on said friction means at all times, whereby the effective action of said friction means represents the sum of the actions that would result from either instrumentality operating alone.

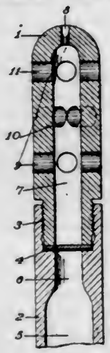
20. In a fishing reel, in combination: a crank; a spool; a frame supporting said crank and spool; a transmission including friction drive means connecting said crank and spool; manual loading means for imposing a load on said friction drive means; and resilient means forming part of said manual loading means and conveying the load to said friction drive means; said resilient means including a plurality of resilient members of different stiffness arranged in series, whereby said resilient members act successively as the load is increased.

2,129,387
SHOCKPROOF X-RAY UNIT
Charles Morse Slack, Glen Ridge, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 31, 1934, Serial No. 750,760
3 Claims. (Cl. 250—34)



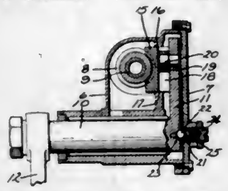
1. A shockproof X-ray apparatus comprising a metallic housing, an X-ray tube disposed in said housing having an envelope of shorter length than that normally required for a tube operating in air at the same applied voltage and provided with oppositely disposed reentrant stems extending a substantial distance longitudinally of said envelope, electrode terminals disposed at the innermost extremity of said reentrant stems, and means for supporting said tube and for supplying electrical energy thereto comprising grounded metallic sheathed cables having the metallic sheathing thereof connected to said metallic housing and provided with an unsheathed portion, an insulated sleeve snugly fitting the unsheathed portion of said cables and extending directly into said reentrant stems to form a single leakage path and to increase the air-gap spacing between said electrode terminals and all grounded metallic parts to prevent the formation of corona during operation of said tube, said insulated sleeve being connected to said X-ray tube and said housing to form a support therefor, and said insulated sleeves having terminals connected to said cables and slidably engaging the electrode terminals disposed at the innermost extremity of said reentrant stems.

2,129,383
BLASTING EXPLOSIVE DEVICE
James Taylor and William Young, Saltcoats, Scotland, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
Application April 10, 1935, Serial No. 15,643
In Great Britain April 20, 1934
14 Claims. (Cl. 102—6)



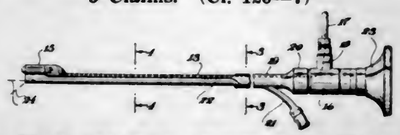
1. A blasting device of the kind described comprising a container of substantially uniform cross section throughout at least the greater part of its length, and an elongated cap provided with a plurality of rows of venting apertures distributed uniformly over the cylindrical surface of the cap, the total cross sectional area of the venting apertures being at least 3⅓ times as large as the internal cross sectional area of the throat of said container.

2,129,389
STEERING GEAR
B. Wickliffe Twyman, Milwaukee, Wis., assignor to Lavine Gear Company, Milwaukee, Wis., a corporation of Wisconsin
Application May 20, 1936, Serial No. 80,741
5 Claims. (Cl. 74—497)



1. In a steering gear, the combination with a drive shaft and driven shaft, and motion transmitting connections between said shafts tending to move the driven shaft axially in one direction in reaction to thrust developed between said shafts, of a thrust bearing opposing the movement of said rock shaft in said direction and comprising a non-metallic cushion having means confining it against substantial distortion.

2,129,390
DIAGNOSTIC INSTRUMENT
Frederick Charles Wappler, New York, N. Y.
Application April 9, 1936, Serial No. 73,440
3 Claims. (Cl. 128—7)



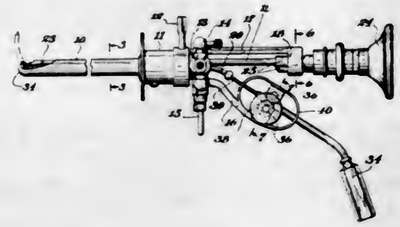
1. In a diagnostic instrument of the character described, an elongated cylindrical telescope tube having at its forward end an objective commanding a forwardly oblique field of vision, a tubular lamp carrier slidably and rotatably accommodating said telescope tube therein, a lamp eccentrically mounted on the forward end of the lamp carrier, and a sheath about half as long as the lamp carrier and adapted snugly to accommodate said lamp carrier therein, the forward half of the lamp carrier having all but one segmental wall portion cut away to permit insertion and removal of the lamp carrier through said sheath.

2,129,391
ENDOSCOPIC INSTRUMENT
Frederick Charles Wappler, New York, N. Y.
Application April 9, 1936, Serial No. 73,441
5 Claims. (Cl. 128—6)

1. In an instrument of the character described, a telescope having an objective which commands a forwardly oblique field of vision, a tool-guiding tube, a pair of irrigation conduits alongside of said tube on opposite sides of the latter, respectively, and a pair of lamps mounted on the forward ends of said conduits, respectively, and adjacent to the outlet end of said tube, said lamps and outlet end being positioned in front of the objective but alongside of the field of vision.

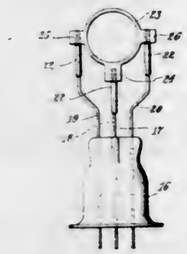
2. In an instrument of the character described, a device for advancing a flexible tool such as a

catheter, comprising a fixed bracket, an element of spring metal carried by said bracket and bowed to form spaced portions yieldably resisting separation, a pair of complementary rollers journaled



in said portions, respectively, and adapted to frictionally engage the tool between their peripheral surfaces, and a handwheel for rotating one of said rollers.

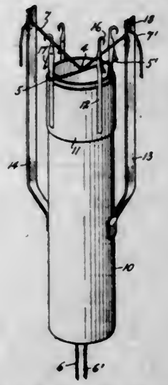
2,129,392
ANODE SUPPORT
Ward W. Watrous, Jr., Verona, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 20, 1934, Serial No. 758,348
4 Claims. (Cl. 250—27.5)



1. An electron discharge device comprising an evacuated envelope having a stem, cooperating electrodes disposed in said envelope one of which is an anode of substantially cylindrical configuration surrounding the other of said electrodes and having its longitudinal axis disposed substantially transverse to the longitudinal axis of said stem, and means to maintain said anode in spaced relation with respect to the other of said electrodes to prevent displacement thereof with attendant microphonics and frequency shift during operation of said device comprising flanges disposed longitudinally of said anode and support members extending from said stem tangentially secured to said flanges on opposite sides of said cylindrical anode, and another support member extending from said stem and secured to one of said flanges intermediate said first mentioned support members.

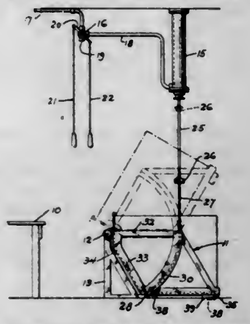
2,129,393
KNITTING DEVICE AND PROCESS OF KNITTING
Jay H. Woolhiser, Elmhurst, N. Y.
Application May 25, 1936, Serial No. 81,569
6 Claims. (Cl. 66—79)

1. A hand knitting device comprising a tubular member, a sleeve turnable and slidable on said member, a plurality of knitting needles secured



to said sleeve, and one or more yarn guides fixed on said tubular member.

2,129,394
BASKET-TIPPING APPARATUS
Thomas F. Allen, Watsonville, Calif.
Application November 9, 1936, Serial No. 109,884
1 Claim. (Cl. 214—1.1)

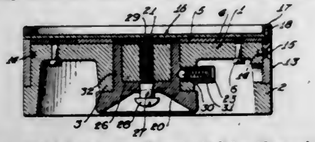


A basket-tipping apparatus for use in packing sheds and the like which comprises in combination a frame formed of end members rigidly connected by bottom members and front members and having an open back to permit rolling of baskets into the frame, a pivotal support for said frame adjacent the top forward edge thereof, flexible cables connected with said end members adjacent the lower forward corners thereof, channel-shaped arcuate guideways secured at both ends to said end members forming diagonal braces for the end members and leading said cables toward the upper rear corners thereof, whereby the frame may be swung about its pivotal support by an upward pull on said cables.

2,129,395
READING DEVICE FOR WELL SURVEY RECORDS
Alexander Anderson, Fullerton, Calif., assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif., a corporation of Delaware
Application April 28, 1937, Serial No. 139,553
11 Claims. (Cl. 33—1)

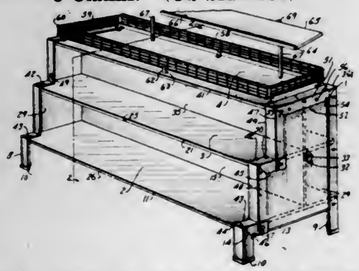
1. A reading device for interpreting a well survey record disc bearing survey indicia, comprising: a base having a dummy compass scale

thereon; a ring carried by said base and angularly adjustable with respect to said scale, said ring being positioned co-planular with said scale and having indicia thereon; a record disc holder



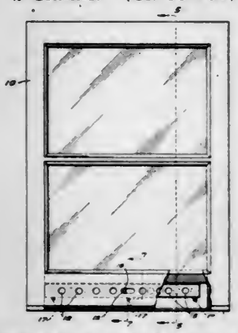
carried by said base and rotatable therein; and means rotatable on said base, having a radial index for aligning the indicia on said ring and on said disc with said scale.

2,129,396
RACK
Philip D. Archer, Kansas City, Mo., assignor to Campbell Taggart Associated Bakeries, Inc., Kansas City, Mo., a corporation of Delaware
Application February 20, 1937, Serial No. 126,847
3 Claims. (Cl. 211—137)



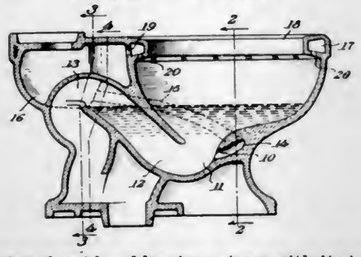
1. In a device of the character described, a plurality of superimposed compartments having open sides and having horizontal sections forming floors progressing upwardly in consecutively stepped relation, means for supporting said sections including a plurality of legs having substantially the same height as the lowermost of said sections and a plurality of legs of a height substantially equal to the uppermost of said sections, means for joining said stepped portions of said compartments and closing the ends thereof, and means spaced from the side edges of said sections for dividing said compartments into display and storage compartments.

2,129,397
STORM SASH VENTILATOR
Fred A. Bailey, Omaha, Nebr.
Application October 14, 1937, Serial No. 168,948
2 Claims. (Cl. 98—97)



1. A window storm sash having a slot opening on its bottom, a plurality of passageways extending therethrough to open on the sides and slot of the sash, and a second slot opening on the first named slot, a plurality of spacing-elements in the first named slot, and an apertured strip in the first named slot adapted to engage the spacing-elements and having a handle in the second slot for disposing said strip with its apertures in register with said passageways.

2,129,398
WATER CLOSET
James R. Beam, New Castle, Pa., assignor to Universal Sanitary Manufacturing Co., New Castle, Pa., a corporation of Pennsylvania
Application September 30, 1935, Serial No. 42,966
1 Claim. (Cl. 4—73)



A water closet bowl having a trap with its intake in the well thereof, a jet disposed in the well in facing relation to the intake of the trap but above the plane of the bottom of the well, and a water intake chamber disposed on top of the trap and on the opposite side of the bowl from the jet but above the plane of the latter, the bowl having ducts incorporated therewith to place the intake chamber in communication with the trap, the ducts extending around the bowl from the chamber to the jet at a gradual inclination with no points in their lengths being below the plane of the jet.

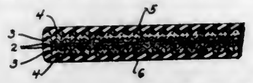
2,129,399
ARTICLE OF MANUFACTURE
Joseph Binder, New York, N. Y.
Application July 19, 1937, Serial No. 154,333
3 Claims. (Cl. 40—126)



1. In combination, a sheet material, a representation of a poster comprising curved lines bounding an area of said sheet and shading thereon creating with said lines the optical impression of a curved surface, advertising indicia applied to the area of the sheet comprising the poster, said indicia being distorted to conform to the apparent curvature of the optically created surface of the poster whereby the impression is given that the advertising indicia is applied on a curved surface other than the physical surface of said sheet material.

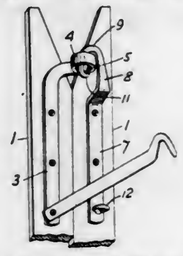
2,129,400
BELT
Emil Blossfeld, Oakland, Calif.
Application August 4, 1937, Serial No. 157,349
2 Claims. (Cl. 74—232)

2. A power transmission belt composed of a center portion of fabric which is closely woven and thin, but of sufficient strength to take the major load or pull to which the belt is subject, a plurality of plies of fabric disposed on opposite sides of the center plies, said plies being of gradually increasingly coarsely woven and thicker



fabric, with the coarsest fabric on the exterior, a vulcanized rubber binder securing the plies with relation to each other, and a rubber covering on the opposite faces of the belt.

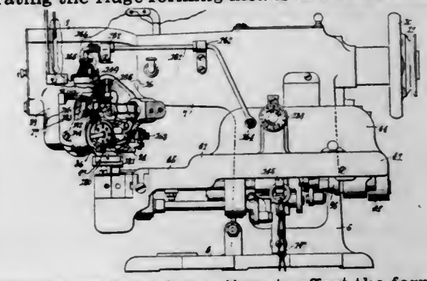
2,129,401
FLEXIBLE UTILITY LADDER
Fred Botinger, Oakford, and Curtis Schreier, Philadelphia, Pa.
Application September 9, 1937, Serial No. 163,024
1 Claim. (Cl. 228—27)



A walking-ladder comprising, sections made up of sides and rungs, and hinge means for firmly, flexibly and detachably securing the ends of the two sections together so as to form an elevated, movable support for a workman or the like, said hinge means comprising, a pair of flat plates adapted for engagement and attachment to the sides of one of said ladder sections; a ring formed at the end of each of said plates and lying in a plane transverse to said section and having the axis of the hole therethrough lying parallel to the larger dimension of said section, the inner surface of said ring surrounding the hole therethrough being curved for co-operation with a contacting element; second flat plates arranged for engagement and attachment with the sides of the other of said sections; an offset portion forming a part of each of said second plates; and a crook bent over from the end of each of said second plates substantially in the plane of said offset portion, the ends of said crooks being spaced from the sides of said offset portion so as to leave an opening therebetween, said ends of said crooks being bent back parallel to said offset portions so as to receive said rings securely but detachably within said crooks.

2,129,402
SEWING MACHINE
Louis G. Bowman, St. Louis, Mo., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo., a corporation of Maine
Application September 27, 1935, Serial No. 42,547
31 Claims. (Cl. 112—178)

1. In a sewing machine for seaming superposed layers of fabric, the combination of fabric feeding means, stitch forming means including a reciprocatory needle, ridge forming means for at times presenting to the needle a ridge of all layers of fabric to form resultant "anchor" stitches, and for at times presenting to the needle a ridge of the superposed layer or layers only to form resultant "skip" stitches, and means for operating the ridge forming means in timed relation



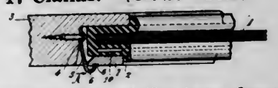
with the needle reciprocations to effect the formation of a plurality of "skip" stitches intervening each two adjacent "anchor" stitches.

2,129,403
CREASE RETAINING MEANS FOR GARMENTS
Louis G. Bowman, St. Louis, Mo., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo., a corporation of Maine
Application October 17, 1936, Serial No. 106,223
4 Claims. (Cl. 2—231)



1. In a garment, a tubular body fabric having an outwardly projecting and longitudinally extending crease, a tape disposed longitudinally along the crease and against the inner face of the body fabric, the tape extending substantially equally on opposite sides of the crease, the central longitudinal portion of the tape forming a ridge projecting towards the crease, and a single line of stitches connecting the tape and body fabric on opposite sides of the crease and including transverse thread portions extending across the crease above the ridge formed in the tape and holding said ridge projected toward the crease.

2,129,404
PANE SECURING MEANS
Ettore Bugatti, Molsheim, France
Application March 12, 1936, Serial No. 68,525
In France March 23, 1935
17 Claims. (Cl. 20—56.4)

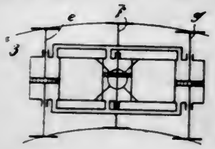


1. In a construction of the type described, the combination of a frame, a pane mounted therein, resilient means interposed between a face of said pane and said frame for backing said pane yieldingly against flatwise pressure, and snap-on means secured to the frame adapted to be forced elastically away from the edge of said pane in a direction parallel to the pane, for holding said pane against the first mentioned means.

2,129,405
TRUCK AND WHEEL TRAIN ESPECIALLY INTENDED FOR RAILROAD VEHICLES
Ettore Bugatti, Molsheim, France
Application May 26, 1936, Serial No. 81,934
In France June 3, 1935
5 Claims. (Cl. 105—171)

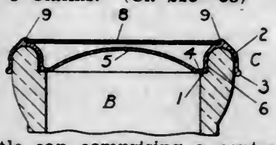
1. In a railway vehicle, the combination of a rigid frame, at least three transverse wheeled axles held in parallel spaced apart relation in

said frame, relatively shiftable with respect to said frame in the transverse direction, and hydraulic means operatively interposed between the



frame and the axles for causing a positive predetermined interdependence of the transverse shifting displacements of said axles with respect to said frame.

2,129,406
MILK BOTTLE CAP
Fred B. Cole, Portland, Oreg.
Application March 5, 1937, Serial No. 129,185
3 Claims. (Cl. 215—38)



1. A bottle cap comprising a central section to rest upon the bottle ledge and close the mouth of the bottle, a channeled rim integral with said central section to surround the pouring lip of the bottle, part of the substance of said rim rising from the crest thereof and being adapted to be bent over to secure a disc in place thereon, and a disc resting upon the top of said rim and extending only to the crest thereof, said disc being secured in place on the rim by bending over said part of the substance.

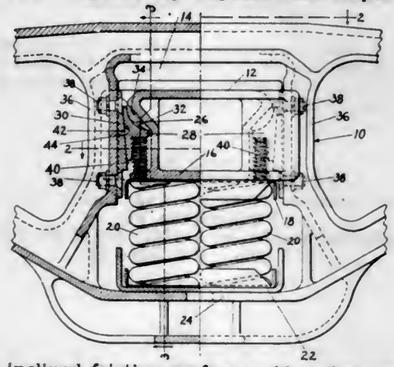
2,129,407
CHAIN AND METHOD OF MAKING THE SAME
Ferdinand H. Dalrymple, Bedford, Ohio
Application February 1, 1938, Serial No. 188,107
31 Claims. (Cl. 59—8)



1. A method of integrally forming a chain element comprising a pin-barrel and a side bar consisting in bending stock into a U-shaped formation and coiling the two ends of the stock into barrel sections whose axes are substantially normal to the general plane of the side bar.

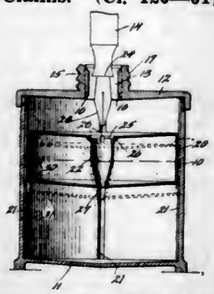
2,129,408
TRUCK STABILIZER
Arthur C. Davidson, Chicago, Ill.
Application July 2, 1936, Serial No. 88,560
12 Claims. (Cl. 105—193)

1. In combination with a bolster, said bolster having an inclined friction surface, a bolster spring, and side frame, stabilizing means cooperatively arranged with the bolster including means on said side frame providing a chafing surface slightly inclined from the vertical with respect to the side frame, wedge means having a complementary surface engaging said chafing surface and cooperatively disposed with respect to



said inclined friction surface, said wedge means being adapted to be forced downwardly and laterally with respect to the bolster in response to downward movement experienced by the bolster, and resilient means cooperatively arranged with respect to said wedge means and the bolster spring to yieldably resist downward movement of said wedge means.

2,129,409
INKWELL
Alfredo Silveira Avila de Melo, Lisbon, Portugal
Application December 30, 1936, Serial No. 118,420
In Portugal September 2, 1936
5 Claims. (Cl. 120—61)

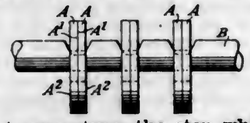


1. A container for writing or like fluids comprising a tubular barrel and bottom, and a float in said barrel, the bottom surface of the float being adapted to bear upon substantially the entire area of the bottom of the container when the container is substantially empty, and the float having a pen point receiving aperture therein opening to the bottom of the float into which the last remaining fluid will be forced by the float when the float reaches its lowermost position.

2,129,410
MANUFACTURE OF ELECTRICAL RECTIFIERS
Philip H. Dowling, Forest Hills, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application October 23, 1935, Serial No. 46,358
22 Claims. (Cl. 175—366)

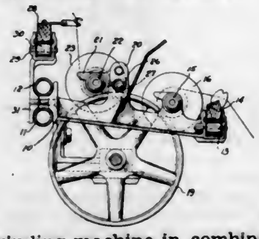
1. In the process of preparing a rectifier element which consists in oxidizing a copper blank

at a temperature of approximately 1860° F., cooling the oxidized blank to a temperature of approximately 1050° F., and then quenching the oxidized blank while the blank is at the last



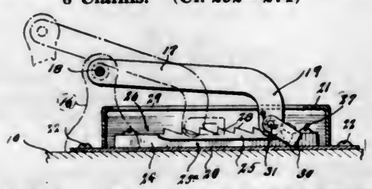
mentioned temperature, the step which consists in retaining the oxidized blank at said last mentioned temperature for a period of time sufficient to materially decrease the resistance of the element in the low resistance direction.

2,129,411
WINDING MACHINE
Elmer R. Duncklee, Mystic, Conn., assignor to The Atwood Machine Company, Stonington, Conn., a corporation of New Jersey
Application September 10, 1935, Serial No. 39,912
2 Claims. (Cl. 242—18)



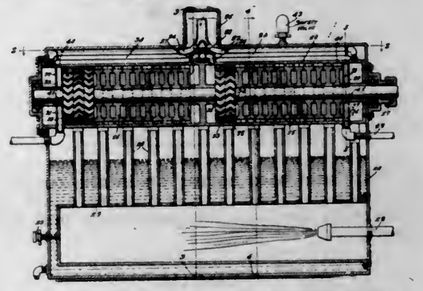
1. In a winding machine in combination, supporting brackets mounted on said machine having fixed bearings adjacent their outer ends for a series of spools being wound, driving wheels rotatably mounted below said brackets for rotating spools thereon, arms pivotally mounted intermediate the ends of said brackets having bearings therein at their free ends for supporting spools of a second series of spools being wound, said second series of spools being driven from said driving wheels for said first series of spools, means to secure said brackets in fixed position relative to said wheels, and means to secure said pivotally mounted arms on said brackets in adjusted positions relative to said wheels.

2,129,412
DEVICE FOR HOLDING HINGED CLOSURES IN OPEN POSITIONS
Harry H. Edele, St. Louis, Mo.
Application November 8, 1937, Serial No. 173,281
6 Claims. (Cl. 292—274)



1. A device of the class described comprising a stationary housing, a ratchet tooth member disposed longitudinally therein, a bracket adapted to be fixed to a hinged closure member, an arm pivotally mounted at one end to said bracket and having its free end extending into said housing a pawl pivotally mounted on said free end for cooperating with said teeth when moved in one direction to hold said closure member in a plurality of open positions, said pawl being displaceable upon the completion of the opening movement of said closure member to move out of locking engagement with said teeth and allow the return movement of said arm and of said closure member.

2,129,413
POWER GENERATING APPARATUS
Eugene M. Evans, Jefferson City, Mo., assignor of one-tenth to Ernest J. Tietjen, Jefferson City, Mo.
Application December 7, 1936, Serial No. 114,707
2 Claims. (Cl. 60—42)



1. Power generating apparatus including a horizontally disposed boiler shell, a combustion chamber extending substantially the full length of the bottom of the shell, a plurality of horizontally disposed turbine type engines within the steam space of the shell and subjected to steam throughout their entire exteriors, heat transfer tubes extending vertically upward from the combustion chamber into the steam space and directing hot gaseous products of combustion against the engines and into the steam space, a steam dome on the shell for collecting and mixing the products of combustion and steam, and steam pipes extending from the steam dome and connecting the engines together in series parallel.

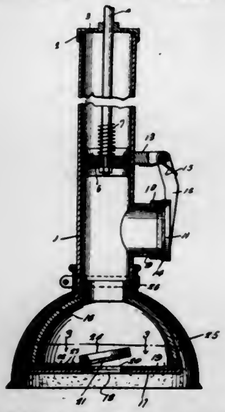
2,129,414
PROCESS FOR TREATING YARNS, FIBERS, AND FILAMENTS
Wendell G. Faw, Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application March 27, 1937, Serial No. 133,426
9 Claims. (Cl. 28—1)

1. The process of conditioning yarn to render it more amenable to textile operations including circular knitting, weaving, spinning and the like which comprises applying thereto a lubricating and softening composition containing beta-methoxy ethyl succinate.

2,129,415
SUCTION PUMP
Abel Fontenot, Fort Benning, Ga.
Application March 9, 1937, Serial No. 129,937
1 Claim. (Cl. 103—153)

A pump of the class described comprising a barrel having an outlet opening, a piston mounted for reciprocation in said barrel, a rigid substantially dome shaped base mounted on one end of the barrel, a dome-shaped flexible suction cup embodying a neck secured to said end of the barrel and enclosing the base, said suction cup being

spaced outwardly from the walls of the base and projecting beyond the bottom of the base, said base constituting an internal support for the suc-



tion cup, said base having an intake opening in its bottom, and an inwardly opening check valve mounted in the base for controlling said intake opening.

2,129,416

BITUMINOUS EMULSION

Benjamin Foster and Carl J. Seydel, Philadelphia, Pa., assignors to Benjamin Foster Company, Philadelphia, Pa., a corporation of Delaware

No Drawing. Application December 24, 1936, Serial No. 117,661

5 Claims. (Cl. 134—1)

1. An aqueous bituminous emulsion, comprising bituminous matter in the internal phase, and water in the external phase, in which an individual colloidal clay slurry is the dispersing agent, said clay slurry having a pH value of about 4.8, and the clay having a settling value in three times its weight of water of from about 0.47 percent to about 0.6 percent, and in which the length of the particles of bituminous matter is between 0.01 mm., and 0.02 mm., and containing between six percent and seventy percent of clay, and between fifty-four percent and fifteen percent of bitumen, with the remainder of water.

2,129,417

END MILL

Carl G. Gase, Parma, Ohio, assignor to Weldon Tool Company, Cleveland, Ohio, a corporation of Ohio

Application March 14, 1936, Serial No. 68,897

4 Claims. (Cl. 29—103)



1. An end mill having a plurality of cutting edges on a lateral end face of said mill comprising, in combination, a fluted member having a body portion and a plurality of fillets extending along the body portion, said fillets having longitudinal cutting edges extending thereon, a lateral cutting edge on the lateral end face of each of said fillets, each said lateral cutting edge being disposed substantially at right angles to the longitudinal axis of said mill and the outer end of each said lateral cutting edge meeting the longitudinal cutting edge of each said fillet to form a substantially sharp cutting corner, the length of each of said lateral cutting edges being substantially limited to the depth of the flutes, said body portion having a depressed portion intermediate of the inner ends of the lateral cutting edges, said depressed portion being shallow adjacent the inner ends of the lateral cutting edges and having a gradual slope and being deeper inwardly towards the longitudinal axis of the end mill.

2,129,418

MILLING TOOL

Carl G. Gase, Parma, Ohio, assignor to Weldon Tool Company, Cleveland, Ohio, a corporation of Ohio

Application September 21, 1936, Serial No. 101,769

6 Claims. (Cl. 29—103)



6. An end mill for cutting a mass and having a plurality of cutting edges on a lateral end face of said mill comprising, in combination, a fluted member having a body portion and a plurality of fillets extending along the body portion, each of said fillets having longitudinal sides converging to form a longitudinal cutting edge extending thereon, a lateral cutting edge on the lateral end face of each of said fillets, each said lateral edge being disposed substantially at right angles to the longitudinal axis of said mill and the outer end of each said lateral cutting edge meeting the longitudinal cutting edge of each said fillet to form a substantially sharp cutting corner, said body portion having a gradually sloping depressed portion on its cutting end intermediate the inner ends of said lateral cutting edges, said depressed portion extending inwardly and gradually rearwardly from the terminus of the valley of each of the flutes and from the inner ends of the lateral cutting edges, the valley of each flute extending toward the cutting end of the mill to a line defined by a plane intersecting the mill at the terminus of, and lying substantially perpendicular to, one of said longitudinal sides of each said fillet to form a valley surface for causing the severed mass cut by the mill to be directed along the flutes and for preventing the said severed mass from moving inwardly from said lateral cutting edges under the body portion of the mill.

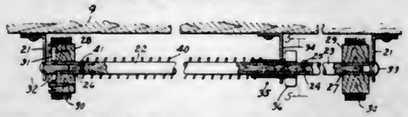
2,129,419

CURTAIN FIXTURE

David T. Graham, Los Angeles, Calif., assignor to Grover C. Graham and George Graham

Application November 9, 1936, Serial No. 109,821

9 Claims. (Cl. 156—27)



8. A curtain fixture comprising spaced end-brackets, a bracket disposed in the space between the end-brackets, a sectional shaft supported by the end-brackets, a ferrule joining the sections together, the ferrule being supported by the in-between bracket, a coiled spring arranged between the in-between bracket and one of the end-brackets and connected to resist rotation of the shaft in one direction and to assist in its rotation in the opposite direction, a pair of opposed spools rigidly mounted on the extremities of the shaft for rotation therewith, a first pin mounted at its one end rotatably in one end of the shaft co-axially therewith and at its other end rigidly mounted in one of the end-brackets, a second pin mounted at its one end rotatably in the other end of the shaft co-axially therewith and at its other end rigidly mounted in the other end-bracket, said second pin having a detent recess therein, and means on a face of one of the spools releasably engageable in the detent recess for optionally locking the shaft against rotation upon the pins.

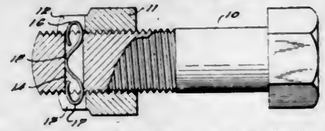
2,129,420

COTTER PIN

Frederick M. Guy, Detroit, Mich., assignor to Guy and Murton, Incorporated, Detroit, Mich., a corporation of Michigan

Application February 18, 1937, Serial No. 126,356

4 Claims. (Cl. 85—8.5)



1. A cotter pin for use in a bolt hole comprising a strip of resilient material formed to provide two symmetrical loops, one on each end of said strip, the ends of the strip in said loops pointing inwardly of the pin along lines crossing the longitudinal axis of the pin between the extremities thereof, whereby self-alignment within the said bolt hole is insured.

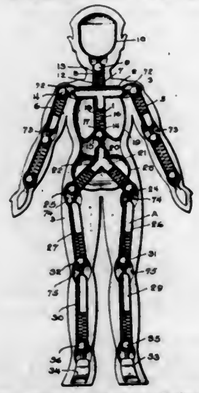
2,129,421

MANIKIN AND METHOD OF MAKING THE SAME

Landy R. Hales, Elmhurst, N. Y.

Application August 11, 1936, Serial No. 95,401

7 Claims. (Cl. 46—156)



1. In combination, a jointed frame skeleton of an animal figure, a hollow sponge rubber covering for said frame skeleton, the outer surface of said covering conforming to the configuration of the animal simulated, the interior of said covering closely fitting the frame members between the joints and having enlarged cavities around the joints to permit free movement thereof.

2,129,422

COMPOUND FOR LUBRICATING WIRE ROPE

James F. Hall, Columbus, Ohio, assignor to The Ironsides Company, Columbus, Ohio, a corporation of Ohio

No Drawing. Application December 17, 1936, Serial No. 116,379

2 Claims. (Cl. 87—9)

1. As a new composition of matter, an amber colored lubricant for metallic cables permitting easy inspection of the same comprising a quick setting adhesive mixture including petroleum oil of a viscosity of the order of 160 seconds Saybolt at 210° F. in the proportion of at least 87% together with stearic acid soap, rosin and rubber cement in the respective ratio of 7:4:2, said composition being fluid at a temperature of the order of 240° F.

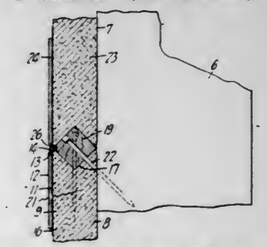
2,129,423

BUILDING CONSTRUCTION

Henry G. Hauch, Oakland, Calif., assignor to Ferro Enameling Company, Oakland, Calif., a co-partnership consisting of Howard L. Brooks and Harold B. Naylor

Application May 29, 1937, Serial No. 145,477

5 Claims. (Cl. 189—86)



1. A building construction unit comprising an enameled stiff metal sheet of predetermined dimensions, and a compressed sheet of insulating material of larger dimensions adhesively united to said sheet, and providing a margin thereabout.

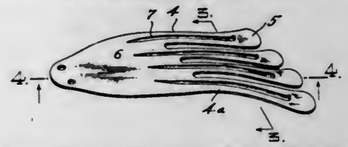
2,129,424

ARCH SUPPORT

Steven J. Jay, Detroit, Mich.

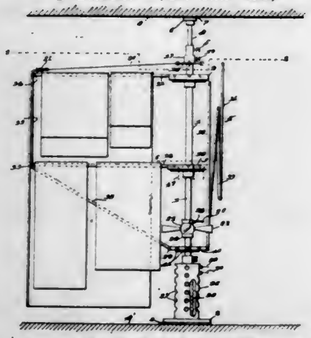
Application May 28, 1936, Serial No. 82,198

2 Claims. (Cl. 36—76)



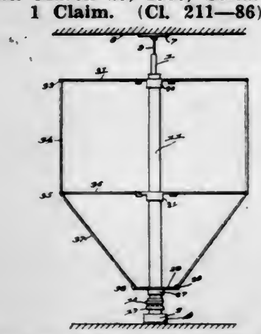
1. An arch support comprising a sheet of metal transversely bowed in form and provided with longitudinally extending fingers at one end and adapted to be attached at its opposite end to the heel of footwear between the inner and outer soles thereof, said fingers being spatulate in form and tapering toward the point of connection with the plate, said fingers being reinforced by forming a rib extending outwardly on the bowed side and extending from the base part way of the length of the fingers providing a stiffened section of the fingers for sustaining the arch of the foot and a more flexible portion for supporting the metatarsal bones of the foot of the wearer of a shoe or boot the said fingers being angularly disposed in relation to the plane of the base portion to provide a surface form in cross section corresponding to the cross sectional form of the sole at the longitudinal arch of the foot.

2,129,425
CLOTHES DRIER
Ransaeller J. Jenks, Lewiston, Idaho
Application February 1, 1937, Serial No. 123,455
1 Claim. (Cl. 211—86)



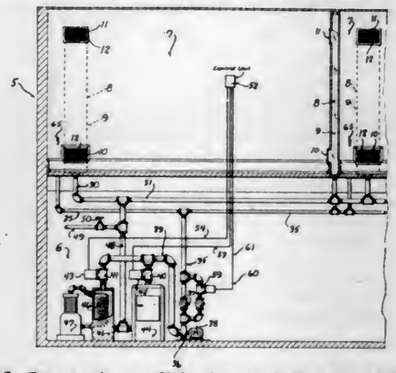
In a compactly foldable clothes drying rack structure, a normally unstable rack supporting standard having means for engaging the floor and ceiling to render said standard stable, rack bar heads mounted on said standard, a series of clothes drying rack entities radiating from said standard and each entity comprising upper and lower substantially horizontal rack bars having their radially inner ends detachably supported on their respective heads, a spacing bar pivoted to the other ends of said rack bars, a supporting bar pivoted to said standard and to the lowermost rack bar to coact with said heads in sustaining said rack bars in a radially extended position, said rack bars being detachable from their heads and being adapted to be folded relatively to each other and said spacing and supporting bars against said heads, and means on one of said heads for holding said folded bars thereagainst.

2,129,426
ROTATABLE CLOTHES DRIER
Ransaeller J. Jenks, Lewiston, Idaho
Application March 29, 1937, Serial No. 133,540
1 Claim. (Cl. 211—86)



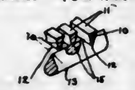
In a clothes drying rack structure, a rod-like standard having a tubular upper end, a U-shaped base having its bight fixed to the lower end of said standard and provided with feet for engagement with the floor to elevate said bight and said base being of yielding material, a ceiling engaging head-plate having a stem telescoping said tubular upper end of said standard, means for securing said stem in any desired extensible relation to said standard to engage said head-plate with the ceiling and impose stress on said yielding base to render said standard stable, a sleeve rotatable on said standard and having its upper end disposed below said means whereby said standard may be adjusted to any height room without interference by said sleeve, an antifriction supporting bearing composed of sections and one section being connected with the lower end of said sleeve and the remaining section being connected with said standard above said yielding base to maintain the lower end of said sleeve in concentric relation with said standard, a centering flange on said standard near the upper end of said sleeve for maintaining the latter concentric with said standard, and collapsible clothes racks mounted on said sleeve whereby said racks may be manually rotated.

2,129,427
AIR CONDITIONING SYSTEM
Richard C. Jepertinger, Milwaukee, Wis., assignor, by mesne assignments, to Modine Manufacturing Company, Racine, Wis., a corporation of Wisconsin
Application August 26, 1935, Serial No. 37,923
12 Claims. (Cl. 257—3)



12. In an air conditioning system, a conditioning unit including a heat exchanger adapted to have a liquid temperature modifying medium circulated therethrough, a turbine motor, an air impeller driven thereby and arranged to move air through the heat exchanger, the discharge of the turbine motor being to the atmosphere, a source of liquid temperature modifying medium under pressure, means for conducting the liquid temperature modifying medium under pressure to the inlet of the heat exchanger, means for conducting the liquid temperature modifying medium from the outlet of the heat exchanger to the inlet of the turbine motor, and means for returning the spent liquid temperature modifying medium at atmospheric pressure back to its source.

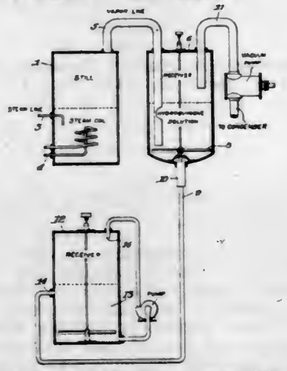
2,129,428
FLAT SCREEN
Edward E. Johnson, St. Paul, Minn., assignor to Edward E. Johnson, Incorporated, St. Paul, Minn.
Original application November 10, 1934, Serial No. 752,383. Divided and this application December 28, 1935, Serial No. 56,494
5 Claims. (Cl. 209—393)



5. A flat screen comprising a multiplicity of longitudinally-extended supporting elements,

each formed with an acute-angled edge, and transverse surface-forming elements each having flat tops and a substantially acute-angled edge, said sets of elements crossing each other angularly with their acute-angled edges welded together at each crossing point and sunk one within the other predetermined equal distances to bring said flat tops in a common plane with the edges thereof spaced suitable distances to form a series of uniform transverse drainage slots.

2,129,429
METHOD FOR THE PREPARATION OF HYDROQUINONE FROM QUINONE
Karl Kleimenhagen, La Salle, Ill., assignor to Carus Chemical Company, a corporation of Illinois
Application July 15, 1937, Serial No. 153,845
5 Claims. (Cl. 260—621)



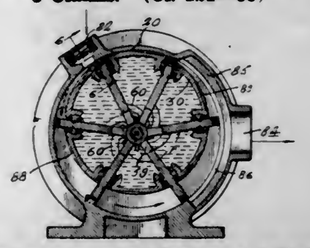
1. The method of forming crystalline hydroquinone which comprises distilling quinone in a vacuum, condensing quinone from the vapors in a hydroquinone solution at a temperature below 35° C. to form quinhydrone, and reducing so formed quinhydrone to hydroquinone and crystallizing hydroquinone so produced.

2,129,430
PERMANENT WAVE PROTECTOR
Morris Krepistman, New York, N. Y.
Application October 6, 1936, Serial No. 104,164
2 Claims. (Cl. 132—49)



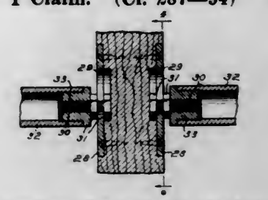
2. In a permanent wave protector as described, a one-piece webbing portion surrounding part of the pate, the cheeks, chin and throat, a forehead cover attached to the front edge of said webbing, a netting attached to the inner end edge of said webbing, two bands at the lower end of said netting attached thereto in different planes, the lower band or ribbon adapted to be folded upon the upper one, both being covered by the upturned lower edge of the netting and stitched thereto, loops attached to said bands at oppositely disposed ends thereof, said loops when pulled in opposite directions drawing the lower edge of the netting firmly against the nape for the protection of the permanent wave when the bands are knotted, while a pull on said loops in the opposite direction after untying the knot will loosen the netting and thus allow a ready removal of the same without disturbance of the permanent wave.

2,129,431
ROTARY ENGINE
Charles F. Lambin, Montreal, Quebec, Canada
Application November 30, 1936, Serial No. 113,421
3 Claims. (Cl. 121—88)



3. In a rotary engine having a cylinder casing, a fixed shaft mounted axially within the cylinder, a radially slotted rotor journalled eccentrically inside the cylinder, and a power take off shaft integral with the rotor, a plurality of radial pistons extending through the rotor slots, bosses secured to the shaft and formed with undercut grooves, and arcuate laterally extending arms projecting inwardly from the pistons and engageable with the grooves of the bosses, whereby the pistons are pivotally secured to the shaft and prevented from twisting in the cylinder casing while retaining limited freedom of angular motion relative to each other.

2,129,432
SEPARABLE JOINT
Walter R. Lipp, Mifflin Township, Allegheny County, Pa.
Application August 6, 1935, Serial No. 34,970
1 Claim. (Cl. 287—54)

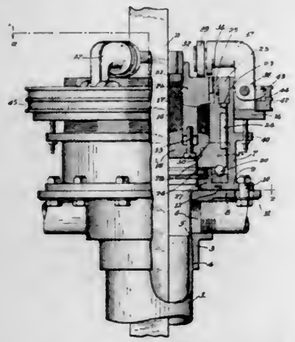


The combination of angularly related members, a plate secured to one member and having a key hole shaped slot, a screw plug fitting the other member, a bolt threaded in said plug, and jam nuts adjustably threaded on said bolt and engageable with opposite sides of the plate when the said bolt is inserted in said key hole shaped slot for separably joining the members with each other.

2,129,433
BLOW-OUT PREVENTER
John W. MacClatchie, Los Angeles, Calif., assignor to MacClatchie Manufacturing Company of California, Compton, Calif., a corporation of California
Application August 18, 1936. Serial No. 96,619
5 Claims. (Cl. 255—1)

1. In combination, cooperating elements one of which is a stationary member adapted for mounting on a well casing and the other of which is a

shell, a mounting for said cooperating elements securing said elements against longitudinal displacement but adapted for lateral and rotational adjustment, and a rotatable packer mounted in said shell, said packer having an opening there-



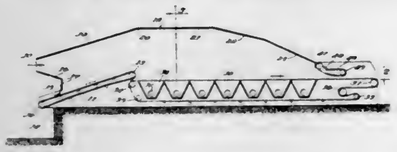
through for a well string and adapted to rotate with said well string, means expensible by pressure fluid for packing off said shell against said stationary member and for packing off said rotatable member against said shell.

2,129,434

ROCK WOOL BLOW CHAMBER

Arthur F. Miller, Jackson, Mich., assignor to Marquette Cement Manufacturing Company, a corporation of Illinois

Application January 25, 1937, Serial No. 122,326
6 Claims. (Cl. 154—27)



1. In a rock wool blow chamber; the combination of means for blowing molten wool rock into a chamber, a foraminous conveyor within the chamber, and a plurality of suction means arranged progressively along the conveyor and operating therethrough, the suction means being adapted to produce a progressively higher vacuum in the direction of movement of the conveyor.

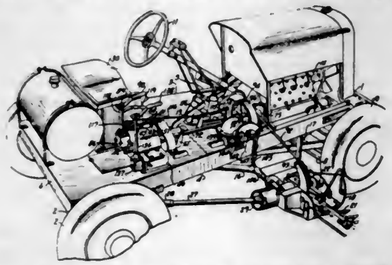
2,129,435

POWER ACTUATED MECHANISM FOR ADJUSTING THE SICKLE OF A MOWING MACHINE

James H. Morris, Topeka, Kans., assignor of one-fourth to Charles L. Meinholdt, one-half to Fred P. Martin, and one-fourth to Charles H. Martin, all of Topeka, Kans.

Application December 14, 1936, Serial No. 115,704
11 Claims. (Cl. 56—25)

1. In a power driven mowing machine including a frame, a sickle pivotally supported from the frame and a power unit for actuating the machine, a winding drum on the frame, a supporting cable having one end connected with the sickle and its other end wound on the drum, means for actuating the winding drum from the power unit, means for selectively rendering said actuating means effective, a brake controlling rotation of the drum, and means releasing the



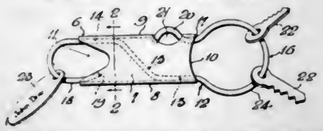
brake when said actuating means is rendered effective.

2,129,436

KEY HOLDER

Chauncey A. Murray, Reliance, Wyo.

Application April 26, 1938, Serial No. 204,449
1 Claim. (Cl. 70—459)



A key holder comprising an elongated sleeve having closely spaced parallel side walls and longitudinal edge walls, and a one-piece wire member extending through said sleeve and having one shank portion contacting slidably with the inner side of one of said edge walls, a second shank portion contacting slidably with the inner side of the other of said edge walls, an oblique intermediate portion connecting the inner ends of said shank portions and lying slidably between said side walls, a relatively large return-bend hook on the outer end of said one shank portion and lying slidably against the inner side of said other edge wall, a relatively small return-bend hook on the outer end of said second shank portion and lying slidably against the inner side of said one edge wall, the bills of both of said hooks terminating in spaced relation with said oblique intermediate portion, the bill of said relatively large hook being provided with an outwardly bowed hump, one end portion of said sleeve being provided with an opening removably receiving said hump to normally hold said wire member and sleeve against relative sliding, said relatively large hook having a shoulder which prohibits sliding of said sleeve toward the bight of this hook until said sleeve is slid over the relatively small hook sufficiently to free said bill of said relatively large hook, said sleeve being then slidable toward said bight of said relatively large hook to entirely clear said relatively small hook, said oblique portion serving to guide said sleeve back onto said relatively small hook.

2,129,437

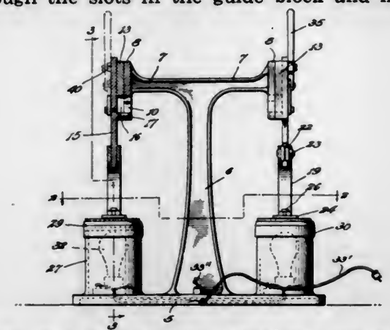
MACHINE FOR CEMENTING PATCHES ON SHOE SOLES

Harry R. Myers, Zanesville, Ohio

Application April 10, 1937, Serial No. 136,193
7 Claims. (Cl. 12—33)

1. A machine of the class described comprising a standard, a stationary slotted head carried by the standard, a slotted guide block pivotally mounted on the head, a plunger movable vertically within the guide block, a shoe supporting

element carried by the plunger, a support disposed beneath the shoe supporting element, a pin carried by the plunger and extending through the slots in the guide block and head



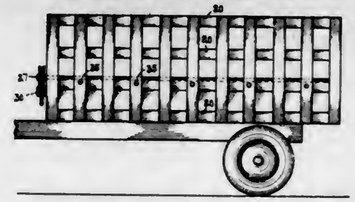
respectively, and a lever operatively connected with the plunger for pressing the supporting element and a shoe carried thereby against the support to cement a patch on said shoe.

2,129,438

CONVERTIBLE VEHICLE BODY

Walter A. Nitsche, South Omaha, Nebr.

Application September 11, 1937, Serial No. 163,406
5 Claims. (Cl. 296—10)



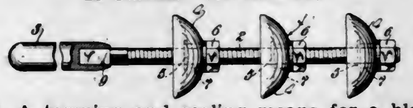
1. In a rectangular convertible vehicle body, a pair of opposed horizontal shafts within and rotatably mounted on the sides of said body, each shaft being provided with a gear wheel and a rectangular wing, a second pair of opposed shafts within and rotatably mounted on the sides of the vehicle body each being disposed in line with a shaft of the first named pair and provided with a rectangular wing, a pair of clutch-members mounted on the shafts of one pair and slidable at will for coupling the second pair with the first named pair of shafts, mechanism on the vehicle body in engagement with said gear wheels for rotating the first named shafts to permit the wings thereof to move to horizontal position and a plurality of cross-bars on the vehicle body for maintaining said wings in said horizontal position.

2,129,439

ANCHORING MEANS.

Warren Noble, Michigan City, Ind., assignor, by mesne assignments, to Cardox Corporation, a corporation of Illinois

Application December 18, 1934, Serial No. 758,077
13 Claims. (Cl. 102—11)



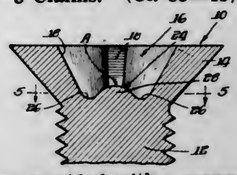
1. A tamping and sealing means for a blast hole comprising a central body having mounted thereon a plurality of concavo-convex rubber cups adapted to grip the walls of the blast hole bore, the opposite faces of each cup being curved on arcs of different radii.

2,129,440

SCREW

Carl G. Olson, Chicago, Ill., assignor to Illinois Tool Works, Chicago, Ill., a corporation of Illinois

Application July 10, 1937, Serial No. 152,961
8 Claims. (Cl. 85—45)



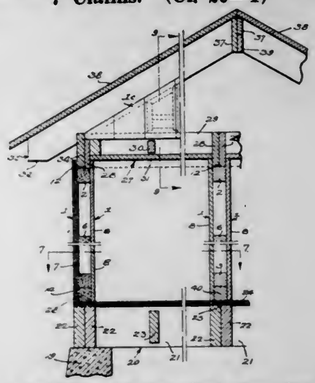
1. A screw provided with a screw driving tool receiving aperture of general cruciform transverse cross-section, and a projection extending into said aperture from the bottom thereof, said projection being generally convex in longitudinal cross-section.

2,129,441

BUILDING

Karl F. Otto, Brookline, Pa.

Application January 8, 1936, Serial No. 58,205
7 Claims. (Cl. 20—1)



1. In a building of the character described, a plurality of wall and partition units having grooves in the top end edges thereof, a ceiling structure comprising a plurality of units each including end and side frame members and sheathing panels, certain of the side and end frame members of said ceiling units being disposed within the grooves in the top end edges of said wall and partition units, and a roof structure comprising a plurality of units each including end and side frame members and sheathing panels, the outer end frame members of oppositely positioned roof units being also disposed within said grooves in the top end edges of the several wall units in at least two opposite exterior walls of the building.

2,129,442

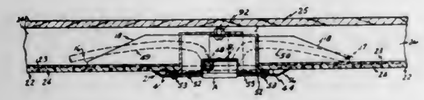
JUNCTION BOX MECHANISM

John Pehlke, Detroit, Mich.

Application March 2, 1936, Serial No. 66,592
2 Claims. (Cl. 247—15)

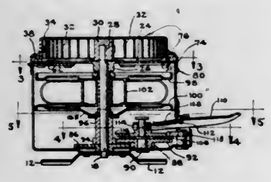
1. In a junction box mechanism for electric cables connected with an electric fixture and

adapted to adjustably fit an opening in a wall structure of a building, the combination of a pair of housings telescopically mounted one within the other to form a chamber having an open side, each of said pair of housings being provided with a pair of flanges adapted to be extended through said opening of said wall structure and to engage an inner surface of said wall structure, said pair of flanges extending longitudinally in planes extending parallel with the side walls of said pair of housings, each of said pair of housings being provided with a third



flange adjacent the open side of said chamber and adapted to engage an outer surface of said wall structure, edge surfaces of said pair of flanges and a side surface of said third flange of each of said pair of housings forming a notch or space therebetween for closely fitting an edge portion of said opening of said wall structure, said pair of housings being provided with openings to permit said electric cables to extend into said chamber formed by said housing and to connect with said fixture, and means for securing said housings together.

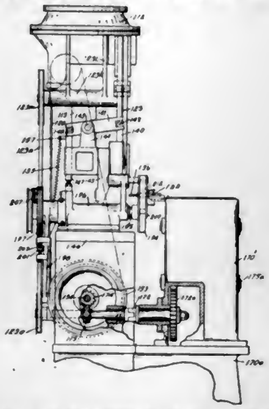
2,129,443
FISHING REEL
Emmett B. Perrine, Minneapolis, Minn.
Application April 4, 1938, Serial No. 199,766
9 Claims. (Cl. 242—84.5)



1. In a fishing reel, the combination of a line spool, a motor spring, driving means between said spring and spool, a rotatable member operating in connection with said driving means, a rotatable brake member concentrically mounted with relation to said rotatable member, means for preventing rotation of said brake member in the direction to wind the line on the spool, means normally holding said brake member in contact with said first rotatable member, and hand operable means for removing said contact.

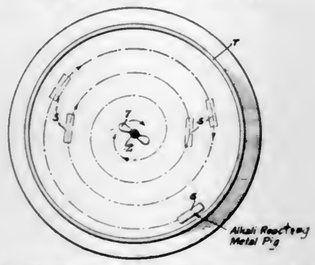
2,129,444
MACHINE FOR FORMING SEPARABLE FASTENERS
Noel Joseph Poux, Meadville, Pa., assignor to Talon, Inc., a corporation of Pennsylvania
Application February 6, 1934, Serial No. 709,980
Renewed January 28, 1938
53 Claims. (Cl. 153—1)

13. In a machine for making separable fasteners, the combination of a pair of complementary dies adapted to receive a pair of partially formed members; a punch operating on the members severing the same; means feeding and guiding a pair of stringers; means imparting oscillating movement to the dies to transfer the punched



members to the stringers; and means securing the members transferred to the stringers.

2,129,445
TREATING IMPURE LEAD AND/OR TIN METAL
Fredrick Rehns, Springfield, Mass., assignor to The American Metal Company, Limited, New York, N. Y., a corporation of New York
Application July 8, 1937, Serial No. 152,655
24 Claims. (Cl. 75—63)

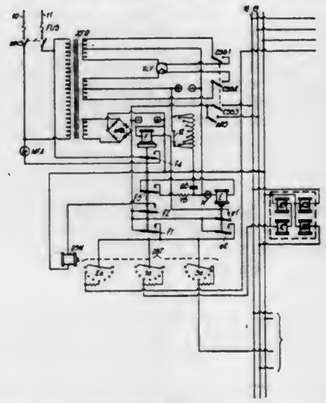


1. In the art of treating impure lead and/or tin metal, the step which consists in floating and causing relative motion between an alkaline-reacting metal and the surface of said impure metal in molten condition and thus causing a reaction between the alkaline-reacting metal and impurity or impurities at a rate such that the heat of reaction is not localized, whereby said metal is gradually incorporated in the impure metal without ignition, to form a removable dross containing the impurity or impurities.

2,129,446
TRAFFIC CONTROL SIGNAL
Percy Bailey Renshaw, Liverpool, England, assignor, by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England
Application June 22, 1933, Serial No. 677,029
In Great Britain June 30, 1932
10 Claims. (Cl. 177—337)

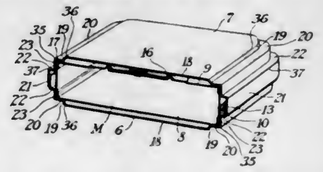
1. A signalling system for interfering lanes at a crossing including signals to accord and interrupt right of way over said lanes, means, when operative, operating to cyclically accord right of way to the respective lanes for periods of time for

the control of traffic, said means including a device for predetermining the time of the beginning and ending of the said periods, a control station, means including timing mechanism at said station for sending spaced impulses spaced



cyclically, the said second cyclic operation being of less duration than the first cyclic operation, and means responsive to said impulses to affect said device to shorten said periods by advancing the time of ending of said periods.

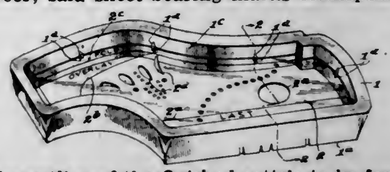
2,129,447
SHIPPING CONTAINER FOR FILM MAGAZINES
William N. Schuler, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application August 13, 1936, Serial No. 95,788
7 Claims. (Cl. 206—1)



3. A shipping container for a substantially rectangular film magazine comprising a closed container having lateral and side walls, supporting surfaces around the entire margins of said lateral and side walls and offset inwardly from said walls, said supporting surfaces adapted to support the film magazine at its edges whereby the magazine is spaced from said lateral and side walls intermediate the supporting surfaces.

2,129,448
CUTTING DIE
Victor W. Short, Kirkwood, N. Y., assignor to Endicott Johnson Corporation, Endicott, N. Y., a corporation of New York
Substitution for application Serial No. 133,701, March 29, 1937. This application September 18, 1937, Serial No. 164,579
18 Claims. (Cl. 164—29)

1. A cutting die comprising an endless contour frame having a cutting edge; and a transparent design sheet conforming with the area bounded by the frame and mounted between the inner walls thereof; said sheet bearing marks corresponding



to the outline of the finished article to be formed from a blank cut by the die.

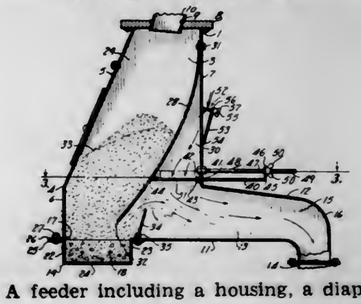
2,129,449
FLOWABLE COMPOSITION COMPRISING A POLYVINYL FORMALDEHYDE ACETAL RESIN
Ralph H. Talbot and Bruce E. Gramkee, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
No Drawing. Application June 28, 1935, Serial No. 28,878
6 Claims. (Cl. 106—22)

1. A flowable composition particularly adapted to the manufacture of transparent films or sheets comprising ethyl formate and a polyvinyl formaldehyde acetal resin, containing a substantial ester group content and a substantial hydroxy group content.

2,129,450
POLYVINYL ACETAL RESIN
Ralph H. Talbot, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
No Drawing. Application June 17, 1936, Serial No. 85,733
18 Claims. (Cl. 260—2)

1. A polyvinyl acetal resin containing a hydroxyl group content equivalent to not more than about 10 per cent by weight of polyvinyl alcohol and an acetal group content equivalent to at least about 90 percent by weight of polyvinyl acetal, the polyvinyl acetal portion of the molecule being made up of from about 60 to about 80 percent by moles of polyvinyl acetaldehyde acetal and the remainder from polyvinyl butyraldehyde acetal.

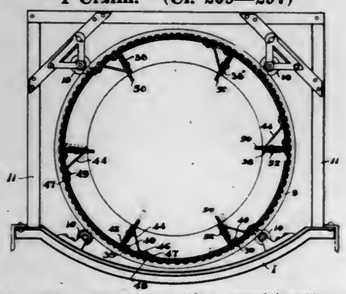
2,129,451
FEEDER
Floyd L. Talmage, Kansas City, Kans., assignor to Ismert-Hincke Milling Company, Kansas City, Mo., a corporation of Kansas
Application May 18, 1936, Serial No. 80,349
4 Claims. (Cl. 209—137)



1. A feeder including a housing, a diaphragm

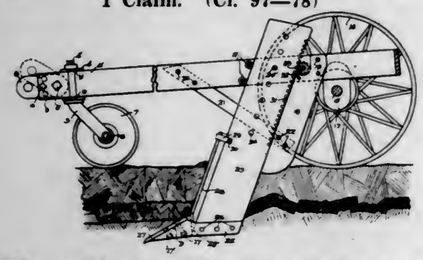
dividing the housing into feed and air chambers and cooperating with a portion of the housing to form a feed opening, an outlet connection on the air chamber side of the housing, means for controlling admission of an air stream to the air chamber for movement across said feed opening and through the outlet connection whereby said air stream effects an inducing action on the material in the feed chamber to effect feed of the material through said outlet connection, and a plate slidable in the housing at a point intermediate the air control means and said outlet connection for selectively adjusting the diaphragm to vary the effective size of the feed opening and having an opening for the passage of said air stream.

2,129,452
GRAIN SEPARATOR
Charles S. Van Sickle, Creston, Wash.; Myra V. Van Sickle administratrix of the estate of said Charles S. Van Sickle, deceased
Application September 30, 1936, Serial No. 103,265
1 Claim. (Cl. 209—297)



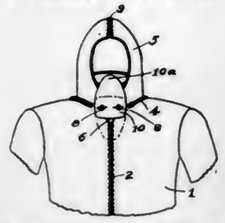
In a grain separator, the combination with a rotary drum-sifter, of a series of tiltable blades arranged within one open end of the drum-sifter, on the inner surface of the drum and extending substantially longitudinally thereof an adjustable blade-section forming an edge-extension on each blade, and means for securing said blade-sections in adjusted position, comprising hinged metallic straps attached to said blades, said straps each having hinged ends and an intermediate diagonal brace, and adjustable means for attaching said ends to the drum sifter.

2,129,453
SOIL DISRUPTER
Charles S. Van Sickle, deceased, late of Creston, Wash., by Myra A. Van Sickle, administratrix, Creston, Wash.
Application April 12, 1937, Serial No. 136,324
1 Claim. (Cl. 97—78)



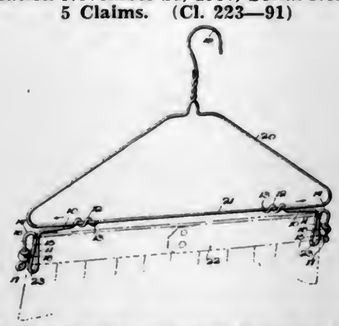
The combination with a frame having an adjusting bolt therethrough, and supporting wheels for said frame, of a plow stock forward of said wheels and having a vertical series of openings therethrough adapted for co-action with said bolt for maintaining the vertical adjustment of the plow and provided with a rack on its rear edge, a depending rear guide plate for the plow stock, the upper portion thereof being rigid with the frame and the lower portion being connected by a diagonally extending brace with said frame and said guide plate having a cut-out portion adjacent the top thereof, an operating shaft journaled in said frame, a pinion mounted on said shaft and positioned within said cut-out portion and operatively engaging said rack, a pair of guide rollers on said frame engaging the forward edge of said stock, a second pinion on said shaft, and a worm gear and its crank shaft meshing with said pinion.

2,129,454
GARMENT WITH DETACHABLE HOOD
Harry Wilkie, Portland, Maine
Application February 18, 1937, Serial No. 136,313
2 Claims. (Cl. 2—84)



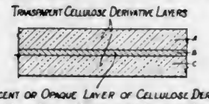
1. A garment comprising in combination a body part having a neck portion on its upper end, a zipper fastener element secured on said neck portion, the ends of said element being separated a distance substantially that of the width of the chin of the person wearing the garment, a hood, a zipper fastening element on said hood, mating with its counterpart on said neck portion, whereby said hood may be attached and detached from said garment, an angular extension on each lower corner of said hood, a loop and a button on each of said extensions, and a flap, having an upwardly extending portion adapted to cover the mouth and nose of the wearer of the garment, said flap being secured to the garment by said buttons.

2,129,455
SKIRT HANGER
Hollace Dale Wisehart and Dellis Lewis Wisehart, Trail, Minn.
Application November 24, 1937, Serial No. 176,336
5 Claims. (Cl. 223—91)



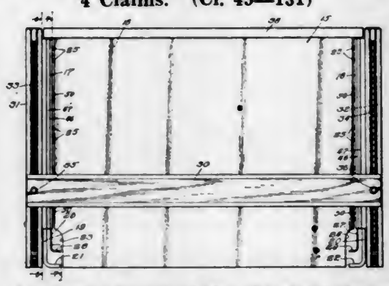
1. A skirt hanger including angularly disposed arms one terminating in a helical coil of few turns but steep pitch to provide an elongated gripping sleeve of a diameter to loosely receive the bottom bar of a coat hanger for slidably connecting the skirt hanger with said bar, and the other of said arms terminating in a skirt engaging clamp, the coil being movable to cant and frictionally grip said bar under the weight of a skirt engaged with said clamp.

2,129,456
COMPOSITE CELLULOSE DERIVATIVE SHEETING
Clarence L. Wynd and William H. Groth, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application October 4, 1934, Serial No. 746,862
6 Claims. (Cl. 154—2)



1. The method of making translucent or opaque cellulose derivative sheeting which comprises coating a transparent cellulose derivative sheet with a thin layer of a cellulose derivative solution and simultaneously coagulating the layer and causing incipient precipitation of the cellulose derivative material therein by evaporating solvent therefrom in the presence of steam, whereby a substantially continuous and permanent translucent or opaque coating is produced on the sheet, and thereafter uniting a transparent cellulose derivative protective layer to the sheet over the precipitated layer.

2,129,457
DRAWING BOARD
Max Kurt von Zimmermann, Elkhart, Ind.
Application September 26, 1935, Serial No. 42,338
4 Claims. (Cl. 45—131)



1. A drawing board of the character described, including: a drawing surface; clamping means adjacent said drawing surface, said means including a clamping surface, a slide member, and a vertically movable jaw member adapted to clamp substantially the entire edge of a sheet of paper in contact with said clamping surface; a slot in said slide member, said slot being at an angle to the motion of said slide; and a projection on said jaw member extending into said slot, whereby longitudinal movement of said slide effectuates positive vertical movement of said jaw member.

2,129,458
SPECTACLES
Frank M. Ashley, Great Kills, Staten Island, N. Y., assignor to Lewis Gompers, New York, N. Y., as trustee
Application April 24, 1936, Serial No. 76,150
3 Claims. (Cl. 88—53)

1. An attachment for eye glasses adapted to be rigidly and detachably connected to the nosepiece of a pair of eye glasses, said attachment including a cross-piece of strip formation having an opening in each end, a return-bent spring arm at

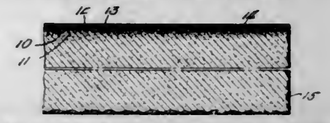


each end of the cross-piece overlying the adjacent opening, and a side clip for each end of the cross-piece having an angle end removably inserted in the opening with the spring arm overlying the angle end for retaining the side clip in position.

2,129,459
LEAK-SEALING AND RUST PREVENTING COMPOSITION
Constant A. Benoit, Brooklyn, N. Y., assignor to Permatex Company, Inc., Brooklyn, N. Y., a corporation of New York
No Drawing. Application April 10, 1935, Serial No. 15,576
9 Claims. (Cl. 134—17.5)

1. A dry composition of matter adapted to form hard and strongly coherent sealing means for liquid leaks in heated metallic conduits and for inhibiting rust formation consisting of a mixture of a glutinous or gelatinous-forming material and a water-soluble chrome salt.

2,129,460
LIMESTONE SLAB AND METHOD OF COLORING SAME
Frederick Bluem and Kurt Bluem, Chicago, Ill.
Application February 5, 1937, Serial No. 124,178
11 Claims. (Cl. 91—68)



1. The method of coloring a limestone slab consisting in thoroughly drying the slab, staining the slab surface to be exposed with a selected color, bonding to the stained surface a plastic, cementitious powdered limestone composition having substantially the same color as the original stain, permitting the composition to dry, applying waterproof varnish to the composition treated surface to smooth the same and provide a glistening surface, and then coating the remaining surfaces of the slab with a solution of paraffin to prevent the ingress of moisture.

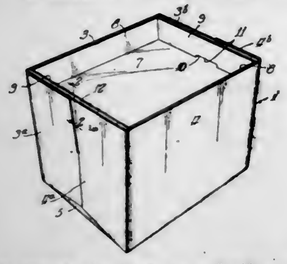
2,129,461
MARBLE SHOOTER
Earl A. Boerger, Miami, Fla.
Application January 19, 1938, Serial No. 185,658
6 Claims. (Cl. 124—10)



1. A marble shooter, comprising a wire frame bent to form pairs of loops disposed in planes at right angles to each other, one pair of loops being spaced apart in parallel relation and the other pair of loops diverging and flaring outwardly from a point substantially equidistant

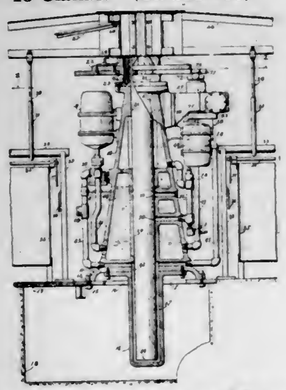
from the ends of the loops, pressure plates carried by said diverging loops, and yielding tongues extending upwardly from said pressure plates to engage and hold a marble between the parallel loops.

2,129,462
CONTAINER
Bradford W. Brown, Northbrook, Ill., assignor to Container Corporation of America, Chicago, Ill., a corporation of Delaware
Application March 23, 1936, Serial No. 70,246
4 Claims. (Cl. 229—45)



4. In a container having a bottom and four side walls and being provided with a closure having upwardly folded flaps thereon, the combination of extensions on the upper edges of two opposed side walls, said extensions being folded inwardly and secured to their respective side walls, and projecting portions disposed on at least two opposite edges of said closure, said projecting portions lying in the plane of said closure and being adapted to be engaged beneath the bottom edges of said extensions to hold said closure in position, said upwardly folded flaps lying loosely in unsecured position against the outer surface of said extensions.

2,129,463
STATION TYPE TREATMENT MACHINE
Edward P. Bullard, III, Fairfield, Conn., assignor to The Bullard Company, a corporation of Connecticut
Application January 28, 1937, Serial No. 122,885
18 Claims. (Cl. 214—86)

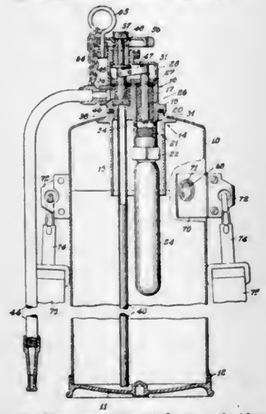


1. In a rotary station type machine, a column, a bore in the column, a vertically reciprocable plunger rotatably mounted in the bore, a fluid reservoir in the column, and means for delivering fluid from said reservoir to the bore to raise the plunger in the bore.

2,129,464
RECOVERY OF SODIUM CHLORIDE AND SODIUM CHLORITE FROM AQUEOUS SOLUTIONS
George Lewis Cunningham, Niagara Falls, N. Y., assignor to The Mathieson Alkali Works, Inc., New York, N. Y., a corporation of Virginia
No Drawing. Application October 6, 1937, Serial No. 167,540
3 Claims. (Cl. 23—85)

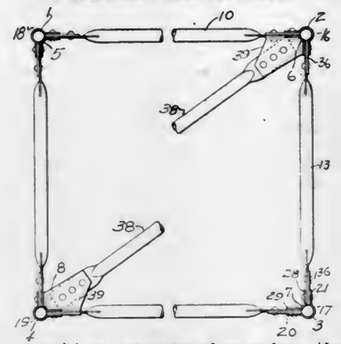
1. In the separate recovery of sodium chlorite and sodium chloride from aqueous solutions containing both salts, the molar ratio $NaCl:NaClO_2$ of the solution not exceeding about 1:1, the improvement which comprises concentrating the solution by evaporation to a point short of but approaching saturation with respect to sodium chloride, precipitating sodium chlorite trihydrate by cooling this concentrated solution to a temperature not exceeding 30° C. and separating precipitated sodium chlorite trihydrate, further concentrating the remaining solution by further evaporation and precipitating sodium chloride by cooling this further concentrated solution to a temperature above that to which it was cooled to precipitate sodium chlorite trihydrate and above that at which sodium chlorite trihydrate begins to precipitate, and separating precipitated sodium chloride.

2,129,465
FIRE EXTINGUISHER
Fred Albert Dodelin, Glen Ridge, N. J., assignor to Pyrene Manufacturing Company, Newark, N. J., a corporation of Delaware
Application April 10, 1937, Serial No. 136,047
1 Claim. (Cl. 169—31)



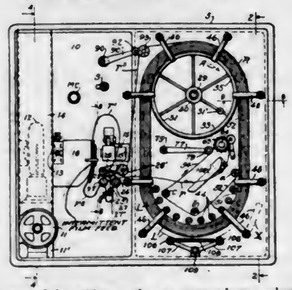
In a liquid fire extinguisher of the cartridge type, a cartridge puncturing and valve actuating head comprising a fitting having a pair of chambers formed therein, a piercer-actuating rod arranged for longitudinal movement within one of said chambers and projecting upwardly therefrom, a valve stem arranged for longitudinal movement within the other of said chambers and projecting upwardly therefrom, a cap-like housing seated on and detachably connected to the upper end of said fitting, a rocker arm pivotally supported above said fitting and within said cap-like housing and pivotally connected at one end to the upper end of said piercer-actuating rod and at the other end to the upper end of said valve stem, a lift rod connected to said valve stem and projecting upwardly through said cap-like housing, an actuating sleeve rotatable on but longitudinally immovable on said lift rod and having a screw-thread connection with the top of said cap-like housing, and a hand wheel rigidly connected to the upper end of said actuating sleeve above said housing for rotating said actuating sleeve and imparting longitudinal movement to said lift rod with resulting movement of said piercer-actuating rod and valve stem in opposite directions.

2,129,466
STRUCTURAL MEMBER
Berlin S. Ferguson, Milwaukee, Wis., assignor to Harnischfeger Corporation, Milwaukee, Wis., a corporation of Wisconsin
Application July 13, 1936, Serial No. 90,364
4 Claims. (Cl. 189—19)



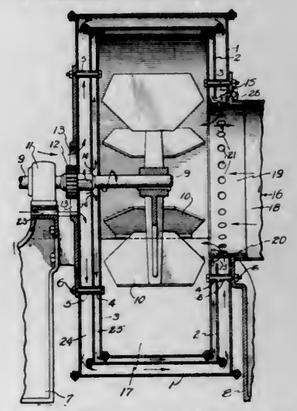
4. In a built-up structural member, the combination comprising tubular longitudinals defining the corners of a polygonal latticed box, said longitudinals being formed of exterior webbed tube segments having webs extending from the segment margins and interior webbed tube segments having webs extending from the segment margin, lattice struts extending between longitudinals and having flattened ends terminating between the faces of said longitudinal segment webs, gusset plates overlapped by the flattened ends of said struts also positioned between said segment webs, and fastening means for securing the faces of said longitudinal segment webs together and for securing the gusset plates and flattened ends of the lattice struts in place between the faces of said longitudinal segment webs.

2,129,467
LOOPED FILM MOTION PICTURE PROJECTOR
Tilghman G. Frederick, Orange, N. J.
Application July 19, 1934, Serial No. 735,990
9 Claims. (Cl. 88—18.7)



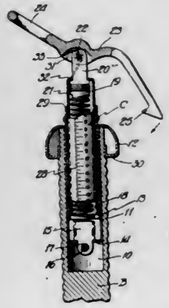
1. The combination, in a moving picture projecting machine with a film feeding means, comprising and having an endless looped film, of a concurrently actuated continuous and intermittent film moving means; said continuous moving means comprising a rotatable supporting wheel of large diameter and wide smooth frictional periphery adapted to gravitationally suspend and feed the endless looped film by its upper loop end and a continuously actuated film driving sprocket located within the lower confines of said loop; the film moving means comprising a plurality of driven sprockets located exteriorly of said loop; one of said rotated sprockets being located offset from said other driving sprockets and from the edge plane of said loop, the others of said sprockets being located within the edge plane of said loop; a projection portion of said endless loop being fed from the lower interior of said endless loop to the upper exterior thereof; means for controlling and feeding said projection portion of said endless loop, including the said constant and film feeding sprockets and a plurality of film guiding rolls located within the lower portion of said endless loop; a film camming means located within the lower portion of said endless loop and adjacent said continuously actuated feeding sprocket, to cause said projection portion of said endless loop to be offset and to be aligned with said offset feeding sprocket; a film projecting means located adjacent said intermittent film feeding means adapted to project said projecting portion of said endless loop and a common drive means, including a motor, for simultaneously driving all of said film feeding and projecting means said machine being free of structure exerting exterior pressure on the film at said wheel, said supporting wheel alone entirely supporting all of said film.

2,129,468
FAN AND BLOWER
George L. Heck, Chicago, Ill.
Application January 10, 1938, Serial No. 184,155
6 Claims. (Cl. 230—209)



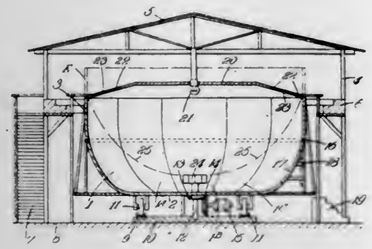
1. A hollow walled fan and blower housing having opposed inlet openings, one of which leads directly into the interior of the housing and the other of which leads to the interior of the hollow wall of said housing, and said housing having means providing communication between the interior of said hollow wall and the interior of said housing at the first-named inlet opening, whereby said housing may be cooled by air circulating through the hollow wall thereof from the last-named inlet opening.

2,129,469
WEIGHING DEVICE
James S. Hedges, Rye, N. Y.
Application October 15, 1936, Serial No. 105,760
2 Claims. (Cl. 265—63)



1. In a weighing scale, a housing having an open end, a shoulder extending around the housing adjacent the open end thereof, a scale member movable with respect to the housing to perform a weighing operation, and means carried by the movable scale member and having engagement with said shoulder to secure the movable scale member relatively to the housing.

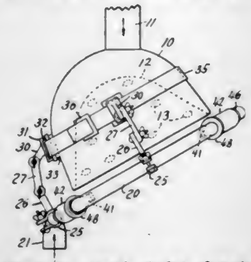
2,129,470
AMUSEMENT APPARATUS
Leif Gösta Hellesen, Stockholm, Sweden
Application March 10, 1937, Serial No. 130,005
6 Claims. (Cl. 104—68)



1. Amusement apparatus comprising a bowl, a closable entrance into said bowl to allow persons to reach the interior thereof, driving means for turning said bowl about a vertical axis, at least one gallery for spectators arranged adjacent the upper part of the bowl, and means for allowing spectators to look into the bowl, said means simultaneously serving to prevent persons within the bowl, from seeing the spectators.

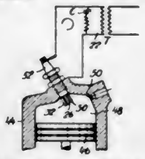
2,129,471
HAIR DRYING APPARATUS
Henry Juengst, New Rochelle, N. Y.
Application April 7, 1937, Serial No. 135,428
7 Claims. (Cl. 34—26)

2. A cooling attachment for hair dryers comprising a tube having an inlet conduit adapted to be connected to a source of cool air supply, a plurality of brackets having means at one end for securing the brackets to said tube and flexible means engaging the other ends of the brackets and adapted to encircle the dryer and secure the



brackets thereto, said tube having openings through which the cool air is discharged.

2,129,472
IGNITION SYSTEM
Alf Lysholm and Erik Lorenz Rudolf Lysholm, Stockholm, Sweden, assignors to Aktiebolaget Milo, Stockholm, Sweden, a corporation of Sweden
Application November 23, 1935, Serial No. 51,231
In Sweden November 24, 1934
3 Claims. (Cl. 123—148)

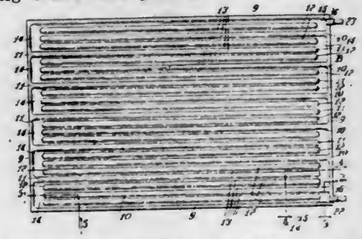


1. The combination with apparatus of the kind in which finely divided fuel is mingled with combustion air with movement of the fuel in a given general direction, of means for igniting the resultant fuel air mixture including a spark plug having elongated electrodes disposed generally transversely of said given general direction of movement and having a length several times the width of the gap between the electrodes, said electrodes having spaced, confronting portions arranged substantially parallel to each other, and electrical means supplying to said electrodes a high tension, high frequency current for producing a spark travelling lengthwise of the electrodes and generally laterally of said given direction of movement of the fuel.

2,129,473
HEAT EXCHANGE ELEMENT
Oliver W. Mojonnier, River Forest, and Harry G. Mojonnier, Oak Park, Ill., assignors to Mojonnier Bros. Co., a corporation of Illinois
Continuation of application Serial No. 724,242, May 7, 1934. This application September 16, 1935, Serial No. 40,820
6 Claims. (Cl. 257—183)

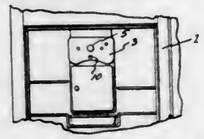
1. A heat exchange element for treating liquids adapted to be positioned upright to receive the liquid at its upper edge and deliver the same at its lower edge, said element comprising two substantially reversely counterpart sheet metal stampings reversely juxtaposed, said stampings having contacting coplanar portions and oppositely bulging portions, said coplanar and bulging portions cooperating to form interior passages for the controlling fluid and wavy exterior surfaces for engaging the liquid in its downward flow, said coplanar portions being arranged in two sets, an outer set and an inner set, the outer

set extending about said inner set and the inner set extending transversely of the direction of travel of the liquid over the element, the individuals of said inner set being positioned in spaced substantially parallel relation to each other, said bulging portions being arranged likewise in two sets, one set extending transversely of said stampings in alternate relation with said transversely extending coplanar portions and forming transverse passages, and the other set



being located at the ends of said first set of passages and forming end passages connecting with said transverse passages, certain of the coplanar portions of the inner set being completely surrounded by bulging positions, said stampings being united along contacting coplanar portions and having suitable inlet and outlet openings communicating with said passages, the outer wavy liquid-engaging surfaces of said stampings being smooth and well rounded at all points.

2,129,474
TEMPERATURE CONTROL FOR REFRIGERATORS
Roland H. Money, Cincinnati, Ohio, assignor to The Crosley Radio Corporation, Cincinnati, Ohio, a corporation of Ohio
Application September 24, 1936, Serial No. 102,373
4 Claims. (Cl. 62—1)



1. In a temperature control for a mechanical refrigerator having an exposed front panel with a rotatable shaft extending through the panel which shaft actuates the temperature control and which shaft carries on its outer end a knob for manual manipulation of the shaft, a disc carrying peripheral graduations denoting the position of the temperature control mounted on said shaft and concealed by said panel, said panel having an opening with which the graduations register at a certain position of peripheral movement, and through which definite settings may be observed, an electric light associated with said temperature control and arranged with a switch to be turned on when the door of the refrigerator is opened, and said disc being translucent whereby the graduations are illuminated as observed through said panel opening.

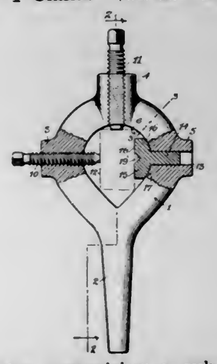
2,129,475
DRAWER PULL
Donald A. Morand, Portland, Oreg.
Application November 18, 1935, Serial No. 50,386
2 Claims. (Cl. 16—111)

1. A drawer pull adapted to be fixedly and nonrotatably fastened to a drawer structure and comprising an elongated liner composed of a base member having a plane face designed to be disposed in opposition to the side of the drawer structure to which the drawer pull is to be applied and a complementary bridge member resting upon the base member and having lateral wall portions disposed at approximately right angles to the plane face of the base member and constituting the sole support for the bridge member, said liner being composed of a plurality of inde-



pendent, loosely associated sections of relatively heavy stamped metal plate of approximately uniform thickness, a casing composed of light sheet metal enclosing said liner upon at least three of its sides and extending under the base member to retain the loose sections of the liner in rigid assembly, and supporting means for said drawer pull located adjacent opposite ends of said base member and disposed a spaced distance inwardly of the lateral edges of said base member.

2,129,476
LATHE DOG
Adolph Carl Pacher, East Hartford, Conn.
Application June 30, 1937, Serial No. 151,122
1 Claim. (Cl. 82—41)

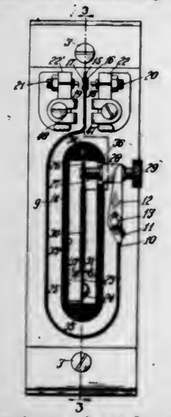


A lathe dog comprising a substantially ring-shaped body having a radially extending bore, a shoe having a body formed with a work-receiving face, an arc-shaped back fitting against the inner wall of said ring-shaped body, and a shank fitting into said bore, a set screw on the diametrically opposite side of said substantially ring-shaped body to said bore, said set screw being adjustable toward and from said bore, and a second set screw carried by said substantially ring-shaped body and adjustable toward and from the center of the substantially ring-shaped body in a direction at an angle to the first mentioned set screw.

2,129,477
ADJUSTABLE METALLIC THERMOSTAT
Paul B. Parks, Oak Park, Ill., assignor to Vapor Car Heating Company, Inc., Chicago, Ill., a corporation of New York
Application September 20, 1937, Serial No. 164,779
12 Claims. (Cl. 200—122)

1. A controlling instrument comprising a control member having an operating portion movable in relation to a relatively fixed portion in response to predetermined changes in atmospheric

conditions, a bi-metallic thermostat having a portion movable in response to temperature changes, means connecting the movable portion of the thermostat with the relatively fixed portion of



the control member, a heat localizing casing enclosing the thermostat, a heater within the casing and intimately associated with the thermostat, and means for adjustably controlling the heat output of the heater.

2,129,478

POLYMERIZATION PROCESS

Otto Röhm, Darmstadt, Germany, assignor to Röhm & Haas Company, Philadelphia, Pa.

No Drawing. Application December 12, 1934, Serial No. 757,171. In Germany December 2, 1933

6 Claims. (Cl. 260—2)

6. In a process of producing polymerized products from undissolved aliphatic esters of acrylic acid and methacrylic acid, the improvement which comprises carrying out the polymerization in the presence of up to 1% of an unsaturated cyclic compound of the terpene series.

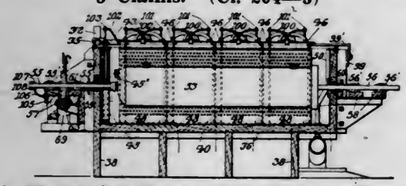
2,129,479

MEANS FOR MAKING SEAMLESS METALLIC CONTAINERS BY ELECTRODEPOSITION

Aylmer O. Ross, Conshohocken, Pa., assignor to Maro Corporation, New York, N. Y., a corporation of New Jersey

Application January 7, 1937, Serial No. 119,494

5 Claims. (Cl. 204—5)



1. Means for the electrolytic formation of a fluid pressure container, including a tapered mold form having a polished cylindrical surface, and an axial screw threaded socket at one end, which is closed, the other end being open; an axial screw driving shaft, detachably engaging said socket and carrying a conduit fitting; means cooperative with said shaft and mold, for tightly holding said fitting on said mold; an axial hub and stud screw fixed in the open end of said mold; a second axial screw shaft having a socket engaging said hub screw; a tank for holding an electrolyte; horizontal axially alined journal bearings, at opposite sides of said tank, respectively supporting said two shafts; means, including a driving gear on said driving shaft, for turning and preventing axial movement of that shaft; the other shaft being axially movable, for permitting its release and removal of said mold from said tank; basket means for holding scrap copper in said tank and electrolyte; and electric circuit means, in which said mold is a cathode and said electrolyte and scrap copper anodes; whereby a self-sustaining shell having an open end and a closed end, with said conduit fitting fixed in the latter, is electrodeposited on the polished surface of said mold and removable with the latter from said tank.

2,129,480

TUBULAR WATCHCASE

Herman Schlacht, Woodhaven, N. Y.

Application April 20, 1934, Serial No. 721,418

8 Claims. (Cl. 58—88)



7. In combination, a casing comprising a plurality of aligned tubular sections adapted for engagement with one another, a watch movement mounted in one of said sections, a face for said movement, said sections arranged so that movement of one or more predetermined sections in one direction will cover the face of the watch movement while movement in another direction will expose it, said watch movement comprising a winding crown projecting outwardly of the cover section.

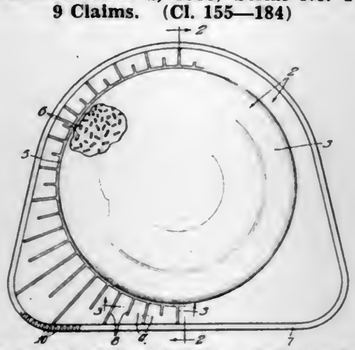
2,129,481

SEAT OR THE LIKE

Frank E. Schumann, Chicago, Ill.

Application October 2, 1936, Serial No. 103,677

9 Claims. (Cl. 155—184)



6. In a seat of the kind described, a relatively stiff paper bottom sheet and a relatively stiff paper cover sheet, the cover sheet being embossed outwardly at a central portion to provide a central cavity and embossed inwardly around the central embossed portion to sharply define the central cavity and to provide gluing faces contacting with the bottom sheet, and filling material disposed between the sheets at said central portion.

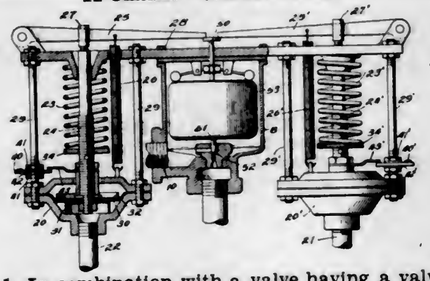
2,129,482

AUTOMATIC CONTROL

Frank W. Severin, Evanston, Ill., assignor to Venn-Severin Machine Co., Chicago, Ill., a corporation of Illinois

Application November 30, 1934, Serial No. 755,291

11 Claims. (Cl. 137—153)



1. In combination with a valve having a valve seat and a valve operator, a lever having abutting engagement with the valve operator so that movement of the lever in one direction closes the valve against its seat but movement in the opposite direction does not operate the valve, relatively light spring means acting through said lever to close said valve against its seat, a rod having abutting engagement with the lever so that movement of the rod in one direction moves the lever in its non-operating direction and movement of the rod in the opposite direction permits the spring biasing means to move the lever in its valve closing direction, fluid pressure means for moving the rod in one direction, and relatively heavy spring means acting against said fluid pressure means independently of the engagement of the lever with said valve for opposing the movement of said rod in said one direction and moving said lever out of abutting engagement with said valve operator.

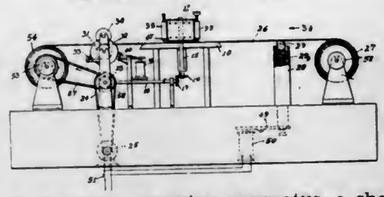
2,129,483

APPARATUS FOR USE IN FACSIMILE TRANSMITTING SYSTEMS

Harry R. Van Deventer, New York, N. Y.

Application January 9, 1936, Serial No. 58,288

11 Claims. (Cl. 178—11)



8. In facsimile scanning apparatus, a sheet, a carrier of magnetic material adapted to traverse said sheet, and means including a magnetic element positioned adjacent said carrier whereby the same may be stopped by an increase in magnet flux in said means.

2,129,484

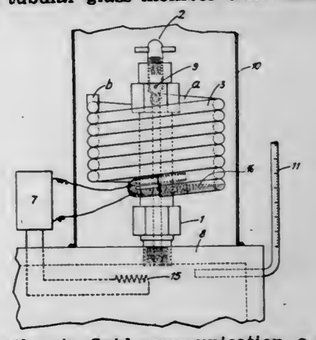
TEMPERATURE CONTROL DEVICE

Lloyd L. Young, Patchogue, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Application July 10, 1935, Serial No. 30,671

9 Claims. (Cl. 200—140)

1. A temperature control switch for controlling the temperature of a device, said switch comprising a spiral wound tube located above said device, a central support tube located within said spiral wound tube and in fluid communication with said device, said spiral wound tube comprising two parallel tubes, the lower end of said tubes having a tubular glass member connecting said



tubes together in fluid communication, a pair of contacts retained within said glass tube to break an electrical circuit when a desired temperature changes within said device.

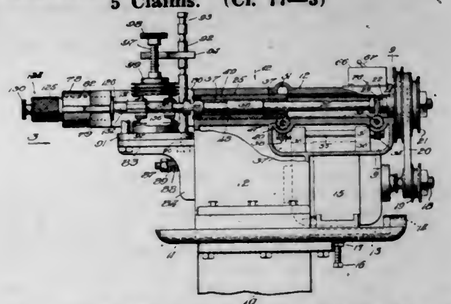
2,129,485

BORING MACHINE

Herman W. Zimmerman, Chicago, Ill., assignor to Automotive Maintenance Machinery Co., Chicago, Ill., a corporation of Illinois

Application March 8, 1935, Serial No. 9,989

5 Claims. (Cl. 77—3)



1. In a machine for reboring a hole in a previously bored part, the combination of a work head having an end face and a bearing normal to the end face, a bracket secured to the end face and including a bearing in axial alignment with the work head bearing, a spindle reciprocably journaled in the work head bearing and having one end adapted to extend beyond the end face, the spindle end having a cylindrical pocket whose axis is aligned with the spindle axis, a centering device having its ends journaled in the bracket bearing and pocket and its intermediate portion extending through the hole of the part to be rebored, the portion having parts engageable with the wall of the hole for substantially the length thereof to axially align the hole with the axes of both bearings, and a work holder adjustable along the end face for clamping the part in the aligned position.

2,129,486

GARMENT

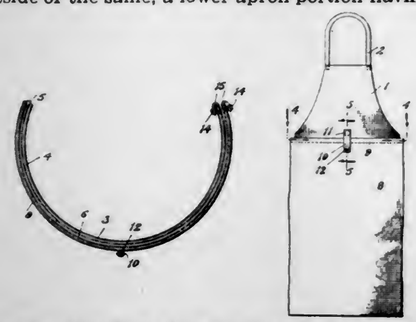
Hyman Berman, New York, N. Y.

Application December 1, 1937, Serial No. 177,421

5 Claims. (Cl. 2—51)

3. A garment of the character described comprising, an apron or like protective garment having an upper portion terminating at substantially

waistline position, the lower end of said portion having a pocket extending for the length of said lower end, a body-embracing spring clip having a portion contained in said pocket and having another portion disposed along the pocket on the outside of the same, a lower apron portion having



a pocket extending along its upper edge for the reception of the last mentioned part of the spring clip, and a tab extending downwardly from the upper apron portion and having means for detachably engaging and aiding in the support of the lower apron portion.

2,129,487

ADJUSTABLE MEANS FOR ATTACHING QUILTS, BLANKETS, ETC., TO CRIBS

Arthur Bleier, New York, N. Y.

Application August 25, 1936, Serial No. 97,719

2 Claims. (Cl. 5—320)



1. In a device of the class described, a bed cover for use on a crib having vertical side rods, strips attached longitudinally of and on said bed cover along the side portions thereof, cords threaded through openings in said strips and having their ends tied together by which loop portions may be formed along the length of said strip by drawing in and letting out portions of said cords, fastening elements engaging through said loop portions at one of their ends and adapted to be connected with said rods at the other of their ends.

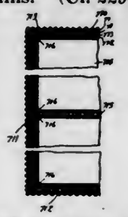
2,129,488

INDENTED PAPERBOARD ARTICLE

George E. Bomberger, Indianapolis, Ind., assignor to Inland Container Corporation, Indianapolis, Ind., a corporation

Application March 30, 1934, Serial No. 718,104

19 Claims. (Cl. 229—3.5)



11. A paper board container, including side and end walls and a top and a bottom all formed from a sheet of paper board including a non-flat exterior layer, a non-flat intermediate layer and an innermost indented liner having indentations substantially throughout the area thereof, each indentation being materially less in area than the cross-sectional area of a chime-ended can in the container and spaced apart sufficiently to nest a portion of the chime therebetween, said indented portion being adapted to engage adjacent chime ends of a plurality of adjacent cans to lock said cans against displacement when packaged in said container irrespective of the indentation outline.

2,129,489

BALL AMUSEMENT DEVICE

Alexander Brown, Brooklyn, N. Y.

Application February 4, 1937, Serial No. 123,949

5 Claims. (Cl. 273—95)



1. A ball amusement device comprising a body with a concave top wall, a tube axially on said top wall and slightly spaced therefrom, a brace for holding said tube, a compressed air compartment in said body with a discharge for supplying air blown through said tube, a screen over said discharge light balls adapted to be blown through said tube by said air discharge and up from said concave wall and roll upon said screen and then be blown up through the tube again, and a plurality of strips extended vertically across the space between the bottom of the tube and said discharge, said strips being adjustably mounted so that they may be shifted to different relative positions and comprise retards for the return of the balls.

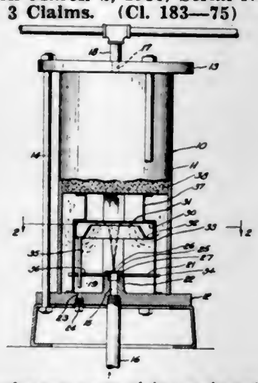
2,129,490

GAS CLEANER

William L. Buchs, Kenmore, N. Y., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y.

Application March 2, 1936, Serial No. 66,567

3 Claims. (Cl. 183—75)



3. A gas cleaner comprising a housing having a chamber therein, a supply passage communicating with the lower end of the chamber, a vertical nozzle in the end of the passage for directing a vertical jet into the chamber, a gas delivery passage communicating with the chamber at a point remote from the nozzle, a plate, means for suspending the plate in the chamber transversely of the jet and in spaced relation to the nozzle, said plate having a central portion adapted to be impinged by the jet and a peripheral depending trough, said trough being spaced concentrically from the contact area of the jet, a sump chamber, and a drain leading from the trough to the sump chamber.

2,129,491

LOCKET

Lewis S. Chilson, Attleboro, Mass., assignor to J. M. Fisher Company, a corporation of Rhode Island

Application February 16, 1938, Serial No. 190,766

4 Claims. (Cl. 63—19)



3. In a locket, a pair of rectangular members, a hinge for connecting said members together, a rectangular frame in each member having a raised center portion and an outwardly extending edge on three sides in a single plane back of the center portion, the fourth side edge being positioned beneath said hinge, and an inturned lip on each member extending over the said outwardly extending edge of said frame and also back of said raised center portion to mount the frame in position in the member without the use of solder.

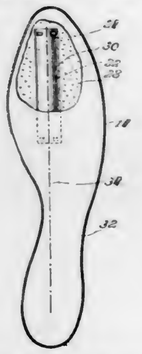
2,129,492

SHOE

Arthur O. Dahlberg, Washington, D. C.

Application July 5, 1935, Serial No. 29,799

12 Claims. (Cl. 36—8.5)



1. In a shoe, a sole structure having secured therein a thin, resilient, metallic strip arcuate upwardly in transverse cross section and extending from a point adjacent to the toe portion of the shoe to the mid portion of the shank, said strip being effective in its undistorted condition to hold the sole and upper of the shoe in its original shape.

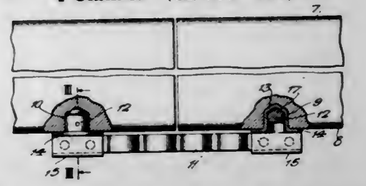
2,129,493

RAIL BOND

Edward M. Deems, Forest Hills, N. Y., assignor to Railroad Accessories Corporation, New York, N. Y., a corporation of New York

Application December 15, 1932, Serial No. 647,308

4 Claims. (Cl. 173—280)



1. A metal rail bond comprising a thimble-like body so constructed and arranged as to be expandible within a complemental recess, said body having a closed inner end and an open outer end, and an enlarged rim portion surrounding the open end of said body and integral with the body, said rim portion having an elongated conductor-engaging part arranged tangentially with respect to the annular wall of the thimble, and positioned forwardly with respect to the plane of the open end thereof, said tangential part having a longitudinally disposed return bend terminating in a free edge and so constructed and arranged as to provide a conductor-receiving recess.

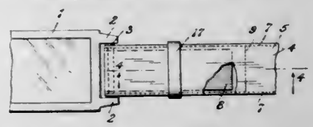
2,129,494

WRIST BAND ATTACHING MEANS FOR WRIST WATCHES

Julius Dinhofer, New York, N. Y.

Application January 20, 1938, Serial No. 185,831

6 Claims. (Cl. 24—265)



4. A device of the character described comprising a wrist band composed of two plies stitched together, a flat strip of metal disposed between the plies, one of the plies having an opening through which a portion of said strip is exposed, a loop member extending around the band, and spaced projections on the exposed portion of the strip between which the loop is engaged when said loop overlies the exposed portion of the strip.

2,129,495

CONTROL EQUIPMENT STORAGE CABINET

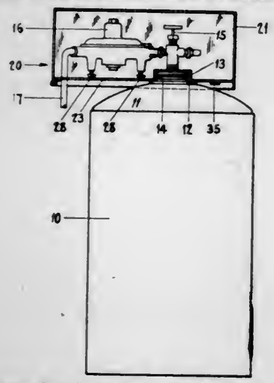
William L. Hauck, Breton Woods, Osbornsville, N. J.

Application September 18, 1937, Serial No. 164,547

6 Claims. (Cl. 221—73.5)

5. In a mechanism of the class described, the combination with a gas tank having projecting means at one end providing an annular recess and having gas control equipment mounted in overhanging relation with said means, a cabinet for supporting and enclosing said equipment in protecting relation, said cabinet comprising an integral top and side wall member and a detachable bottom, said bottom having an opening

forming a bifurcation adapted for receiving said annular recessed means in interlocking relation,



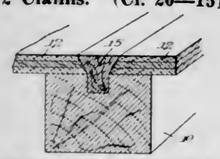
and means for locking said bottom to said top member of said cabinet.

2,129,496
FINGERNAIL PROTECTOR FOR SWITCHBOARD OPERATORS
Alice Hollingsworth, New York, N. Y.
Application September 4, 1937, Serial No. 162,454
2 Claims. (Cl. 2—21)



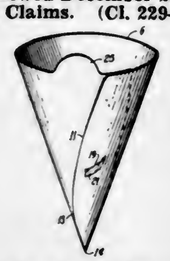
1. A finger nail protector particularly intended for switchboard operators, comprising an elastic sheath for engaging over the top end of one's fingers to about the first knuckle so as to completely encase one's finger nail, and said sheath being formed with an opening on the side opposed to said finger nail so as to expose the finger tip to permit feeling of objects through said opening, and said sheath being formed with a slit in its outer end transversely of said opening and normally transversely of one's finger nail, whereby the sheath may be turned on one's finger to a position in which the finger nail will extend through said slit.

2,129,497
SPLINE PANEL JOINT
Erwin A. Horn, Seattle, Wash., assignor to I. F. Laucks, Seattle, Wash.
Application December 20, 1937, Serial No. 180,890
2 Claims. (Cl. 20—15)



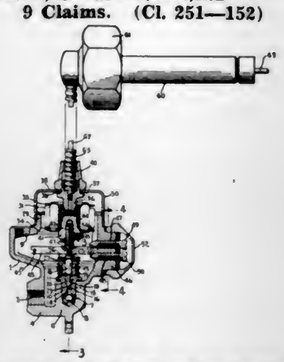
1. Wall structure of wood or the like comprising facing panels having spaced-apart edges, a common supporting framing member behind said panels and lapping the adjacent margins of the latter, said margins being in the same plane, means securing said margins to said member, said member having a recess between said panel edges so that an outwardly unrestricted groove of uniform cross-section is provided having boundary surfaces including the lateral walls of said recess and the panel edges, and a spline secured in said groove and filling the same cross-sectionally, said spline having an exposed front surface forming a part of the face of the wall structure.

2,129,498
CONICAL PAPER CUP
Frederick T. Krein and Torris H. Alfreds, Park Ridge, Ill., assignors, by direct and mesne assignments, to Dixie-Vortex Company, Chicago, Ill., a corporation of Delaware
Application September 30, 1935, Serial No. 42,768
Renewed December 20, 1937
10 Claims. (Cl. 229—1.5)



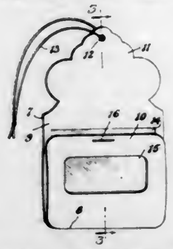
9. As an article of manufacture, a conical-like cup for receiving and having frozen therein an edible confection such as ice cream comprising a paper blank rolled into conical form with overlapped margins and having interlocked portions for temporarily holding the margins together throughout their length until ice cream is frozen therein and being readily separable upon the peeling of one of the margins off of the frozen mass to remove the cup therefrom, one of said overlapped margins projecting beyond said interlocked portions for forming a tearing tab which extends substantially from the mouth of the cup to its lower end.

2,129,499
CONTROL DEVICE
Walter S. Landon, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan
Original application October 24, 1935, Serial No. 46,480. Divided and this application November 25, 1936, Serial No. 112,821
9 Claims. (Cl. 251—152)



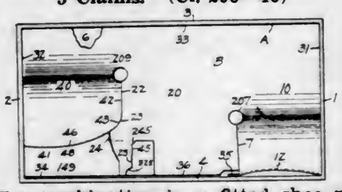
1. In a control device, a casing having an inlet and an outlet, a valve controlling flow through said casing, a lever having a fulcrum support and cooperable with and for actuating said valve, a pair of laterally positioned stop members adjustably supported in a wall of said casing and projecting therefrom, said stop members having their inner end portions tapered and positioned on the opposite sides of said lever to limit movement thereof in opposite directions, a cover member overlying and protecting the external ends of said stop members, and means cooperable with said casing and securing said cover member thereto.

2,129,500
TAG
Jesse Levine, New York, N. Y.
Application October 9, 1937, Serial No. 168,109
8 Claims. (Cl. 229—74)



7. A tag comprising, an envelope provided with a closure flap, a folded carrying strip embracing said envelope between its folds, fastening means for holding the folds of said strip in their folded relationship, said fastening means also holding the closure flap of the envelope in closed position, one of the folds of the strip having an aperture through which a portion of the envelope is exposed.

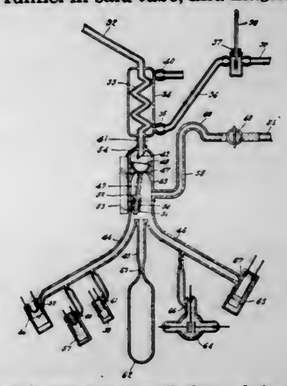
2,129,501
FITTED SHOE PACKING BOX
Gordon Mann, Winchester, Mass.
Application August 30, 1935, Serial No. 38,551
5 Claims. (Cl. 206—46)



1. The combination in a fitted shoe packing box which includes a cover and sides; of a bottom which includes a supporting member made from a flat blank with its parts so bent that it is of substantially rectangular shape and fits the bottom, said blank having at one end a wing which is bent upwardly and is supported by a flap bent from the wing along a curved crease, a middle part of substantially the width of the first wing without the flap and having a locking slot in its edge, and another wing at the other end which is bent up and has a double flap bent down from the wing on a curved crease and is then bent outwardly on a straight crease, said flap *b* having a locking slot which engages the locking slot in the middle part.

2,129,502
LIQUID DISTRIBUTION APPARATUS
Harold J. McCreary, Genoa, Ill., assignor to Chicago Television & Research Laboratories, Inc., a corporation of Illinois
Original application September 20, 1935, Serial No. 41,366. Divided and this application July 24, 1937, Serial No. 155,497
2 Claims. (Cl. 23—259)

2. A device for drawing off a processed liquid into a plurality of vessels, including a tube to which said vessels are connected, a tiltably mounted funnel in said tube, and magnetic means



for causing tilting of said funnel to selectively discharge into said vessels.

2,129,503
TRAFFIC GUIDE
Michael A. Mulieri, New York, N. Y.
Application April 10, 1937, Serial No. 136,061
1 Claim. (Cl. 94—1.5)



In a roadway, a traffic guide comprising a plurality of oblong sections arranged end to end, each of said sections having a base portion embedded in the roadway and an integral portion projecting above the surface of the roadway a distance less than the radius of a road wheel, a narrow outwardly extending flange at opposite sides of the top of each section, the side walls of each section being recessive betweeen said flanges and the surface of the roadway, whereby a vehicle wheel impinging against a side of the guide can abut only against said flanges, upper end portions of certain of said sections being beveled, the slope of said beveled portions being substantially tangential to the periphery of a vehicle road wheel.

2,129,504
TEXTILE
Karl E. Prindle, Shaker Heights, Ohio, assignor to The Dobeckmun Company, Cleveland, Ohio, a corporation of Ohio
Application December 7, 1937, Serial No. 178,495
8 Claims. (Cl. 139—420)

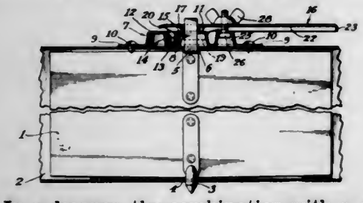
1. A textile fabric containing threads formed of a flat, relatively narrow, cut, laminated material containing a narrow strip of metal foil interposed

between narrow strips of transparent cellulose acetate, the cut edges of said laminated material



being uncoated, said strips being coextensive and thermoplastically secured together by a transparent and flexible adhesive.

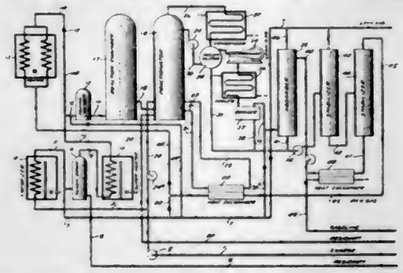
2,129,505
DAMPER CONTROL DEVICE
Heyman Rosenberg, New York, N. Y.
Application August 18, 1937, Serial No. 159,703
4 Claims. (Cl. 126—295)



2. In a damper, the combination with a damper blade and a square stem therefor, of a dial plate having a central circular opening through which the damper stem passes and a central boss surrounding the opening and formed with a sloping external bearing wall, of a handle for the damper stem having sliding engagement with the stem and formed as a unitary sheet metal stamping, said handle including a pointer for cooperating with the dial plate, a square flange slidingly fitting the damper stem and having extended engagement with the stem, opposed depending arcuate flange segments for cooperating with the dial plate boss to guide and steady the handle, an operating portion extending outward across the dial plate, and depending flanges reinforcing the operating portion of the handle and resting on the dial plate, and clamping means carried by the handle and including a clamping bolt which passes through a portion of the dial plate for pressing said reinforcing flanges into gripping engagement with the dial plate.

2,129,506
METHOD OF HYDROCARBON OIL CONVERSION
Albert P. Sachs, New York, N. Y., assignor to Petroleum Conversion Corporation, New York, N. Y., a corporation of Delaware
Application September 28, 1937, Serial No. 166,046
5 Claims. (Cl. 196—10)

1. In a system of converting hydrocarbon oils in which the oil to be converted is first vaporized and the final conversion brought about by admixing the vapor with a heat carrier comprising hot gas of the type produced in the conversion system, the method of enriching the gasoline produced by polymerization of gaseous hydrocarbons containing C_3, C_4, C_5 compounds principally, which consists in recovering crude gasoline from the products of the reaction by condensation, leaving a residual gas with which are admixed vapors of fractions boiling below the gasoline range, subjecting the gaseous mixture to the action of an at least partially stabilized gasoline menstruum in an absorber under pressure conditions enabling said menstruum to dissolve a substantial quantity of the rich C_3, C_4, C_5 fractions, withdrawing the enriched menstruum from the absorber, passing it to a first stabilizer of a stabilizing system wherein lean gas which was dissolved along with the rich fractions is released, then to a second stabilizer of said system last mentioned wherein said rich fractions are released, heating said rich gaseous fractions in excess of 1,000° F. thereby causing polymerization of the polymerizable constituents, and utilizing



said heated polymerized gas as said heat carrier for the conversion of fresh quantities of hydrocarbons by admixture with the vapors thereof, passing the produced crude gasoline to said stabilizer system to stabilize same, and withdrawing from said stabilizer system some of the gasoline stabilized therein and returning same to said absorber to constitute the absorption menstruum and delivering from said stabilizer system stabilized gasoline as a main product of the hydrocarbon conversion system.

2,129,507
CATALYST AND CATALYTIC PROCESS
Paul Lawrence Salzberg, Carrcroft, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 30, 1936, Serial No. 93,417
17 Claims. (Cl. 260—54)

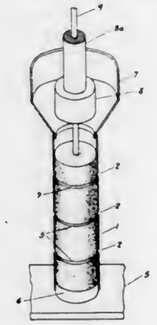
1. In the process of hydrogenating a carbon compound capable of hydrogenation, the step which comprises subjecting said compound to the action of hydrogen under pressure in the presence of a catalyst prepared by igniting a multiple chromate of a nitrogen base and a hydrogenating metal whose oxides and hydroxides are soluble in ammonia in the presence of ammonium salts and thereafter extracting the resulting chromite composition with an aqueous solution of ammonia and a soluble ammonium salt.

5. In the process of hydrogenating furfural the step which comprises subjecting furfural to the action of hydrogen under pressure in the presence of a catalyst prepared by heating to its decomposition temperature a multiple chromate of ammonia and a hydrogenating metal whose oxides and hydroxides are soluble in ammonia in the presence of ammonium salts and thereafter treating the resulting chromite composition with an aqueous solution of ammonia and a soluble ammonium salt.

6. The process of claim 1 in which the hydrogenating metal is copper.

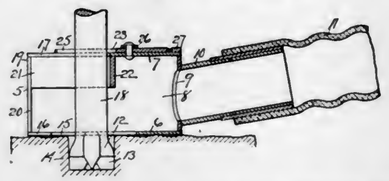
11. The method of preparing a catalyst which comprises heating to its spontaneous decomposition temperature a multiple chromate of ammonia and copper and thereafter extracting the less active constituents from the resulting chromite compositions with a solution of ammonia and an ammonium salt, said solution being at least in part the mother liquor resulting from the precipitation of the multiple chromate, and utilizing at least a part of the ammoniacal liquor resulting from extracting the chromite composition with said solution of ammonia and an ammonium salt for precipitation of the multiple chromate of ammonia and copper.

2,129,508
MOLDED EXPLOSIVE
James E. Slusser, Suscon, Pa., assignor to Atlas Powder Company, Wilmington, Del., a corporation of Delaware
Application May 23, 1935, Serial No. 23,012
28 Claims. (Cl. 36—20)



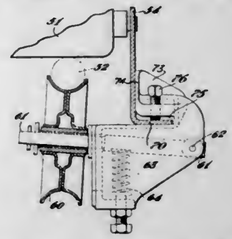
1. An explosive cartridge comprising molded explosive composition and at least a portion of the original mold, said mold portion comprising a substantially cylindrical envelope having at least one peripheral line of indenture spaced from the ends of the cartridge and along which the strength of the envelope is materially reduced, said line of indenture scoring the explosive composition molded therein and defining a zone of weakness where the cartridge may be easily broken into sections.

2,129,509
ROCK DRILL HOOD
Lester C. Smith, West Hartford, Conn., assignor to The Spencer Turbine Company, Hartford, Conn., a corporation of Connecticut
Application June 13, 1938, Serial No. 213,408
4 Claims. (Cl. 255—50)



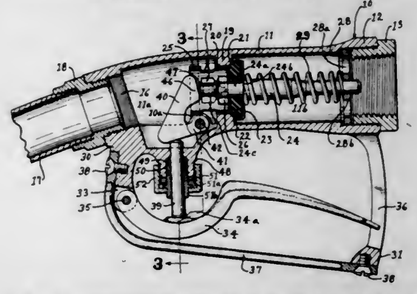
1. A rock drill hood including a case having an outlet opening and also having an inlet opening for admission of air through the side wall of the case, said inlet opening being of a size to permit admission of a drill shank by sliding movement of the case to engage said shank, and means secured to said case and arranged for automatic engagement of said drill shank by said sliding movement to removably hold the case engaged with said shank.

2,129,510
CONVEYER MECHANISM
William J. Taylor, Syracuse, N. Y., assignor to The Lamson Company, Syracuse, N. Y., a corporation of Massachusetts
Original application July 30, 1935, Serial No. 33,847. Divided and this application January 21, 1936, Serial No. 60,009
2 Claims. (Cl. 198—127)



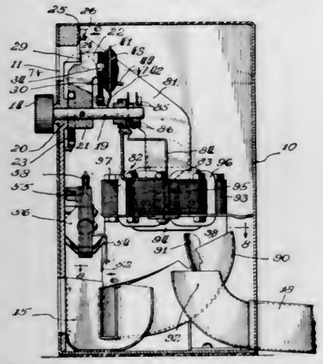
1. In a live roller conveyer mechanism comprising a plurality of article transporting rollers and a driving cable one run of which is in contact with and rotates the rollers, means for holding the cable in contact with the rollers, comprising a bracket, a post pivotally supported upon a fulcrum in said bracket, a freely rotatable sheave mounted upon said post and by which the cable is supported and means for yieldably swinging said post about its fulcrum and holding said sheave in contact with said cable.

2,129,511
DISPENSING NOZZLE
Emerson H. Tompkins and John H. Tobler, Waterbury, Conn., assignors to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application May 15, 1937, Serial No. 142,844
6 Claims. (Cl. 251—134)



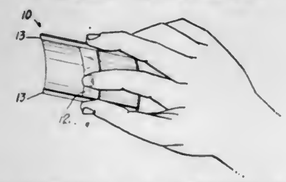
1. In a dispensing device, a substantially tubular shaped body designed to serve as a handle to manipulate the device, an intermediate partition wall within said body having a fluid orifice and adapted to divide the hollow interior of said body into two separated fore and rear chambers, a spring operated valve means coaxially mounted within said body for closing said orifice, a pair of brackets integral with and depending from the fore and rear ends of said body, a handle lever pivoted to said fore bracket and having a guiding connection in said rear bracket, and linkage means connecting said valve means with said lever to operate said latter means in one direction, said linkage means comprising a bell crank located in the fore chamber and a plunger pin extending outside of said body and operated from an intermediate portion of said lever.

2,129,512
APPARATUS FOR SEPARATING GENUINE AND SPURIOUS COINS
Fred E. A. Wallin, Chicago, Kurt T. Johnson, Palatine, and Carl G. Johnson, Chicago, Ill., assignors to N. Marshall Seeburg, Chicago, Ill.
Application August 17, 1936, Serial No. 96,413
5 Claims. (Cl. 194—101)



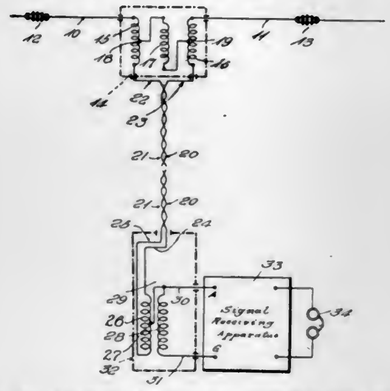
1. In an apparatus for separating genuine and spurious coins, a coin carriage adapted to receive a coin, a heated contact on said carriage adapted to establish a thermo-couple with the coin, a handle for rotating said carriage into coin releasing position, a coin diverter for controlling the disposition of the released coin, means including electromagnetic devices controlled by said thermo-couple for actuating said diverter, an electrical device for producing a moving field, means for inserting a coin in said field, and a switch for controlling the supply of energy to said device adapted to be closed by said handle.

2,129,513
FLEXIBLE MIRROR NOVELTY
August F. Wegener, Ridgewood, N. J.
Application March 3, 1937, Serial No. 128,764
1 Claim. (Cl. 88—105)



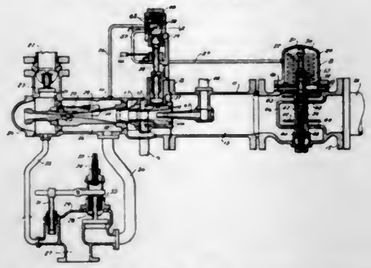
A device including a plane flexible sheet metal structure having a plurality of laminations, one of the laminations having a mirror surface and having at opposite edge portions parallel lips folded toward each other and extending the full length of the mirrored lamination, the end edges of the latter being flexible so as not to retard flexing of the mirrored lamination about an axis parallel to and intermediate of said lips, the other lamination constituting a backing member having substantially greater resilience than the mirrored lamination, said backing member having its opposite edges received by said lips so as to normally lie flat against the mirrored lamination, said laminations being otherwise separate of each other and coacting with each other so that the laminated structure can be flexed as aforesaid to produce distorted images, with the backing member serving to return said structure to initial plane position.

2,129,514
RADIO ANTENNA APPARATUS
Samuel M. Wertheimer, Brooklyn, N. Y., assignor to Birnbach Radio Company, Inc., New York, N. Y., a corporation of New York
Application March 25, 1936, Serial No. 70,862
4 Claims. (Cl. 250—33)



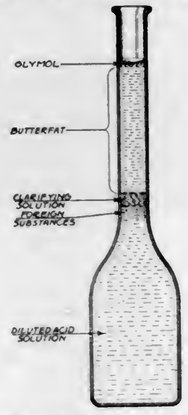
1. An antenna adapted to receive signal energy of a plurality of different frequencies widely separated in the frequency spectrum comprising, an antenna conductor divided into two sections, a coupling network connected between said two sections, said coupling network including a pair of inductance units, one of said units being connected to one of said antenna sections and the other of said units being connected to the other of said antenna sections, and a coupling inductance connected between said pair of inductance units and adapted to load said antenna inductively at the lower frequencies to be received, and a pair of transmission conductors arranged to intercept little or substantially no effective signal or interference energy, and means for connecting said conductors to said pair of inductance units at points other than those to which said coupling inductance is connected.

2,129,515
INJECTOR
Arthur Williams, Hammond, Ind., and John E. Mourne, Hinsdale, and Erich Henkel, Calumet City, Ill., assignors to The Superheater Company, New York, N. Y.
Application January 18, 1938, Serial No. 185,548
In Canada June 9, 1936
16 Claims. (Cl. 103—265)



1. In an injector, a steam nozzle, means for admitting water to the injector, means providing an overflow chamber, means for supplying steam to said nozzle, and means responsive to pressure variation in said overflow chamber for governing the steam supply to said nozzle.

2,129,516
PROCESS OF DETERMINING BUTTERFAT IN CREAM
Ronald E. Wood, Moscow, Idaho
Application October 4, 1933, Serial No. 692,516
4 Claims. (Cl. 23—231)



1. The steps in the process of determining the butterfat content of cream which consists in adding sulphuric acid to the cream thereby converting non-fat solids into liquids, adding a colored fat insoluble solution having a specific gravity greater than the butterfat and less than the sulphuric acid to form a reader between the butterfat and the sulphuric acid, and adding a colored upper reader having a specific gravity less than the butterfat, whereby the butterfat meniscus is displaced and the two readers sharply define the column of butterfat for reading.

2,129,517
ADHESIVE FOR INSECTICIDES AND A PROCESS FOR MAKING SAME
Lyle D. Goodhue, Berwyn, Md., dedicated to the free use of the People of the United States of America
No Drawing. Application January 10, 1938, Serial No. 184,251
1 Claim. (Cl. 167—42)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

An adhesive for plant spray materials which is non-injurious to plant foliage comprising a substance remaining in the fractionating column after the removal of solvent and pine oil in the steam and solvent process for the production of naval store products from pine wood.

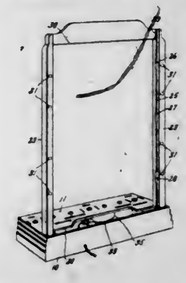
2,129,518
EXTENSIBLE BRACELET CLASP
John Dalo, Providence, R. I., assignor to A and Z Chain Company, Providence, R. I., a corporation of Rhode Island
Application August 30, 1935, Serial No. 38,594
7 Claims. (Cl. 24—71)

4. In a device of the type indicated, a clasp member having inturned flanges at its sides to provide spaced channels, a slide in the clasp member having channels at its sides nested in the channels on the clasp member, a rack-bar in the channel at one side of the slide, guiding means in the channel for mounting the rack-bar for movement therein, a spring acting between the slide and the rack-bar, and a resilient pawl on the clasp member for cooperation with the rack-



bar, the end of the pawl and the teeth on the rack-bar being formed to adapt their sides to slide past each other when the slide is moved into the clasp member and to latch against movement in the opposite direction, and a projection on the pawl for moving it away from the rack-bar to release the slide.

2,129,519
DISPLAY DEVICE
Nelson A. Arend, Cleveland Heights, Ohio, assignor to General Electric Company, a corporation of New York
Application October 19, 1934, Serial No. 749,034
6 Claims. (Cl. 40—130)

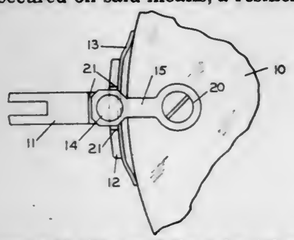


1. A display device comprising a hollow base, a pair of spaced upright posts mounted at the back of said base, a groove in each of the opposing inner faces of said posts extending from the top thereof substantially to the upper surface of said base and adapted to receive a background panel, a plurality of pins secured to and spaced along the back surfaces of said posts, removable side pieces, supported by said pins the upper surface of said base having an opening at the rear and substantially at the middle thereof, and a lamp in said base below said opening adapted to illuminate said background panel.

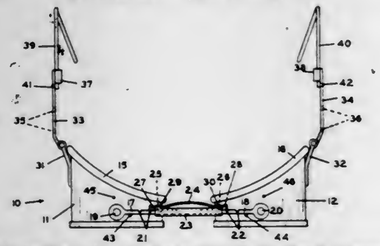
2,129,520
OPHTHALMIC MOUNTING
Joseph W. Aspenleiter, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application December 16, 1935, Serial No. 54,560
8 Claims. (Cl. 88—47)

1. In a device of the character described, two straps adapted to be rigidly secured respectively on opposite sides of a lens, means connecting

said straps beyond the edge of said lens, a shoe rockably secured on said means, a resilient member between said shoe and the edge of said lens, and an ophthalmic mounting rigid with said shoe.

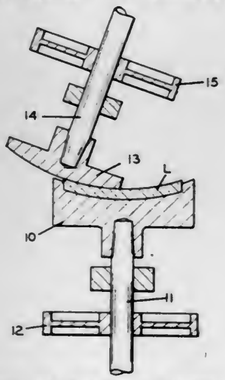


2,129,521
GOGGLES
Joseph W. Aspenleiter, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application November 23, 1936, Serial No. 112,241
2 Claims. (Cl. 2—14)



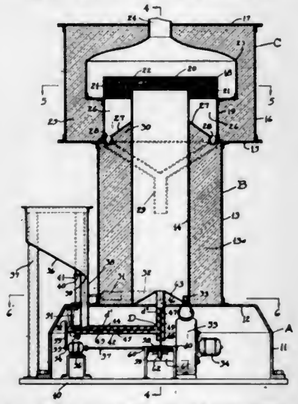
1. A device of the character described comprising two lens holding members, a rod extending from each member, said rods having a plurality of transverse notches, a hollow member for receiving the free ends of said rods, and latching means engaging said notches for adjustably locking said rods in said hollow member.

2,129,522
METHOD AND MEANS FOR ABRADING LENSES
Kenneth C. Burroughs, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application October 9, 1935, Serial No. 44,247
6 Claims. (Cl. 51—278)



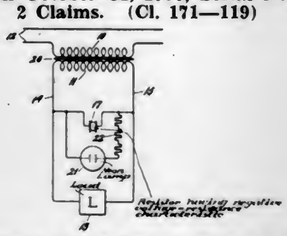
5. A method of abrading lenses which comprises placing a tool in contact with a lens, rotating said tool about an axis which is eccentric to said tool and which passes adjacent the edge of said lens and rotating said lens at substantially the same speed as said tool.

2,129,523
MEANS FOR EXFOLIATING VERMICULITE AND SIMILAR MINERALS
Clarence H. Butler, Austin, Minn., assignor to Amalgamated Minerals Corporation, Minneapolis, Minn., a corporation of Minnesota
Application December 17, 1936, Serial No. 116,330
14 Claims. (Cl. 263—21)



1. In an apparatus for heat treating pieces of material, a structure forming a stack, means for directing a heated blast into the stack, tangentially thereof, to create in the stack a columnar vortex of hot, helically ascending gases, means for feeding the pieces to be treated into the vortex at one elevation, and means for recovering the heat treated pieces from the vortex at a higher elevation.

2,129,524
CURRENT TRANSFORMER
Guglielmo Camilli, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York
Application October 31, 1936, Serial No. 108,629
2 Claims. (Cl. 171—119)

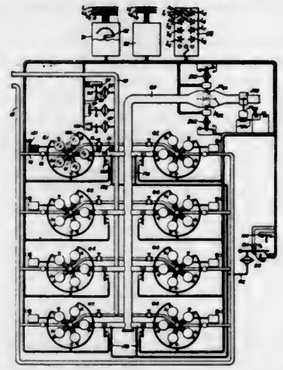


1. A current transformer including a magnetic core, a primary winding for magnetizing the core, a secondary winding for supplying current to a load, the magnetizing current in said primary winding increasing less rapidly than the voltage across the primary winding whereby the ratio between the current in the primary and secondary windings of the transformer varies for different current values, and a resistor having a negative voltage-resistance characteristic connected across the secondary winding of the transformer, said resistor being proportioned to compensate for the variation in the magnetizing current to reduce the variation in ratio between the current in the primary and the current in the load.

2,129,525
ACCELERATORS
Albert M. Clifford, Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application September 14, 1934, Serial No. 744,011
10 Claims. (Cl. 18—53)

7. A method of treating rubber which comprises incorporating therein as an accelerator a condensation product of crotonaldehyde, a primary amine and an alkylene polyamine, and then curing the mix.

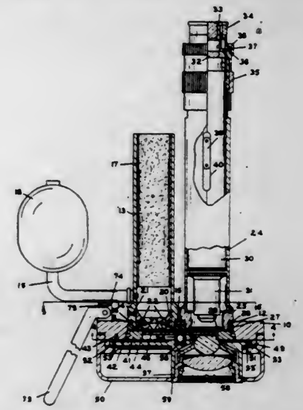
2,129,526
CONTROL SYSTEM AND APPARATUS FOR HEATING
Harry R. Crago, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application February 16, 1935, Serial No. 6,829
14 Claims. (Cl. 236—1)



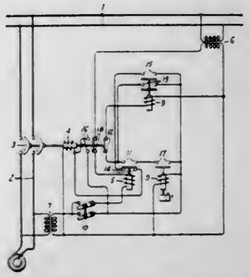
1. The combination of a plurality of boiler furnaces connected to supply steam to a common header and each boiler furnace having an electrically operated oil burner mechanism for establishing combustion to generate steam therein, means operable responsively to predetermined variation of the steam pressure in said header, sequencing switch mechanism including a reversible motor operated sequencing switch controlled by said pressure responsive means, a series of separately operable electromagnetic switches controlled by said sequencing switch, and a multiple contact reversing switch interconnected with said electromagnetic switches for controlling the energization of said oil burner mechanisms to start and stop operation thereof in reversible sequences to regulate the steam pressure.

2,129,527
DUST COUNTER
Gustave Fassin, Irondequoit, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application July 8, 1936, Serial No. 89,619
10 Claims. (Cl. 88—14)

5. In a device of the character described, a base, a moistening chamber fixedly mounted on said base and having a narrow slot at its lower end, an annular ring rotatably mounted in said base beneath said slot, an inward flange at the upper end of said ring, a slide, means for pressing said slide into contact with said flange for rotation with said ring, and means for rapidly withdrawing the air from the space between the slide and the chamber whereby air from said chamber will be drawn through said slot to impinge against said slide.

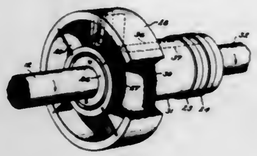


2,129,528
CONTROL SYSTEM
Daniel C. Hoffmann, Philadelphia, Pa., assignor to General Electric Company, a corporation of New York
Application June 25, 1936, Serial No. 87,208
2 Claims. (Cl. 171—118)



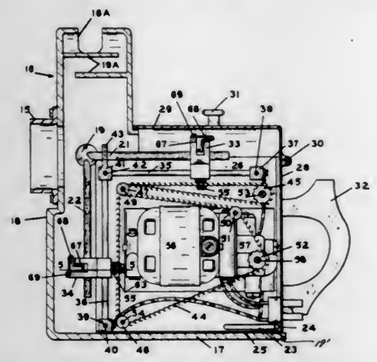
1. In combination, two alternating current circuits, a circuit breaker for interconnecting said circuits, a relay, a winding for said relay, means for applying to said winding a voltage proportional to the difference between the magnitudes of the voltages of said circuits when said circuit breaker is open, a second relay, a winding for said second relay, means controlled by said first-mentioned relay for effecting the energization of said winding for said second relay when the difference between the voltages of said circuits exceeds a predetermined amount, electromagnetic means for maintaining said second relay in its energized position after the winding therefor is energized, and means jointly controlled by said second relay when in its energized position and said first-mentioned relay when in its de-energized position due to the voltage difference between said circuits being below a predetermined value for effecting the closing of said circuit breaker.

2,129,529
ELASTIC FLUID TURBINE TURNING MECHANISM
Alan Howard, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application February 17, 1938, Serial No. 191,056
8 Claims. (Cl. 60—1)



1. The combination of an elastic fluid turbine including a rotor with a shaft, means for turning the rotor comprising a motor and a gearing mechanically connected to the rotor, and means for automatically starting the motor after the turbine is shut down and reaches a fixed minimum speed, said means comprising a speed-responsive device having a first element connected to the turbine rotor, a second element in cooperative relation to the first element and means for rotating the second element at constant speed.

2,129,530
ARC LAMP
Allan F. Martin, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application August 30, 1934, Serial No. 742,080
4 Claims. (Cl. 176—115)



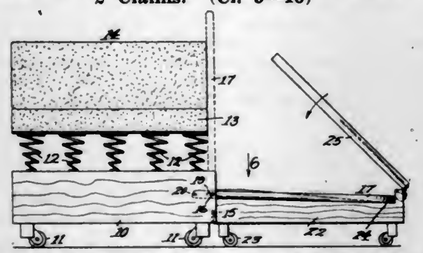
4. An arc lamp comprising a base, a main housing at the front end of said base, said housing having a front wall provided with a light opening, two side walls, a top wall provided with an opening to permit the escape of heat, an auxiliary housing having two side walls and a rear wall, a pair of electrodes movably mounted in said auxiliary housing for movement toward and from each other, means carried by said auxiliary housing for feeding the electrodes toward each other, a cover carried by said auxiliary housing, longitudinal slots in the side walls of the auxiliary housing, and a pin extending loosely through said slots and secured in the side walls of the main housing for slidably and pivotally securing said auxiliary housing to said main housing.

2,129,531
TUBING BLOW-OUT PREVENTER
George E. McLagan, Los Angeles, Calif., assignor to Abegg & Reinhold Company, Los Angeles, Calif., a corporation of California
Application November 20, 1936, Serial No. 111,877
1 Claim. (Cl. 166—15)



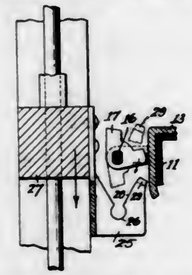
A blowout preventer for well casing, comprising a cylindrical base member adapted to be mounted upon the upper end of a well casing, a tubular body member disposed in longitudinal alignment therewith, and detachably secured thereto, said body member having an upwardly and inwardly converging wall portion, a frusto-conical packer mounted within the body member, its outer surface coinciding with the tapered wall through said member, said packer comprising a plurality of resilient segments forming a central opening through which a tubing may pass, the segments each being provided with metal wear plates making contact with the wall of the body member, the longitudinal edges of said packing segments interlocking whereby said segments may move relatively without becoming disengaged, and resilient means constantly holding said packer segments against the tapered side walls of the body member irrespective of the diameter of the tubing extending therethrough, a pressure washer interposed between said resilient means and the bottom of the packer, and anti-friction plates carried by the packer segments and resting upon said pressure washer.

2,129,532
BED COUCH
Herbert W. Neunherz, Gardner, Mass.
Application July 16, 1936, Serial No. 90,843
2 Claims. (Cl. 5—18)



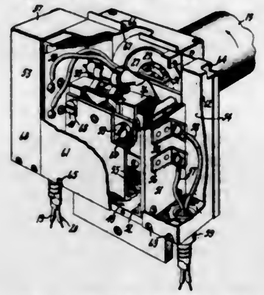
1. In a bed couch, the combination of a front bottom frame having an opening in the rear thereof, a back for said frame pivoted thereto, a lower back frame adapted to be telescoped into the bottom frame through said opening and having means in each of its ends for receiving said back when it is turned down flat, the ends of the back then being outside the back frame, and a spring frame pivoted to the back of the back frame and adapted to lie over said back when it is lowered.

2,129,533
CRIB SIDE LOCK
Herbert W. Neunherz, Gardner, Mass.
Application March 8, 1937, Serial No. 129,609
5 Claims. (Cl. 292—214)



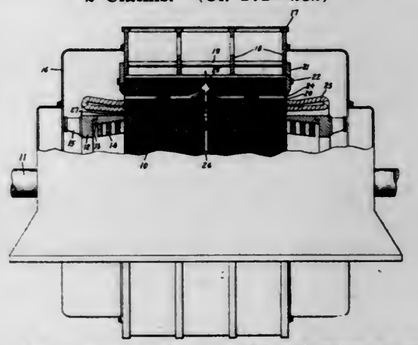
1. The combination with a movable member and a stationary member, of a rod carried by the movable member having a portion thinner than the rest, a bracket on the movable member having a circular slot cut out at the top to provide a notch through which the thin portion of the rod can pass, whereby, when the rod is turned to such position as to register with the slot, the bracket has no support and will allow the movable member to move, a pivoted foot treadle connected with the rod for moving it into locking position, and a spring engaging the spring frame and the treadle to normally keep the rod in a position with the thinner portion horizontal to lock the side frame in elevated position.

2,129,534
ELASTIC FLUID TURBINE TURNING MECHANISM
Heber L. Newell, Stratford, Conn., assignor to General Electric Company, a corporation of New York
Application February 17, 1938, Serial No. 191.058
9 Claims. (Cl. 60—1)



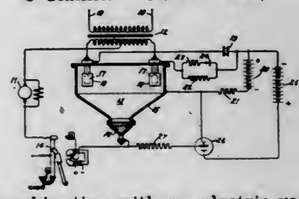
1. Elastic fluid turbine turning mechanism including the combination of an elastic fluid turbine having a rotor with a shaft, and means for mechanically rotating the rotor at low speed as the turbine is shut down and reaches a predetermined low speed, said means comprising a drive motor and a gearing connected to the shaft and a mechanism for automatically connecting said motor at a fixed low turbine speed, said mechanism including a support with a pawl connected to the turbine shaft, a ratchet wheel cooperatively associated with the pawl and a motor for driving the ratchet wheel.

2,129,535
LAMINATED CORE FOR ELECTRICAL APPARATUS
Robert Pohl, Berlin, Germany, assignor to General Electric Company, a corporation of New York
Application February 3, 1937, Serial No. 123,791
In Germany July 17, 1936
2 Claims. (Cl. 171—252)



1. A dynamo-electric machine having a core formed of an assembly of laminations, means including openings formed in said laminations arranged in registering relation to provide a longitudinally extending passage through said core for conducting a cooling medium therethrough, a transverse passage communicating with said longitudinally extending passage, said openings in said laminations being arranged in stepped relation adjacent the junction of said transverse passage and said longitudinally extending passage forming an outwardly curved portion to provide for smooth flow of cooling medium from said longitudinally extending passage into said transverse passage, and said openings arranged in stepped relation being of increasingly larger sizes and arranged in increasingly larger steps toward the junction of said longitudinally extending passage and said transverse passage.

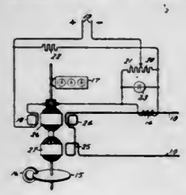
2,129,536
ELECTRIC VALVE CONVERTING SYSTEM
Eugene H. Reid, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application February 12, 1938, Serial No. 190.267
5 Claims. (Cl. 175—363)



1. In combination with an electric valve comprising an envelope containing an ionizable medium, an anode, a cathode, a grid and a conductive member in contact with said ionizable medium, a circuit for said grid including a non-

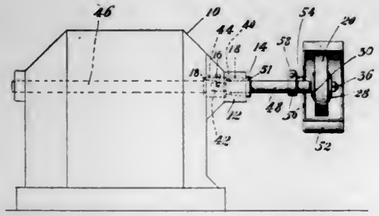
linear voltage-resistance element having normally a high resistance value, and means cooperating with said conductive member upon abnormal conditions to apply through said non-linear element a negative bias potential to said grid.

2,129,537
AMPERE-SQUARED-HOUR METER
Theodore A. Rich, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application August 13, 1937, Serial No. 158,940
7 Claims. (Cl. 171—34)



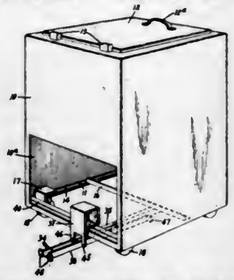
1. An alternating current meter of the ampere-squared hour type having a stationary main current coil and a cooperating armature both supplied by proportional alternating currents, a stationary compensating coil also cooperating with said armature and connected in series therewith, and means for supplying a constant direct current to said armature and compensating coil sufficient to supply a torque, substantially equal to the light load losses of the meter.

2,129,538
KNIFE GRINDING ATTACHMENT
Samuel Rubenstein and Harry Amazon, New York, N. Y., assignors of one-third to Meyer Levine, Brooklyn, N. Y.
Application February 26, 1936, Serial No. 65,743
1 Claim. (Cl. 51—166)



The combination with a meat grinder, having a horizontal drive shaft extending therethrough provided with a terminating square connecting socket, of a knife sharpener comprising a horizontally extended shaft coaxial with the drive shaft and having a terminal square connecting spindle integral therewith for insertion into the socket of the drive shaft, an annular shoulder adjacent the spindle and an opposed terminal restricted threaded portion, a grindstone mounted on the threaded portion of the shaft, means in engagement with the threaded end of the latter shaft to retain the grindstone in fixed position, a tubular bearing journaled to the latter shaft and extending the length of the same intermediate the grindstone and the annular shoulder, and a tapered collar member secured to the bearing abutting the shoulder forming operative frictional engagement with the socket of the drive shaft.

2,129,539
GUIDE AND STOP FOR REFRIGERATORS
Carl H. Steenstrup, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application November 11, 1936, Serial No. 110,323
4 Claims. (Cl. 104—247)



1. In combination with a cabinet having a mounting providing for movement thereof, a support for said cabinet, a guide rail carried by said cabinet, a second guide rail carried by said support and cooperating with said first-mentioned guide rail to define a path of travel for said cabinet, spaced apart stops on said second guide rail, and means including a stop member pivotally carried by said cabinet and adapted to engage said spaced apart stops for limiting the movement of said cabinet at each end of its path of travel.

2,129,540
LEAD-IN FOR RADIO RECEIVERS
Lewis H. Van Billiard, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York
Application February 2, 1938, Serial No. 188,323
1 Claim. (Cl. 173—264)

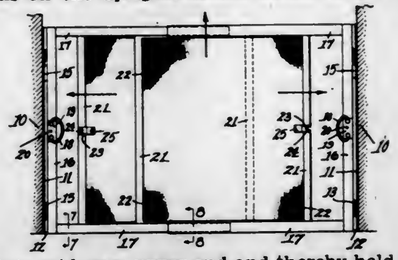


A lead-in strip comprising thin flat flexible wires, an electrical conductor connected to each of the ends of said wires, said conductors at each pair of ends forming parts of an insulated cord, and a rubber insulating covering molded about said flat wires and connections, said covering embedding said wires to form a thin flat and flexible lead-in strip, and said covering being thickened about said connections and molded to said insulated cord to provide a strain relief between said wires and said conductors.

2,129,541
ADJUSTABLE SCREEN
Nicholas Volpe, Fitchburg, Mass.
Application June 3, 1938, Serial No. 211,627
7 Claims. (Cl. 156—38)

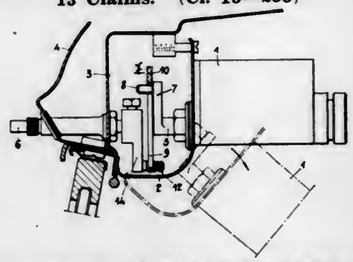
6. In an adjustable window screen, the combination with a pair of screens, of a frame for supporting and guiding said screens, said frame consisting of two parts, each comprising an upright, a top and a bottom, the top and bottom of one part fitting in the top and bottom respectively of the other part and slidable therein, one of said parts having a dividing sheet metal member along the center inside the top and bottom to separate the two screens and guide them accurately, and sheet metal supports adapted to be attached to a window casing, each provided with a permanent fixed socket at the bottom and near

the top and open at the top, and corresponding hooks on the uprights of the frame adapted to



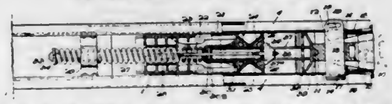
fit into said open upper end and thereby hold the frame in definite position on said supports.

2,129,542
WINDSHIELD CLEANER
Georges René Wernert and Jean François Gagnaire, Lyon, France, assignors to Trico Products Corporation, Buffalo, N. Y.
Application November 6, 1933, Serial No. 696,900
In France November 7, 1932
13 Claims. (Cl. 15—255)



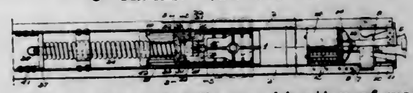
1. In a windshield cleaner of the type having multiple wipers, independent wiper shafts, bearings independent from each other for supporting the said shafts, a crank secured on each of said shafts, a link connecting the said cranks and provided with a slot, a motor including a casing independent of the wiper shafts, a shaft always rotating in the same direction, and a crank pin on the shaft and engaging in the slot in the link for transmitting a reciprocating movement to the link.

2,129,543
CAR CONSTRUCTION
Otho C. Duryea, Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del., a corporation of Delaware
Application February 19, 1936, Serial No. 64,740
Renewed January 13, 1938
19 Claims. (Cl. 213—8)



1. In a railway car, the combination of a body bolster, a draft and buffing member extending inwardly from the end of the car structure beyond said bolster and movable longitudinally relative to said bolster, a coupler mounted for movement of limited extent relative to said draft and buffing member, and energy dissipating means comprising a member stationary with respect to said bolster, a cooperating member movable with said draft and buffing member in both directions relative to said stationary member, said member also being movable relative to said draft and buffing member by said coupler on movement of the latter relative to said draft and buffing member, and resilient means for resisting movement of said movable member in both directions.

2,129,544
CAR CONSTRUCTION
Otho C. Duryea, Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del., a corporation of Delaware
Application August 13, 1936, Serial No. 95,915
8 Claims. (Cl. 213—8)



1. In a railway car, the combination of wedge means movable longitudinally relative to the car body and having laterally spaced inclined wedge surfaces, friction shoes between said wedge surfaces and in engagement therewith, said friction shoes being held against longitudinal movement but mounted for lateral movement, each of said shoes having a friction surface angularly related to said wedge surface, friction means having cooperating friction surfaces in engagement with the friction surfaces on said shoes, and resilient means engaging said friction means for maintaining frictional engagement between said cooperating friction surfaces and between said shoes and wedge surfaces, said resilient means being operatively interposed between said friction means and said wedge means and compressed on movement of said wedge means from normal position.

2,129,545
CAR CONSTRUCTION
Otho C. Duryea, Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del., a corporation of Delaware
Application September 8, 1936, Serial No. 99,812
Renewed February 2, 1938
9 Claims. (Cl. 213—8)

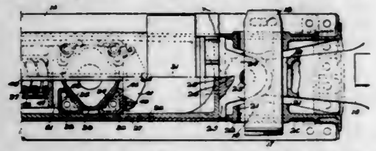


1. In a railway car, the combination of wedge means movable longitudinally relative to the car bolster and having wedge surfaces extending in both directions from the central portion of said wedge means and decreasing in height in opposite directions, friction means normally engaging said wedge surfaces adjacent said central portion, means for holding said friction means against substantial longitudinal movement with respect to said bolster including a member stationary with respect to the bolster and wedge members in engagement with said friction means on the extreme inward and extreme outward sides thereof and resilient means maintaining said engagement, and means operatively connecting said resilient means and wedge means whereby the resilient means is compressed against one or the other wedge member as said wedge means moves in one or the other direction.

2,129,546
CAR CONSTRUCTION
Otho C. Duryea, Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del., a corporation of Delaware
Application October 2, 1936, Serial No. 103,787
Renewed January 22, 1938
23 Claims. (Cl. 213—8)

1. In a railway car, the combination of a

column movable longitudinally relative to the car body under draft and buffing shocks, a coupler mounted at the end of the column for movement of limited extent relative thereto, wedge means frictionally engaging said column and movable relative thereto by said coupler throughout said limited extent, both said wedge means and column being moved by said coupler when said



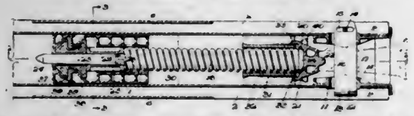
coupler moves beyond said limited extent, friction shoes engaging said wedge means, means holding said shoes against longitudinal movement, and resilient means operatively interposed between said friction shoes and column for resisting movement of said column and for maintaining frictional engagement between said shoes and wedge means.

2,129,547

CAR CONSTRUCTION

Otho C. Duryea, Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del., a corporation of Delaware

Application October 28, 1936, Serial No. 108,068
10 Claims. (Cl. 213—8)



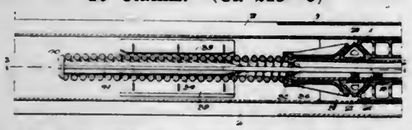
1. In a railway car, the combination of a car bolster, a coupler, a draft and buffing column extending substantially the length of the car body and slidable relative to the bolster, a cushion gear adjacent the bolster which resists inward movement of said column only, said gear comprising friction and resilient means including a stationary element supported by said bolster and a movable element extending outwardly from the bolster, said coupler operatively engaging said movable element on inward movement only and said resilient means being compressed on inward movement of said element to maintain frictional engagement between said friction means, and means adapted to engage to operatively connect said coupler and column after said coupler has moved inwardly a predetermined exent, said coupler and column being movable outwardly without connection to said movable element.

2,129,548

CAR CONSTRUCTION

Otho C. Duryea, Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del., a corporation of Delaware

Application November 4, 1936, Serial No. 109,155
10 Claims. (Cl. 213—8)



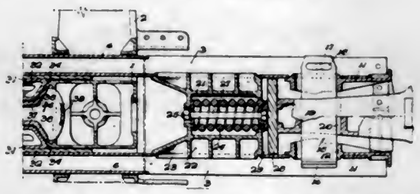
1. In a railway car, the combination of a car bolster having an opening, a draft and buffing column extending slidably past said bolster, a friction member extending through the opening in said bolster independently of said column and movable longitudinally therein, means operatively connecting said column and member for longitudinal movement together, friction means between and in frictional engagement with said bolster and member, and resilient means operatively connected to said friction means and arranged to oppose movement of said member.

2,129,549

CAR CONSTRUCTION

Otho C. Duryea, Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del., a corporation of Delaware

Application November 20, 1936, Serial No. 111,958
11 Claims. (Cl. 213—8)



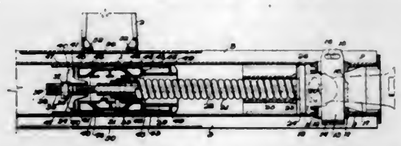
1. In a railway car, the combination of a body bolster, a draft and buffing column extending slidably past said bolster and having a friction surface, a friction shoe having triangularly disposed friction surfaces one of which engages said column surface, means secured to said bolster and having oppositely inclined surfaces alternately engaging the other two faces of said shoe one of said inclined surfaces holding said shoe against substantial longitudinal movement in one direction and the other holding said shoe against substantial longitudinal movement in the other direction, and means including a resilient element operatively interposed between said shoe and column and adapted to urge said shoe against one inclined surface when the column moves in one direction and against the other inclined surface when the column moves in the opposite direction.

2,129,550

CAR CONSTRUCTION

Otho C. Duryea, Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del., a corporation of Delaware

Application November 20, 1936, Serial No. 111,959
12 Claims. (Cl. 213—8)



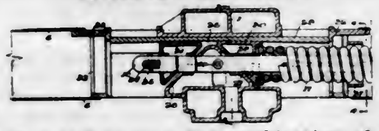
1. In a railway car, the combination of a body bolster, a draft and buffing column extending slidably past said bolster, a coupler mounted for movement of limited extent relative to said column and for further movement with said column, cushioning means for resisting movement of said column comprising means interposed between and in frictional engagement with the bolster and said column and resilient means, follower means for said resilient means engaged by said coupler during its movement relative to said column, and follower means for said resilient means engaged by said column, said two follower means and resilient means being constructed and arranged to transmit the compressive force of said resilient means to said friction means.

2,129,551

CAR CONSTRUCTION

Otho C. Duryea, Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del., a corporation of Delaware

Application March 30, 1937, Serial No. 133,895
13 Claims. (Cl. 213—8)



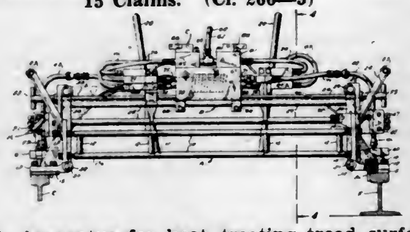
1. In a railway car, the combination of a car body and bolster, a draft and buffing column movable longitudinally relative to said bolster, a friction member movable longitudinally with said column and extending through a central opening in said bolster, said opening being spaced from said column, friction wedge means having an inclined wedge surface engaging said bolster and a friction surface engaging said member, and resilient means compressed against said wedge means on movement of said column, said inclined surface being disposed so as to maintain said member in frictional engagement between said wedge means and one side of said opening.

2,129,552

APPARATUS FOR HEAT TREATING RAILS

Percival Hunter, Jr., Chicago, Ill., assignor to The Oxweld Railroad Service Company, a corporation of Delaware

Application May 13, 1937, Serial No. 142,434
15 Claims. (Cl. 266—5)



1. Apparatus for heat treating tread surface areas of rails, comprising the combination of a carriage adapted to rest upon and be moved along a track; a supporting member pivotally mounted on said carriage; heating units carried by said supporting member, one unit being disposed over each rail of the track; and means for oscillating said pivotally mounted supporting member so that both of said heating units may be oscillated simultaneously over their respective rails.

2,129,553

TANNING MATERIAL

Alfred Russell and John W. Copenhaver, Philadelphia, Pa., assignors to Rohm & Haas Company, Philadelphia, Pa.

No Drawing. Application October 30, 1937, Serial No. 172,042
10 Claims. (Cl. 149—5)

1. The process of preparing a synthetic tanning material which comprises co-condensing a dihydroxy diaryl sulfone sulfonate and urea with formaldehyde.

2,129,554

TANNING MATERIAL

Alfred Russell and John W. Copenhaver, Philadelphia, Pa., assignors to Rohm & Haas Company, Philadelphia, Pa.

No Drawing. Application October 30, 1937, Serial No. 172,043
12 Claims. (Cl. 149—5)

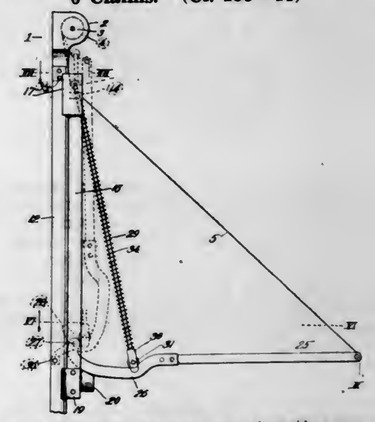
1. The process of preparing a synthetic tanning material which comprises co-condensing a dihydroxy diaryl sulfone and urea with formaldehyde in strong acid solution and dispersing the resinous material obtained in an aqueous solution of an aromatic sulfonic acid.

2,129,555

AUTOMATIC VISOR AWNING

Frederick A. Anton, Topeka, Kans.

Application March 18, 1935, Serial No. 11,644
6 Claims. (Cl. 156—44)



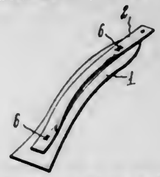
1. In a window awning construction comprising an awning roller, a fabric attached at one end to the roller, a pair of vertically-extending horizontally-spaced tracks, slide members secured to each track for vertical reciprocation thereon, a U-shaped awning frame to which the free end of the fabric is attached, said frame having its opposite ends respectively pivoted to the lower ends of the slide members to swing towards and from said members, a visor-forming bar bridging the space between the upper ends of the slide members and being of extensible nature to permit of variation in the distance between the upper ends of the slide members, and brace means reacting at their opposite ends against the slide members and the awning frame to constantly urge the latter away from said slide members.

2,129,556

SHOE SHANK STIFFENER AND METHOD OF SECURING IT TO A SOLE MEMBER

Reinhard B. Bartels, Marblehead, Mass.

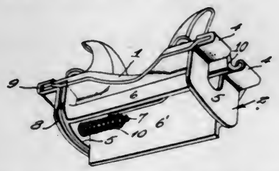
Application April 26, 1935, Serial No. 18,285
4 Claims. (Cl. 36—76)



1. A shoe unit comprising a fibrous sole member, a metal shank stiffener, said stiffener having a pair of integral spaced securing prongs of

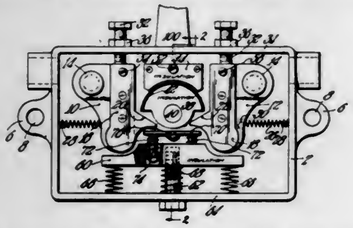
an initial length slightly greater than the thickness of said member, projecting through said member and headed over while maintained unbent substantially within the body of said member, said member being of sufficient softness and each prong being of such size and spaced from the other prong a distance sufficiently close to condense and grip the material of said member therebetween and sufficiently far to prevent substantial weakening of the bond between such between material and adjacent parts of said member.

2,129,557
DETACHABLE TRACTION LUG
Charles H. Beach, Norcross, Minn.
Application June 9, 1937, Serial No. 147,350
2 Claims. (Cl. 305—10)



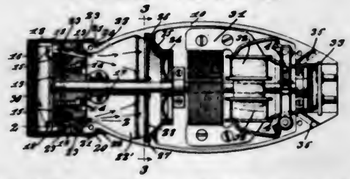
1. A traction lug comprising end plates, calk plates integral with the end plates and arranged at right angles thereto and one of said calk plates being of a greater width than the other calk plate and disposed at an inclination thereto, hooks formed on one of the end plates to engage with one end of a traction unit, and a bracket yieldably connected to the other end plate and including hooks to engage with the other end of the traction unit.

2,129,558
DIRECTION INDICATOR CONTROL SWITCH
Elisha F. Beaverstock, Holyoke, Mass.
Application July 16, 1936, Serial No. 90,877
3 Claims. (Cl. 200—59)



1. A circuit closing device comprising in combination, a casing, a shaft rotatable therein having means to connect the same to a movable member of an automobile steering mechanism, a rotor on said shaft, a contact on said rotor, arms on opposite sides of said rotor pivoted to said casing, contact plates on said arms engageable by the contact as the rotor rotates to swing the arms outwardly, a support below the rotor, a contact plate yieldingly mounted on the upper side of said support adapted to be engaged by either of the contact plates on the arms when the said arms are swung outwardly, springs to urge the arms towards said rotor, means to limit movements thereof towards said rotor, and means associated with the support and casing to yieldingly position the support in various positions relative to said arms and rotor.

2,129,559
ELECTRIC VACUUM SHAVER
Herbert H. Blackwell, Roanoke, Va.
Application August 3, 1937, Serial No. 157,211
4 Claims. (Cl. 30—41)



2. An electric vacuum shaver comprising a hollow handle, a hair collecting trap in the handle, a motor driven suction fan in the handle for withdrawing hair into the trap, a cutting head on the handle comprising a comb and a cutter, both having transversely disposed teeth, said shaft being connected to the cutter to move the cutter to coact with the comb in cutting hair, there being air ducts formed in the cutting head and communicating with the trap to permit severed hair being withdrawn from the teeth into the trap, and a baffle bar extending longitudinally of the teeth of the cutter and secured to said teeth for directing the air sucked into the handle by the fan longitudinally of the teeth to effectively remove severed hair from the teeth and prevent clogging.

2,129,560
SOIL EROSION CONTROL DEVICE
Russell O. Blyly, Cassopolis, Mich.
Application May 12, 1937, Serial No. 142,276
3 Claims. (Cl. 61—35)



1. A structure of the character described comprising a plurality of sections in echelon arrangement with respect to each other and overlapped at their meeting ends, each formed from a single sheet of material having rigidity, and a longitudinally directed bight in each section for effecting a laterally off-set upper portion with respect to its lower portion constituting an anchoring flange.

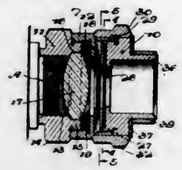
2,129,561
SHUTTER OPERATING MECHANISM
Theodore M. Brueck, Rochester, N. Y., assignor to Ilex Optical Company, Rochester, N. Y., a corporation of New York
Application September 11, 1937, Serial No. 163,493
5 Claims. (Cl. 95—63)



1. An automatic shutter mechanism, comprising actuating means including an actuator movable in opposite directions and having means shiftable during its movement in one direction into operative engagement with the shutter

mechanism and for opening and closing the latter during movement of the actuator in the opposite direction, a master member wholly at one side of, and in geared relation with, the said actuator for causing movement thereof in both directions, a retarding device spaced from the other side of the actuator, a retarding lever located wholly between the actuator and said retarding device, having one end thereof in operative association with said retarding device and having at its other end a pivoted arm in the path of movement of the actuator and independently yieldable in one direction permitting passage of the actuator in one direction without moving said lever, and a single adjusting cam member operatively associated with the retarding device and retarding lever for independently regulating the effectiveness thereof in operation and respectively holding them out of contact with one another and with the actuator.

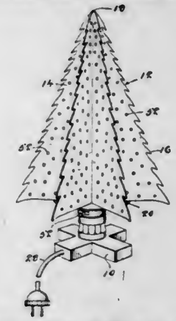
2,129,562
LENS AND DIAPHRAGM ASSEMBLY
Theodore M. Brueck, Rochester, N. Y., assignor to Ilex Optical Company, Rochester, N. Y., a corporation of New York
Application February 17, 1938, Serial No. 191,100
6 Claims. (Cl. 95—64)



1. In a lens and diaphragm assembly, a cylindrical casing having intermediate the ends thereof an internal annular flange and provided with a circumferentially slotted wall opening forwardly of said flange and an internal lens seat rearwardly of the flange, means having bearing against said flange for confining a lens on said lens seat, a diaphragm holder having a non-rotatable support forwardly of and in connection with said flange, a diaphragm carried by said holder, a diaphragm actuating member operatively in connection with the diaphragm and having a peripheral extension projecting externally through the said slotted wall opening, a diaphragm adjusting member having a rotatable seat upon the exterior portion of the casing and having an internal longitudinally disposed recess receiving the said extension of the diaphragm actuating member, and means detachably in connection with the casing for confining the adjusting member on its said seat.

2,129,563
ORNAMENTAL TREE
Edward J. Bublitz, Chicago, Ill.
Application June 9, 1936, Serial No. 84,355
5 Claims. (Cl. 41—15)

4. An ornamental tree comprising a plurality of normally upright wings radially arranged with respect to a common vertical axis, each wing comprising a pair of converging walls joined along their outer edges, each wall having its inner edge joined to the inner edge of one wall in the adjacent wing, but spaced from said common axis, and base means connected with the lower ends of the wings, said walls being perforated and the joined inner edges of the walls being arranged in the form of a circle of sufficient diameter to house an electric light, said base



means being provided with an opening through which the electric light may be inserted.

2,129,564
WEIGHING FORK
Edwin C. Chandler, Norwich, Vt.
Application June 1, 1937, Serial No. 145,881
2 Claims. (Cl. 265—66)

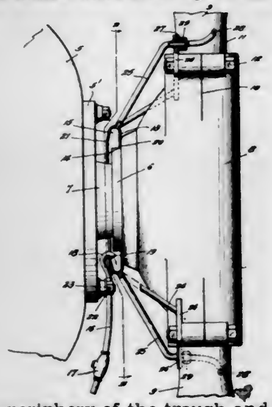


1. An implement of the class described comprising a handle and a head part, means for pivotally connecting the head part with one end of the handle, means for limiting upward movement of the head part, a projection on the head part, a rod slidably arranged in the handle and having one end projecting therefrom and pivoted to the projection, a scale plate on the handle having a slot therein, a projection on the rod extending through the slot and having a pointer thereon for cooperating with the scale on the plate and a spring having one end adjustably connected to the handle and its other end to the projection on the head part for holding the head part at the upward limit of its movement.

2,129,565
DEICING ATTACHMENT FOR AIRPLANE PROPELLERS
William C. Clay, Buckroe Beach, Va.
Application August 31, 1937, Serial No. 161,852
11 Claims. (Cl. 244—134)

6. In an airplane, the combination with an engine crank case, rear cone seat and propeller hub including blade securing bolts, of a de-icing attachment comprising a distributing ring fitting over and around the rear cone seat in close contact with the hub of the propeller for the entire circumference of the ring, said ring being pro-

vided with a trough adapted to receive an antifreeze mixture and being of a diameter less than the maximum diameter of the propeller hub, spaced sets of attaching plates held in position on the propeller hub by the securing bolts, one attaching plate of each set being provided with a nipple, a hollow tube forming a connection be-



tween the periphery of the trough and the nipple of the adjacent attaching plate, an adjustable discharge nozzle on each nipple, solid braces forming connections between the trough and the other attaching plates, and a stationary nozzle projecting within the trough for feeding an antifreeze mixture thereto.

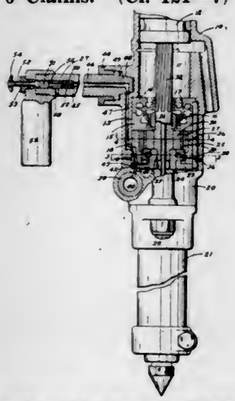
2,129,566

FLUID OPERATED TOOL

John C. Curtis, Garfield Heights, Ohio, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio, a corporation of Ohio

Application November 30, 1936, Serial No. 113,275

6 Claims. (Cl. 121—7)



1. In a rock drill, the combination with a cylinder and a reciprocatory piston therein capable of rotation, a rotation mechanism for said piston including a rifle bar wherewith said piston is slidably interlocked, a rotatable ring having teeth formed in the interior thereof, pawls carried by said bar operatively engaging said teeth, a stationary casing having teeth in the interior thereof constituting an extension of the teeth of said ring, a slidable member having teeth constantly interlocked with the teeth of said casing and capable of interengagement with the teeth of said ring for locking said ring against rotation to render said mechanism operative, and means for selectively causing the interengagement of the teeth of said member with the teeth of said ring.

2,129,567

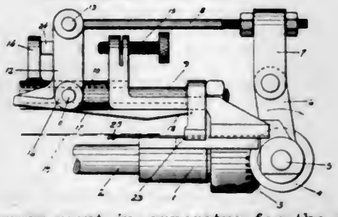
LATERAL REGISTRATION APPARATUS

Yngve August Ferdinand Danielsson, Gothenburg, Sweden

Application June 3, 1936, Serial No. 83,373

In Germany June 11, 1935

2 Claims. (Cl. 271—59)



1. Improvement in apparatus for the lateral registration of sheets in printing presses and similar machines comprising a resilient sheet contacting arm, said arm having one end portion shaped to lie flat upon said sheets when in the contacting position, a slide having said resilient arm pivotally mounted thereto, a supporting bar having said slide slidably mounted thereon, a brake mounted on and for retarding the movement of said slide, a supporting arm carried by said slide for supporting said sheets at a point directly below the contacting point thereof of said resilient arm, a lever arm connected to said resilient arm and pivotally mounted on said slide, a reciprocating driving member reciprocating said lever arm, means for actuating said driving arm, a pair of abutments mounted on said slide, one of said abutments limiting the swinging movement of said lever arm in such a manner that as said driving member is moving in one direction said resilient arm end portion will first be brought against said sheet and subsequently, after the swinging movement of said arms has been arrested by said abutment, be laterally pushed by said slide as the driving member continues to move, said abutment being adjustably mounted on said slide for regulating the pressure of said resilient arm end portion on said sheets and the second of said abutments limiting the swinging movement of said lever arm in such a manner that as said driving member is moving in the second or opposite direction said resilient arm will be raised from said sheets and subsequently, after the swinging movement of said arms has been arrested by said second abutment, be drawn backwards as the driving member continues to move.

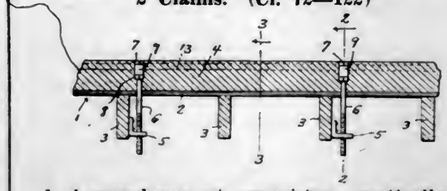
2,129,568

SCREED SUPPORT

Charles P. De Biasi, New London, Conn.

Application March 17, 1938, Serial No. 196,501

2 Claims. (Cl. 72—122)



1. A screed support comprising a vertically adjustable post, spaced enlargements on the upper portion of said post, an arm mounted for swinging movement in a horizontal plane on the post between the enlargements, said arm having a vertical slot in its free end portion, and a T bar removably mounted on the arm and engaged in the slot.

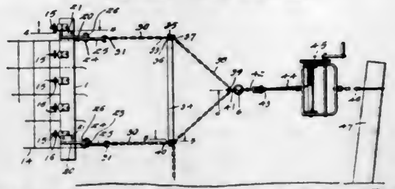
2,129,569

WIRE FENCE STRETCHER

Clyde L. De Lay, Indianapolis, Ind.

Application September 2, 1937, Serial No. 162,190

4 Claims. (Cl. 254—83)



4. A stretcher of the class described comprising a pair of jaws to engage the article to be stretched, separable hooks and eyes on the jaws detachably hinging them together, arms secured to said jaws, means on the arms engageable by draw means to move the jaws together and also longitudinally, plates for the attachment of the hooks and eyelets to the jaws, said arms having attaching plates, and the attaching plates being integral with the adjacent plates of the hooks and eyelets.

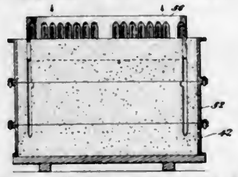
2,129,570

METHOD AND APPARATUS FOR MAKING WELL CASINGS

Edward F. Dooley, Hutchinson, Kans.

Application January 13, 1936, Serial No. 58,971

7 Claims. (Cl. 22—158)



1. In a pattern for casting slotted cylindrical well casings with circumferentially spaced, longitudinally extending members and with circumferentially extending annular bands intersecting and joining the longitudinal members, an unbroken annulus which when rammed up in a section of a flask forms a molding cavity for the formation of a circumferentially extending strengthening band, said pattern also being provided with a plurality of longitudinally extending portions depending from the annulus and spaced about the circumference of the pattern to define circumferentially spaced, longitudinally extending places for the gate during casting and to give to the casing a plurality of longitudinally extending members, the pattern between said depending longitudinally extending portions being provided with a plurality of slots spaced apart less than the widths of the individual depending longitudinally extending portions to define fingers looking to slots in the casing.

2,129,571

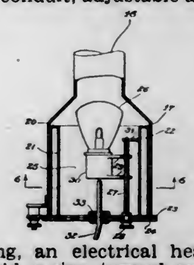
CARBURETOR HEATER FOR INTERNAL COMBUSTION ENGINES

Joseph Driscoll, New York, N. Y.

Application June 10, 1936, Serial No. 84,547

4 Claims. (Cl. 219—38)

1. The combination with a carburetor having an inlet pipe, of means for supplying heated air to said carburetor and including a conduit attached to said inlet pipe, valve means in said pipe and conduit, means for actuating said valve means for alternately opening and closing the same, heating means including a casing attached to said conduit, adjustable air inlet means



for said casing, an electrical heating element movable in said casing toward and away from the inlet end of the conduit, manual means for moving said heating element and means associated with said valve actuating means for operating in unison therewith and for controlling a circuit to said heating element.

2,129,572

MEANS FOR FREEZING AND PRESERVING COMESTIBLES

William J. Finnegan, Hollywood, Calif.

Application February 21, 1935, Serial No. 7,650

1 Claim. (Cl. 62—1)



In the rapid freezing of comestibles, a hermetically sealed container for commercial use adapted to be externally subjected to a heat transferring vehicle, a heat transmission element in the container including a plate having its ends in contact with the walls of the container and extending across the container at the approximate center thereof to multiply the final points of solidification, and fins carried by the plate and extending towards the walls of the container and terminating in spaced relation to the walls of the container.

2,129,573

MANUFACTURE OF CARTONS, BARRELS, AND THE LIKE

Edgar Parr Gabbott, Chorlton-cum-Hardy, Manchester, and Rupert Peter Peters, Bollington, Altrincham, England

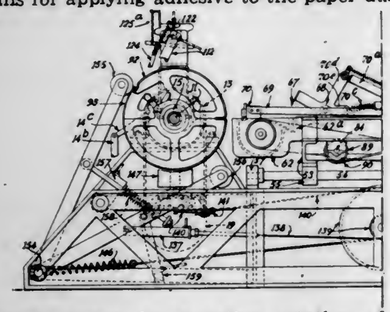
Application November 10, 1937, Serial No. 173,788

In Great Britain May 20, 1936

9 Claims. (Cl. 93—81)

1. A power driven machine operating in a repeating cycle, for winding paper into tubes for barrels, cartons or the like comprising a collapsible mandrel having gripping means to receive and grip the end of the paper, a feed table for the paper slidable towards and away from said mandrel, ejector means associated with said mandrel means controlled by said ejector means at the outward end of its movement, to cause motion of said feed table towards the mandrel, means controlled by the feed table when it reaches the end of its feed stroke for causing the mandrel to expand and grip the end of the paper fed by the

feed table, further means controlled by said feed table to impart a rotary movement to the mandrel, return means for the feed table and ejector, after their operation; means for severing the paper to the required length, during winding, means for applying adhesive to the paper during



winding, means for arresting rotation of the mandrel and locating the same in a predetermined position with its jaws opposite the feed table, means for then effecting collapse of the mandrel and opening of the jaws, controlled by the means for locating the mandrel, and means for operating the ejector controlled by collapse of the mandrel.

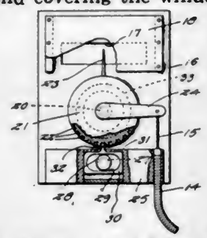
2,129,574
CLUTCH CONTROLLING TRACTOR HITCH
Leo Gilgenbach, Malone, Wis.
Application June 2, 1937, Serial No. 146,062
2 Claims. (Cl. 180—145)



1. In a hitch device for a tractor and trailing implement having relatively movable draft connections between the same and also said tractor having a clutch release driving means, a guide formed in one of said connections, an abutment plate fixed to the other connection and operating in said guide, a hanger on the tractor, a rocking shaft journaled in said hanger, levers reversely angled to each other with respect to the vertical and fixed to said shaft, a connection between one of the levers and the clutch release driving means, a rocking lever swingingly supported on the connection having the guide and engageable with the abutment plate, an adjustable connection between the other of the first-mentioned levers and the last-named lever, and an adjustable and yieldable suspension hanger on the trailing implement and engaged with the connection having the guide.

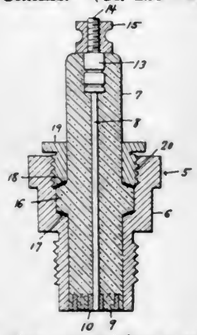
2,129,575
SELECTED SPEED REGULATOR
Orville J. Gilman, Manhattan, Kans.
Application April 10, 1937, Serial No. 136,227
2 Claims. (Cl. 116—124)

1. Control means for a reciprocable actuator, comprising a panel having a window opening therein, a shaft extending through the panel, a control knob upon one end of the shaft, a body mounted upon the other end of the shaft and upon the opposite side of the panel from the knob, said body having a circular peripheral portion provided with a plurality of sockets, an arm secured to the body and the shaft to rotate therewith, said arm being adapted to be coupled at its free end with the said reciprocable actuating element, a plate disposed in spaced relation with the side of the panel adjacent which said body is mounted and covering the window opening in



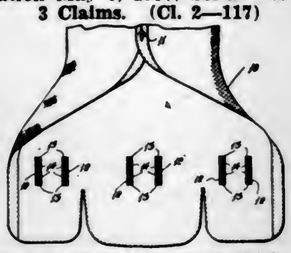
the panel, a pointer carried by said body and extending into the area between the plate and the panel, said plate having a scale thereon which is viewable through the window opening and across which the pointer moves, and a locking unit carried by the panel and having a reciprocable finger adapted for selective engagement in said sockets.

2,129,576
SPARK PLUG
Frank A. Gorny and Anton J. Patera, Chicago, Ill.
Application September 16, 1936, Serial No. 101,145
Renewed April 14, 1938
6 Claims. (Cl. 123—169)



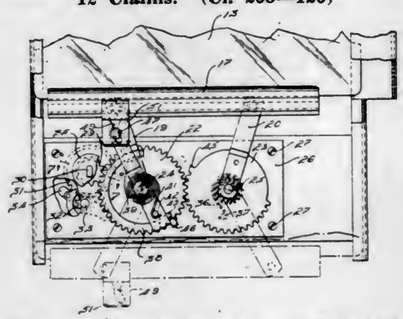
1. A spark plug comprising a spark plug body, an insulator mounted therein, an electrode extending through said insulator, a plurality of conductive segments embedded in the lower end of said insulator around the exposed end of said electrode.

2,129,577
SUSPENDER SHIRT
Wilfred L. Guerin, New Orleans, La.
Application May 6, 1937, Serial No. 141,160
3 Claims. (Cl. 2—117)



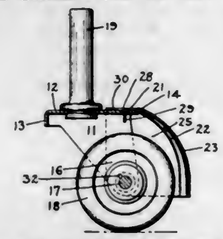
1. A shirt having elastic material in pairs attached to the inner surface thereof at the back and sides, said material having button-holes therethrough, and the shirt having slits extending completely through the fabric in line with the button-holes and of greater vertical extent than the button-holes to enable a button passing therethrough to move relatively to the shirt without straining the latter.

2,129,578
WINDOW CONSTRUCTION
Alfred H. Haberstump, Detroit, Mich., assignor to The Murray Corporation of America, a corporation of Delaware
Application April 27, 1934, Serial No. 722,635
12 Claims. (Cl. 268—126)



1. The combination with a vertically and horizontally movable window, of a regulator therefor having two arms for moving the window vertically, means for moving said arms, and means for moving the window horizontally in its plane on said arms when said arms are stationary by said arm moving means.

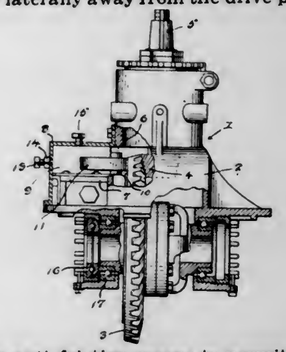
2,129,579
CASTER
Walter F. Herold, Bridgeport, Conn., assignor to The Bassick Company, Bridgeport, Conn., a corporation of Connecticut
Application December 24, 1936, Serial No. 117,607
1 Claim. (Cl. 16—18)



In a caster, a horn element having a top portion and spaced apart side portions extending downwardly and having aligned axle receiving apertures, a wheel disposed between said side portions, a guard element extending downwardly over said wheel from the top portion of said horn element and having spaced apart depending sides adapted to engage said side portions of the horn element and having aligned axle receiving apertures, and a wheel axle passing through said wheel and through said aligned apertures of said horn and guard to secure the same together.

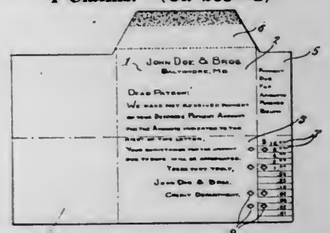
2,129,580
DIFFERENTIAL BEARING FOR TRUCKS
Clarence O. Heslep, Peterstown, W. Va.
Application August 4, 1937, Serial No. 157,438
1 Claim. (Cl. 74—311)

In combination with a differential including a differential housing and a ring gear and drive pinion located therein, a mounting carried by the housing, a block adjustable in said mounting and including a roller engageable with the ring gear opposite the drive pinion to prevent shifting of the ring gear laterally away from the drive pinion, and



including anti-friction means to permit the roller to rotate freely relative to said block, means for adjusting the block towards the ring gear, a locking means for said block, and an auxiliary housing covering said mounting and secured to the differential housing.

2,129,581
COMMERCIAL MAILING FORM
John A. Holden, Baltimore, Md.
Application October 13, 1936, Serial No. 105,360
4 Claims. (Cl. 283—1)

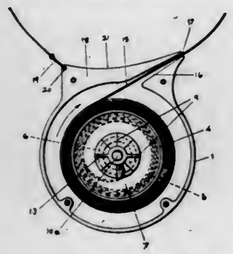


1. A commercial form mailing sheet comprising a horizontally centrally foldable panel portion, end flaps foldable over said panel portion and a foldable top sealing flap, a column of characters on the inside of said sheet placed in prearranged positions, said characters being concealed when the end flaps are folded over the panel portion, means on the outside of the folded form to indicate the position of at least one of said characters when the sheet is completely folded, whereby an operative with a knowledge of the arrangement of said characters may designate one or more of the same from the back of said folded sheet and after designation, the group selected be apparent upon the unfolding of the sheet.

2,129,582
MEASURING TAPE
Ebbe Anders Israel Johansson, Smalandsstenar, Sweden
Application December 10, 1935, Serial No. 53,808
In Sweden November 27, 1934
1 Claim. (Cl. 33—179)

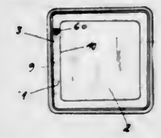
A device for measuring the periphery of cylindrical objects comprising in combination a casing, a graduated flexible tape coiled within said casing, resilient means tending to hold said tape

in its coiled position and a portion of said casing extended to form a shoulder thereon and having the length of the outer face thereof concave, said portion having a passageway for said tape formed therethrough from one end of said concave side to the interior of said casing, said passageway being substantially parallel to the adjacent end



portion of the concave side of said shoulder, means connecting the end of said tape extending through said passageway to the opposite end of said concave side and graduations of said tape beginning at the joined end thereof with a value equal to the length of said concave side of said shoulder.

2,129,583
METHOD OF ATTACHING AN OPENING MEMBER TO A CONTAINER
Carl J. Johansson, Savedalen, Sweden
Application February 15, 1937, Serial No. 125,903
In Sweden February 20, 1935
2 Claims. (Cl. 29—148.2)

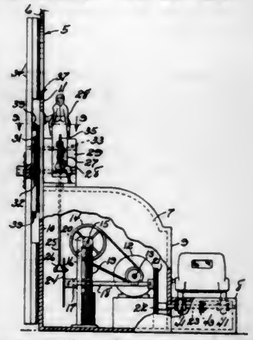


1. The method of attaching an opening member to the tear section of a container having an opening consisting in arranging a fusible metal washer on the shank of a headed rivet, inserting said shank through the opening in the tear section with the washer in contact with the inner surface of the tear section, upsetting a portion of the shank to provide a collar in contact with the other surface of the tear section, and applying heat to the washer to fuse the metal thereof to form an air tight joint.

2,129,584
RECOVERY OF HORMONES
Holger Laurits Peter Kjems, Copenhagen, Denmark, assignor to August Julius Helmuth Kongsted, Copenhagen, Denmark
No Drawing. Application March 19, 1937, Serial No. 131,937. In Great Britain May 5, 1936
8 Claims. (Cl. 167—74)

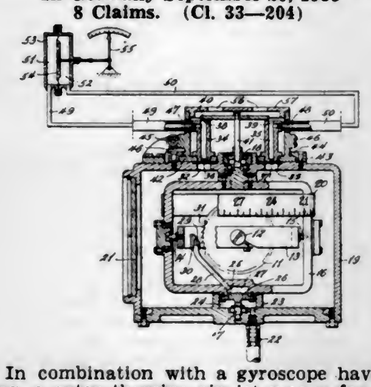
1. A process for the recovery of pituitary and sexual hormones from natural raw materials containing them, comprising adding to a hormone-containing aqueous liquid having a pH-value of from 3 to 7 a substance of the group consisting of soluble ferrocyanides and ferricyanides, and a metal salt forming therewith an insoluble precipitate containing the corresponding ferrocyanide or ferricyanide radical and having adsorbing properties, and thereafter treating the precipitate with solvent means for the hormones to be recovered.

2,129,585
ADVERTISING DEVICE
Earl E. Locke, Utica, Ill.
Application January 3, 1938, Serial No. 183,169
2 Claims. (Cl. 40—126)



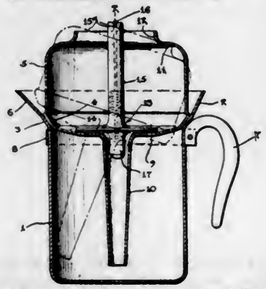
1. A device of the character described, comprising, a scene having upper and lower sections, said upper section fashioned with an opening, an oscillating member mounted on said upper section, a plurality of radially extending paddles pivotally mounted on said upper section and adapted to progressively register with said opening whereby advertising indicia on said paddles will be displayed to view through said opening, a gearing assembly including ratchet mechanism connecting said oscillating member to said paddles whereby said paddles are intermittently rotated, a treadmill secured without and in front of said lower section, a model automobile having wheels engaging said treadmill, and a power source within said lower section for operating said oscillating member and connected to said treadmill whereby to simulate the operation of said oscillating member by said model automobile.

2,129,586
GYROSCOPIC INSTRUMENT
Waldemar Möller, Rechlin, near Mirow, Germany, assignor to Askania-Werke A. G. vormals Central Werkstatt Dessau und Carl Bamberg-Friedenau, a German company
Application September 21, 1936, Serial No. 101,868
In Germany September 26, 1935
8 Claims. (Cl. 33—204)



1. In combination with a gyroscope having a casing, a rotor therein; air jet means for driving said rotor; a rotor bearing member; means for supporting said member in said casing for movement about an axis at an angle to the rotor spin axis; and differential air flow means actuated by relative turning of said rotor bearing member and casing about said supporting axis, said air jet means and differential air flow means being arranged to be operated in succession by the same air.

2,129,587
COFFEE BREWING DEVICE
Condict M. Nevius, Hornell, N. Y.
Application May 1, 1936, Serial No. 77,444
23 Claims. (Cl. 53—3)



1. A coffee brewing device comprising a lower receptacle open at the top and having a downwardly tapering bearing surface and provided with a pouring lip, and an upper brewing receptacle seated upon the bearing surface of the lower receptacle and having a downwardly tapered surface for coaction with the said bearing surface of the lower receptacle when the upper receptacle is in a vertical or substantially vertical position to provide a sealed connection between the receptacles during the brewing process, said upper receptacle being movable relative to said lower receptacle to break said sealed connection to provide a pouring passage at the pouring lip between said bearing surfaces and a venting passage between said bearing surfaces at a point spaced from the pouring lip.

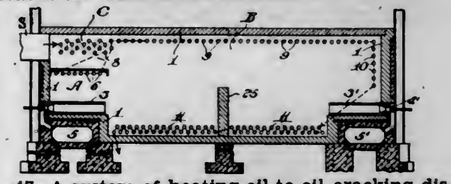
2,129,588
HARDENED SHANK STIFFENER WITH CLINCHER PRONGS
Stacy M. Nickerson, Newton, Mass.
Application December 1, 1934, Serial No. 755,594
3 Claims. (Cl. 36—76)



1. A shank stiffener for shoes made of carbon steel having a carbon content in the range between .50% and .90% provided with one or more integral prong or prongs, the stiffener having a quality of hardness equivalent to that produced by quenching in oil from a temperature between 1440° F. and 1500° F. and tempering by heating to a temperature between 575° F. and 720° F., and the prong or prongs having a ductility equivalent to that of annealed steel.

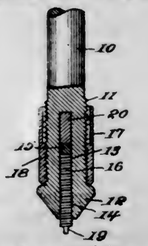
2,129,589
METHOD OF AND APPARATUS FOR HEATING OIL OR PETROLEUM TO ELEVATED TEMPERATURES
Frank H. Praeger, Tulsa, Okla., assignor, by mesne assignments, to Alcorn Combustion Company, Philadelphia, Pa., a corporation of Delaware
Application November 22, 1930, Serial No. 497,553
50 Claims. (Cl. 196—47)

13. The method of heating oil to cracking temperature in a system in which heat is applied to the oil by different modes of heat-transfer in different zones while flowing in succession through tubular oil-conducting heat-absorption structures within said zones which comprises, producing currents of hot gases through said zones, in one of said zones applying heat of said gases to the oil-conducting structure therein by radiation and convection, in a second of said zones directly below said one of said zones and below and without said currents of gases applying heat directly to the oil-conducting structure therein substantially solely by radiation from said gases at such rate per unit of area of heat-absorption surface per unit of time as to substantially equalize the rate of application of heat to one with respect to the rate of application of heat to the other of said structures.



47. A system of heating oil to oil-cracking discharge temperature comprising a pair of opposed heating chambers, means individual to said chambers for maintaining therein currents of burning combustion gases initially spaced laterally from each other, tubular oil-conducting heat-absorption structure disposed in each of said chambers in open radiant view of, and substantially entirely below and without, said currents of gases therein and heated directly substantially solely by radiation from said currents of gases, other tubular oil-conducting heat-absorption structure disposed in each of said chambers to be heated by radiation and convection from said currents of gases, a third heating chamber connected to said pair of chambers and traversed by the combined currents of gases therefrom, tubular oil-conducting heat-absorption structure disposed in said third chamber to be heated by convection, and means connecting said tubular structures for passage of oil first through said convectively heated structure, and then in direct succession through the remaining of said tubular structures disposed in said pair of chambers.

2,129,590
TOOL
Norbert G. Schelot and Elmer E. Vahle, St. Louis, Mo.
Application July 28, 1937, Serial No. 156,203
3 Claims. (Cl. 279—9)



1. A tool structure comprising a shaft integrally fashioned with a headed end forming a circumjacent shoulder and a threaded section extending above said shoulder, said headed end and section fashioned with a slot transversing said section above said shoulder and extending axially through said headed end whereby said slot

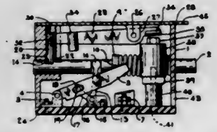
is provided with open sides in said threaded section and with closed sides in said headed end, a tool member seated within said slot and having a pair of oppositely disposed threaded faces registering with the threaded face of said threaded section adjacent said slot and enclosed within said headed end whereby the other faces of said tool member engage the sides of said slot for bracing the tool member therein, and a threaded sleeve connecting said threaded section and said threaded faces together and engaging said shoulder whereby to lock said tool rigidly within said slot.

2,129,591

ELECTRIC SWITCH

Charles H. Schneider, Poquonock, Conn.

Application August 6, 1936, Serial No. 94,579
13 Claims. (Cl. 200—106)



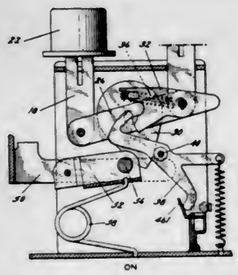
1. In a switch mechanism, an enclosing casing, a switch actuating plunger therein projectible through an end wall of said casing and having spring means biasing said plunger into projected position, a pivoted switch member, and operative connections therebetween for reversely operating said switch member upon reverse movements of said plunger including a bell crank movable about a different pivot from said member and having one arm thereof connected to said plunger and its other arm connected to said switch member.

2,129,592

RESETTABLE SWITCH

Harold E. Schleicher, Elmwood, Conn., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn., a corporation of Connecticut

Application August 27, 1937, Serial No. 161,319
17 Claims. (Cl. 200—116)



2. In a circuit controller, manually operable means, movable contact means, operating mechanism for moving said contact means to open and closed positions with a snap, means transmitting the motion of said manually operable means to said operating mechanism, means responsive to overload current acting upon said transmitting means to permit operation of said operating mechanism independent of said manual means on overload.

2,129,593

METHOD OF PLAITING KNIT FABRIC

Harry N. Sheppard, Maplewood, N. J., assignor to Scott & Williams, Incorporated, New York, N. Y., a corporation of Massachusetts

Original application June 5, 1937, Serial No. 146,680. Divided and this application May 4, 1938, Serial No. 206,048
8 Claims. (Cl. 66—135)



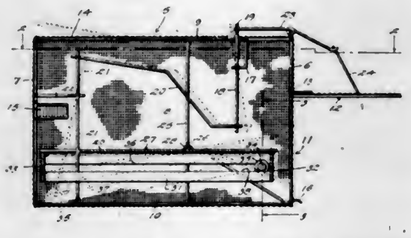
1. In a process of knitting, the steps of feeding a wrap yarn to a needle and engaging the yarn about the needle shank, feeding a body yarn to the same needle and engaging the body yarn with the needle shank below the wrap yarn, engaging the wrap yarn in a notch in the needle and passing the body yarn over the wrap yarn.

2,129,594

ANIMAL TRAP

Takejiro Shimamoto, Hilo, Territory of Hawaii

Application November 8, 1937, Serial No. 173,463
1 Claim. (Cl. 43—61)



A device of the character described, comprising, a cage having a door, a deck pivoted within said cage, trip mechanism carried by said cage and connected to said deck and said door, and a gravity operated roller disposed on said deck and adapted for engagement with said trip mechanism whereby to close said door.

2,129,595

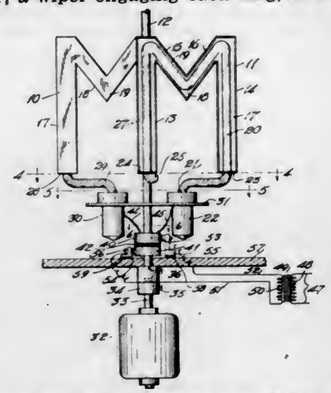
ELECTRIC SIGN

Andrew Varkonda, Brooklyn, N. Y.

Application August 23, 1937, Serial No. 160,522
3 Claims. (Cl. 40—130)

1. A sign comprising a rotatable shaft, means for rotating said shaft, a pair of oppositely facing characters, means engaging said shaft and said characters fixedly securing said characters on said shaft in substantially parallel relation with one character extending in a direction opposite from the other character, a plate fixed to said shaft, terminal members carried by said plate, illuminating means connected to said terminal members and extending across a face of each character, a pair of collector rings carried by said

shaft, means connecting a ring to a terminal member, a wiper engaging each ring, and means



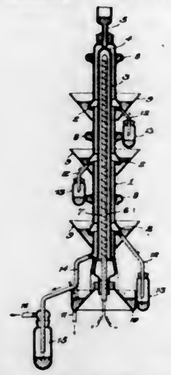
connecting said wipers to a source of electric current supply.

2,129,596

TREATMENT OF SOLIDS

Hein Israel Waterman, Delft, and Cornelius Van Vlodrop, Rotterdam, Netherlands, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

Application May 4, 1934, Serial No. 723,992
In the Netherlands May 9, 1933
21 Claims. (Cl. 202—52)



21. The process of short path, high vacuum distillation of solid distillable material which comprises passing a mixture of solid distillable material dispersed in a non-volatile liquid over a heated surface which is maintained under a high vacuum, condensing vaporized molecules derived from said material upon a condensing surface which is near to the heating surface and which is separated therefrom by substantially free unconstricted space.

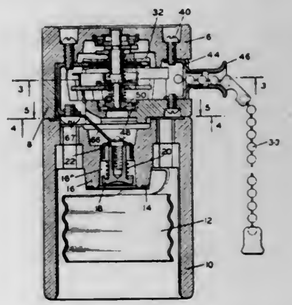
2,129,597

ELECTRIC LAMP SOCKET FOR DOUBLE FILAMENT LAMPS

Benjamin C. Webster, Southport, Conn., assignor to The Bryant Electric Company, Bridgeport, Conn., a corporation of Connecticut

Application April 2, 1935, Serial No. 14,306
11 Claims. (Cl. 173—347)

1. A switch and socket device for double filament lamps, having a switch portion and a socket portion, said switch portion comprising switch mechanism including fixed and movable contacts for encircling one or both filaments of the lamp, cooperating insulating bodies enclosing said switch mechanism, said socket portion comprising an insulating body on which are mounted a screw shell, a center contact and a ring contact for engagement by the contacts on the base of a double filament lamp, means capable of manipulation through said screw shell for se-



curing said socket portion and said switch portion together and carrying current from said screw shell and ring contact to certain of said stationary switch contacts, means holding the switch parts and socket parts on the insulating body and base respectively when said securing means is removed, the switch and the socket portions of the device being separable upon removal of said securing means to form a complete independent switch unit and a complete independent socket unit.

2,129,598

PROPAGATION OF PLANTS

Percy W. Zimmerman and Albert E. Hitchcock, Yonkers, N. Y., assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y., a corporation of New York

No Drawing. Application April 1, 1936, Serial No. 72,058
8 Claims. (Cl. 47—58)

1. The improvement in propagating plants from cuttings and the like, which comprises the step of inducing root-growth by immersing the basal end of the cutting in an aqueous solution of a substance of the group consisting of a substituted acetic acid, its esters, nitriles and salts, the substituent being selected from the group consisting of indole radicals and aromatic hydrocarbon radicals containing up to three condensed nuclei.

2,129,599

PROPAGATION OF PLANTS

Percy W. Zimmerman and Albert E. Hitchcock, Yonkers, N. Y., assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y., a corporation of New York

No Drawing. Application March 17, 1937, Serial No. 131,368
10 Claims. (Cl. 47—58)

1. The improvement in propagating plants from cuttings and the like which comprises the step of inducing root-growth by subjecting the cutting to the action of an indole substitution product of a compound having butyric acid structure as its nucleus.

2,129,600
PROPAGATION OF PLANTS
Percy W. Zimmerman and Albert E. Hitchcock, Yonkers, N. Y., assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y., a corporation of New York
No Drawing. Application March 17, 1937, Serial No. 131,369
13 Claims. (Cl. 47—58)

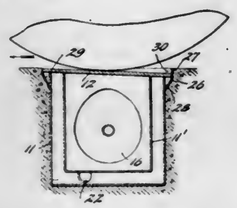
1. The improvement in propagating plants from cuttings and the like which comprises the step of inducing root-growth by subjecting the cutting to the action of a naphthalene substitution product of a compound having the acetic acid structure as its nucleus.

5. The improvement in propagating plants from cuttings and the like which comprises the step of inducing root-growth by subjecting the basal end of the cutting to the action of a substance of the group consisting of naphthaleneacetic acid, salts of naphthaleneacetic acid, and esters of naphthaleneacetic acid.

2,129,601
PROPAGATION OF PLANTS
Percy W. Zimmerman and Albert E. Hitchcock, Yonkers, N. Y., assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y., a corporation of New York
No Drawing. Application March 17, 1937, Serial No. 131,370
10 Claims. (Cl. 47—58)

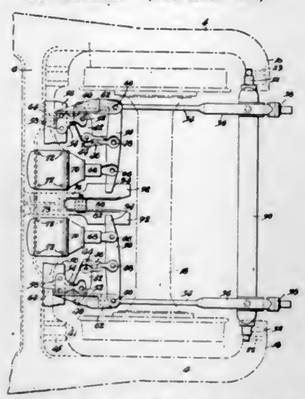
1. The improvement in propagating plants from cuttings and the like which comprises the step of inducing root-growth by subjecting the cutting to the action of an indole substitution product of a compound having the propionic acid structure as its nucleus.

2,129,602
SIGNAL
Charles Adler, Jr., Baltimore, Md.
Application December 20, 1937, Serial No. 180,898
6 Claims. (Cl. 177—329)



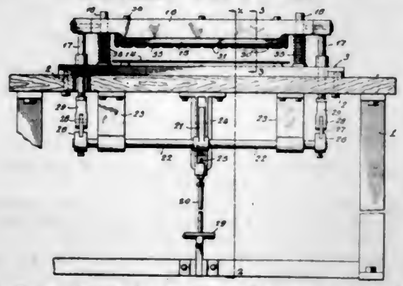
1. A vehicle actuated highway element comprising a shell in the highway, said shell having a top arranged in a plane inclined to the plane of the highway surface, the base of the inclination being closer to oncoming traffic and disposed below the road surface but leaving the surface unobstructed, the inclination of the top being upward in the direction of travel of the vehicle and such that an impact is made on the top by the engagement of the vehicle wheel which is the resultant force created by the forces of gravity and directional motion of the vehicle wheel as it bridges the depression formed by the inclined area of the top which is disposed below the road surface at the approach side of the element, whereby sound is produced, and a sound responsive element associated with the shell and converting the sound into electrical impulses.

2,129,603
UNIT CYLINDER CLASP BRAKE
Walter H. Baselt, Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application August 31, 1936, Serial No. 98,720
30 Claims. (Cl. 188—56)



1. In a railway car truck the combination of a truck frame comprising a transverse load carrying member, wheel and axle assemblies, support means centrally formed on said load carrying member, power means mounted within said load carrying member adjacent the longitudinal center line of said truck, brake rigging comprising brake heads and brake beams disposed on opposite sides of each wheel and axle assembly, hanger levers supporting the beams outwardly of said wheels, hangers supporting the beams inwardly of said wheels, live truck levers pivotally connected at points intermediate their ends to the beams intermediate the wheels, pull rods adjustably connecting the lower ends of said live truck levers to the beams outwardly of said wheels, cylinder levers having their outer ends fulcrumed on said load carrying member and points intermediate their ends connected to the upper ends of said live truck levers, and operative connections between said power means and said cylinder levers.

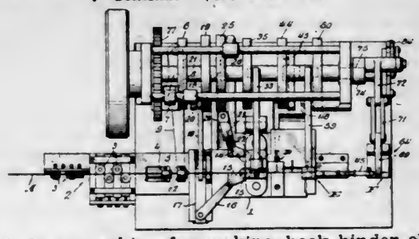
2,129,604
MACHINE FOR UNITING LOOSE LEAVES AND BINDER ELEMENTS
Vincenzo Catini, New York, N. Y., assignor to Kamket Corporation, New York, N. Y., a corporation of New York
Application August 4, 1937, Serial No. 157,291
3 Claims. (Cl. 140—93)



1. In a device for uniting the pages of a book with a binder element, a die, a groove lengthwise

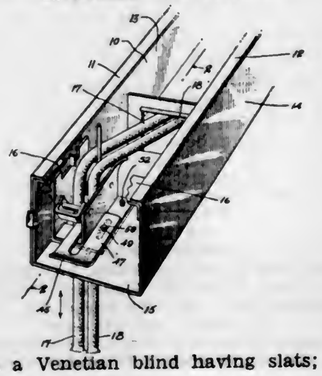
therein, a plurality of grooves arranged crosswise of said lengthwise groove, said crosswise grooves having an inclined face running from said crosswise grooves to the upper surface of the die, said grooves being adapted to support a binder element comprising a series of open ring-like members joined together by intervening tie rods, a support for the book pages, a pressure member mounted for movement with respect to said die, means upon said reciprocating member adapted to engage the open ring-like members and bend them to substantially complete ring formation.

2,129,605
MACHINE FOR MAKING BOOKBINDER ELEMENTS
Vincenzo Catini, New York, N. Y., assignor to Kamket Corporation, New York, N. Y., a corporation of New York
Application August 4, 1937, Serial No. 157,292
7 Claims. (Cl. 140—71)



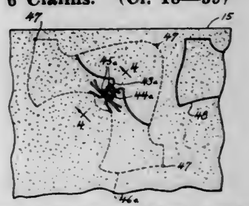
1. In a machine for making book binder elements, which elements comprise a series of duplex ring-like members and tie rods connecting adjacent members, in combination, means adapted to guide wire from a source of supply, a bed, a pair of formers, said formers alternately reciprocating across the path of said wire, a bed, a die in proximity to said formers, said die being provided with wire receiving means, one of said formers being adapted to engage the wire, slide the same over said bed, bend the same against the die and deposit the bent portion in said wire receiving means, the other former being adapted to slide over said bed and engage the portion of wire adjoining said first bent portion and bend the same against the first bent portion in substantially parallel relation thereto, while the first bent portion lies in said wire receiving means.

2,129,606
ADJUSTABLE CORD LOCK
Julius Nisenson, Brooklyn, N. Y.
Application April 19, 1937, Serial No. 137,679
12 Claims. (Cl. 156—17)



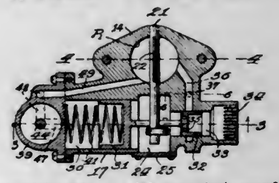
1. In a Venetian blind having slats; a cord adapted to move said slats, gravity operated movable means to stop the travel of said cord initially actuated by the engagement of the cord therewith adapted in one position thereof to grip said cord, means to regulate the clearance between said movable means of said cord when the movable means is in the second position thereof including a horizontally shiftable plate adapted to engage said first means.

2,129,607
METHOD OF MAKING RUBBER ARTICLES
John F. Schott, Mishawaka, Ind., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind., a corporation of Indiana
Application April 8, 1935, Serial No. 15,276
6 Claims. (Cl. 18—59)



1. The method of making rubber articles which comprises drying a layer of an aqueous dispersion of rubber with heat to form a sheet, coating the sheet before substantial cooling with a rubber composition having better rubber union properties than the sheet, then shaping the sheet into the article form and uniting and consolidating overlapping portions of the coated sheet.

2,129,608
AUTOMATIC DECELERATION CONTROL DEVICE
Albert G. H. Vanderpoel, Los Angeles, Calif., assignor of one-third to James O'Laverty and one-third to David E. Seward, both of Los Angeles, Calif.
Application August 10, 1936, Serial No. 95,126
19 Claims. (Cl. 123—119)



1. The combination with an internal combustion engine carburetor, its throttle valve and the intake manifold to which said carburetor is connected, of an auxiliary valve for controlling the flow of gaseous fuel from the carburetor to the intake manifold, a cylinder, a pair of connected pistons arranged for operation within said cylinder, means actuated by the movement of said connected pistons within said cylinder for imparting opening and closing movements to the auxiliary valve, vacuum actuated means controlled by the degree of vacuum prevailing in the intake manifold following the closing movement of the throttle valve for establishing communication between the end of said cylinder adjacent one of said pistons and said intake manifold whereby said connected pistons are actuated to close said auxiliary valve, adjustable means for controlling the operation of said vacuum actuated means,

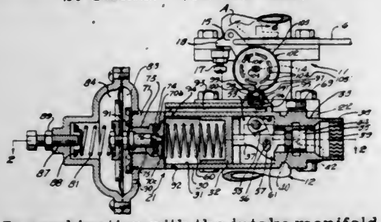
means actuated by the throttle valve during its opening movement for admitting air to the cylinder to break the vacuum that imparted auxiliary valve closing movement to the connected pistons in said cylinder and means controlled by one of said connected pistons for admitting a scavenging gas to said intake manifold.

2,129,609

AUTOMATIC FUEL MIXTURE AND SCAVENGING GAS CONTROL DEVICE

Albert G. H. Vanderpoel, Wilmar, Calif., assignor of one-third to James O'Laverty and one-third to David E. Seward, both of Los Angeles, Calif.

Application October 26, 1936, Serial No. 107,643
20 Claims. (Cl. 123—119)



1. In combination with the intake manifold, the carburetor and throttle valve of an internal combustion engine; an open block between the carburetor throttle valve and the intake manifold; an auxiliary valve in the opening through said block; means biasing said auxiliary valve to open position; a housing having a suction chamber mounted on said block; means in said suction chamber actuated by suction applied therein for closing said auxiliary valve; and means for selectively communicating suction from the suction passage in said carburetor and manifold to said suction chamber comprising a suction duct in said block having its outlet in the suction passage therethrough, a diaphragm housing mounted on said suction chamber housing, a duct in said diaphragm housing communicating with said first mentioned duct and having an outlet port in said suction chamber, a valve member in said diaphragm housing adapted to seat in said outlet port, a diaphragm mounted in said diaphragm housing and attached to said valve member, a duct communicating between said first mentioned duct and the region of said diaphragm housing behind said diaphragm whereby said diaphragm is adapted to be moved in a control valve opening direction, yieldable means biasing said diaphragm to a valve closing position, said yieldable means being set to permit valve opening movement of said diaphragm when a predetermined suction is applied thereto.

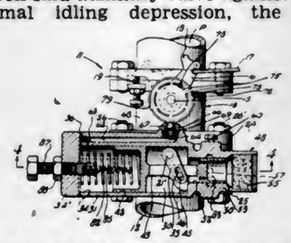
2,129,610

AUTOMATIC MEANS FOR CONTROLLING FLUID FLOW TO INTERNAL COMBUSTION ENGINES

Albert G. H. Vanderpoel, Los Angeles, Calif., assignor of one-third to James O'Laverty and one-third to David E. Seward, both of Los Angeles, Calif.

Application May 11, 1937, Serial No. 141,998
13 Claims. (Cl. 123—103)

1. In an engine provided with an intake manifold, and a carbureter system having a mixture outlet passage and a throttle valve therein, the combination of: an auxiliary valve in said passage; suction responsive means communicating with said passage and adapted for retractive movement by manifold depressions; means operable by retractive movement of said suction responsive means for closing said auxiliary valve; a primary spring adapted to open said auxiliary valve when the depression acting on said suction responsive means is less than normal idling depression; a secondary spring adapted to partially open said auxiliary valve against the action of normal idling depression, the combined



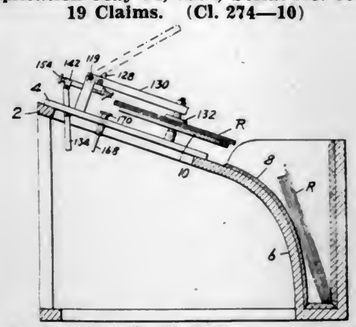
strengths of said springs being such as to permit full closure of said auxiliary valve by manifold depressions in excess of normal idling depression, means for actuating said throttle valve; and means controlled by said throttle actuating means for relieving the suction in said suction responsive means.

2,129,611

PHONOGRAPH

George A. White, Philadelphia, Pa., assignor, by mesne assignments, to Lloyd H. Smith, New York, N. Y.

Application May 14, 1931, Serial No. 537,353
19 Claims. (Cl. 274—10)



7. A phonograph including a pin arranged at an angle to the vertical with its free end uppermost, a turntable for supporting a plurality of records arranged in a stack for rotation about the axis of the pin, means yieldingly urging the turntable towards the free end of the pin, a member engaging the topmost record and cooperating with the turntable to clamp the stack of records, means for holding the turntable from upward movement, means for raising the member while the turntable is so held to release the topmost record for movement from the stack, and means for lifting the topmost record relatively to the next record to clear the pin, said last named means including a member reacting between the two uppermost records, and a feeler member engageable with the top of the topmost record for guiding said reacting member between the records.

2,129,612

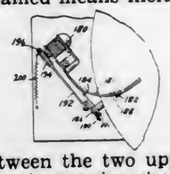
PHONOGRAPH

George A. White, Philadelphia, Pa., assignor to Lloyd H. Smith, Houston, Tex.

Application July 14, 1934, Serial No. 735,118
7 Claims. (Cl. 274—10)

3. A phonograph including a pin arranged with its free end uppermost, a turntable maintained

at a fixed height for supporting a plurality of records arranged in a stack for rotation about the axis of the pin, means for raising the topmost record relatively to the next record to clear the pin, said last named means including a member



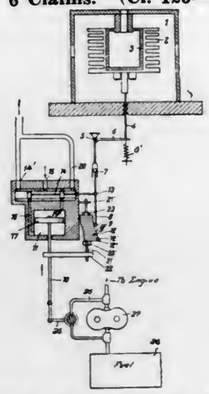
penetrating between the two uppermost records and turning about an axis extending in the direction of its penetrating movement, and means for effecting said turning movement by the continued penetrating movement of the member.

2,129,613

APPARATUS FOR CONTROLLING THE FUEL FEED IN INTERNAL COMBUSTION ENGINES

Guido Wünsch, Berlin-Steglitz, and Willy Gerisch, Berlin-Friedenau, Germany, assignors to Askania-Werke A. G. vormals Centralwerkstatt-Dessau und Carl Bamberg-Friedenau, a corporation of Germany

Application September 25, 1935, Serial No. 42,016
In Germany September 27, 1934
6 Claims. (Cl. 123—75)



1. Apparatus for controlling the fuel feed of internal combustion engines, more particularly for aircraft, comprising, in combination, a servomotor connected to control the fuel feed; a relay connected to actuate said servo-motor; means responsive to variations in combustion-air density and connected to exert a controlling action on said relay which is a predeterminable function of the air density; and means responsive to movements of said motor and connected to exert a restoring action on said relay which is an identical function of the servo-motor movement, whereby the servo-motor movements become directly proportional to the variations in density.

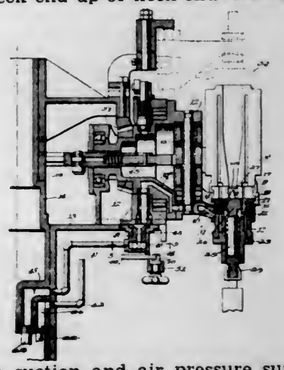
2,129,614

GLASSWARE FORMING APPARATUS

Edward G. Bridges, Anderson, Ind., assignor to Lynch Corporation, a corporation of Indiana

Application February 13, 1930, Serial No. 428,202
7 Claims. (Cl. 49—5)

1. In a glassworking machine, a parison mold having longitudinal side wall suction passages in communication with the cavity thereof, a neck mold associated with said parison mold and having suction passages communicating with the suction passages of the parison mold, mouth forming pin mechanism associated with said neck mold a revoluble mounting for said parison and neck molds by means of which said molds may be oriented to neck end up or neck end down position,



a common suction and air pressure supply line in said revoluble mounting and means for applying suction to the neck mold cavity and parison mold cavity when the mouth pin is in closed position therein, and means controlled by the mouth pin in its withdrawn position for admitting pressure air from said supply line to the neck mold cavity to the exclusion of the parison mold cavity.

2,129,615

VULCANIZATION OF RUBBER

William C. Calvert, Oak Park, Ill., assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

No Drawing. Application August 3, 1935, Serial No. 34,601
16 Claims. (Cl. 18—53)

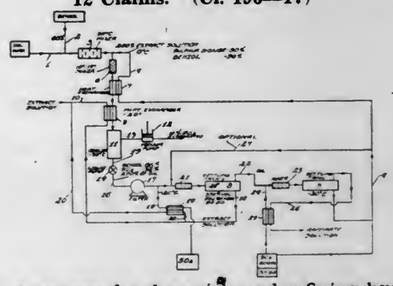
1. The process of vulcanizing rubber which comprises subjecting it to vulcanization in the presence of a condensation product of an aliphatic aldehyde and an ethylene diamine substituted in only one amino group and therein by at least one hydrocarbon radical.

2,129,616

MANUFACTURE OF IMPROVED LUBRICATING OILS

Wolfgang Grote and Alfred Hoppe, Berlin-Wilmersdorf, Germany, assignors to Edeleanu Gesellschaft m. b. H., a corporation of Germany

Application January 12, 1935, Serial No. 1,582
In Germany January 24, 1934
12 Claims. (Cl. 196—17)



1. A process for dewaxing and refining hydrocarbon oils, comprising dissolving the oil in a

mixture of liquid sulphur dioxide with a diluting aid of the character typified by benzol, homologues of benzol and similarly acting low boiling substances miscible therewith and with the oil, and mixtures of these, for the purpose of dewaxing the oil and also for the subsequent refining of the oil, the diluting of the oil for the purpose of dewaxing being done with a mixture of these solvents containing the diluting aid in excess, cooling the mixture to separate out the wax, raising the sulphur dioxide concentration in the dewaxed oil-solvent solution so that the desired separation of the oil into extract and raffinate is obtained, re-extracting the raffinate with a solvent comprising liquid sulphur dioxide, and recycling a part of the extract solution thus obtained to commingle same with the incoming waxy oil and diluting aid.

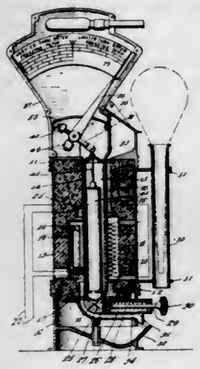
2,129,617

INDICATING HYDROMETER

Robert H. Hill, Anderson, Ind., assignor to Warner Machine Products, Inc., Muncie, Ind., a corporation of Indiana

Application April 6, 1936, Serial No. 72,963

9 Claims. (Cl. 265—45)



1. An indicating hydrometer, comprising a metal body having a cylindrical float chamber with thick walls, a cylindrical float of slightly smaller diameter than said chamber disposed therein, said body being provided with an inlet passage extending downwardly through the float-chamber wall and communicating with said float chamber near the bottom thereof, said float chamber being provided with a fixed overflow discharge opening, means for heating said body, a device responsive to the temperature of said body for controlling said heating means, and indicating mechanism operatively connected to said float and responsive to the vertical position thereof.

2,129,618

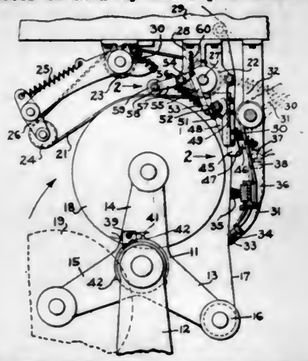
WEB SUPPLY MECHANISM FOR PRINTING MACHINES

Albert J. Horton, White Plains, N. Y., assignor to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York

Application October 11, 1935, Serial No. 44,485

19 Claims. (Cl. 242—58)

16. In a web supply mechanism, means to support one of a plurality of replacement rolls varying in diameter, with its axis in a determined position, movable means to deflect a running web toward the periphery of the replacement roll, and means positioned in accordance with the diameter of and by the replacement roll. to



vary the web deflecting movement of the web deflecting means.

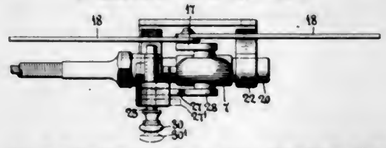
2,129,619

WINDSHIELD CLEANER

Erwin C. Horton, Hamburg, N. Y., assignor to Trico Products Corporation, Buffalo, N. Y.

Application August 30, 1935, Serial No. 38,609

7 Claims. (Cl. 15—255)



1. In a window cleaner, an actuating shaft, a movably mounted head in which the shaft is journaled, a drive for the shaft, transmission means connecting the shaft to the drive and having a part journaled in the head for movement therewith and with the shaft as a unit for rendering the drive ineffective on the shaft, an abutment adjacent the head, and a cam movable with the cleaner mechanism and ridable upon the abutment to cam the head away therefrom and thereby effect such movement of the head, shaft and transmission part as a unit to arrest the shaft, said abutment and cam being relatively movable to normally dispose the one inoperative to the other.

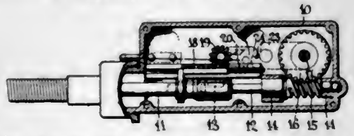
2,129,620

WINDSHIELD CLEANER

Erwin C. Horton, Hamburg, N. Y., assignor to Trico Products Corporation, Buffalo, N. Y.

Application January 21, 1935, Serial No. 2,830

7 Claims. (Cl. 15—255)



1. Mechanism of the character described comprising an actuating shaft, a trip member operable with the shaft in an arcuate path, means for operating the shaft, means for disconnecting the shaft from its operating means to arrest the shaft, said arresting means including a pivoted arm operatively connected to effect such disconnection upon movement of the pivoted arm by the

trip member, said arm being normally disposed out of the path of said trip member and adapted to be moved bodily into such path for movement by said trip member, and a spring anchored at one end and acting on the arm to urge it to a position for releasing the shaft from its operating means when said arm is moved by said trip member.

2,129,621

THIAZYL MERCAPTIDE DERIVATIVES

Joy G. Lichty, Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 16, 1936, Serial No. 85,546

17 Claims. (Cl. 260—299)

1. The addition product of zinc benzothiazyl mercaptide and cyclohexyl amine, associated with not more than about 10% of material extraneous to such product.

2,129,622

FLOORING MATERIAL AND METHOD FOR MAKING SAME

Frank H. Manchester, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

Application January 22, 1935, Serial No. 2,854

12 Claims. (Cl. 154—2)



1. Flooring material with a smooth upper surface composed of rubber blocks of different thickness on a matrix composed of vulcanized rubber and a subdivided cushioning material, the cushioning material under thick blocks being compressed to a greater extent than cushioning material under thinner blocks.

8. The method of making flooring having a smooth upper surface which comprises forcing blocks of inlay of different thickness against a matrix of substantially uniform thickness composed of unvulcanized rubber and a subdivided cushioning material, by bringing the exposed surfaces of the blocks into pressure contact with a flat surface thereby compressing to different extents the cushioning material under blocks of different thickness, and vulcanizing the rubber of the matrix while thus holding the cushioning material under compression.

2,129,623

RAYON TREATMENT

William Howard Nicol, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

No Drawing. Application January 14, 1935, Serial No. 1,782

9 Claims. (Cl. 154—40)

1. The method of treating rayon which comprises covering the rayon with an adhesive by first applying a protein adhesive to the rayon and then applying latex thereto, thereafter applying rubber and vulcanizing.

2,129,624

STUD AND RAFTER

Albert Rafter, Glen Ridge, N. J., assignor to Rafter Machine Company, Belleville, N. J., a partnership composed of Albert Rafter and John C. Rafter, Jr.

Application December 4, 1936, Serial No. 114,152

5 Claims. (Cl. 189—37)

1. In a metal structural member for building construction, a pair of spaced plates provided with a plurality of spaced apertures along the longitudinal center line thereof, inwardly directed flanges surrounding said apertures and integral



with said plates, said flanges being tapered to a thin hard edge the edges of flanges on one plate engaging the edges of the flanges on the other plate, and secured to each other by a metal bead formed by welding said edges to each other.

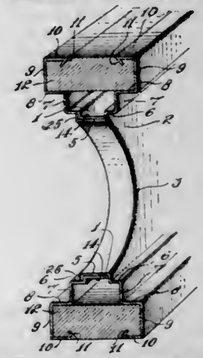
2,129,625

STUD AND RAFTER

Albert Rafter, Glen Ridge, N. J., assignor to Rafter Machine Company, Belleville, N. J., a partnership of New Jersey, composed of Albert Rafter and John C. Rafter, Jr.

Application February 20, 1937, Serial No. 126,832

3 Claims. (Cl. 189—37)



1. In a structural member for building construction, a first plate and a second plate spaced from each other and provided with a plurality of spaced apertures, inwardly directed flanges surrounding said apertures and integral with said plates, the flanges on the first plate being positioned within the flanges on the second plate and having a portion bent over said second plate to provide means for interlocking the plates together, the bent over portion abutting longitudinally extending shoulders on the second plate.

2,129,626

PNEUMATIC TIRE

Theodore A. Riehl, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

No Drawing. Application March 31, 1937, Serial No. 134,099

3 Claims. (Cl. 91—68)

1. In the method of manufacturing pneumatic tires from artificial silk using a casein-latex type

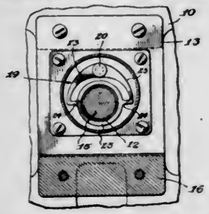
adhesive to bond the artificial silk to the rubber, the steps which comprise treating the artificial silk with an emulsion of water and a low-boiling volatile oil and then applying the adhesive while the artificial silk is still wet.

2,129,627
DISPENSING DEVICE
William Hupp Sands and Howard Nelson Moore, Gambrills, Md.
Application October 28, 1935, Serial No. 47,197
9 Claims. (Cl. 128—271)



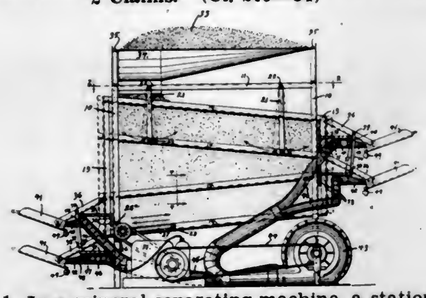
1. In dispensing means for medicaments or the like, an elongate collapsible tubular container adapted to contain said material, a readily removable closure for one end of said container, the opposite end of said container being closed, said tubular container having throughout its length a small transverse dimension as compared to its longitudinal dimension, said tubular container being so constructed that it may be easily inserted into a body cavity and progressively collapsed upon withdrawal by pressure substantially transverse to its longitudinal axis whereby a portion of its contents is ejected into said body cavity, said tubular container having substantially the same cross-sectional area throughout that portion of its length which is to be inserted in a body cavity.

2,129,628
VOICE COIL SUSPENSION
Igor B. Serge, Grosse Pointe Park, Mich.
Application December 20, 1935, Serial No. 55,307
5 Claims. (Cl. 179—115.5)



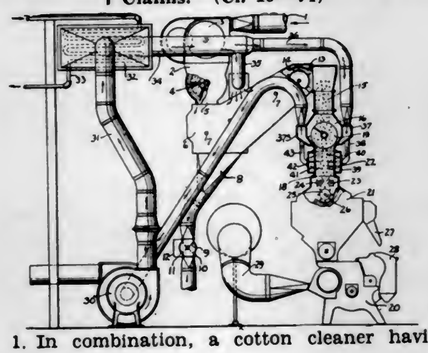
1. A single vibratory voice coil suspension for a sound reproducer and providing a unitary support serving as the sole supporting means for one end of the voice coil structure, said suspension comprising a semi-elliptical spider anchored at one end only and including a voice coil supporting portion and flexible arm portions, said arm portions being so constructed and arranged as to vibrate without being substantially stretched.

2,129,629
MINERAL SEPARATING MACHINE
James A. Slaughter, Omaha, Nebr., assignor to New Process Mining Corporation, New York, N. Y., a corporation of New York
Application December 14, 1936, Serial No. 115,823
2 Claims. (Cl. 209—34)



1. In a mineral separating machine, a stationary frame, an oscillatable frame operatively associated with the stationary frame, a plurality of vertically spaced downwardly inclined screens secured to the oscillatable frame, each of said screens being of different sized mesh, the upper screen having the largest mesh and each successive lower screen having a smaller mesh than the one immediately above it, means for supporting each screen in substantially a single plane, a receiving chute for each screen adjacent the lower end thereof adapted to receive material from the surface of its respective screen, said chutes being downwardly and outwardly inclined, an outwardly and upwardly inclined discharge chute secured to each receiving chute adjacent the lower end of the latter, the free end of the receiving chute being spaced upwardly of the bottom of the discharge chute, a trough at the lower end of the discharge chute extending the entire width of said chute, said trough being removable from the chute, a nozzle for each receiving chute and secured in operative association therewith, said nozzle being adapted to direct a current of air between the free end of the receiving chute and the bottom of the discharge chute, means for supplying air under pressure to each nozzle, means for individually regulating the pressure of the air supplied to each nozzle, and means for rapidly oscillating the oscillatable frame.

2,129,630
DRIER FOR COTTON TREATING MACHINES
John Arnold Streun, Sherman, Tex., assignor to Hardwicke-Etter Company, Sherman, Tex., a corporation
Application March 6, 1936, Serial No. 67,433
7 Claims. (Cl. 19—74)

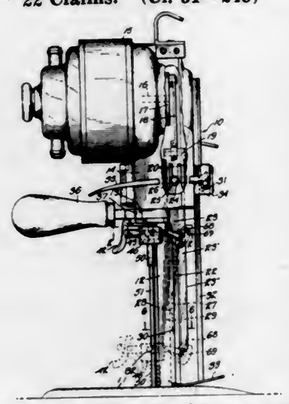


1. In combination, a cotton cleaner having outlets for cotton and for trash, means to seal the passage of air currents from said outlets, a distributor arranged to receive cotton from said cleaner, feeders below said distributor, a hopper for each feeder to receive cotton from said distributor, means to heat the cotton in said distributor and means to cause a current of hot air transversely through said hoppers.

2,129,631
HYDROGENATION OF PHENYL PRIMARY AMINES
Charles F. Winans, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 21, 1937, Serial No. 138,165
6 Claims. (Cl. 260—583)

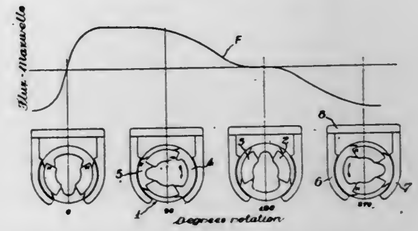
1. In the hydrogenation of aniline, the method of increasing the yield of cyclohexylamine which comprises conducting the hydrogenation from the start in the presence of dicyclohexylamine.

2,129,632
CLOTH CUTTING MACHINE
Samuel Segal, Brooklyn, N. Y.
Application December 7, 1937, Serial No. 178,474
22 Claims. (Cl. 51—248)



4. In a cloth cutting machine, a reciprocable blade having vertical and beveled faces defining a vertical edge, vertically disposed guide means arranged rearwardly of said blade, a horizontally swingable and vertically slidable carriage rotatably and reciprocably mounted on said guide means, rotatable grinding wheels sustained by said carriage and straddling said blade and having substantially continuously curved rim surfaces defining successive tangential lines of contact upon alternative engagement of said surfaces with said faces, said successive lines of contact upon engagement of said wheels severally and alternatively against said faces being disposed at an incline in respect to a plane normal to said vertical edge, said surfaces each having a continuous edge disposed at an incline in respect to said vertical edge and constituting corresponding edge portions of said lines severally coincident only with said vertical edge upon engagement of respective surfaces against said faces during reciprocation of said blade.

2,129,633
MAGNETOGENERATOR
Lloyd H. Scott, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application April 29, 1937, Serial No. 139,773
5 Claims. (Cl. 171—209)



1. In a high tension magneto, a two-pole rotor having pole shoes of unequal circumferential extent, and a two-pole stator, the pole shoes of which are so spaced circumferentially of the rotor that in one angular position of the rotor they substantially bridge the spaces between the pole shoes thereof.

DESIGNS

SEPTEMBER 6, 1938

111,126
DESIGN FOR A DRESS
Jacob Abbate, New York, N. Y.
Application July 29, 1938, Serial No. 78,942
Term of patent 3½ years



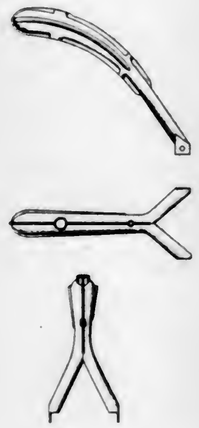
The ornamental design for a dress, substantially as shown.

111,127
DESIGN FOR A DRESS
Jacob Abbate, New York, N. Y.
Application July 29, 1938, Serial No. 78,944
Term of patent 3½ years



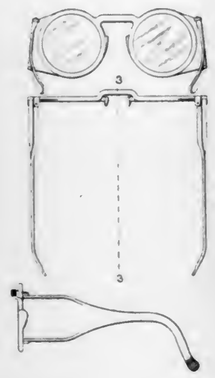
The ornamental design for a dress, substantially as shown.

111,128
DESIGN FOR A VELOCIPEDE FRAME MEMBER
Bert J. Anderson, Hammond, Ind.
Application January 24, 1938, Serial No. 74,495
Term of patent 14 years



The ornamental design for a velocipede frame member as shown.

111,129
DESIGN FOR A PAIR OF GOGGLES OR SIMILAR ARTICLE
John Bolten, Andover, Mass.
Application July 19, 1938, Serial No. 78,594
Term of patent 7 years



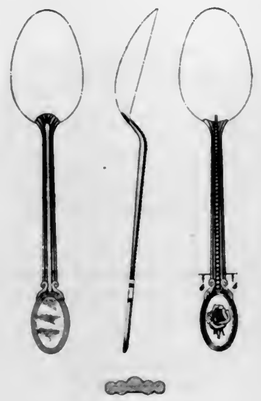
The ornamental design for a pair of goggles or similar article, substantially as shown.

111,130
DESIGN FOR A BUTTON
Stanley R. Borel, Cheshire, Conn., assignor to The Patent Button Company, Waterbury, Conn., a corporation of Connecticut
Application July 12, 1938, Serial No. 78,424
Term of patent 14 years



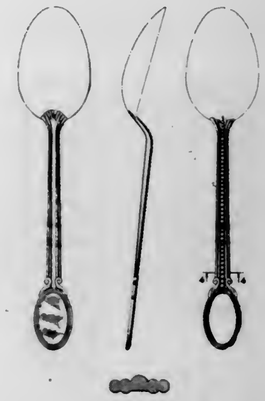
The ornamental design for a button, as shown.

111,131
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
Elizabeth Alberta Brenner, Youngstown, Ohio
Application June 22, 1938, Serial No. 77,990
Term of patent 14 years



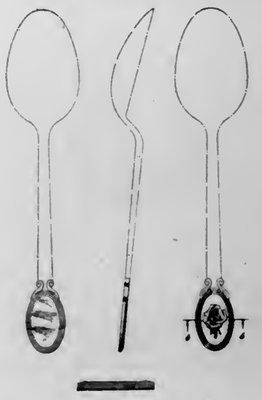
The ornamental design for a spoon or other article of flatware, substantially as shown.

111,132
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
Elizabeth Alberta Brenner, Youngstown, Ohio
Application June 22, 1938, Serial No. 77,991
Term of patent 14 years



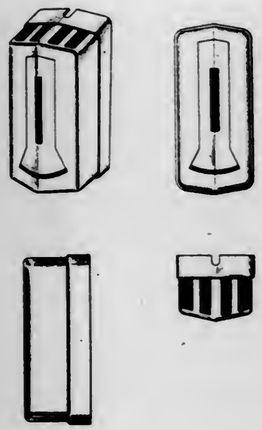
The ornamental design for a spoon or other article of flatware, substantially as shown.

111,133
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
Elizabeth Alberta Brenner, Youngstown, Ohio
Application June 22, 1938, Serial No. 77,992
Term of patent 14 years



The ornamental design for a spoon or other article of flatware, substantially as shown.

111,134
DESIGN FOR AN AIR CONDITIONING CONTROL HOUSING
Carl H. Dicke, Dayton, Ohio, assignor to The Master Electric Company, Dayton, Ohio, a corporation of Ohio
Application June 13, 1938, Serial No. 77,806
Term of patent 3½ years



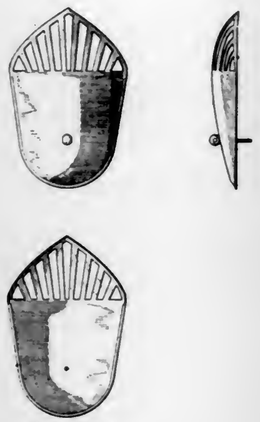
The ornamental design for an air conditioning control housing, substantially as shown.

111,135
DESIGN FOR A BRACELET
Daniel F. Ebbert, Wheeling, W. Va.
Application June 28, 1938, Serial No. 78,114
Term of patent 7 years



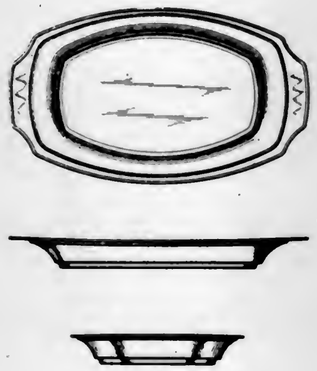
The ornamental design for a bracelet, substantially as shown.

111,136
DESIGN FOR A BATHTUB OVERFLOW SHIELD
Walter H. Ehrhorn, San Francisco, Calif.
Application April 11, 1938, Serial No. 76,436
Term of patent 3½ years



The ornamental design for a bathtub overflow shield, as shown.

111,137
DESIGN FOR A TRAY
Simon W. Farber, Brooklyn, N. Y.
Application June 14, 1938, Serial No. 77,820
Term of patent 14 years



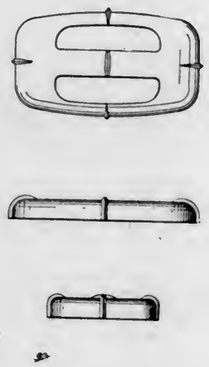
The ornamental design for a tray, substantially as shown.

111,138
DESIGN FOR A GOLF BAG
Arnold Firle, Fond du Lac, Wis.
Application June 15, 1938, Serial No. 77,853
Term of patent 7 years



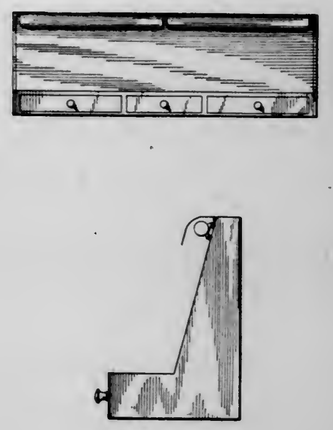
The ornamental design for a golf bag, as shown and described.

111,139
DESIGN FOR A COVER PLATE FOR THERMOMETERS OR THE LIKE
George E. Ford, Rochester, N. Y., assignor to Rochester Manufacturing Company, Rochester, N. Y., a corporation of New York
Application February 28, 1938, Serial No. 75,460
Term of patent 7 years



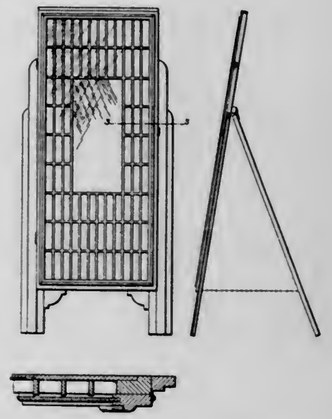
The ornamental design for a cover plate for thermometers or the like, as shown.

111,140
DESIGN FOR A MERCHANDISE DISPLAY RACK
Harold A. Granquist, Duluth, Minn., assignor to Marshall-Wells Company, Duluth, Minn., a corporation of New Jersey
Application May 5, 1938, Serial No. 77,015
Term of patent 7 years



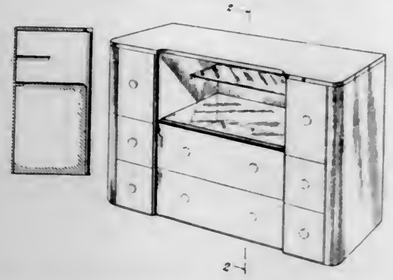
The ornamental design for a merchandise display rack, as shown.

111,141
DESIGN FOR A POCKETKNIFE DISPLAY RACK
Harold A. Granquist, Duluth, Minn., assignor to Marshall-Wells Company, Duluth, Minn., a corporation of New Jersey
Application May 5, 1938, Serial No. 77,016
Term of patent 7 years



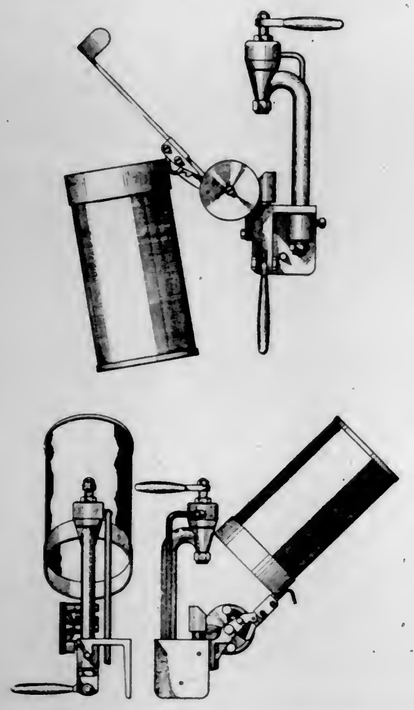
The ornamental design for a pocketknife display rack, as shown.

111,142
DESIGN FOR A BUFFET OR SIMILAR ARTICLE
Martin Hanson, Chicago, Ill.
Application July 19, 1938, Serial No. 78,590
Term of patent 3½ years



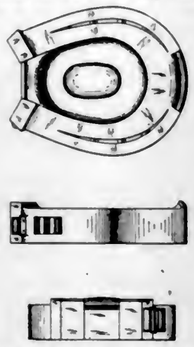
The ornamental design for a buffet or similar article, as shown and described.

111,143
DESIGN FOR A CARBONATED WATER BOTTLE FILLER
Robert J. Helberg, Seattle, Wash., assignor to Syfil Corporation, Seattle, Wash., a corporation of Washington
Application March 9, 1938, Serial No. 75,705
Term of patent 7 years



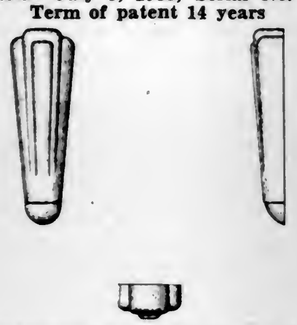
The ornamental design for a carbonated water bottle filler, as shown.

111,144
DESIGN FOR A COMBINED CHANGE TRAY AND GUMMED TAPE HOLDER
Jacob Jonik, Detroit, Mich.
Application January 25, 1938, Serial No. 74,521
Term of patent 3½ years



The ornamental design for a combined change tray and gummed tape holder, as shown.

111,145
DESIGN FOR AN ARM FOR BURIAL CASKET HANDLES
Stephen Junkunc, Jr., Oak Park, Ill., assignor to Stephen Junkunc, Sr., Oak Park, Ill.
Application July 8, 1938, Serial No. 78,340
Term of patent 14 years



The ornamental design for an arm for burial casket handles, as shown.

111,146
DESIGN FOR A DRESS
Hyman J. Katz, New York, N. Y.
Application July 21, 1938, Serial No. 78,633
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,147
DESIGN FOR A DRESS
Hyman J. Katz, New York, N. Y.
Application July 21, 1938, Serial No. 78,634
Term of patent 3½ years



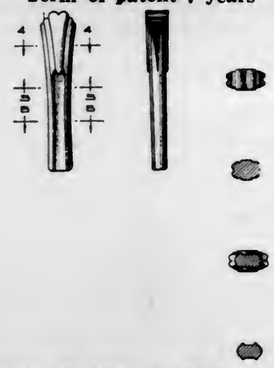
The ornamental design for a dress, substantially as shown.

111,148
DESIGN FOR A DRESS
Hyman J. Katz, New York, N. Y.
Application July 21, 1938, Serial No. 78,635
Term of patent 3½ years



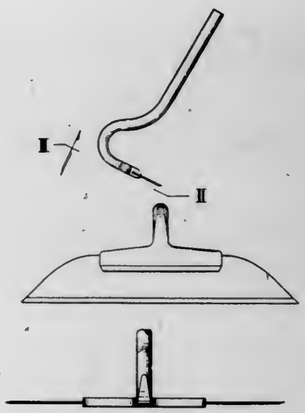
The ornamental design for a dress, substantially as shown.

111,149
DESIGN FOR A HANDLE FOR KNIVES, FORKS, SPOONS, AND SIMILAR ARTICLES
Nathaniel Mirsky, Brooklyn, N. Y., assignor to H. Boker & Co. Inc., New York, N. Y., a corporation of New York
Application July 6, 1938, Serial No. 78,310
Term of patent 7 years



The ornamental design for a handle for knives, forks, spoons, and similar articles, substantially as shown.

111,150
DESIGN FOR A HOE
Harry Paschen, Sylvania, Ohio
Application April 30, 1938, Serial No. 76,897
Term of patent 14 years



The ornamental design for a hoe substantially as shown.

111,151
DESIGN FOR A PERCOLATOR URN OR SIMILAR ARTICLE
Raymond E. Patten, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York
Application April 9, 1937, Serial No. 68,640
Term of patent 14 years



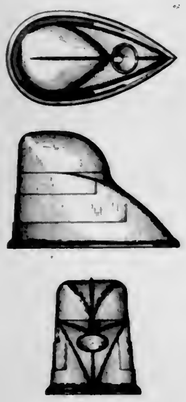
The ornamental design for a percolator urn or similar article as shown.

111,152
DESIGN FOR A DRESS
Mildred Roher, New York, N. Y.
Application July 29, 1938, Serial No. 78,941
Term of patent 3½ years



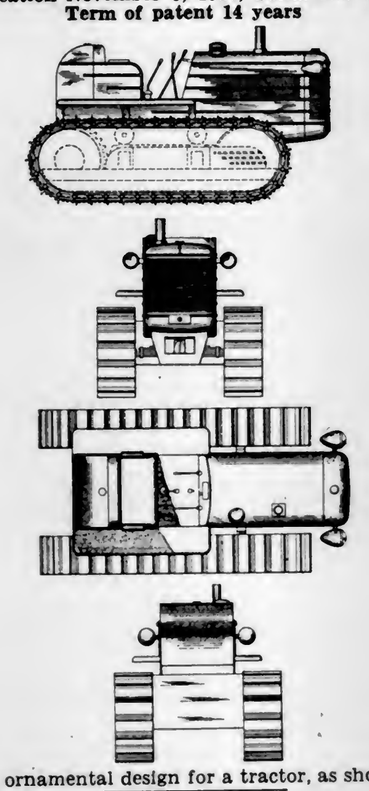
The ornamental design for a dress, substantially as shown.

111,153
DESIGN FOR A RESERVOIR DESK STAND OR SIMILAR ARTICLE
Robert Rose, Chicago, Ill., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa, a corporation of Delaware
Application July 15, 1938, Serial No. 78,499
Term of patent 7 years



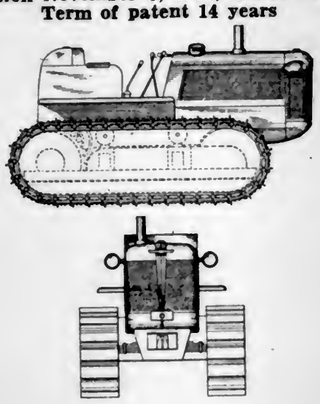
The ornamental design for a reservoir desk stand or similar article, substantially as shown.

111,154
DESIGN FOR A TRACTOR
Albert W. Scarratt, Kenilworth, and Theodore H. Koeber, Chicago, Ill., assignors to International Harvester Company, a corporation of New Jersey
Application November 6, 1937, Serial No. 72,667
Term of patent 14 years

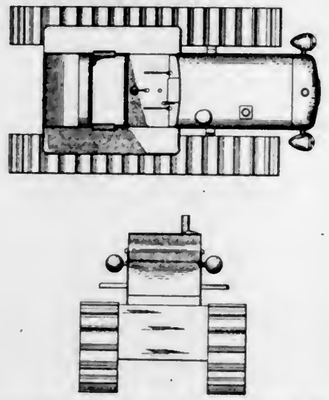


The ornamental design for a tractor, as shown.

111,155
DESIGN FOR A TRACTOR
Albert W. Scarratt, Kenilworth, and Theodore H. Koeber, Chicago, Ill., assignors to International Harvester Company, a corporation of New Jersey
Application November 6, 1937, Serial No. 72,668
Term of patent 14 years

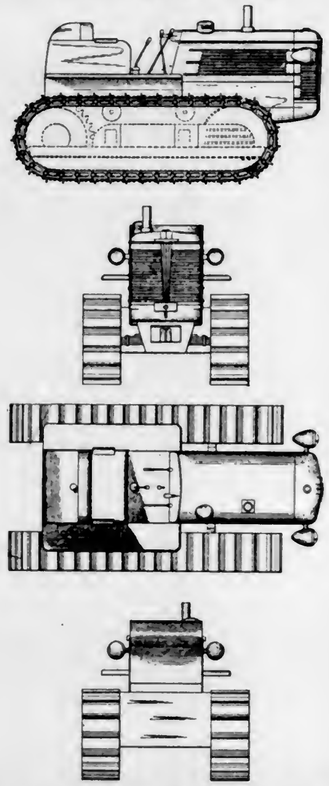


111,155—Continued



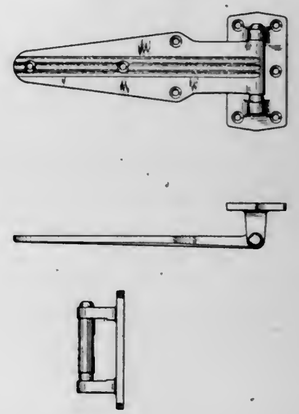
The ornamental design for a tractor, as shown.

111,156
DESIGN FOR A TRACTOR
Albert W. Scarratt, Kenilworth, and Theodore H. Koeber, Chicago, Ill., assignors to International Harvester Company, a corporation of New Jersey
Application November 6, 1937, Serial No. 72,669
Term of patent 14 years



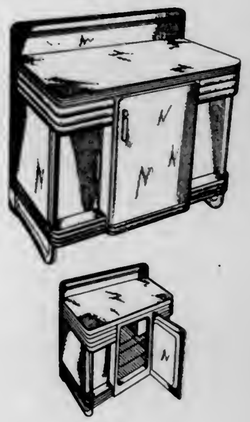
The ornamental design for a tractor, as shown.

111,157
DESIGN FOR A HINGE
Thomas O. Schrader, Allentown, Pa., assignor to The Dent Hardware Company, Fullerton, Pa., a corporation of Pennsylvania
Application February 9, 1938, Serial No. 75,021
Term of patent 7 years



The ornamental design for a hinge, substantially as shown.

111,158
DESIGN FOR A COMBINATION REFRIGERATOR AND SERVING TABLE
Arthur P. Schulz, Michigan City, Ind., assignor to G. & J. Teller, Chicago, Ill., a partnership consisting of Grace Teller and Jacob Teller
Application January 8, 1938, Serial No. 74,142
Term of patent 14 years



The ornamental design for a combination refrigerator and serving table, as shown.

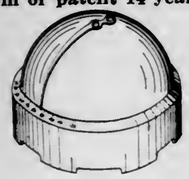
111,159
DESIGN FOR A FRATERNAL PIN OR SIMILAR ARTICLE
Fred J. Theleman, Milwaukee, Wis., assignor to Women's International Bowling Congress, Incorporated
Application April 22, 1938, Serial No. 76,708
Term of patent 14 years

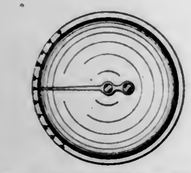


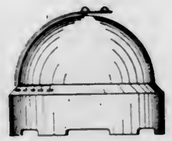


The ornamental design for a fraternal pin or similar article, as shown.

111,160
DESIGN FOR A THERMOMETER
Martin E. Trollen, St. Paul, Minn., assignor to Brown & Bigelow, St. Paul, Minn., a corporation of Minnesota
Application June 2, 1938, Serial No. 77,532
Term of patent 14 years

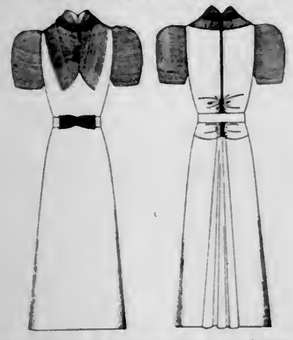






The ornamental design for a thermometer, as shown.

111,161
DESIGN FOR A DRESS
John Tuman, New York, N. Y.
Application July 21, 1938, Serial No. 78,619
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,162
DESIGN FOR A DRESS
John Tuman, New York, N. Y.
Application July 21, 1938, Serial No. 78,620
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,163
DESIGN FOR A DRESS ENSEMBLE
John Tuman, New York, N. Y.
Application July 21, 1938, Serial No. 78,621
Term of patent 3½ years



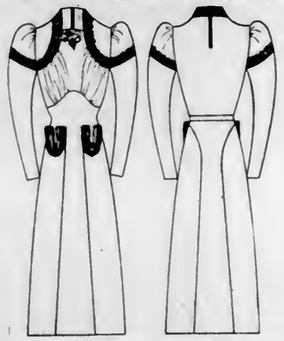
The ornamental design for a dress ensemble, substantially as shown and described.

111,164
DESIGN FOR A DRESS
John Tuman, New York, N. Y.
Application July 21, 1938, Serial No. 78,622
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,165
DESIGN FOR A DRESS
John Tuman, New York, N. Y.
Application July 21, 1938, Serial No. 78,623
Term of patent 3½ years



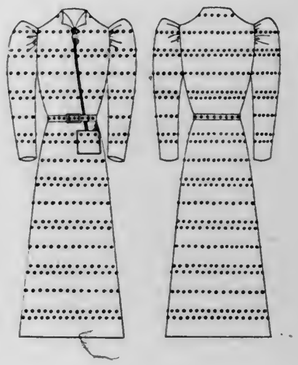
The ornamental design for a dress, substantially as shown.

111,166
DESIGN FOR A DRESS
John Tuman, New York, N. Y.
Application July 21, 1938, Serial No. 78,624
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,167
DESIGN FOR A DRESS
John Tuman, New York, N. Y.
Application July 21, 1938, Serial No. 78,625
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,168
DESIGN FOR A DRESS
Philip Zahn, New York, N. Y.
Application July 22, 1938, Serial No. 78,652
Term of patent 3½ years



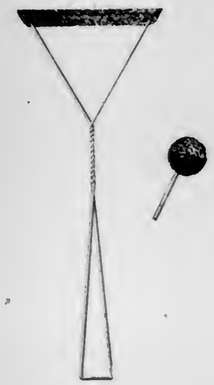
The ornamental design for a dress, substantially as shown.

111,169
DESIGN FOR A BOTTLE
Jean W. Bicks, Chicago, Ill., assignor to Carr-Lowrey Glass Co., Baltimore, Md.
Application July 9, 1938, Serial No. 78,360
Term of patent 14 years



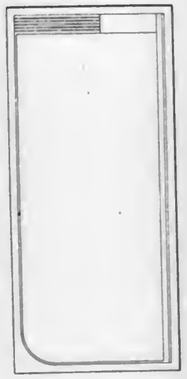
The ornamental design for a bottle, as shown.

111,170
DESIGN FOR A WINDOW CLEANING BRUSH
Frances Rogers Brown, Watertown, N. Y.
Application December 23, 1937, Serial No. 73,837
Term of patent 14 years



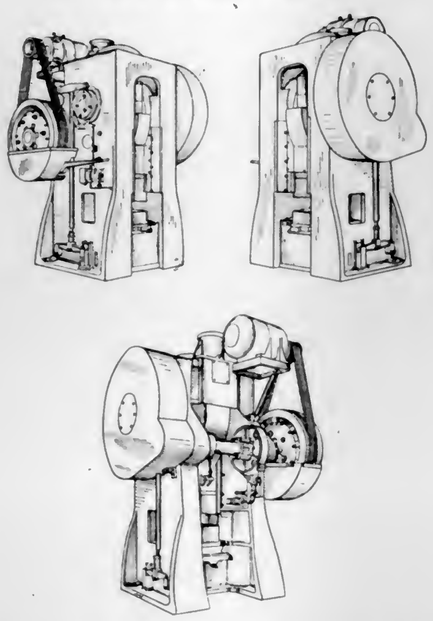
The ornamental design for a window cleaning brush, as shown and described.

111,171
DESIGN FOR A CHECK OR SIMILAR ARTICLE
Richard C. Browne, Rochester, N. Y., assignor to The Todd Company, Inc., Rochester, N. Y., a corporation of New York
Application July 8, 1938, Serial No. 78,352
Term of patent 14 years



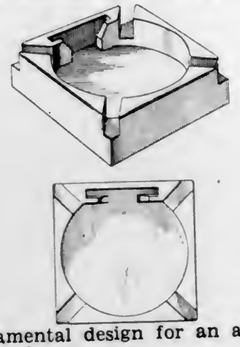
The ornamental design for a check or similar article, as shown.

111,172
DESIGN FOR A FORGING PRESS
William W. Criley, Cleveland, Ohio
Application July 8, 1938, Serial No. 78,343
Term of patent 7 years



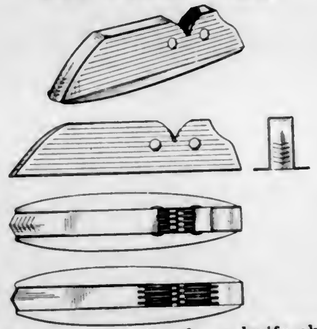
The ornamental design for a forging press, as shown.

111,173
DESIGN FOR AN ASHTRAY
Freeman Richard Cass, Trenton, N. J., assignor to Mitchell-Bissell Company, Trenton, N. J., a corporation of New Jersey
Application March 14, 1938, Serial No. 75,809
Term of patent 7 years



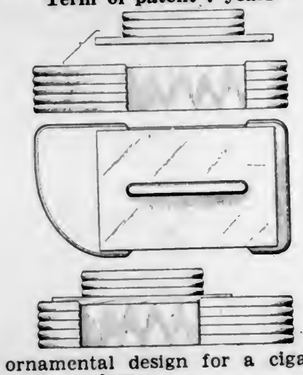
The ornamental design for an ashtray, substantially as shown.

111,174
DESIGN FOR A KNIFE SHARPENER
Edward W. Carpenter, Fairfield, Conn.
Application January 17, 1938, Serial No. 74,370
Term of patent 7 years



The ornamental design for a knife sharpener, as shown.

111,175
DESIGN FOR A CIGARETTE BOX
George C. De Hart, Los Angeles, Calif.
Application June 19, 1937, Serial No. 69,936
Term of patent 7 years



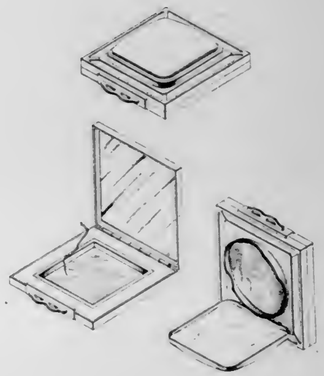
The ornamental design for a cigarette box, substantially as shown.

111,176
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Robert Frick, Scarsdale, N. Y.
Application July 1, 1938, Serial No. 78,202
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown and described.

111,177
DESIGN FOR A VANITY CASE OR SIMILAR ARTICLE
George Gamble, Cambridge, Mass.
Application April 23, 1938, Serial No. 76,724
Term of patent 3½ years



The ornamental design for a vanity case or similar article, as shown and described.

111,178
DESIGN FOR AN EMBOSSED LEATHER SHEET OR SIMILAR ARTICLE
James E. Goldberg, New York, N. Y.
Application July 13, 1938, Serial No. 78,450
Term of patent 3½ years



The ornamental design for an embossed leather sheet or similar article, substantially as shown.

111,179
DESIGN FOR A DRESS
Maurice B. Green, Spring Valley, N. Y.
Application July 26, 1938, Serial No. 78,739
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,180
DESIGN FOR A DRESS
Maurice B. Green, Spring Valley, N. Y.
Application July 26, 1938, Serial No. 78,740
Term of patent 3½ years



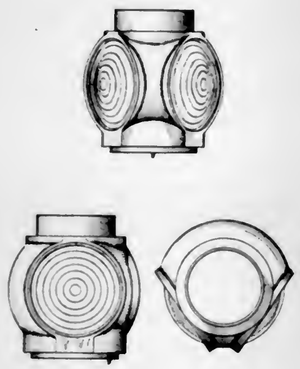
The ornamental design for a dress, substantially as shown.

111,181
DESIGN FOR A DRESS
Maurice B. Green, Spring Valley, N. Y.
Application July 26, 1938, Serial No. 78,741
Term of patent 3½ years



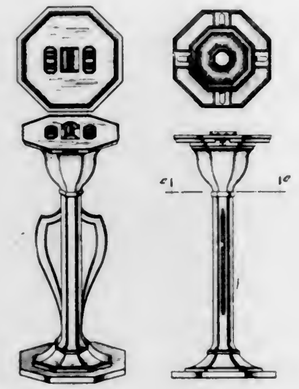
The ornamental design for a dress, substantially as shown.

111,182
DESIGN FOR A MULTIPLE LENS METAL GLOBE FOR LANTERNS
Joseph P. McCarthy, Chicago, Ill.
Application August 17, 1937, Serial No. 71,148
Term of patent 3½ years



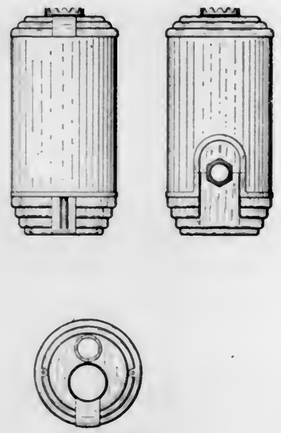
The ornamental design for a multiple lens metal globe for lanterns, as shown.

111,183
DESIGN FOR A SMOKING STAND
John K. Milton, Chicago, Ill.
Application April 7, 1938, Serial No. 76,360
Term of patent 14 years



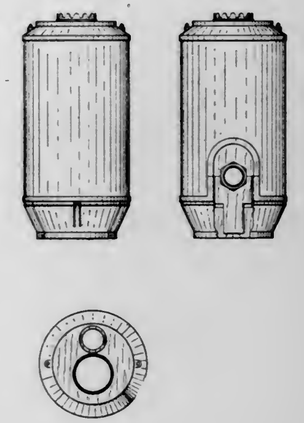
The ornamental design for a smoking stand, as shown.

111,184
DESIGN FOR A DOMESTIC WATER HEATER
Clarence H. Morrow, Shaker Heights, Ohio, assignor to The Hotstream Heater Company, Cleveland, Ohio, a corporation of Ohio
Application May 26, 1938, Serial No. 77,404
Term of patent 14 years



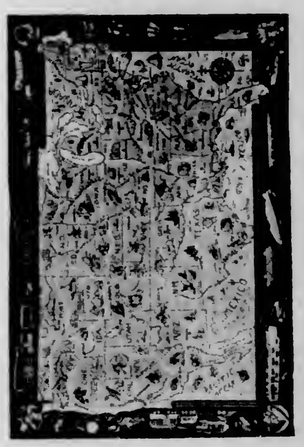
The ornamental design for a domestic water heater, as shown.

111,185
DESIGN FOR A DOMESTIC WATER HEATER
Clarence H. Morrow, Shaker Heights, Ohio, assignor to The Hotstream Heater Company, Cleveland, Ohio, a corporation of Ohio
Application May 26, 1938, Serial No. 77,405
Term of patent 7 years



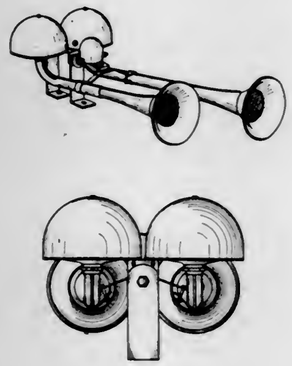
The ornamental design for a domestic water heater, as shown.

111,186
DESIGN FOR A RUG OR SIMILAR ARTICLE
Henry J. Muller, Lancaster, Pa., assignor to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania
Application June 25, 1938, Serial No. 78,055
Term of patent 7 years



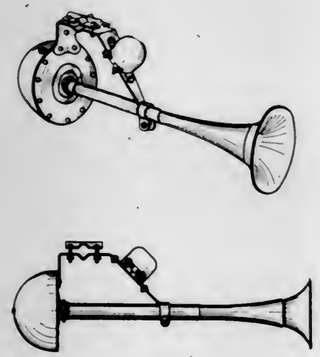
The ornamental design for a rug or similar article, as shown.

111,187
DESIGN FOR AN AUDIBLE SIGNAL UNIT OR SIMILAR ARTICLE
Peter Nielsen, Omaha, Nebr., assignor to Jubilee Manufacturing Company, Omaha, Nebr., a corporation of Nebraska
Application April 16, 1938, Serial No. 76,574
Term of patent 14 years



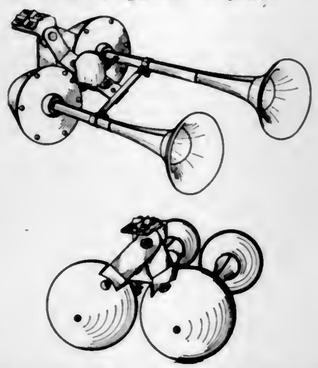
The ornamental design for an audible signal unit or similar article, as shown.

111,188
DESIGN FOR AN AUDIBLE SIGNAL UNIT OR SIMILAR ARTICLE
Peter Nielsen, Omaha, Nebr., assignor to Jubilee Manufacturing Company, Omaha, Nebr., a corporation of Nebraska
Application April 16, 1938, Serial No. 76,575
Term of patent 14 years



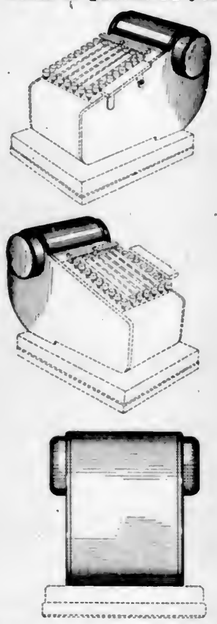
The ornamental design for an audible signal unit or similar article, as shown.

111,189
DESIGN FOR AN AUDIBLE SIGNAL UNIT OR SIMILAR ARTICLE
Peter Nielsen, Omaha, Nebr., assignor to Jubilee Manufacturing Company, Omaha, Nebr., a corporation of Nebraska
Application April 16, 1938, Serial No. 76,576
Term of patent 14 years



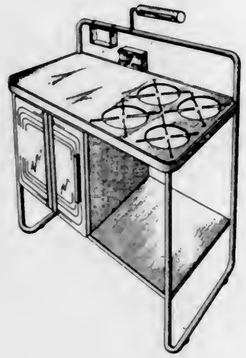
The ornamental design for an audible signal unit or similar article, as shown.

111,190
DESIGN FOR A CHECK IMPRINTING MACHINE OR SIMILAR ARTICLE
Walter B. Payne and Richard C. Browne, Rochester, N. Y., assignors to The Todd Company, Inc., Rochester, N. Y., a corporation of New York
Application June 25, 1938, Serial No. 78,081
Term of patent 14 years



The ornamental design for a check imprinting machine or similar article, substantially as shown and described.

111,191
DESIGN FOR A RANGE
Jacob Teller, Chicago, Ill., and Arthur P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill., a partnership consisting of Grace Teller and Jacob Teller
Application January 4, 1938, Serial No. 74,087
Term of patent 14 years



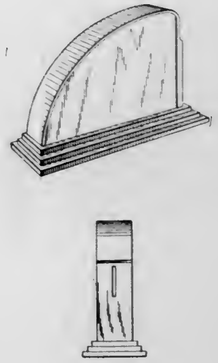
The ornamental design for a range, as shown and described.

111,192
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Arnold Zavell, New York, N. Y.
Application June 27, 1938, Serial No. 78,091
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown and described.

111,193
DESIGN FOR A COIN BANK
David H. Zell, Brooklyn, N. Y.
Application February 12, 1938, Serial No. 75,098
Term of patent 14 years



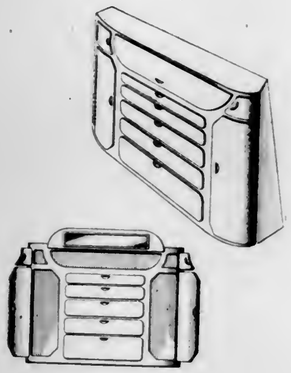
The ornamental design for a coin bank, as shown.

111,194
DESIGN FOR A FOUNDATION GARMENT
Jerome Abeles, Chicago, Ill., assignor to The Formfit Company, Chicago, Ill., a corporation of Illinois
Application July 11, 1938, Serial No. 78,383
Term of patent 3½ years



The ornamental design for a foundation garment, as shown.

111,195
DESIGN FOR AN AUTOMOBILE SEAT WARDROBE
Aileen Armour, Los Angeles, Calif.
Application June 3, 1938, Serial No. 77,549
Term of patent 14 years



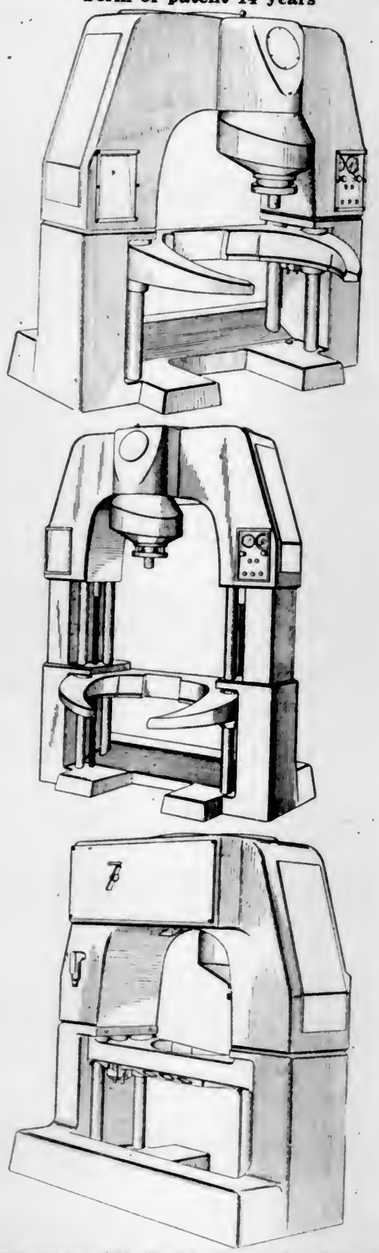
The ornamental design for an automobile seat wardrobe, as shown and described.

111,196
DESIGN FOR A DRESS
Carl H. Colcord, New York, N. Y.
Application July 26, 1938, Serial No. 78,730
Term of patent 3½ years



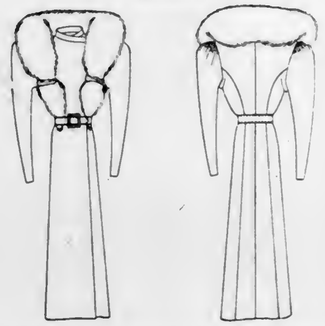
The ornamental design for a dress, substantially as shown and described.

111,197
DESIGN FOR A DOUGH MIXING MACHINE OR SIMILAR ARTICLE
Walter F. Dehuff, Glen Rock, Pa., assignor to American Machine & Foundry Company, a corporation of New Jersey
Application December 16, 1937, Serial No. 73,660
Term of patent 14 years



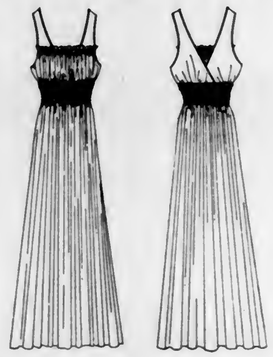
The ornamental design for a dough mixing machine or similar article, as shown and described.

111,198
DESIGN FOR A COAT
Samuel H. Dick, New York, N. Y.
Application June 20, 1938, Serial No. 77,944
Term of patent 3½ years



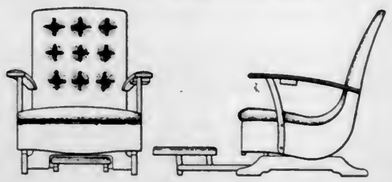
The ornamental design for a coat, substantially as shown and described.

111,199
DESIGN FOR A NIGHTGOWN
Samuel L. Freedgood, Long Beach, N. Y.
Application August 5, 1938, Serial No. 79,133
Term of patent 3½ years



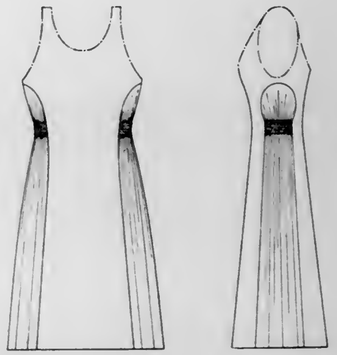
The ornamental design for a nightgown, substantially as shown.

111,200
DESIGN FOR A COMBINED ROCKING CHAIR AND FOOTSTOOL
Chester K. Hasenstein, Sheboygan, Wis.
Application January 10, 1938, Serial No. 74,172
Term of patent 3½ years



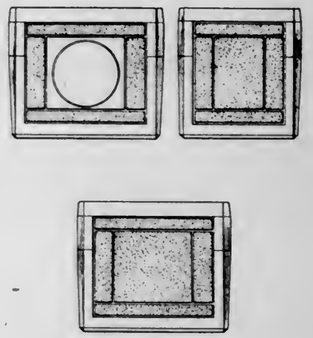
The ornamental design for a combined rocking chair and footstool, as shown.

111,201
DESIGN FOR A SLIP
Arthur Imerman, New York, N. Y., assignor to La Paree Undergarment Co., Inc., Jersey City, N. J., a corporation of New Jersey
Application July 14, 1938, Serial No. 78,465
Term of patent 7 years



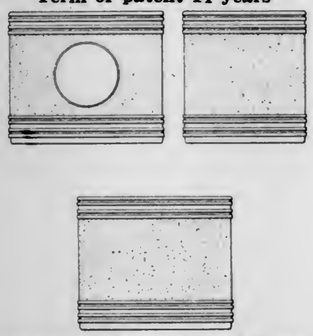
The ornamental design for a slip, substantially as shown and described.

111,202
DESIGN FOR A BATTERY BOX
Raymond Le Clercq, Los Angeles, Calif., assignor to Western Molded Products, Inc., Los Angeles, Calif., a corporation of Ohio
Application June 16, 1937, Serial No. 69,867
Term of patent 14 years



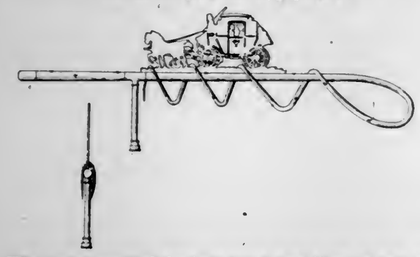
The ornamental design for a battery box, as shown and described.

111,203
DESIGN FOR A BATTERY BOX
Raymond Le Clercq, Los Angeles, Calif., assignor to Western Molded Products, Inc., Los Angeles, Calif., a corporation of Ohio
Application June 16, 1937, Serial No. 69,868
Term of patent 14 years



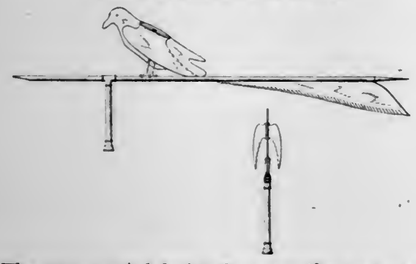
The ornamental design for a battery box, as shown and described.

111,204
DESIGN FOR A WEATHER VANE
Henry C. Orndorff, Providence, R. I.
Application January 14, 1938, Serial No. 74,290
Term of patent 3½ years



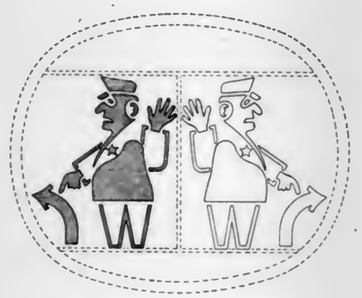
The ornamental design for a weather vane, substantially as shown.

111,205
DESIGN FOR A WEATHER VANE
Henry C. Orndorff, Providence, R. I.
Application January 17, 1938, Serial No. 74,352
Term of patent 3½ years



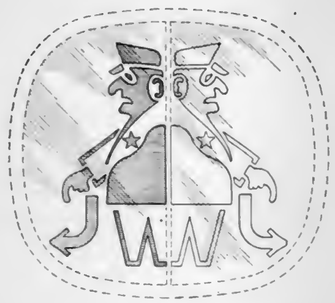
The ornamental design for a weather vane, substantially as shown.

111,206
DESIGN FOR A SIGNAL LAMP FACEPLATE
Daniel M. Rauser, Dixon, Ill.
Application March 7, 1938, Serial No. 75,644
Term of patent 14 years



The ornamental design for a signal lamp faceplate, substantially as shown and described.

111,207
DESIGN FOR A SIGNAL LAMP FACEPLATE
Daniel M. Rauser, Dixon, Ill.
Application March 7, 1938, Serial No. 75,643
Term of patent 14 years



The ornamental design for a signal lamp faceplate, substantially as shown and described.

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September 13, 1938

Trade-Marks	233—No.	360,193 to No.	360,425, inclusive.
Labels	39—No.	51,780 to No.	51,818, inclusive.
Prints	2—No.	17,045 to No.	17,046, inclusive.
Reissues	9—No.	20,852 to No.	20,860, inclusive.
Patents	699—No.	2,129,634 to No.	2,130,332, inclusive.
Designs	107—No.	111,208 to No.	111,314, inclusive.
Total	1,088		

Communications to the Patent Office

RULE 8. A separate letter should in every case be written in relation to each distinct subject of inquiry or application. Assignments for record, final fees, and orders for copies or abstracts must be sent to the Office in separate letters.

Notice of Cancellation

U. S. PATENT OFFICE, *Washington, D. C., Aug. 27, 1938.*

Felix Hertz, his assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Oshkosh Trunks, Inc., Oshkosh, Wis., to effect the cancellation of trade-mark registration No. 180,895, issued March 11, 1924, to Felix Hertz, 60–62 Lispenard Street, New York, N. Y., and a notice of such proceeding sent by registered mail to said Felix Hertz at said address having been returned by the post office as undeliverable, notice is hereby given that unless said Felix Hertz, his assigns or legal representatives, shall enter an appearance within thirty days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN.
First Assistant Commissioner.

Briefs in Appealed Cases

All briefs filed in this Office should have conspicuously printed thereon a statement designating the particular tribunal of the Patent Office to which the brief is addressed.

Disclaimers

1,635,117.—*Francis W. Dunmore,* Washington, D. C. SIGNAL-RECEIVING SYSTEM. Patent dated July 5, 1927. Disclaimer filed August 16, 1938, by the patentee and the exclusive licensee, *Dubilier Condenser Corporation.*

Hereby enter this disclaimer to any

"means associated with said alternating current power supply for impressing a negative potential on said grid electrodes"

in claim 1; to any

"rectifier adapted to supply a negative potential to said grid electrodes"

in claim 2; or

"rectifier adapted to supply a negative potential to the grid electrode in said input circuit"

in claim 3; or

"rectifier adapted to supply a negative potential to said grid electrodes from said source of alternating current"

in claim 4; or

"rectifiers comprising valves containing heated and cold electrodes for negatively charging the grid electrodes"

in claim 5; or

"a two electrode rectifier adapted to supply a negative potential to the grid electrodes".

in claim 6; or

"means for supplying a negative potential to the grid electrode"

in claim 9; or the

"resistance connected across the output side of the filter"

in claim 11; or the

"resistance to produce a voltage drop"

in claim 12; except such as impress a potential of such constancy and magnitude on the grid electrode that the operation of the grid electrode by the signal energy is not impaired by the effects of alternating current hum to which the associated grid circuit, the cathode circuit, and/or the plate circuit are subjected from the source of alternating current.

2,100,753.—*Stanley T. Schofield,* Wilkinsburg, and *Samuel H. Boden,* Turtle Creek, Pa. CIRCUIT INTERRUPTER. Patent dated November 30, 1937. Disclaimer filed August 26, 1938, by the assignee, *Westinghouse Electric & Manufacturing Company.*

Hereby enters this disclaimer to claim 10 of the patent specification.

Condition of Applications Under Examination at Close of Business August 27, 1938

(Total number of applications awaiting action, excluding Trade-Mark Division, 50,896; Trade-Mark Division, 1,345. Oldest new case, Nov. 26, 1937; oldest amended, Nov. 12, 1937.)
(The dates given are 1938 except where † indicates 1937)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Mar. 14	Mar. 15	863
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Mar. 21	Mar. 31	1,060
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	June 1	June 3	552
7083	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Apr. 15	Apr. 14	547
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	May 27	May 27	664
4898C	6. LEWERS, A. M., Carbon Chemistry (part)	Mar. 11	Mar. 8	1,235
5725	7. JARBOE, C. G., Optics; Photography	May 14	May 16	945
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Jan. 24	Feb. 14	939
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	May 25	May 25	435
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies and Tops; Vehicle Fenders; Spring Devices.	Apr. 7	Apr. 13	807
5087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	May 11	May 13	540
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	Jan. 12	Jan. 12	939
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Mar. 31	Mar. 31	573
5097	14. SMITH, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	June 1	June 1	543
4897	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Apr. 15	Apr. 15	1,377
5716	16. SPENCER, C. J., Telegraphy; Telephony	Mar. 14	Mar. 16	947
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Apr. 1	Apr. 1	858
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Mar. 23	Mar. 29	581
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Mar. 24	Mar 29	807
6605	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Mar. 10	Mar. 7	546
7733	21. THOMPSON, T. J., Textiles: Cloth Finishing	May 18	May 18	519
5600	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	May 13	May 14	685
7624	23. BUTTNER, W. J., Registers (part)	†Nov. 26	†Nov. 12	329
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	May 28	May 27	669
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	May 3	May 5	642
5893	26. YOUNG, R. R., Electricity, Generation; Motive Power	Apr. 27	Apr. 27	598
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Feb. 24	Feb. 25	1,218
4628	28. SOLYOM, H. L., Internal-Combustion Engines	Mar. 1	Feb. 11	603
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Mar. 2	Mar. 7	934
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Mar. 4	Mar. 4	854
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	May 27	May 27	633
4086	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	May 7	May 6	635
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	May 13	May 6	975
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	May 11	May 3	413
3876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Apr. 22	Apr. 8	868
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Mar. 1	Mar. 15	660
5886B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Mar. 7	Feb. 21	996
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stoneworking; Wells; Plastic Compositions.	Jan. 24	Jan. 27	882
4878	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Apr. 8	Apr. 8	658
7380	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Mar. 22	Mar. 22	1,532
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	May 6	May 4	311
5882	42. CUTTING, H. O., Electric Signaling	Jan. 17	Jan. 5	873
4886B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	May 5	May 3	696
4087B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Mar. 29	Mar. 31	736
7093	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Mar. 31	Apr. 14	836
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Apr. 8	Apr. 12	668
6082	47. LOWE, E. R. (Act.), Clutches; Brakes	Apr. 20	Apr. 20	763
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	May 21	May 19	554
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Feb. 7	Feb. 7	1,015
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Feb. 26	Feb. 26	902
5628	51. BACKUS, C. D., Radiant Energy	May 16	May 16	855
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	May 20	May 17	881
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Apr. 26	Apr. 25	689
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	June 16	June 16	528
6883	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Mar. 14	Mar. 15	1,248
4725	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Mar. 30	Mar. 29	1,116
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Apr. 11	Mar. 28	547
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	Apr. 27	Apr. 29	470
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	May 3	May 5	810
5896	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Apr. 7	Apr. 12	548
6724	61. PARKS, G. E., Laminated Electrical Insulation; Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Mar. 9	Mar. 9	807
5621	62. PUGH, E. C., Games; Geometrical Instruments	May 6	May 7	659
4888	63. WINKELSTEIN, A. H., Foods and Beverages: Preserving, Disinfecting, and Fermentation	May 3	Apr. 30	516
4708	64. NASH, P. M., Acetylene: Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Apr. 7	Apr. 7	1,204
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Feb. 23	Feb. 23	765
2099B	Trade-Marks, Labels, and Prints: F. A. RICHMOND {Trade-Marks	July 27	Aug. 8	1,187
	{Labels and Prints	July 28	Aug. 12	158
2605	Designs: H. H. KALUPY	July 21	Aug. 10	928

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

THE PENNZOIL COMPANY

v.

HERCULES POWDER COMPANY

No. 4,039. Decided March 28, 1938

[95 F.(2d) 339]

TRADE-MARKS—OPPOSITION—SUITS UNDER SEC. 4915 R. S. Where the defeated registrant-opposer appealed to the Court of Customs and Patent Appeals and applicant filed notice of election to proceed by bill in equity *Held* the defeated registrant-opposer has no right to file a bill in equity under sec. 4915 R. S., and therefore his appeal will not be dismissed.

ON MOTION to dismiss appeal. Motion denied.

Mr. John S. Powers (*Mr. Joseph W. Milburn* of counsel) for The Pennzoil Company.

Mr. Edward B. Beale (*Mr. John A. Graves* of counsel) for Hercules Powder Company.

Mr. R. F. Whitehead for the Commissioner of Patents, amicus curiae.

BLAND, *J.*:

The appellee, Hercules Powder Company, has here moved to dismiss the instant appeal of The Pennzoil Company.

The motion is based upon the following facts: The Hercules Powder Company sought to register in the United States Patent Office the term "Dipensol" for a terpene hydrocarbon solvent for use in processes and compounds using turpentine. The Pennzoil Company filed notice of opposition, based upon its ownership and use of its registered trade-mark "Pennzoil" for lubricating oils and other hydrocarbon products. The Examiner of Interferences dismissed the opposition on the ground that there was no reasonable likelihood of confusion arising from the concurrent use of the two marks upon the goods of the respective parties. This holding was affirmed by the Commissioner of Patents and the Pennzoil Company appealed here from his decision.

The Hercules Powder Company filed notice with the Commissioner of Patents of its election to have further proceedings brought under section 4915 of the Revised Statutes (35 U. S. C. 63). The Commissioner declined to enter an order of dismissal of appeal, pointing out that his ruling was made by analogy to the ruling of this court in *Farmer and Thomas* v. *Schweyer*, 19 C. C. P. A. (Patents) 1247, 58 F.(2d) 1056, 1932 C. D. 491. He adhered to this ruling when the Hercules Powder Company petitioned him to rescind the ruling.

In this court, the motion of the appellee to dismiss was set for oral hearing. Both parties to the opposition proceeding filed memoranda and orally argued the motion to dismiss. The Solicitor for the Patent Office, as amicus curiae, also presented an argument on the motion and later filed a memorandum on behalf of the Patent Office. In his oral argument and in his memorandum, the Solicitor urged that the motion to dismiss should be denied.

It is the position of the Hercules Powder Company, appellee, that section 4911 of the Revised Statutes (35 U. S. C. 59*a*) mandatorily requires the dismissal of the appeal. Said section reads as follows:

SEC. 4911. If any applicant is dissatisfied with the decision of the Board of Appeals, he may appeal to the United States Court of Customs and Patent Appeals, in which case he waives his right to proceed under section 4915 of the Revised Statutes. If any party to an interference is dissatisfied with the decision of the Board of Appeals, he may appeal to the United States Court of Customs and Patent Appeals, provided that such appeal shall be dismissed if any adverse party to such interference shall within twenty days after the appellant shall have filed notice of appeal according to section 4912 of the Revised Statutes, file notice with the Commissioner of Patents that he elects to have all further proceedings conducted as provided in section 4915 of the Revised Statutes. Thereupon the appellant shall have thirty days thereafter within which to file a bill in equity under said section 4915, in default of which the decisions appealed from shall govern the further proceedings in the case. If the appellant shall file such bill within said thirty days and shall file due proof thereof with the Commissioner of Patents, the issue of a patent to the party awarded priority by said Board of Appeals shall be withheld pending the final determination of said proceeding under said section 4915.

The appellant failed to file, within thirty days after the filing of the notice of said election by appellee, a bill in equity under section 4915 in accordance with the provisions of section 4911.

Section 4915 of the Revised Statutes, as amended, in part provides as follows:

SEC. 4915. Whenever a patent on application is refused by the Commissioner of Patents, the applicant, unless appeal has been taken from the decision of the Board of Appeals to the United States Court of Customs and Patent Appeals, and such appeal is pending or has been decided, in which case no action may be brought under this section, *may have remedy by bill in equity*, if filed within six months after such refusal; *and the court having cognizance thereof, on notice to adverse parties and other due proceedings had, may adjudge that such applicant is entitled, according to law, to receive a patent for his invention*, as specified in his claim or for any part thereof, as the facts in the case may appear. And such adjudication, if it be in favor of the right of the applicant, shall authorize the Commissioner to issue such patent on the applicant filing in the Patent Office a copy of the adjudication and otherwise complying with the requirements of law. * * * [Italics ours.]

Section 9 (15 U. S. C. 89) of the Trade-Mark Act of February 20, 1905, as amended by the act of March 2, 1929, reads as follows:

SEC. 9. That if an applicant for registration of a trade-mark, or a party to an interference as to a trade-mark, or a party who has filed opposition to the registration of a trade-mark, or party to an application for the cancellation of the registration of a trade-mark, is dissatisfied with the decision of the Commissioner of Patents, he may appeal to the United States Court of Customs and Patent Appeals, on complying with the conditions required in case of an appeal from the decision of the Commissioner by an applicant for patent, or a party to an interference as to an invention, *and the same rules of practice and procedure shall govern in every stage of such proceedings, as far as the same may be applicable.* [Italics ours.]

It is well established that under the above-italicized language in section 9, supra, section 4915 of the Revised Statutes is applicable in certain trade-mark cases and authorizes a defeated applicant for registration of a trade-mark the right to file a bill in equity. *American Steel Foundries* v. *Robertson et al.*, 262 U. S. 209, 1924 C. D. 476, 324 O. G. 963; *Hygienic Products Co.* v. *Coe*, 66 App.

D. C. 98, 85 F.(2d) 264, 1936 C. D. 34. It is also definitely settled by decisions of the courts that under said section 4915 the remedy of filing a bill in equity is afforded a defeated registrant in a trade-mark cancellation proceeding. *Baldwin Co.* v. *Robertson et al.*, 265 U. S. 168, 1924 C. D. 511; *Alexandrine* v. *Coe*, 63 App. D. C. 227, 71 F.(2d) 348, 1934 C. D. 60. No case relating to an opposition proceeding in the Patent Office has been cited and none has been found where the right of a defeated registrant-opposer was considered.

The law is well settled that a defeated patentee-interferant cannot proceed under said section 4915 either voluntarily (*MacGregor* v. *Chesterfield* (Dis. Ct.), 31 F.(2d) 791; *Heidbrink* v. *McKesson* (C. C. A.), 53 F.(2d) 321, 412 O. G. 839), or by compulsion of his adversary as sought to be exercised under said section 4911 (*Farmer and Thomas* v. *Schweyer*, supra; *Bloodhart* v. *Levernier*, 20 C. C. P. A. (Patents) 917, 64 F.(2d) 367, 1933 C. D. 260; *Syracuse Washing Machine Corp. et al.* v. *Vicau et al.* (C. C. A.), 72 F.(2d) 410; *Wettlaufer et al.* v. *Robins et al.* (C. C. A.), 92 F.(2d) 573; *Preston et al.* v. *White*, 25 C. C. P. A. (Patents) —, 92 F.(2d) 813, 486 O. G. 3.

It is the contention of The Pennzoil Company, appellant, that its position here as a trade-mark registrant is analogous to that of an appellant who was a defeated patentee in a patent interference proceeding and that if such defeated patentee who has appealed to this court is not required by said section 4911 to file a bill in equity, upon notice by the adverse party as aforesaid, it is equally true of a defeated registrant in an opposition proceeding.

Appellee in support of its motion to dismiss takes the position, inter alia, that since said section 9, supra, requires that—

"the same rules of practice and procedure shall govern in every stage of such proceedings, as far as the same may be applicable"

and that since section 4911 states that any dissatisfied applicant or party to an interference may file an appeal to this court, the mandatory provisions of section 4915 apply to opposition proceedings even though the appellant in this court be a registrant. In further support of its said position, appellee contends that The Pennzoil Company is a dissatisfied opposer, and under the decision in *Baldwin Co.* v. *Robertson et al.*, supra, had the right to file, and, within thirty days after the filing of the notice aforesaid, was required to file a bill in equity as provided by statute.

The pertinence of the above-cited Supreme Court decision (the Baldwin case) requires that we give its holding special consideration here. In that case, the trade-mark of the Baldwin Company had been ordered cancelled in a Patent Office cancellation proceeding. The company filed a bill in the Supreme Court of the District of Columbia seeking to enjoin the Commissioner of Patents from cancelling its trade-mark. The Commissioner filed answer denying the right of the complainant to the relief sought and in addition moved to dismiss the bill for want of jurisdiction. The court denied the motion to dismiss the bill and enjoined the cancellation pending a final disposition of the cause. Appeal was then taken to the Court of Appeals of the District of Columbia which reversed the decision of the Supreme Court of the District of Columbia and remanded the cause with instructions to dismiss the appeal. Appeal was then taken to the Supreme Court of the United States. The question there presented was whether or not the owner of a registered trade-mark, the cancellation of which had been ordered in a Patent Office cancellation proceeding, could proceed in equity to prevent the cancellation. The court stated that the answer to that question was found in section 9 of the Trade-Mark Act, supra, and in section 4915 of the Revised Statutes. Both these sections were quoted and then we find the following language used:

> We have held that the assimilation of the practice in respect of the registration of trade-marks to that in securing patents as enjoined by § 9 of the Trade-Mark Act makes § 4915, Rev. Stats., providing for a bill in equity to compel the Commissioner of Patents to issue a patent, applicable to a petition for the registration of a trade-mark when rejected by the Commissioner. *American Steel Foundries* v. *Robertson*, 262 U. S. 209; *Baldwin Co.* v. *Howard Co.*, 256 U. S. 35, 39; *Atkins & Co.* v. *Moore*, 212 U. S. 285, 291.
>
> The present case presents this difference. The defeated party in the hearing before the Commissioner is not asking registration of a trade-mark but is seeking to prevent the cancellation of trade-marks already registered. Section 9 provides for appeals to the district court of appeals not only for a defeated applicant for registration of a trade-mark, but also for a dissatisfied party to an interference as to a trade-mark, a dissatisfied party who has filed opposition to the registration of a trade-mark and a dissatisfied party to an application for the cancellation of the registration of a trade-mark. It seems clear that the complainant below was a dissatisfied party to an application for the cancellation of the registration of a trade-mark. We think that both the applicant for cancellation and the registrant opposing it are given the right of appeal to the district court of appeals under that section.
>
> The next inquiry is whether, in addition to such appeal and after it proves futile, the applicant is given a remedy by bill in equity as provided for a defeated applicant for a patent in § 4915, Rev. Stats. We have in the cases cited given the closing words of § 9 a liberal construction in the view that Congress intended by them to give every remedy in respect to trade-marks that is afforded in proceedings as to patents, and have held that under them a bill of equity is afforded to a defeated applicant for trade-mark registration just as to a defeated applicant for a patent. It is not an undue expansion of that construction to hold that the final words were intended to furnish a remedy in equity against the Commissioner in every case in which by § 9 an appeal first lies to the court of appeals. This necessarily would give to one defeated by the Commissioner as a party to an application for the cancellation of the registration of a trade-mark, after an unsuccessful appeal to the advisory supervision of the court of appeals, a right to resort to an independent bill in equity against the Commissioner to prevent cancellation.
>
> * * * The applicants in § 9 were of four kinds and to each of them were intended to be accorded the same resort to the court of appeals and the same remedy in equity as to the applicant for a patent in § 4915. The inherent differences between trade-marks and patents should not prevent our giving effect to the remedial purpose of Congress in carrying out the analogies between the two classes of privileges to secure a common procedure.

If it were a matter of first impression, it might, with some plausibility, be argued that the phrase—

"and the same rules of practice and procedure shall govern in every stage of such proceedings, as far as the same may be applicable"

found in section 9, supra, referred only to the rules of practice and procedure in the Patent Office and the United States Court of Customs and Patent Appeals, and was not intended to be an authorization for filing a bill in equity in matters relating to trade-marks. However, the Supreme Court of the United States, as above indicated, has definitely held that by virtue of the language used in said section 9 and in section 4915 the right to file a bill in equity challenging the correctness of Patent Office action relating to trade-mark matters is definitely granted.

In view of the fact that it is well settled by the decisions of this and other courts as heretofore pointed out that section 4915 does not entitle a defeated patentee in an interference proceeding to file a bill in equity, and since it is our view that a defeated trade-mark registrant in an opposition trade-mark proceeding stands in the same relationship as a defeated patentee-interferant as respects his right to file a bill in equity under section 4915, we are of the opinion that certain broad language used in the decision of the Supreme Court in the Baldwin case, supra, and strongly relied upon here by appellee, should not be regarded as controlling of decision in the instant matter. The statement therein to the effect that section 9 of the Trade-Mark Act was intended to furnish—

"a remedy in equity against the Commissioner in every case in which by section 9 an appeal first laid to the court of appeals"

was a broader holding than was necessary to the decision of the issue before the court. The appeal involved only the right of one to prevent the cancellation of his trade-mark, and the broad language insofar as it pertains to a registrant-opposer should be, in the instant matter, regarded as obiter dictum. General language used in a decision but not necessary to the decision of the case, and which is directed to matters not directly involved in the case is never to be regarded as controlling when the question covered by the general language is presented directly for decision in a later case. *Pacific Steamship Co.* v. *Peterson*, 278 U. S. 130.

As far as the Baldwin case, supra, discloses, the court gave no consideration, other than that which the said broad language would indicate, to the analogy between a registrant-opposer and a patentee-interferant nor the reason which has brought about the definite holdings in the above-cited cases with respect to the latter. The decision does not disclose that the Supreme Court's attention was called to the fact that in section 4915, the decree authorized to be made in the court of equity proceedings relating to patents was limited by the following language: "may adjudge that such applicant is entitled, according to law, to receive a patent for his invention."

A holding that a defeated registrant-opposer in a trade-mark opposition proceeding stands in the same relationship, as affects the question here presented, as a defeated patentee-interferant, must necessarily rest largely upon the fact that in both instances, the appealing party has already received from the Patent Office all that he originally asked for—registration in one instance and a patent in the other. It may be pointed out, however, that if the appellant in the instant case were privileged to file a bill in equity he would not be required to ask that he be granted registration, but that he would be asking for and might receive a decree that registration be refused his adversary. This is not the kind of decree which section 4915 authorizes in patent matters.

It would seem reasonable to conclude that if, by virtue of the statutory provisions under consideration, a defeated registrant-opposer would be entitled to ask for a decree in equity enjoining the registration of his adversary's mark, a defeated patentee-interferant would also have the right to ask for a decree denying his adversary an award of priority. In both instances, he would be seeking protection for that which he had already been granted. Therefore, to hold that a defeated registrant-opposer is privileged to ask for a decree in equity denying his adversary registration would seem to strongly suggest that the holdings of this court and the other courts in respect to the defeated patentee-interferant not being privileged to ask that priority be denied his adversary are unsound. For reasons which we have heretofore stated, we are not willing to come to this conclusion.

In determining the applicability of the patent procedure of section 4915 to trade-mark matters, it should be kept in mind that the character of judgment of the equity court is therein definitely stated and that there is no analogy between adjudging that an applicant is entitled to receive a patent and adjudging that the adversary of a defeated registrant-opposer in a trade-mark opposition proceeding be not permitted registration, or in a decree relating solely to priority.

By our holding in this case, it is not intended to express any views with reference to the right to file a bill in equity under section 4915 by any defeated party in any other Patent Office action than that which is involved herein.

In view of the foregoing, the motion of the appellee to dismiss appellant's appeal here is denied. Appellee is given thirty days in which to file a brief in reply to that of appellant.

Denied.

U. S. Court of Customs and Patent Appeals

IN RE ONE MINUTE WASHER COMPANY

No. 3,932. Decided March 28, 1938

[95 F.(2d) 517]

1. TRADE-MARKS—DESCRIPTIVENESS.
   "The courts have frequently held that a word or words might be descriptive when applied as a trade-mark to one article, and merely suggestive or fanciful and arbitrary when applied to another, and that each case must be determined in accordance with its own facts and circumstances."
2. SAME—SAME—"ONE MINUTE".
   Trade-mark "One Minute" *Held* purely fanciful and arbitrary when applied to washing machines and parts thereof, and *Held* registrable.

APPEAL from Patent Office. Reversed.

Mr. Paul Finckel and *Messrs. Bair* and *Freeman* (*Mr. W. P. Bair* and *Mr. Will Freeman* of counsel) for One Minute Washer Company.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

HATFIELD, *J.*:

This is an appeal from the decision of the Commissioner of Patents affirming the decision of the Examiner of Trade-Marks denying appellant's application for registration under the Trade-Mark Act of February 20, 1905, of the trade-mark "One Minute" for use on washing machines and parts thereof.

It appears from the record that appellant and its predecessor in business has used its trade-mark on its washing machines since 1905; that the mark was used originally on manually-operated machines, and later on power-operated machines; and that the time required for washing clothes in appellant's machines is from 7 to 11 minutes, depending on the size of the machine, the amount of clothes being washed, and the kind of soap and water used.

There are affidavits of record by the president and vice president, and also by one of the attorneys, of the appellant company. It appears therefrom, among other things, that the witnesses had conversed with many buyers, dealers, jobbers, and users of appellant's machines, and that no one was ever found who thought that the trade-mark "One Minute" either described or was misdescriptive of appellant's goods.

The tribunals of the Patent Office were not impressed with the evidence of record, and concurred in holding that appellant's trade-mark was either descriptive or misdescriptive of the goods of appellant, and, therefore, was not entitled to registration.

In his decision, the Examiner stated that—

> The expression "One Minute" is believed to be directly descriptive of a characteristic (or the character) of applicant's goods in that it indicates the speed of operation of applicant's machines. That is to say, it indicates that these machines will wash a given quantity of clothing, as much for instance as the machine will hold, in one minute.
>
> Marks of this type have been uniformly refused registration as being descriptive.
>
> The decision in *Ex parte Champion Spark Plug Company*, 259 O. G., 183, of record, is believed to be squarely in point and controlling. Other decisions directly in point are *Ex parte Whitman Grocery Company*, 100 O. G., 1763, and *Ex parte King Coffee Products Corporation*, 12 T. M. Rep. 260, 139 Ms. D., 437, in which the term "Minute" was held descriptive for malted cereal coffee, and for coffee, respectively.

Other cases were cited by the Examiner and referred to by him as being analogous to the issues in the instant case.

In affirming the decision of the Examiner, the Commissioner said:

> Applicant argues that as no washing machine has yet been developed "which would wash a garment or a batch of garments in one minute," it necessarily "follows that 'One Minute' is not truly descriptive of applicant's product"; and suggests that the real basis of the Examiner's ruling must have been that he considered the mark to be misdescriptive. On this assumption the question of misdescriptiveness is discussed in the brief at considerable length, and the conclusion urged is that "no one with the slightest familiarity with washing machines would be deceived by the use of such a mark • • • because everybody who knows anything about such washing machines knows that they will not wash a batch of clothes in one minute." As a precedent is cited the case of *Holeproof Hosiery Co.* v. *Wallach Bros.*, 172 Fed. 859, where it was held by the Circuit Court of Appeals for the Second Circuit that the expression "Holeproof", as applied to hosiery, was neither descriptive nor false and misleading because "No one surely can be misled into the belief that holes will not appear in complainant's socks if they are worn long enough."
>
> I do not think that reasoning applies here. Conceivably many prospective purchasers of applicant's goods, while knowing that socks inevitably wear out, may nevertheless be without "the slightest familiarity with washing machines"; and to such uninformed individuals the term "One Minute" could rationally convey no other meaning than that pertaining to the machine's speed of operation.

It clearly appears that appellant's machines will not wash clothes properly in less than 7 minutes (the ordinary time being from 7 to 11 minutes, depending upon the conditions hereinbefore mentioned).

We think it is obvious that appellant's mark is not descriptive of washing machines, or of any of their characteristics or qualities.

If the involved trade-mark conveys to the general public the thought that the machines on which it is used will wash clothes properly in 1 minute, it is obviously misdescriptive and deceptive, and, for that reason, is not entitled to registration.

[1] The courts have frequently held that a word or words might be descriptive when applied as a trade-mark to one article, and merely suggestive or fanciful and arbitrary when applied to another, and that each case must be determined in accordance with its own facts and circumstances. The proposition is so elementary as to require no citation of authority.

The trade-mark "One Minute" might well be held to be either descriptive or misdescriptive when used on one article, and merely suggestive, fanciful, or arbitrary when used on another.

Although in the case of *Bennett et al.* v. *McKinley et al.*, 65 Fed. 505, the Circuit Court of Appeals, Second Circuit, held the word "Instantaneous" to be descriptive as applied to finely-ground tapioca, which was adapted for immediate use without the "preliminary soaking required by other preparations," it, of course, did not suggest that it might not be a valid trade-mark if applied to some other article.

In the case of *Ex parte The Lufkin Rule Company*, 1911 C. D. 16, the Commissioner of Patents held that the term "Instantaneous" was unregisterable for use on measuring-tapes, because it conveyed the idea that the tape might be read instantly or without loss of time.

In the case of *Ex parte Champion Spark Plug Company*, 1919 C. D. 7, the Commissioner of Patents held the trade-mark "Minute", for use on spark-plug cleaner, to be unregisterable, on the theory that it merely described one of the characteristics of the cleaner—the time required to clean spark plugs. However, the Commissioner distinguished between the use of the word "Minute", as a trade-mark on spark-plug cleaner, and the words "Lightning" and "Minute" as trade-marks for use, respectively, on carbon remover and automobile wheels, stating that in "both these cases some exercise of fancy is necessary to get at the meaning"; that is, that, in order to understand the meaning intended to be conveyed by the trade-marks "Lightning" and "Minute", when used, respectively, on carbon remover and automobile wheels, it was necessary to exercise the powers of perception and imagination.

The same test, relative to the question of descriptiveness of a trade-mark, was applied by the Circuit Court of Appeals, Fourth Circuit, in the case of *W. G. Reardon Laboratories* v. *B. & B. Exterminators*, 71 F.(2d) 515, 517, in holding that the trade-mark "Mouse Seed", for use on a rodent exterminator, was not descriptive. The court said:

> "Mature thought would probably lead to but one conclusion—that a mouse poison was indicated—but it requires thought to reach this conclusion. The words used together possess an element of incongruity which make them unusual and unique and therefore, in our opinion, a valid trade-mark."

In the case of *Holeproof Hosiery Co.* v. *Wallach Bros.*, 172 Fed. 859, 860, the Circuit Court of Appeals, Second Circuit, in holding that the trade-mark "Holeproof", for use on hosiery, was not misdescriptive or deceptive, among other things, said:

> "No one surely could be misled into the belief that holes will not appear in complainant's socks if they are worn long enough, and it is difficult to conceive that any one could be fatuous enough to suppose that by the use of such a word he could deceive people by inducing a belief that the goods to which it was applied would never wear out. It is a boastful and fanciful word • • •."

A solution of the problem confronting us is not free from difficulty.

The goods on which appellant uses its mark are washing machines. They are comparatively expensive articles, and are not purchased carelessly.

Appellant's mark is clearly not descriptive of its goods. Is it misdescriptive, and, therefore, deceptive? Would a purchaser, on seeing the trade-mark "One Minute" on one of appellant's washing machines, be misled into believing that such machine would wash clothes properly in one minute? We think not.

It seems to us that, in order to understand the meaning intended to be conveyed by appellant's trade-mark, it would be necessary for one to exercise his powers of perception and imagination, and that, by so doing, he would conclude that the trade-mark was merely intended to convey the idea that appellant's machines were so constructed that they would wash clothes with celerity.

[2] Appellant's trade-mark is intriguing, and, although it may suggest a desirable characteristic of the goods on which it is used, is, in our opinion, purely fanciful and arbitrary.

We deem it unnecessary to discuss other cases cited in the decision of the Examiner of Trade-Marks and by counsel for the parties.

For the reasons stated, the decision of the Commissioner of Patents is reversed.

Reversed.

U. S. Court of Customs and Patent Appeals

IN RE BEATTY

No. 3,876. Decided March 7, 1938

[94 F.(2d) 1006]

PATENTABILITY—METHOD OF MAKING COMPOSITE MOTION PICTURES.

Claims for a method of making composite motion pictures *Held* unpatentable over the prior art.

APPEAL from Patent Office. Affirmed.

Mr. W. E. Beatty, Mr. Ralph B. Stewart and *Mr. I. R. Goshaw* for Beatty.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

JACKSON, *J.*:

Appellant has appealed to this court from a decision of the Board of Appeals of the United States Patent Office, affirming that of the Examiner which rejected, in view of the prior art, claims 2 and 3 (all of the claims) of the application.

The claims are as follows:

> 2. The method of making composite motion pictures which comprises projecting with an arc light and at a speed of the order of twenty-four frames per second a motion picture background scene on a screen, depicting the picture thus produced mainly with light having a longer wave length than ultra violet light displaying a foreground scene in front of said screen, illuminating said foreground scene with light having mainly a longer wave length than ultra violet light, the intensity of illumination of said screen and of said foreground being substantially balanced as viewed from the cinematographing position, and in cinematographing the scene on the stage and the projected picture thus illuminated with film which is highly sensitive to both of said lights, and at a sound recording speed of the order of twenty-four frames per second in synchronism with the projection of said background motion picture on said screen.
>
> 3. The method of making composite motion pictures which comprises projecting with an arc light and at a speed of the order of twenty-four frames per second a motion picture background scene on a translucent screen, thereby depicting the picture projected thereon mainly in panchromatic visible light displaying a foreground scene in front of said screen, illuminating said foreground scene with a noiseless lamp emitting mainly panchromatic visible light, the intensity of illumination of said screen and of said foreground being substantially balanced as viewed from the cinematographing position, and in cinematographing the scene on the stage and the projected picture thus illuminated with film which is highly sensitive to said panchromatic visible lights, and which is more sensitive to light from said lamp than from said arc light, and at a sound recording speed of the order of twenty-four frames per second in synchronism with the projection of said background motion picture on said screen.

The references relied upon are: Jelinek, 1,933,854, November 7, 1933; Pember (British), 320,064, October 2, 1929.

Appellant's claimed invention is a method of producing composite moving pictures in which a background scene previously photographed is projected with an arc light on a translucent screen from the rear of the screen, and in the foreground are placed objects and performers, the composite scene being photographed by means of a motion picture camera. The picture on the screen is a motion picture and the actors perform in synchronism with the picture. The camera positioned in front of the screen and stage is synchronized by means of motors with the projector behind the screen. A microphone is positioned to record sound, and, since the sound is recorded simultaneously with the photographing of the composite scene, both camera and projector must be operated at the sound recording speed of 24 frames per second instead of the usual 16 frames per second. Appellant states that ordinary film is not sufficiently sensitive to permit operating the camera at a speed of 24 frames per second, so he uses a "super-sensitive" or "super-speed" film which was first produced in 1931. This film is sufficiently sensitive to record 24 frames per second with normal studio lighting. This film has a further advantage in that it is sensitive to both red and blue light, but more sensitive to red than to blue light. Since the light from the arc lamp of the projector is

predominantly blue and that of the incandescent lamps illuminating the action and scene on the stage is predominantly red, the selective sensitivity of the film makes it possible to obtain the correct gradation of lights and shadows in both the foreground and background images, while the intensities of illumination of the screen and the foreground are substantially balanced.

The Jelinek patent discloses a method of producing composite moving pictures, in which a background scene is projected from the rear, on a screen, with the actors and foreground objects in front of the screen. The foreground is illuminated by lamps and the composite scene photographed by a moving picture camera with simultaneously recorded sound. The patentee states that since the background images projected by visible light rays are not bright enough to be recorded by a motion picture camera, he uses ultra-violet light since the film is more sensitive to such light than to visible light. He states that ordinary glass will not transmit ultra-violet light, so that the lenses of camera and projector, the screen, and the film in the projector are made of material which is pervious to ultra-violet light. The lamp of the projector is an arc lamp which emits rays rich in ultra-violet rays. The foreground lamps may emit either visible or ultra-violet light.

The Pember patent discloses a method of producing composite pictures and differs from the Jelinek patent in that the light from the projector is visible light, and sound is not recorded. The patentee states in his patent,

"that in the case of cinematographic projection on to the back of the translucent screen, the projector will have to operate synchronously with the camera."

The patent also shows that the illumination of the background and foreground must be balanced. The patent further states that—

"the projector 20 must be powerful enough to produce an image on the screen 11 which has at least the same relative intensity of illumination as the stage 10."

It is admitted by appellant—

"that it has been proposed prior to his invention to photograph a foreground scene before a translucent screen on which the background scene is projected by a motion picture projector."

The matter before us appears to be narrowed to patentability of the claimed method comprising the kinds and relative intensities of the lights from the projector and in the foreground, the number of picture frames per second, the kind of film used, and the feature of synchronism between the camera and the projector.

We assume that the expression "at a sound recording speed," set forth in the claims, indicates that sounds are recorded simultaneously with the taking of the pictures.

The Jelinek patent discloses the recording of sound upon the same film on which the picture is taken, so we may consider this feature as old.

Appellant admits that since 1926 it has been the standard practice in the taking of moving pictures to use a speed of film, when recording and when reproducing the sound and picture, of 24 frames per second. It would appear, therefore, even though the patent to Jelinek does not specifically show a speed of 24 frames per second, that this rate must be the speed of his film in order to record the sounds. But since this step has been conventional in the art since 1926, it would seem to be a feature not patentable by itself.

The feature of synchronizing the projector with the camera is clearly shown in the Pember patent.

Both references show the use of an arc light to project the background picture in conjunction with the foreground lighting, and it would seem that the disclosure of the use of lamps as shown in the references would teach one skilled in the art to use incandescent filament lamps in the foreground. That this is a reasonable view is supported by a statement made by the appellant in a letter to the Commissioner of Patents, and appearing in the record, as follows:

Furthermore, it is applicant's position that the reference in the present case to the use of a lamp for lighting the foreground action, would teach one to use incandescent filament lamps which were in common use in May, 1931 for stage lighting.

The balancing of intensities between the background and the foreground lighting will now be considered. Each of the references specifically discloses the desirability of balanced illumination between the light thrown from the projector and the foreground light. That this feature is not patentable is further made clear by a statement contained in an affidavit filed on behalf of appellant in which it is stated:

"It seems obvious that a balance of the light intensity on the foreground and on the screen should be obtained • • •."

The principal feature, and seemingly the only one in the appealed claims which does not appear in the references, is the kind of film used in the camera.

In this respect the Examiner held:

The selection of film having the sensitivity required to produce a desired effect involves nothing more than the ordinary skill of a person working in the art. The particular film used by appellant is intended to be used in all motion picture processes requiring the use of highly sensitive film. • • •

The Board of Appeals stated:

It appears that as soon as more highly sensitive or faster film was developed that it would be no more than obvious to use it where it was found desirable to have higher speeds. • • •

Appellant urges that the affidavit of Fred W. Jackman, who states he had long experience as a motion picture cameraman, and whose work in 1936 appeared to include the direction and supervision of composite photography for motion pictures, establishes the contention that the use of "super-sensitive" film used in the claimed method is not obvious to one skilled in the art. This affidavit has had our careful consideration.

We do not deem it sufficient to establish that the use of super-sensitive film is not obvious to one skilled in the art. We do not see how an experience of the affiant in 1926, in taking a composite picture with the film then available as his basis for being "unwilling to believe it after it had been disclosed to me by Beatty," is proof that the use of super-sensitive film, not known until 1931, is not obvious to one skilled in the art.

In the case of *In re Wietzel et al.*, 17 C. C. P. A. (Patents) 1079, 1930 C. D. 537, 39 F.(2d) 669, the court quoted language of the Board, which seems appropriate here, as follows:

And, where there is no real reason to suppose that the result would not be produced, there is no invention in trying it and finding out that the process is successful.

The affidavit of Bernard M. Bodde, a manufacturer of translucent screens, is entirely to the effect that the processes of the references are not practicable or may be inoperative. The statements appear to be based upon the ineffectiveness of the apparatus rather than the method disclosed in the references.

We think the cases cited by the Solicitor are controlling on this point.

In *In re Lawson*, 17 C. C. P. A. (Patents) 743, 1930 C. D. 136, 36 F.(2d) 525, it was said that—

the law is well settled that it was not necessary to build a machine, commercially practice the methods, or produce the article disclosed, in order to constitute it a valid reference anticipating appellant's claims. *Pickering* v. *McCullough*, 104 U. S. 310; *Tashjian* v. *Forderer Cornice Works*, 14 F.(2d) 414.

See, also, *In re Talley*, 53 App. D. C. 99, 313 O. G. 231, and *In re Crowell*, 23 C. C. P. A. (Patents) 1246, 84 F.(2d) 206, 1936 C. D. 596.

There is no claim that appellant has invented the kind of film used in the process of the claims. It is a kind of film sold by the manufacturer, and dedicated to such uses as would be obvious to the producers of motion pictures. The use of such new film in an old process does not of itself render the process patentable.

The case of *Slayter & Co.* v. *United States Insulation Corp.*, S. D. New York, 20 Fed. Supp. 376; 35 U. S. P. Q. 159, has been strongly stressed by appellant as supporting his contention. There, the defendant, in an infringement suit, challenged the validity of plaintiff's reissued patent, alleging lack of invention, anticipation by other patents, and prior use of the method of heat insulation. Plaintiff claimed as his invention a method of building a wall, whereby insulating and fire resisting properties would be increased by blowing into spaced apart walls of a building previously constructed, through openings into the air spaces, an insulating and fire resisting material. Slayter had devised and claimed as new the insulating fire resisting material used in his method, and this material was described in the specifications of both his old and his reissued patents. The court said:

If there by [be] any new element in, or any new result achieved by Slayter's patent, such element or result must be found in his synthetic insulating material.

And further on in the opinion the court stated:

It was with his insulating material, therefore, that Slayter turned the scale in his favor. • • •

The difference between the facts in the instant case and the facts in *Slayter & Co.* v. *United States Insulation Corp.*, supra, is so marked that the opinion in the latter can lend no support whatever to appellant's contention here.

It would seem that the case of *In re Reeves*, 21 C. C. P. A. (Patents) 1159, 1934 C. D. 510, 71 F.(2d) 195, would apply here. There the court said:

It is not denied that appellant has combined certain features shown in the cited prior art. Appellant claims, however, that what he has done, irrespective of what others have done, amounts to a success and is a practicable, workable, and useful method, in which method there is invention. It is not contended by the Patent Office tribunals nor by the Solicitor for the Patent Office that appellant's method, as a whole, is taught in any single reference or that the method of appellant lacks in practicability and usefulness. It is the view of the Board that no invention was involved. The only question in the case is, did the changes made by appellant from the prior art require invention or were they the result of the application of mere mechanical skill?

Appellant has cited and quoted from a great many decisions relating to the combination of old parts and old elements. • • • Appellant also urges that it is shown that the prior art devices are impracticable and incapable of successful operation. It is, therefore, contended, under • • • and other decisions, that a patent for an improvement or manufacture which does not accomplish the objects and purposes of its conception and is impracticable does not anticipate a later patent upon a similar device capable of successful operation.

On this subject it was the view of the Board that whatever modifications of the prior art appellant had made, which makes his method a success, even if the prior art methods were unsuccessful, were the result of mechanical skill only. We are constrained to agree with this conclusion.

For the reasons herein stated, the decision of the Board of Appeals is affirmed.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,213,150, H. C. Bullis, Method of producing magnetic sound records for talking motion picture films, D. C., S. D. Calif. (Los Angeles), Doc. E 1118 (S) Y. *Sound Picture Patent Co.* v. *Metro-Goldwyn-Mayer Corp.* Dismissed without prejudice July 25, 1938.

1,430,682, A. Pollak, Initialed buckle plate, and the like, D. C., S. D. N. Y., Doc. E 81/84, *Service Patents Corp.* v. *Coro-Gram, Inc.* Doc. E 81/149, *Service Patents Corp.* v. *Carole Bags, Inc.* Dismissed for lack of prosecution (notice July 26, 1938), in both cases.

1,611,767, E. D. Misner, Drive mechanism for washing machines, D. C., E. D. Mich. (Detroit), Doc. 8263, *Universal Devices, Inc.*, v. *Weil & Co.* Dismissed with prejudice July 21, 1938.

1,700,985, C. H. Jasper, Process and device for joining, finishing, and final insulating wire terminals of electrical conductors, D. C., S. D. N. Y., Doc. E 83/228, *J. W. Becker et al.* (*Ideal Commutator Dresser Co.*) v. *S. Schlenoff* (*S. S. Jobbing House*). Decree pro confesso for plaintiff (notice July 27, 1938).

1,758,146, W. M. Cross, Domestic heating system, appeal filed June 23, 1938, C. C. A., 8th Cir., Doc. 11239, *E. O. Smith* v. *Mid-Continent Investment Co.*

1,773,146, H. F. Kellogg, Wing nut, filed June 24, 1938, D. C., S. D. N. Y., Doc. E 87/182, *Central Screw Co.* v. *P. Kobrin et al.*

1,781,672, E. B. Working, Chocolate material and process of making same, D. C. R. I., Doc. E 530, *American Lecithin Co.* v. *J. C. Ferguson Mfg. Works, Inc.* Decree of May 18, 1937, vacated and dissolved, plaintiff's bill dismissed with prejudice against another action on same grounds, defendant's counterclaims dismissed without prejudice (notice July 5, 1938).

1,781,834, L. F. D'Autremont, Stencil sheet, filed July 15, 1938, D. C., S. D. N. Y., Doc E 87/255, *Profilm Corp.* v. *D. H. Armaghanian.*

1,798,278, Scott & Turner, Fender for vehicles, filed May 24, 1938, D. C., N. D. Ill., E. Div., Doc. 16077, *American Chain & Cable Co., Inc.*, v. *Burtin Auto Spring Corp.*

1,802,700, V. A. Boker, Nozzle for lubricating system, D. C. Minn., 4th Div., Doc. E 2983, *Min-A-Max Co., Inc.*, v. *C. H. Peters.* Consent decree for plaintiff, injunction July 19, 1938.

1,808,774, C. F. Hettinger, Sheet packing, D. C., E. D. Mich. (Detroit), Doc. 6121, *The Fitzgerald Mfg. Co.* v. *Detroit Gasket & Mfg. Co.* Dismissed June 20, 1938.

1,824,401, J. L. Kellogg et al., Packaging machine, D. C., E. D. Mich. (Detroit), Doc. 5093, *Kellog Co.* v. *General Foods Corp. et al.* Dismissed without prejudice July 8, 1938.

1,830,746, Ahlene & Reed, Driven plate, D. C., N. D. Ill., E. Div., Doc. 15762, *Borg-Warner Corp.* v. *Burgess-Norton Mfg. Co.* Dismissed June 14, 1938.

1,841,159, L. Silverman, Method of making textile fabrics, D. C., S. D. N. Y., Doc. E 77/78, *Millinery Braid Manufacturers Research Corp.* v. *Morris Shoenthal, Inc.* Doc. E 77/103, *Millinery Braid Manufacturers Research Corp.* v. *H. Shaaker.* Doc. E 74/177, *Millinery Braid Manufacturers Research Corp.* v. *Bengreen Textile Corp.* Doc. E 74/179, *Millinery Braid Manufacturers Research Corp.* v. *American Brand Trimming, Inc.* Dismissed for lack of prosecution July 26, 1938, in each of above cases.

1,842,578, W. H. Bracken, Luggage tray, filed June 10, 1938, D. C., N. D. Ill., E. Div., Doc. 16111, *Hartmann Trunk Co.* v. *S. Dresney & Sons, Inc.* Doc. 16112, *Hartman Trunk Co.* v. *Gladstone Case Mfg. Co.*

1,845,570, F. Thomas, Side loading hearse, suit for declaratory judgment filed June 15, 1938, D. C., N. D. Ill., E. Div., Doc. 16113, *Sayers & Scovill Co. et al.* v. *Henney Motor Co.*

1,849,914, H. E. Delvin, Pencil, D. C. N. J., Doc. E 5784, *H. E. Delvin* v. *D. Kahn, Inc.* Dismissed May 23, 1938.

1,854,522, H. E. Morton, Flash removing machine, D. C., E. D. Mich. (Detroit), Doc. 7568, *Morton Mfg. Co.* v. *Taylor Winfield Corp.* Consent decree for plaintiff July 11, 1938.

1,855,916, C. H. Keeney, Tufting attachment for sewing machines, filed July 18, 1938, D. C., N. D. Ga. (Rome), Doc. E 134, *Deltox Rug Co.* v. *Gordo Bedspreads, Inc.* Doc. E 135, *Deltox Rug Co.* v. *Lawtex, Inc.* Doc. E 137, *Deltox Rug Co.* v. *Empire Tufting Co.* Doc. E 138, *Deltox Rug Co.* v. *J. Franco* (*Primrose Candlewick Products*). Doc E. 139, *Deltox Rug Co.* v. *Georgia Chenille, Inc.* (*Beneeda*). Same, filed July 21, 1938, D. C., E. D. Tenn. (Chattanooga), Doc. 229, *The Deltox Rug Co.* v. *Colonial Coverlet Co., Inc.*

1,863,955, T. R. Willwerscheid, Sign, D. C. Minn. (Minneapolis), Doc. E 2976, *Western Stamping & Mfg. Co.* v. *General Outdoor Advertising Co., Inc.* Consent order dismissing bill as to Signal Service Corp. for lack of jurisdiction May 23, 1938.

1,880,257, K. Kiefer, Method of cleaning bottles, D. C., N. D. Ill., E. Div., Doc. 15141, *The Karl Kiefer Machine Co.* v. *U. S. Bottlers Machinery Corp.* Dismissed without prejudice Mar. 16, 1938.

1,882,202, P. J. Moran, Corselette, suit for declaratory judgment filed July 14, 1938, D. C., S. D. N. Y., Doc. E 87/254, *Snug-Fit Foundations, Inc.*, v. *I. Rosner* (*Even-Pul Foundations*).

1,885,598, A. P. Gilbert, Shoe construction, D. C., E. D. Ill. (East St. Louis), Doc. E 4704, *The Gilbert Shoe Co.* v. *International Shoe Co.* Claims 1 to 5 incl. held valid but not infringed, bill dismissed on merits July 25, 1938.

1,891,207, S. Ruben, Electrolytic condenser, D. C. Md., Doc. E 2419, *Ruben Condenser Co. et al.* v. *Sun Radio & Service Supply Corp.* Dismissed June 16, 1938.

1,892,508, N. Gonzalez, Lead pencil and method of making same, D. C., S. D. N. Y., Doc. E 80/263, *Eagle Pencil Co.* v. *American Lead Pencil Co.* Dismissed for non-infringement of claims 5, 6, 8, 9, and 10 (notice July 28, 1938).

1,899,777, N. M. Stanley, Lens, D. C., S. D. Calif. (Los Angeles), Doc. E 1148-M, *The Univis Corp. et al.* v. *C. E. Siel et al.* Dismissed as to Ultra-Vu Corp.

1,906,260, J. T. Gibbs, Game, filed July 20, 1938, D. C., E. D. N. Y., Doc. E 8577, *J. T. Gibbs et al.* v. *Conalk Amusement Corp. et al.*

1,907,453, W. A. Steinbart, Method of and machine for making steel wool, filed July 11, 1938, D. C., S. D. Ohio, E. Div., Doc. E 1242, *International Steel Wool Corp.* v. *The Williams Co.* Doc. E 8569, *International Steel Wool Corp.* v. *Brillo Mfg. Co.*

1,908,490, W. C. Scott, Means for supplying webs, D. C. N. J., Doc. E 5223, *D. J. Scott et al.* v. *Wood Newspaper Machinery Corp.* Dismissed Mar. 14, 1938.

1,917,211, O. A. Cavins, Bailer, D. C., S. D. Calif., C. Div., Doc. E 311-H, *P. Cavins et al.* v. *Shull Perforating Co., Inc.* Decree of Oct. 12, 1935 vacated, but finding claims 18 and 24 valid and infringed (notice June 23, 1938).

1,919,174, A. Shuman, Glass roofing, D. C. N. J., Doc. E 5705, *Pennsylvania Wire Glass Co.* v. *J. Ringle & Son, Inc.* Dismissed May 26, 1938.

1,919,584, W. Cords, Method and apparatus for making packing rings, D. C., S. D. Calif., S. Div., Doc. E A-96, *W. Cords* v. *F. G. Dahl et al.* Dismissed for want of prosecution July 11, 1938.

1,921,437, L. K. Stupell, Ornament, D. C., S. D. N. Y., Doc. E 80/79, *L. K. Stupell et al.* v. *Monocraft Products Co., Inc.* Dismissed for lack of prosecution (notice July 26, 1938).

1,922,291, A. Hargraves, Balloon tire, filed May 11, 1938, D. C., N. D. Ill., E. Div., Doc. 16004, *Firestone Tire & Rubber Co. et al.* v. *American Tire & Supply Co.*

1,922,415, M. Blank, Electrical—including radio—apparatus, D. C., N. D. Ill., E. Div., Doc. 15774, *M. Bank* v. *The American Equipment Co. et al.* Consent decree finding claims 1, 2, and 3 valid and infringed May 23, 1938. Doc. 15783, *M. Bank* v. *The Webster Co. et al.* Decree as above.

1,932,304, M. Chernow, Monogram, D. C., S. D. N. Y., Doc. E 77/17, *M. Chernow et al.* v. *L. K. Stupell* (*Beaucraft Products Co.*). Dismissed for lack of prosecution (notice July 26, 1938). Doc. E 77/18, *M. Chernow et al.* v. *Cohen & Rosenberger, Inc.* Decree as above.

1,932,421, Ponting & Ford, Kinematographic apparatus, D. C., S. D. N. Y., Doc. E 81/59, *Kinatome Patents Corp.* v. *H. A. DeVry, Inc.* Consent decree for plaintiff (notice July 23, 1938).

1,934,942, F. W. Mostertz, Loop pile fabric, appeal filed Jan. 12, 1938, C. C. A., 3d Cir., Doc. 6677, *F. W. Mostertz* v. *Quaker Pile Fabric Corp.*

1,936,347, Carter & Duke, Tufted rug, (notice filed July 14, 1938), D. C., N. D. Tenn. (Nashville), Doc. E 736, *Carter Bros., Inc.*, v. *Ingram Mfg. Co.* Doc. E 737, *Carter Bros., Inc.*, v. *Tennessee Tufting Co.*

1,938,495, Paulin & Froom, Game apparatus, D. C., N. D. Ill., E. Div., Doc. 13944, *B. P. Higby et al.* v. *D. Gottlieb.* Dismissed without prejudice June 24, 1938. Doc. E 2259, *B. P. Higby et al.* v. *Oriole Coin Machine Corp.* Dismissed for want of prosecution June 16, 1938. Same, D. C., W. D. Wash. (Seattle), Doc. 1051, *B. P. Higby et al.* v. *K. C. Shyvers* (*Shyvers Coin Automatic Co.*). Dismissed Aug. 3, 1938.

TRADE-MARKS

OFFICIAL GAZETTE, SEPTEMBER 13, 1938

[VOL. 494. No. 2]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 406,717. I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-the-Main, Germany. Filed May 25, 1938.

Buna

For Synthetic Rubber and Rubber-Like Materials.
Claims use since Apr. 26, 1932.

Ser. No. 407,130. CAPITAL FUEL, FEED AND SEED COMPANY, Phoenix, Ariz. Filed June 6, 1938.



For Planting Seeds.
Claims use since Jan. 5, 1937.

Ser. No. 407,601. MINERAL MINING CORPORATION, Lancaster, S. C. Filed June 17, 1938.

MINERALITE

For Ground Cerecitic Ore.
Claims use since June 13, 1938.

Ser. No. 407,885. SAMUEL SHAPIRO, New York, N. Y. Filed June 24, 1938.

CAPRE

For Leather.
Claims use since May 16, 1938.

CLASS 2

Receptacles

Ser. No. 407,534. CHICAGO BRIDGE & IRON WORKS, Chicago, Ill. Filed June 16, 1938.

BALLOON

For Expansible and Contractable Metal Storage Containers for Liquids and Gas.
Claims use since Sept. 1, 1930.

Ser. No. 407,971. BAUSCH & LOMB OPTICAL COMPANY, Rochester, N. Y. Filed June 28, 1938.

MOLDETTE

For Spectacle Cases Not Made of Precious Metals.
Claims use since May 11, 1937.

CLASS 4

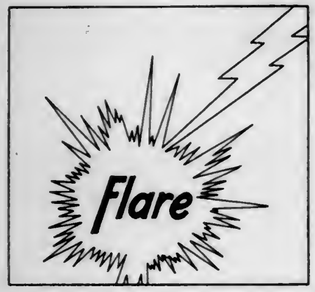
Abrasive, Detergent, and Polishing Materials

Ser. No. 406,939. PATEK & CO., San Francisco, Calif. Filed May 31, 1938.

Synthetone

For Chlorinated Hydro-Carbons Used as Dry Cleaning Solvents.
Claims use since Oct. 1, 1936.

Ser. No. 408,088. THE BELL COMPANY, INC., doing business as Flare Laboratories, Chicago, Ill. Filed July 1, 1938.



For Fabric Cleaner, Dry Cleaner, Glass Cleaner, Metal Polish, Chromium Cleaner, Reflector Polish, Road Tar Remover, Brake Dressing, Water and Oil Mixing Valve Grinding Compound, Neat's-foot Oil Compound, Top Dressing and Aluminum Top Dressing, Tire and Rubber Matting Cleaner, and Wax Cleaning Compound for Automobiles.
Claims use since Apr. 14, 1938.

Ser. No. 408,451. BRUNSWIG DRUG CO., Los Angeles, Calif. Filed July 13, 1938.

Autocrat

For Brushless Shaving Cream, Lather Shaving Cream, and Shaving Soap Bowl.
Claims use since June 23, 1938.

Ser. No. 409,005. LINDEN CHEMICAL CO., INC., Rahway, N. J. Filed July 28, 1938.

LINAC



For Glass Cleaner, Fabric Cleaner, Hand Cleaner, and Tar Remover.
Claims use since June 6, 1935.

Ser. No. 409,115. SUNSHINE SODA COMPANY, INC., New York, N. Y. Filed July 30, 1938.

ALKALATE

For Cleansing Powders and Compounds Having Soda as a Base.
Claims use since May 16, 1935.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 367,186. DITTO, INCORPORATED, Chicago, Ill. Filed July 12, 1935.

DITTO
DIRECT PROCESS LIQUID

The words "Process Liquid" are disclaimed apart from the mark.
For Solvent for Duplicating Machines of the Type Wherein the Copy Sheets are Moistened with the Solvent and Brought into Contact with Data Printed or Typewritten on Master Sheets.
Claims use since Oct. 25, 1934.

Ser. No. 391,521. THE DOW CHEMICAL COMPANY, Midland, Mich. Filed Apr. 19, 1937.

ETHOCEL

For Ethyl Cellulose.
Claims use since Feb. 9, 1937.

Ser. No. 402,424. DR. WILLIAM C. HALE, Arlington, Tex. Filed Jan. 28, 1938. Under 10-year proviso.

DR. HALE'S

For Preparation for the Treatment and Relief of Skin Affections Such as Eczema, Reduction of Scar Tissue, Chronic Skin Affections, and Acne; and as a Cream for Relief from Freckles, Tan, Dark Skin Splotches, Muddy Skin, Open Pore Skin, and Wrinkles.
Claims use since Jan. 10, 1894.

Ser. No. 403,487. FRANK HUBERT EKMAN, Westerly, R. I. Filed Feb. 25, 1938.



The word "Elm" is disclaimed apart from the mark.
For Medicated Ointment to be Used for Eczema, Ulcers, Burns, Cuts, Bruises, Piles, Sore Corns, Salt Rheum, Fever Blisters, Pimples, Boils, Chapped Hands, Ringworm, Athletic Foot, Chafeness, Sumac and Ivy Poisons, Sunburns, Scaly, Burning, or Itching Scalp.
Claims use since June, 1936.

Ser. No. 404,262. OXYASKARIN G. M. B. H., Halle, Germany. Filed Mar. 19, 1938.

Oxyaskarin

For Anthelminthic Medicines and Pharmaceutical Preparations for the Treatment of Oxyuriasis and Ascaridiasis.
Claims use since Apr. 25, 1934.

Ser. No. 404,339. E. L. WILSON, doing business as Nu-Way Battery Service Company, Jamaica, N. Y. Filed Mar. 21, 1938.

NU-WAY

For Battery Compounds for Rejuvenating Batteries.
Claims use since Oct. 15, 1931.

Ser. No. 404,589. ANDREW MANCUSO, Kansas City, Mo. Filed Mar. 25, 1938.



The words "Snow White" and "Ultra Bleaching" are disclaimed apart from the mark.
For Bleach, Disinfectant, Germicide, Deodorant, Water Softener, Stain Remover, and Cleanser.
Claims use since Mar. 1, 1935.

Ser. No. 404,912. SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland. Filed Apr. 5, 1938.

LUTOCYLIN

For Female Sex Hormone Preparation Indicated in Treating Endocrine Deficiencies.
Claims use since Mar. 5, 1938.

Ser. No. 404,913. SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland. Filed Apr. 5, 1938.

LUTOCYCLIN

For Female Sex Hormone Preparation Indicated in Treating Endocrine Deficiencies.
Claims use since Sept. 2, 1937.

Ser. No. 404,914. SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland. Filed Apr. 5, 1938.

OVOCYLIN

For Female Sex Hormone Preparation Indicated in Treating Endocrine Deficiencies.
Claims use since Mar. 5, 1938.

Ser. No. 404,915. SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland. Filed Apr. 5, 1938.

OVOCYCLIN

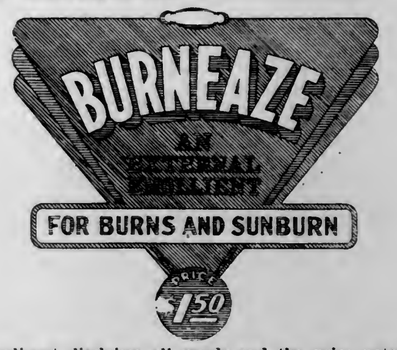
For Female Sex Hormone Preparation Indicated in Treating Endocrine Deficiencies.
Claims use since Sept. 2, 1937.

Ser. No. 404,918. SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland. Filed Apr. 5, 1938.

REGESTRONE

For Female Sex Hormone Preparation Indicated in Treating Endocrine Deficiencies.
Claims use since Jan. 27, 1938.

Ser. No. 406,665. UNITED DISTRIBUTORS, INC., Louisville, Ky. Filed May 21, 1938.



Applicant disclaims all words and the price notation apart from the mark. The drawing is lined for blue and green.
For Burn Salve.
Claims use since Apr. 22, 1938.

Ser. No. 406,871. D. H. MEYERS, New York, N. Y. Filed May 28, 1938.

JESTS

For Preparation Used for Indigestion and as an Anti-Acid.
Claims use since May 2, 1938.

Ser. No. 407,095. FIRMENICH & CO., INC., New York, N. Y. Filed June 4, 1938.

WARDIA

For Natural and Synthetic Essential Oils Suitable for Perfumery Purposes, Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Face Packs; Skin Whitener in Liquid, Cream, and Solid Form; Eyebrow and Eyelash Grower, Eye Drops, Eyebrow Pencils, Chemical Preparations Suitable for the Darkening of Eyebrows and Eyelashes, Hand Lotions, Skin Lotions, After Shaving Lotions, Pomades, Face Powders, Talcum Powders, Body Powders, Sachet, Hair Salves, Hair Elixirs, Dandruff Preparations, Hair Tonics, Hair Oil, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lipsticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Depilatories, Tooth Pastes, Nail Creams, Nail Bleaches, Nail Powders, Witch Hazel, Peroxide, Petroleum Jellies, Witch Hazel Salves, Camphor Creams, Foot Powders, Corn Salves, Deodorants, Disinfectants, Bay Rum, Perfumes, Toilet Waters, Analgesic Balm, Headache and Neuralgia Preparations, Antiseptic Poultices, Antiseptic Liquid, Catarrhal Snuff, Ant-Paste, Aromatic Cascara, Arnica Salve, Infant Cough Preparations; Beef, Iron and Wine; Saline Preparations for

Bladder and Kidney Troubles, Alkaline Antiseptic Solutions for the Relief of Nasal Catarrh and Sore Throat, Tablets for the Breath, Bug-Killer, Camphor-Menthol for Relieving Inflammatory Congestion, Camphor-Ice Preparations, Menthol Camphor Liniments, Cream of Camphor Liniments, Carbolic Salve, Celery and Viburnum, Charcoal Tablets, Malarial Tonics, Chlorate-of-Potash Tablets, Cod-Liver Oil and Emulsions for Strengthening Purposes, Cold and Grippe Tablets, Colic and Diarrhea Preparations, Corn-Patches and Preparations for Corns, Coughs and Croup Preparations, Dyspepsia-Tablets, Neutralizers for the Odors of Perspiration, Digestive Tablets, Effervescent Bromo, Effervescent Magnesium Citrate, Effervescent Soda Phosphate, Antiseptic Preparations for Eczema, Fig-Syrup and Cascara, Fig-Syrup and Senna, Foot Tablets for Relief of Feet, Preparations for Constipation, Glycerin Suppositories, Headache Powders and Headache Wafers, Hepatic Salts, Effervescent and Bromo Salts, Herb Tea for Laxative Purposes, Hypophosphites, Compound Syrup, Insect-Powders, Iron Tonic Bitters, Castor Oil, Kidney Preparations, Laxative Chocolate Confection, Shampoo Preparations, Liquid Courtplaster, Larkspur Compound, Liver-Pills, Lithia Tablets, Milk Magnesia, Menthol-Inhalers, Menthol-Pencils, Tonic and Anodyne for the Relief of Menstruation, Pepsin and Pepsin Tablets, Pile Preparations, Poison Fly-Paper and Poison Lotions, Straw Hat Dyes, Rat-Poison, Rat and Roach Pastes, Rheumatic Preparations, Russian Mineral Oil, Sarsaparilla Compound, Mosquito-Lotion, Soda-Mint and Pepsin Tablets, Soothing Syrup, Sulfur and Cream-of-Tartar Lozenges, Soda Mint and Charcoal Tablets, Throat Lozenges, Toothache Preparations, Whitepine Expectorants with Tar and Mentholates, and Worm Preparations.

Claims use since May 3, 1934.

Ser. No. 407,169. SCIENTIFIC MANUFACTURING COMPANY, INCORPORATED, Scranton, Pa. Filed June 1, 1938.

DIALIN

For Medicinal Preparation for the Treatment of Diabetes.

Claims use since Apr. 15, 1937.

Ser. No. 407,372. GENERAL PRODUCTS LABORATORIES, doing business as Mo-Tee-Na Laboratories, Columbus, Ohio. Filed June 11, 1938.

MO TEE NA

For Medicinal Tablets, Liquids, Powders, Capsules, Cones, and Wafers—Namely, Laxative Herb Tablets, Laxative Compound, Herb Laxative Tonic, Herb and Iron Tonic, for Biliousness, and Indigestion, Constipation, and for an Intestinal Cleanser and Tonic; Herb Tonic and Herb Tonic Capsules for Liver, Kidney, and Stomach Disorders; Concentrated Medicinal Compound for Women for the Treatment of Ordinary Disorders of the Female System; Liniments for Muscular Aches and Pains; Corn Salve, Poultice Ointment; Mustard Ointment and Salve for Dressing Minor Skin Eruptions, Cuts; Liquid Preparation for the Treatment of Corns and Callouses; Foot Powder, Tooth Powder, Nasal Powder, Liquid Foot Balm, Ear Drops, and Cough Syrup.

Claims use since Oct. 6, 1934.

Ser. No. 407,796. CHEMICALS AND PHARMACEUTICALS, INC., Bloomfield, N. J. Filed June 23, 1938.

VITA-VESCENT

For Brand of Effervescent Alkalizing Tablets with Vitamins.

Claims use since May 30, 1938.

Ser. No. 407,815. PROFESSIONAL LABORATORIES, INC., New York, N. Y., and Bloomfield, N. J. Filed June 23, 1938.

TRI-CANIN

For Preparations Indicated in the Treatment of Certain Gastrointestinal Disorders in Small Animals.

Claims use since Mar. 28, 1938.

Ser. No. 407,882. EDWIN B. OGDEN, doing business as Voybon Company, Natchez, Miss. Filed June 24, 1938.

VOYBON

For Preparation for the Prevention and Relief of Nausea Due to Seasickness and Other Causes.

Claims use since May 23, 1938.

Ser. No. 407,890. UNION PHARMACEUTICAL CO., INC., Bloomfield, N. J. Filed June 24, 1938.

IMRA

For Depilatory.

Claims use since June 20, 1938.

Ser. No. 408,167. RÖHM & HAAS COMPANY, Philadelphia, Pa. Filed July 2, 1938.

R.S. 380

For Insecticides, Fungicides, and Disinfectants.

Claims use since June 20, 1938.

Ser. No. 408,174. WINTHROP CHEMICAL COMPANY, INC., New York, N. Y. Filed July 2, 1938.

KOROTRON

For Sexual Hormone, Pituitary Hormone, and Endocrine Preparations for the Treatment of Amenorrhea, Functional Dysmenorrhea, Metrorrhagia, Menorrhagia, and Sexual Infantilism.

Claims use since June 14, 1938.

Ser. No. 408,192. C. E. JAMIESON & COMPANY, Detroit, Mich. Filed July 5, 1938.

PLUS B

No claim is made to the notation "B" apart from the mark.

For Preparation for the Relief of Constipation and for Intestinal Disturbances Due to Lack of Vitamin B.

Claims use since June 20, 1938.

Ser. No. 408,224. FORD HOPKINS COMPANY, doing business as Bismor Company, Chicago, Ill. Filed July 5, 1938.

BISMOR

For Alkaline Antacid Powder for the Relief of Stomach Distress Due to Excessive Gastric Acidity, Heartburn, Sour Stomach, Flatulence, and Acid Dyspepsia.

Claims use since Apr. 4, 1938.

Ser. No. 408,651. LOUISIANA DRUG CO. INC., Opelousas, La. Filed July 19, 1938.

LADCO

For Insect Spray, Insect Dust, a Preparation Used in the Treatment of Coughs and Colds, Milk of Magnesia, Rubbing Alcohol Compound, Antiseptic, Wine of Cod Liver Oil Extract, Cod-Tussal, Ant Poison.

Claims use since Sept. 1, 1936.

Ser. No. 409,111. SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland. Filed July 30, 1938.

PERCORTEN

For Suprarenal Cortical Hormone.

Claims use since July 10, 1937.

Ser. No. 409,114. KARL T. STEIK, doing business as Livon Laboratories, Upper Montclair, N. J. Filed July 30, 1938.

UFORSAN

For Antiseptic Ointment.

Claims use since July 14, 1938.

Ser. No. 409,158. COLGATE-PALMOLIVE-PEET COMPANY, Jersey City, N. J. Filed Aug. 2, 1938.



The representation of a carton and all words except "Colgate" are disclaimed. The drawing is lined for red, salmon, and green.

For Dental Cream.

Claims use since June 17, 1938.

CLASS 7

Cordage

Ser. No. 407,492. LEE EDWARDS CORPORATION, New York, N. Y. Filed June 15, 1938.

PEACOCK

For Java Twine, Sisal Wrapping Twines, Manila Ropes, Jute Wrapping or Sewing Twine, Fine Finished India Twine, Cotton Sash Cord, Cotton Cable Cord, Cotton Seine Twine.

Claims use since June 15, 1933.

CLASS 12

Construction Materials

Ser. No. 394,755. PLUNKETT-WEBSTER LUMBER CO., INC., New Rochelle, N. Y. Filed July 1, 1937.

PLUSTER

For Lumber.

Claims use since 1920.

Ser. No. 398,420. CAPITOL HOME INSULATION CO., Chicago, Ill. Filed Oct. 13, 1937.



No claim is made to the expressions "Rock Wool" and "Temperature Control 72°" apart from the mark.

For Thermal Insulation.

Claims use since Aug. 15, 1937.

Ser. No. 407,167. UNIVERSAL ATLAS CEMENT COMPANY, Chicago, Ill. Filed June 6, 1938.

ATLAS FAST-SET

Applicant disclaims the words "Fast-Set" apart from the mark.

For Portland Cement.

Claims use since May 6, 1938.

Ser. No. 408,790. GENERAL REFRACTORIES COMPANY, Philadelphia, Pa. Filed July 22, 1938.

AIRAM

For Bricks or Refractory Shapes, Particularly a Specially Processed Super-Duty Fire Clay Brick.

Claims use since December, 1937.

Ser. No. 408,791. GENERAL REFRACTORIES COMPANY, Philadelphia, Pa. Filed July 22, 1938.

CALKAO

For Refractory Products, Particularly Packages of Kaolin Base Mortar.

Claims use since 1925.

Ser. No. 408,795. GENERAL REFRACTORIES COMPANY, Philadelphia, Pa. Filed July 22, 1938.

HIAC

For Bricks or Refractory Shapes Particularly Super-Duty Fire Clay Bricks.
Claims use since January, 1936.

Ser. No. 408,796. GENERAL REFRACTORIES COMPANY, Philadelphia, Pa. Filed July 22, 1938.

KAOCEMENT

For Refractory Products Particularly Kaolin Base Bonding Mortar.
Claims use since 1925.

Ser. No. 408,944. DOUGLAS FIR PLYWOOD ASSOCIATION, Tacoma, Wash. Filed July 27, 1938.

PLYSCORD

For Plywood.
Claims use since June 3, 1938.

Ser. No. 408,989. THE CELOTEX CORPORATION, Chicago, Ill. Filed July 28, 1938.

Q-T

For Sound Absorbing Pads Particularly Adaptable for Duct Lining.
Claims use since June 3, 1938.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 389,423. LISK MANUFACTURING CO. LTD., Canandaigua, N. Y. Filed Feb. 26, 1937.

FLINTSTONE

For Enameled Metal Cooking and Table Hollow-Ware, Portable Bath Tubs, Combinets, and Chambers.
Claims use since January, 1904.

Ser. No. 400,536. STEVENS-ROOT COMPANY, Chicago, Ill. Filed Dec. 6, 1937.

FORCE-FLO

For Pipe Fittings, Air Vent Valves, By-Pass Valves, Relief Valves, and Reducing Valves.
Claims use since Nov. 1, 1932.

Ser. No. 403,620. SHERIDAN C. WAITE, doing business as Klipper Specialty Company, Buffalo, N. Y. Filed Mar. 2, 1938.

Pina-Ty-Rak

No claim is made to the word "Ty-Rak" apart from the mark.
For Necktie Racks.
Claims use since Feb. 21, 1938.

Ser. No. 407,465. MARKWELL MANUFACTURING COMPANY, INC., New York, N. Y. Filed June 14, 1938.

WORLD'S FAIR

For Staples Used in Stapling Machines for Fastening Papers, Cardboard, Fabrics, Metal, Etc. Together, Also for Fastening Papers, Cardboard, Metal, Etc. on to Wood, Etc.
Claims use since June 10, 1938.

CLASS 15

Oils and Greases

Ser. No. 395,000. THE PURE OIL COMPANY, Chicago, Ill. Filed July 8, 1937.

PURODIESEL

For Mineral Lubricating Oils and Mineral Fuel Oils for Use Primarily in Diesel Engines.
Claims use since January, 1935.

Ser. No. 403,641. COSDEN PETROLEUM CORPORATION, Fort Worth, Tex. Filed Mar. 3, 1938.



The words "Para Fine Motor Oil" are disclaimed apart from the mark.
For Lubrication Oils, Cup Grease, Transmission Grease, Differential Grease.
Claims use since Jan. 1, 1936.

Ser. No. 403,642. COSDEN PETROLEUM CORPORATION, Fort Worth, Tex. Filed Mar. 3, 1938.



The words "Higher Octane" are disclaimed apart from the mark.
For Gasoline, Benzine, Kerosene, and Motor Fuel Oil.
Claims use since Jan. 1, 1936.

Ser. No. 403,643. COSDEN PETROLEUM CORPORATION, Fort Worth, Tex. Filed Mar. 3, 1938.



The words "Liquid Gas" are disclaimed apart from the mark.
For Gasoline, Benzine, Kerosene, and Motor Fuel Oil.
Claims use since Jan. 1, 1936.

Ser. No. 406,613. THE J. R. WATKINS COMPANY, Winona, Minn. Filed May 21, 1938.



J. R. Watkins

The signature and portrait are those of J. R. Watkins, deceased.
For Lubricating Oils.
Claims use since December, 1930.

Ser. No. 406,725. LOGAN BULK FILLING STATION, INC., Logan, Ohio. Filed May 25, 1938.



For Gasoline and Lubricating Oils and Greases.
Claims use since May 1, 1934.

Ser. No. 408,666. THE TEXAS COMPANY, New York, N. Y. Filed July 19, 1938.

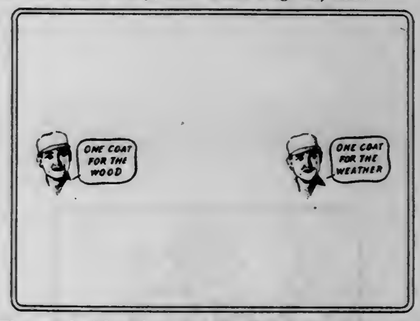
TEXALENE

For Diesel Gas Oil.
Claims use since June 20, 1938.

CLASS 16

Paints and Painters' Materials

Ser. No. 396,734. COOK PAINT & VARNISH COMPANY, North Kansas City, Mo. Filed Aug. 25, 1937.



The words "One Coat for the Wood, One Coat for the Weather" are disclaimed apart from the mark. The representation of the painters is fanciful.
For Ready-Mixed Paints.
Claims use since Apr. 11, 1937.

Ser. No. 408,086. THE BELL COMPANY, INC., doing business as Flare Laboratories, Chicago, Ill. Filed July 1, 1938.



For Glass Shellac, Paint and Varnish Remover, Liquid Automobile Polish and Cleaner, Wax for Waxing Vehicle

Tops, Wax Polish, Putty to Seal Cracks in Vehicle Tops, Chassis Enamel, Touch-Up Enamel, Body Enamel, Engine Enamel, Underfender Paint, and Tire Paint.
Claims use since Apr. 14, 1938.

Ser. No. 408,506. THE PATTERSON-SARGENT COMPANY, Cleveland, Ohio. Filed July 14, 1938.

NORDICA

For Dry and Ready Mixed Paints, Paint Enamels, Stains, Lacquers, and Varnishes.
Claims use since June 20, 1938.

CLASS 17

Tobacco Products

Ser. No. 407,810. LARUS & BROTHER COMPANY, Richmond, Va. Filed June 23, 1938.

SIGNATURE

For Smoking Tobacco and Cigarettes.
Claims use since June 7, 1938.

Ser. No. 408,110. LARUS & BROTHER COMPANY, Richmond, Va. Filed July 1, 1938.

TOWN CRIER



For Smoking Tobacco and Cigarettes.
Claims use since June 7, 1938.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 395,891. THE AMERICAN BRAKE SHOE AND FOUNDRY COMPANY, New York, N. Y. Filed Aug. 2, 1937.

ABK

For Sills for Refrigerator Car Doors and the Like.
Claims use since Dec. 21, 1936.

Ser. No. 396,261. DOUGLAS AIRCRAFT COMPANY, INC., Santa Monica, Calif. Filed Aug. 11, 1937.



For Airplanes and Structural Parts Thereof.
Claims use since 1924.

Ser. No. 396,263. DOUGLAS AIRCRAFT COMPANY, INC., Santa Monica, Calif. Filed Aug. 11, 1937.



For Airplanes and Structural Parts Thereof.
Claims use since 1924.

Ser. No. 407,444. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed June 13, 1938.

TRAIL HITTER

For Automobile Luggage Racks.
Claims use since Mar. 24, 1937.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 398,079. ALLIED STORES CORPORATION, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash. Filed Oct. 4, 1937.



Any representations of any portion of the goods are disclaimed.
For Radio Receiving Sets.
Claims use since Aug. 9, 1937.

Ser. No. 403,967. SELECTRON COMPANY, INC., Los Angeles, Calif. Filed Mar. 11, 1938.

SELECTRON

For Attachment or Accessory for Vehicles and Cooperative Stationary Electrical Apparatus for Operating Door Controls, Light Circuit Controls, and/or Traffic Signal Controls.
Claims use since Nov. 1, 1936.

Ser. No. 404,203. BROWNING LABORATORIES, INC., Winchester, Mass. Filed Mar. 18, 1938.



For Radio Receiving Sets, Chassis for Radio Receivers, and Parts Thereof.
Claims use since Jan. 1, 1938.

Ser. No. 407,568. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa. Filed June 16, 1938.

MASTER-AIRE

No claim is made to the word "Air" apart from the mark.
For Electric Fans.
Claims use since Jan. 15, 1934.

Ser. No. 407,790. BRIGHT STAR BATTERY COMPANY, Clifton, N. J. Filed June 23, 1938.

BRIGHT STAR

For Dry Cell Batteries and Flashlight Casings.
Claims use since Dec. 16, 1931.

Ser. No. 408,116. P. R. MALLORY & CO., INC., Indianapolis, Ind. Filed July 1, 1938.

RECTOPLATER

For Electric Current Rectifiers, Electroplating Power Supply Devices, Rectifier-Type Electro-Plating Units.
Claims use since June 21, 1938.

Ser. No. 408,694. DICTOGRAPH PRODUCTS COMPANY, INC., New York, N. Y. Filed July 20, 1938.

DICTO-MATIC

For Interior Telephone Systems.
Claims use since June 29, 1938.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 409,150. CHRISTOPHER W. BAUER, Brooklyn, N. Y. Filed Aug. 2, 1938.

PICTURDOMS

For Games Played with Blocks.
Claims use since July 12, 1938.

Ser. No. 409,291. BERNARD H. BAUM, New York, N. Y. Filed Aug. 6, 1938.

T. A. A.

For Toy Automobiles.
Claims use since Aug. 4, 1938.

Ser. No. 409,292. BERNARD H. BAUM, New York, N. Y. Filed Aug. 6, 1938.

U. S. T. A.

For Toy Automobiles.
Claims use since Aug. 4, 1938.

Ser. No. 409,300. JOHN J. DEER, New York, N. Y. Filed Aug. 6, 1938.



For Chance Game Played with Chips.
Claims use since July 15, 1938.

Ser. No. 409,334. HERBERT WERTH, New York, N. Y. Filed Aug. 6, 1938.

GUESS WHAT!

For Question and Answer Game Device.
Claims use since November, 1937.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 395,884. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed July 31, 1937.

Touch-O-Matic

For Carpet Sweepers.
Claims use since May 5, 1936.

Ser. No. 407,268. IOWA MANUFACTURING COMPANY, Cedar Rapids, Iowa. Filed June 9, 1938.

IMCO
MANGA

For Road Building Machinery—Namely, Asphalt Plants, Mixing Plants, Road Plants, Crushers and Crusher Parts, Including Roll Shells, Crusher Jaws, Key Plates, and Wedges.
Claims use since June 7, 1938.

Ser. No. 408,503. M. J. LAMPERT & SONS, INC., New York, N. Y. Filed July 14, 1938.

SIGNET

For Jewelers Saw Blades.
Claims use since June 20, 1938.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 406,484. B. DOLLINGER, Brooklyn, N. Y. Filed May 18, 1938.

PERMA LENS

The word "Lens" and the representation of the eyeglasses are disclaimed.
For Lenses Used in Spectacles, Goggles, Eye-Glasses, or in Helmets or in Other Framework to Aid, Correct the Vision of, or Protect the Human Eye, Including Sun-Glasses, Bifocal Glasses, Sport-Glasses; Lenses Used in Telescopes, Microscopes, Magnifying-Glasses, Opera-Glasses, Spy-Glasses, Spectroscopes, Cameras, Projectors and in all Instruments of Measurement and Observation Where Glass Lenses are Used.
Claims use since Jan. 1, 1938.

Ser. No. 407,079. INTERNATIONAL RADIO CORPORATION, Ann Arbor, Mich. Filed June 4, 1938.

CHROMEX

For Light Sensitive Film and Sensitized Photographic Paper.
Claims use since Apr. 1, 1938.

Ser. No. 408,695. EASTMAN KODAK COMPANY, Jersey City, N. J., and Rochester, N. Y. Filed July 20, 1938.

KODALINEAR

For Photographic Lenses.
Claims use since June 20, 1938.

Ser. No. 408,739. SIXTEEN MILLIMETER SOUND FILMS, INC., Boston, Mass. Filed July 19, 1938.

SI-MI

For Mechanical Devices for Use in Connection with Developing, Drying, and Wiping Still and Motion Picture Films and Prints.
Claims use since Apr. 16, 1938.

Ser. No. 408,740. SIXTEEN MILLIMETER SOUND FILMS, INC., Boston, Mass. Filed July 19, 1938.

WIPETTE

For Film Wipers and Parts Thereof.
Claims use since Apr. 16, 1938.

CLASS 27

Horological Instruments

Ser. No. 401,166. WATERBURY CLOCK COMPANY, Waterbury, Conn. Filed Dec. 22, 1937. Under 10-year Proviso.

ENSIGN

For Clocks and Watches.
Claims use since Dec. 31, 1884.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 406,979. HARRY ISKIN, Philadelphia, Pa. Filed June 1, 1938.

HI-MARC
JEWELRY

No claim is made to the word "Jewelry" apart from the mark.
For Ornamental Jewelry Not Including Watches.
Claims use since Jan. 2, 1938.

CLASS 29

Brooms, Brushes, and Dusters

Ser. No. 407,358. CARDINAL LABORATORIES, INC., Chicago, Ill. Filed June 11, 1938.

RITE-WAY

The drawing is lined for yellow and red, which colors form essential elements of the mark in conjunction with the design.
For Dry Mops and Oil Mops.
Claims use since Apr. 1, 1938.

Ser. No. 407,359. CARDINAL LABORATORIES, INC., Chicago, Ill. Filed June 11, 1938.

Cardinal

For Mops, Dry, Wet, and Oil; Dusters, Dust Cloths, and Untreated Polishing Cloths.
Claims use since Mar. 15, 1938.

CLASS 31

Filters and Refrigerators

Ser. No. 407,748. H. D. CONKEY & COMPANY, Mendota, Ill. Filed June 22, 1938.

FRIGIDETTE

For Ice Cream Freezers.
Claims use since Apr. 25, 1938.

Ser. No. 408,765. CARL SCHLEICHER & SCHÜLL CO., INC., New York, N. Y. Filed July 21, 1938.

SHARK SKIN

For Laboratory and Industrial Filter Papers.
Claims use since July 8, 1938.

Ser. No. 408,910. THE WESTERN BATTERY & SUPPLY CO., INC., Kansas City, Mo. Filed July 25, 1938.

OIL MASTER

For Oil Filters.
Claims use since April, 1937.

CLASS 32

Furniture and Upholstery

Ser. No. 405,259. LANDSTROM FURNITURE CORPORATION, Rockford, Ill. Filed Apr. 14, 1938.

Landstrom Furniture

No claim is made to the word "Furniture" apart from the mark.
For Bedroom Suites, Dining Room Suites, Living Room Suites, Desks, Secretaries, Tables, Chairs, Sofas, Ottomans, Bookcases, Cabinets, Chests, and Plant Stands.
Claims use since November, 1927.

Ser. No. 405,953. CARDINAL PARFUMS, INCORPORATED, New York, N. Y. Filed May 3, 1938.

TANTALUX

For Stand for Perfume Containers.
Claims use since Mar. 1, 1938.

Ser. No. 406,977. IMPERIAL FURNITURE COMPANY, Grand Rapids, Mich. Filed June 1, 1938.

Imperial
Imperials
Jeffersonian Group

No claim is made to the words "Jeffersonian Group" apart from the mark.
For Household Furniture—Namely, Dining Room Furniture, Bedroom Furniture, Living Room Furniture, Occasional Chairs, and Tables.
Claims use since May 12, 1938.

Ser. No. 408,624. W. G. SHELTON COMPANY, St. Louis, Mo. Filed July 18, 1938.

Shel-Chrome

The word "Chrome" is disclaimed apart from the mark.
For Chairs, Tables, Settees, Vanities, Dressers, Dressing Tables, Cabinets, Stools, Ottomans, Costumers.
Claims use since Jan. 15, 1937.

Ser. No. 409,364. LULLABYE FURNITURE CORPORATION, Stevens Point, Wis. Filed Aug. 8, 1938.

WOODLAND SYMPHONY

For Children's Furniture—Namely, Youth Beds, Cribs, Chests of Drawers, Dressers, Chairs, Chifferobes, Night Stands, Steps, Costumers, Screens, and Toy Chests.
Claims use since July 1, 1938.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 400,991. GEORGE O. NORTH, Minneapolis, Minn. Filed Dec. 17, 1937.

Save-Ur-Life

For Oil Flares.
Claims use since Dec. 11, 1937.

Ser. No. 402,651. REGISTER & GRILLE MANUFACTURING CO., INC., New York, N. Y. Filed Feb. 3, 1938.

ARC ENG
ARCHITECT ENGINEER

For Heating, Ventilating, and Air Conditioning Registers and Grilles.
Claims use since Jan. 24, 1938.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 408,667. TRUTRED, INC., Los Angeles, Calif. Filed July 19, 1938.

TRUTRED

For Automobile Tires and Tubes.
Claims use since May 2, 1938.

Ser. No. 409,257. BOSTON WOVEN HOSE AND RUBBER COMPANY, Cambridge, Mass. Filed Aug. 5, 1938.

BULL DOG

For Rubber Belting, Rubber or Rubber and Fabric Hose, and Fruit Jar Rings.
Claims use since July 1, 1890.

CLASS 37

Paper and Stationery

Ser. No. 406,582. A. B. DICK COMPANY, Chicago, Ill. Filed May 21, 1938.

NEOSTYLE

For Stencils and Stencil Paper.
Claims use since Sept. 1, 1893.

Ser. No. 406,674. BLEISTIFT-FABRIK VORM. JOHANN FABER A. G., Stein, Germany. Filed May 24, 1938.



For Lead Pencils, Coloured Pencils, Copying Pencils, Copying Ink Pencils, Pastel Crayons, Chalk Pencils; Writing, Drawing, Painting, Billiard, and Marking Chalks; Black Leads, Coloured Leads, Copying Leads, Copying Ink Leads, Pen Holders, Fountain Pens, Mechanical Pencils, and Erasive Rubber.
Claims use since January, 1935.

Ser. No. 406,856. CONSOLIDATED PAPER CORPORATION LIMITED, Montreal, Quebec, Canada. Filed May 28, 1938.

COPACO

For Binding or Splicing Tissue.
Claims use since Mar. 25, 1935.

Ser. No. 407,612. WATERLOW & SONS LIMITED, London, England. Filed June 17, 1938.

ROTAGLIO

For Paper Useful for the Production of Such Documents as Bonds, Share Warrants, Bills, Notes, Checks, Postage and Revenue Stamps, Labels, Tickets, and the Like; and Bills, Notes, and Checks.
Claims use since Feb. 11, 1938.

Ser. No. 407,645. L. E. WATERMAN COMPANY, New York, N. Y. Filed June 18, 1938.

THOROBRED

For Fountain Pens, Mechanical Pencils, Desk Sets, and Parts Thereof.
Claims use since June 10, 1938.

Ser. No. 407,665. DUR-O-LITE PENCIL COMPANY, Melrose Park, Ill. Filed June 20, 1938.

DUR-O-MATIC

For Mechanical Pencils.
Claims use since June 9, 1938.

Ser. No. 407,681 ORCHARD PAPER CO., St. Louis, Mo. Filed June 20, 1938.

WOODCOTE

For Wrapping Paper.
Claims use since Mar. 15, 1938.

Ser. No. 407,717. CROWN ZELLERBACH CORPORATION, doing business as Crown Willamette Paper Company, San Francisco, Calif. Filed June 21, 1938.

MENU

For Tissue Paper.
Claims use since Jan. 1, 1936.

Ser. No. 407,719. CROWN ZELLERBACH CORPORATION, doing business as Crown Willamette Paper Company, San Francisco, Calif. Filed June 21, 1938.

MONARCH

For Wrapping Paper.
Claims use since Jan. 1, 1933.

Ser. No. 407,722. CROWN ZELLERBACH CORPORATION, doing business as Crown Willamette Paper Company, San Francisco, Calif. Filed June 21, 1938.

SNOWFIBRE

For Wrapping Paper.
Claims use since Jan. 1, 1932.

Ser. No. 407,723. CROWN ZELLERBACH CORPORATION, doing business as Crown Willamette Paper Company, San Francisco, Calif. Filed June 21, 1938.

SNOWTEX

For Tissue Paper.
Claims use since Jan. 1, 1932.

Ser. No. 407,724. CROWN ZELLERBACH CORPORATION, doing business as Crown Willamette Paper Company, San Francisco, Calif. Filed June 21, 1938.

WHIPCORD

For Wrapping Paper.
Claims use since Jan. 1, 1935.

Ser. No. 407,910. MILWAUKEE LACE PAPER COMPANY, Milwaukee, Wis. Filed June 25, 1938.

EZY-TACH

For Paper Edging for Shelves.
Claims use since Apr. 5, 1938.

Ser. No. 407,911. MILWAUKEE LACE PAPER COMPANY, Milwaukee, Wis. Filed June 25, 1938.

TWO-IN-ONE

For Shelf Paper.
Claims use since Mar. 11, 1938.

Ser. No. 407,923. GEORGE H. SWEETNAM, INC., Cambridge, Mass. Filed June 25, 1938.

Padsit

For Padding Paper.
Claims use since July 1, 1936.

CLASS 38

Prints and Publications

Ser. No. 391,249. TAX RESEARCH INSTITUTE OF AMERICA, INCORPORATED, New York, N. Y. Filed Apr. 12, 1937.

SOCIAL SECURITY
COORDINATOR

No claim is made to the word "Security" apart from the mark.
For Publication Relating to the Social Security Act and the Administration Thereof Issued from Time to Time.
Claims use since Mar. 1, 1937.

Ser. No. 393,247. JOHN DICKINSON BELL, doing business as Unveiling the Universe, Scranton, Pa., and New York, N. Y. Filed May 25, 1937.

UNVEILING THE UNIVERSE

For Column Appearing in a Periodical and for a Periodical.
Claims use since Apr. 12, 1937.

Ser. No. 405,940. SAMUEL A. SPELLMAN, doing business as Coast Enterprises, Los Angeles, Calif. Filed May 2, 1938.



All wording except "Winning Wire Weekly Forecast" is disclaimed apart from the mark.
For Periodical Publication.
Claims use since June 15, 1936.

Ser. No. 406,719. JOSEPH J. FISKE, New York, N. Y. Filed May 25, 1938.

The Radio
LISTENER

For Weekly Publication Devoted to Articles of General Radio Interest.
Claims use since May 10, 1938.

Ser. No. 408,466. KING FEATURES SYNDICATE, INC., New York, N. Y. Filed July 13, 1938.

CURLEY HARPER

The name "Curley Harper" is the name of a principal or fictitious character appearing from day to day in applicant's cartoons.
For Newspaper Cartoons.
Claims use since Mar. 31, 1935.

CLASS 39

Clothing

Ser. No. 400,370. THE H. C. GODMAN COMPANY, Columbus, Ohio. Filed Dec. 2, 1937.



No claim is made to the words "Nurse Oxford" and "Made" aside from the mark.
For Boots and Shoes Made of Leather, Fabric, or Combinations Thereof.
Claims use since Jan. 15, 1937.

Ser. No. 401,778. THE H. W. GOSSARD CO., Chicago, Ill. Filed Jan. 11, 1938.

Charmosette

For Corsets, Girdles, and Combination Corsets and Brassières.
Claims use since December, 1925.

Ser. No. 403,442. LOUIS BROD, doing business as L. Brod & Co., Philadelphia, Pa. Filed Feb. 26, 1938.

The Gypsy

For Ladies' and Children's Blouses as an Article of Outer Wear.
Claims use since Feb. 21, 1938.

Ser. No. 406,452. THE THEODORE KOTZIN CO. LTD., Los Angeles, Calif. Filed May 18, 1938.

Sportire

For Wearing Apparel—Namely, Hats, Gloves, and Mittens Made of Fabric and Leather; Dresses, Masquerade Costumes, Blouses, Suits, Wash Suits, Stockings, Underwear, Corsets, Girdles, Brassières, Bandeaux, Vests, Corsetwaists, Diaphragm Confiners, Girdle Step-Ins, Pantie Girdles, Chemises, Nightgowns; Sportswear—Namely, Skirts, Jackets, Suits, Jerkins, Overcoats, Topcoats, Slacks, Shorts, Polo Shirts, Blouses, Golf Jackets and Leather Jackets; Culottes, Pullover Sweaters, Lounging Pajamas, Negligees, Play Suits, Sun Suits, Bathing Suits, Capes, Beach Hats, Mufflers, Scarfs, Garters, Aprons, and Maids' Uniforms.
Claims use since Mar. 31, 1938.

Ser. No. 407,443. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed June 13, 1938.



Applicant disclaims the words "Distinctive, Corrective, Beautiful" apart from the mark. The woman's head is fanciful.
For Women's Shoes Made of Leather, Fabric, and Combinations of Said Materials.
Claims use since Aug. 15, 1936.

Ser. No. 407,477. VAN RAALTE COMPANY, New York, N. Y. Filed June 14, 1938.

Freshettes

For Women's Gloves of Fabric and Leather and Underwear.
Claims use since June 6, 1938.

Ser. No. 407,513. M. WILE & COMPANY, INC., Buffalo, N. Y. Filed June 15, 1938.



No claim is made to the words "The Coat of Luxury" and "Knit" apart from the mark.
For Men's Topcoats and Overcoats.
Claims use since Apr. 22, 1938.

Ser. No. 407,644. VENUS FOUNDATION GARMENTS, INC., Chicago, Ill. Filed June 18, 1838.

VERTA-BACK

No claim is made to the word "Back" except as shown.
For Foundation Garments, Including Corsets, Brassières, and Girdles.
Claims use since June 8, 1938.

Ser. No. 407,659. H. C. COHN & CO., Rochester, N. Y. Filed June 20, 1938.

SUGAR AND SPICE

For Neckties, Mufflers, and Handkerchiefs.
Claims use since Sept. 15, 1936, on Neckties; since Aug. 15, 1937, on Mufflers; and since June 15, 1938, on Handkerchiefs.

Ser. No. 407,706. FRANK LEVINSOHN & BROS., INC., New York, N. Y. Filed June 21, 1938.



No claim is made for the word "Clothes" apart from the mark.
For Men's and Women's Coats and Suits.
Claims use since May 28, 1937.

Ser. No. 407,797. CHICAGO MAIL ORDER COMPANY, Chicago, Ill. Filed June 23, 1938.

Campus Cuties

For Junior and Little Misses' Coats, Dresses, and Hats.
Claims use since Mar. 4, 1938.

Ser. No. 407,859. GLASGO LIMITED, Philadelphia, Pa. Filed June 24, 1938.

Genuine
SILVER SHETLAND WEAVE SHEEN
HAND KNITTING YARN
CRAFTED BY
★GLASGO

Applicant disclaims all words except "Glasgo" apart from the mark.
For Sweaters.
Claims use since June 1, 1938.

Ser. No. 407,905. IRWILL KNITWEAR CORP., New York, N. Y. Filed June 25, 1938.

Twin Mode
by Irwill

No claim is made to the term "Twin Mode" apart from the mark.
For Knitted Sweaters.
Claims use since June 9, 1938.

Ser. No. 407,979. GENERAL SHOE CORPORATION, Nashville, Tenn. Filed June 28, 1938.

Jarman

The name "Jarman" is a facsimile of the name as it appears in the signature of W. M. Jarman, president of applicant corporation.
For Boots, Shoes, and Slippers of Leather, Fabric, or Combinations Thereof.
Claims use since Jan. 1, 1934.

Ser. No. 408,056. GOLDBERG FURS, INC., New York, N. Y. Filed June 30, 1938.

DURO

DURABILITY GUARANTEED

The words "Durability Guaranteed" are disclaimed apart from the mark.

For Fur Coats, Fur Capes, Fur Muffs, Fur Jackets, Fur Collars, and Fur Scarfs.

Claims use since June 14, 1938.

Ser. No. 408,298. PINCUS BROS., INC., Philadelphia, Pa. Filed June 29, 1938.

Filmland Fashions

FASHIONED IN Hollywood

The words "Fashions" and "Fashioned in Hollywood" are disclaimed apart from the mark.

For Suits, Coats, Vests, Pants, Topcoats, and Over-Coats for Men.

Claims use since January, 1938.

Ser. No. 408,396. ORNSTEIN, LEVY & ISRAELSON, New York, N. Y. Filed July 11, 1938.

Kurli-Krim

The word "Kurli" is disclaimed apart from the mark.

For Ladies' Coats of Pile Fabric.

Claims use since Apr. 6, 1937.

Ser. No. 408,399. QUABAUG RUBBER COMPANY, North Brookfield, Mass. Filed July 11, 1938.

ARMOR-CORD

The word "Cord" is disclaimed apart from the mark.

For Rubber Soles and Heels.

Claims use since May 1, 1938.

Ser. No. 408,489. ALPS SPORTSWEAR MFG. CO., INC., Boston, Mass. Filed July 14, 1938.

East Wind

For Sport Shirts for Men, Women, or Children.

Claims use since Apr. 1, 1938.

Ser. No. 409,315. THE INTERNATIONAL HANDKERCHIEF MFG. CO., New York, N. Y. Filed Aug. 6, 1938.

CELEBRITEES

For Handkerchiefs.

Claims use since Aug. 5, 1938.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 406,631. CLAIROL, INC., New York, N. Y. Filed May 23, 1938.

Curlocomb

For Combs, Except Those Made of Precious Metal.

Claims use since Oct. 21, 1937.

Ser. No. 407,003. ATLAS BRAID CO., Valley Falls, R. I. Filed June 2, 1938.

RAYTUF

For Shoe Laces, Braided Non-Elastic, Narrow Braided Elastic.

Claims use since July 20, 1934.

Ser. No. 407,486. BEYER, INC., Lockport, N. Y. Filed June 15, 1938.

PIN-ETTE

No claim is made to the word "Pin" except as shown.

For Magnetic Bracelet for Holding Pins or Similar Articles.

Claims use since May 26, 1938.

Ser. No. 407,806. THE GLEMBY COMPANY, INC., New York, N. Y. Filed June 23, 1938.

Curl O Comb

The word "Comb" is disclaimed apart from the mark.

For Combs Having Curler Attachments, Said Combs Not Being Made of Precious Metal.

Claims use since Apr. 14, 1938.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 404,363. F. C. HUYCK & SONS, Albany and Rensselaer, N. Y. Filed Mar. 22, 1938.

KENWOOD

WOOL PRODUCTS RELIANCE

Ownership of 92,428 covering "Kenwood" claimed under 10-year clause. No claim is made to the words "Wool Products" except in connection with the representation of the ram with the word "Reliance."

For Bed Blankets of Textile Fabrics.

Claims use since Feb. 3, 1938.

CLASS 43

Thread and Yarn

Ser. No. 407,493. LEE EDWARDS CORPORATION, New York, N. Y. Filed June 15, 1938.

PEACOCK

For Cotton Yarns of Various Counts, Including Cotton Mop Yarn and Cotton Thread Yarn, Cotton Carpet Warps.

Claims use since June 15, 1933.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 401,388. JEAN KIEFFER, Norwich, Conn. Filed Dec. 30, 1937.

KIEFFER X-RAY LAMINAGRAPH

Applicant disclaims the word "X-Ray" apart from the mark.

For X-Ray Apparatus.

Claims use since July 22, 1937.

Ser. No. 407,184. FOOT CONTROLLER, INC., New York, N. Y. Filed June 7, 1938.

Foot Zephre Balancer Controller

The words "Foot Balancer Controller" are disclaimed apart from the mark.

For Arch Supports and Arch Supporters.

Claims use since Feb. 5, 1936.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 408,301. FRANK JOSEPH LUEKE, St. Louis, Mo. Filed July 5, 1938.

Phos-Ferrone

ONE CALLS FOR ANOTHER

For Nonalcoholic, Noncereal, Maltless Beverage Sold as a Soft Drink, and Syrups and Extracts for Making the Same.

Claims use since Dec. 14, 1920.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 392,192. WAPLES PLATTER COMPANY, Fort Worth, Tex. Filed May 24, 1937.



Applicant is the owner of trade-mark registrations Number 64,407 and Number 196,741.

For Canned Goods as Follows—Apricots, Artichokes, Asparagus Tips, Bartlett Pears, Beets, Blackeyed Peas, Black Raspberries, Carrots, Catsup; Cherries—Red Pitted; Cherries—Royal Anne; Coffee, Corn, De Luxe Peaches, Egg Plums, Fruit Cocktail, Fruit Salad, Grapes, Green Gage Plums, Hominy, Honey, Lima Beans, Loganberries, Mexican Style Beans, Evaporated Milk, Mustard Greens, Okra, Okra and Tomato Sauce, Olive Oil; Peaches—Sliced and Halves; Peanut Butter, Peas, Pickled Apricots, Pickled Peaches, Pickled Pears, Pimientos; Pineapple—Sliced; Pork and Beans; Prunes—Fresh; Pumpkin, Queen Olives, Red Beans, Red Kidney Beans, Red Raspberries, Ripe Olives, Salmon, Shrimp, Soup, Spaghetti, Spinach, Strawberries, Stringless Beans; Syrup—Pure Ribbon Cane; Tomatoes, Tomato Juice, Tomato Puree, Tuna Fish, Turnip Greens, Chili Con Carne; and for Canned Baby Foods, as Follows—Apples, Assorted Vegetables, Vegetables with Beef Broth, Vegetable Soup, Beans, Green Beans, Beets, Carrots, Celery, Peas, Prunes, Spinach, and Tomatoes; and for Canned Jams, as Follows—Grape, Loganberry, Black Raspberry, Red Raspberry; and for Canned Jellies, as Follows—Red Currant, Blackberry, Grape, Concord Grape, Mint, Green Mint, Pineapple, Plum, Strawberry; and for Canned Preserves, as Follows—Apricot, Blackberry, Cherry, Pineapple, Pine Cot Being a Mixture of Pineapple and Apricot, Plum, Peach, Black Raspberry, Red Raspberry, Strawberry, Red Currant, Whole Fig; and for Package Goods, as Follows: Spices, as Follows—Allspice, Cinnamon, Cloves, Ginger, Nutmeg, Mustard, Paprika, Black Pepper, Red Pepper, White Pepper, Sage, Turmeric, Savory, Thyme, Marjoram, Mace, Curry Powder, Garlic Powder, Onion Powder, Anise Seed, Bay Leaves, Celery Seed, Cominos Seed, Mix Pickling

Being a Seasoning for Pickling, Mexican Chili Petine Being a Mexican Seasoning, Caraway Seed, and Japan Chillies; and Bran Flakes, Cocoanut, Coffee, Corn Flakes, Glace Peel, Ice Cream Powder, Marshmallows, Mince Meat, Raisins, Rice, Rolled Oats, Egg Noodles, Dried Apples; and for Bottled Goods, as Follows—Black Pepper, Chili Powder, Chili Blend Powder, Celery Salts, Garlic Powder, Onion Powder, Catsup, Chili Sauce, Honey, Hot Sauce, Maraschino Cherries, Mince Meat, Olive Oil, Peanut Butter, Pepper Sauce, Pimientos, Queen Olives, Ripe Olives, Salad Mustard, Shrimp, Stuffed Olives, Vinegar, Mayonnaise, 1000 Island Dressing, Lemon Extract for Food Purposes, Vanilla Extract for Food Purposes; and Pickles, as Follows—Dill, Sour, Sweet, Sweet Relish; and for Jams, as Follows—Grape, Loganberry, Red Raspberry, and Black Raspberry; and for Jellies, as Follows—Red Currant, Blackberry, Grape, Concord Grape, Mint, Green Mint, Pineapple, Plum, and Strawberry; and for Preserves, as Follows—Apricot, Blackberry, Cherry, Pineapple, Pine Cot Being a Mixture of Pineapple and Apricot, Plum, Peach, Black Raspberry, Red Raspberry, Strawberry, Red Currant, Whole Fig; and for Orange Marmalade.

Claims use since 1885.

Ser. No. 394,463. FRANCIS H. LEGGETT & COMPANY, New York, N. Y. Filed June 24, 1937.

Bridge Spreads

Applicant disclaims the word "Spreads" apart from the mark.

For Assorted Sandwich Spreads.

Claims use since Jan. 20, 1931.

Ser. No. 398,934. PLYMOUTH CITRUS GROWERS ASSOCIATION, Plymouth, Fla. Filed Oct. 25, 1937.

MAYFLOWER

For Fresh Citrus Fruits.

Claims use since Apr. 20, 1915.

Ser. No. 400,814. M. G. WEBER, doing business as M. Weber Laboratories, Newark, N. J. Filed Dec. 13, 1937.



The words and figures "4 fl. ozs. . . . The Superb Food Flavoring . . . Made From Vegetables Only . . . Prepared by M. Weber Laboratories, Newark, N. J.", are disclaimed apart from the mark.

For Vegetable Extract Used for Making Soups and Flavoring Foods.

Claims use since Dec. 6, 1937.

Ser. No. 401,084. WARD DRY MILK COMPANY, St. Paul, Minn. Filed Dec. 20, 1937.

CREM-O-LAC

The syllable "Lac" is disclaimed apart from the mark.

For Dried Sweet Cream Buttermilk for Baking Purposes.

Claims use since Feb. 10, 1935.

Ser. No. 403,377. WILLIAM H. SIEGMANN, New York, N. Y. Filed Feb. 24, 1938.



No claim is made to the words "Purity" and "Goods Packed Under This Seal Comply with All Pure Food Laws" apart from the mark.

For Flavoring Extracts for Food Flavoring Purposes and Syrups to be Poured Over Pancakes.

Claims use since Feb. 10, 1938.

Ser. No. 404,575. MCKELLIPS MUTUAL CITRUS GROWERS, INC., Mesa, Calif. Filed Mar. 28, 1938.

ZONA MESA

No claim is made to the word "Mesa" apart from the mark.

For Fresh Citrus Fruit.

Claims use since Feb. 26, 1938.

Ser. No. 406,679. FISCHER BAKING COMPANY, Newark, N. J. Filed May 24, 1938.

JUNIOR G-MEN of AMERICA

The term "America" is disclaimed apart from the mark.

For Bread.

Claims use since February, 1936.

Ser. No. 407,140. GRIFFITH-DURNEY COMPANY, San Francisco, Calif. Filed June 6, 1938.

BONITA

Applicant is the owner of trade-mark registrations Nos. 124,967, dated Apr. 1, 1919, and 202,983, dated Sept. 8, 1925.

For Canned Fruits, Canned Vegetables, Canned Fish, and Canned Fruit Juices for Food Purposes; Canned Vegetable Juices for Food Purposes.

Claims use for canned fruits, vegetables, and fish since March, 1898; for canned fruit juices since 1925; and for canned vegetable juices since May 20, 1938.

Ser. No. 407,436. KITTY CLOVER POTATO CHIP COMPANY, doing business as Kitty Clover Products Co., Omaha, Nebr. Filed June 13, 1938.

Kitty Clover

For Potato Chips, Fried Popcorn, Cheese-Popcorn Consisting of Cheese Which is Melted Prior to Admixing Popcorn Therewith, Chocolate Powder, Nut Meats, Bottled and Grated Horseradish, Prepared and Bottled Mustard, Barbecue Sauce, Salad Dressing, Sweet Pickles, Sweet Relish, and Dill Pickles.

Claims use since Sept. 7, 1932.

Ser. No. 407,440. L. CHENAULT PAINE, doing business as Patriot Products, Ltd., Los Angeles, Calif. Filed June 13, 1938.

TABLEMATE

For Dried Fruits, Nuts, Dehydrated Vegetables, Candied Fruits, and Fruit Juices for Food.

Claims use since May 13, 1938.

Ser. No. 407,519. BEVERAGES OF AMERICA, INC., Chicago, Ill. Filed June 16, 1938.

SIMPLE MAID

For Dry Cocoa Mix for Making a Cocoa Milk Drink.

Claims use since June 9, 1938.

Ser. No. 408,079. H. K. WEBSTER COMPANY, Lawrence, Mass. Filed June 30, 1938.

BLUE SEAL BLUE SEAL GRAIN PRODUCTS

Applicant disclaims the words "Grain Products" and "Lawrence, Massachusetts" apart from the mark.

For Stock Feed, Horse Feed, Dairy Feed, Cattle Feed, Poultry Feed, Laying Mash, Scratch Feed, and Turkey Feed.

Claims use on horse feed since November, 1916; on dairy feed since January, 1922; on cattle feed since January, 1918; on poultry feed since January, 1921; on laying mash and scratch feed since January 1921; on turkey feed since January, 1934; and on stock feed since January, 1918.

Ser. No. 408,295. G. WASHINGTON COFFEE REFINING CO., Morris Plains, N. J. Filed July 7, 1938.



"ACES"

The representation of a container and the words "G. Washington's" and "One Cup Service" are disclaimed apart from the mark.

For Coffee.

Claims use since Feb. 22, 1933.

Ser. No. 408,296. G. WASHINGTON COFFEE REFINING CO., Morris Plains, N. J. Filed July 7, 1938.

"ACES" (ONE CUP SERVICES) G. Washington's INSTANT COFFEE

The name "G. Washington's" is a reproduction of the generally accepted signature of George Washington, deceased, the first president of the United States. The words "One Cup Services" and "Instant Coffee" are disclaimed apart from the mark as shown on the drawing.

For Coffee.

Claims use since Feb. 22, 1933.

Ser. No. 408,408. THE DERWOOD MILL, Derwood, Md. Filed July 11, 1938.

DERWOOD DOG FOOD



The words "Derwood Dog Food" are disclaimed apart from the mark.

For Food for Dogs and Puppies.

Claims use since Jan. 1, 1930.

Ser. No. 408,576. PURE FOOD FACTORY "HANSA", Mamaroneck, N. Y. Filed July 16, 1938.



No claim is made to the words "Westchester Brand" apart from the mark.
For Soups.
Claims use since July 7, 1938.

Ser. No. 408,611. LOMA LINDA FOOD COMPANY, Loma Linda, Calif. Filed July 18, 1938.

RUSKETS

For Cereal Breakfast Food.
Claims use since May 10, 1938.

Ser. No. 408,717. H. V. KELL COMPANY, doing business as Colonial Flour Company, Griffin, Ga. Filed July 20, 1938.

Sil-Ver-Ite

For Fancy Patent Self-Rising Flour.
Claims use since June 27, 1938.

Ser. No. 408,721. LEED SALES, INC., Washington, D. C. Filed July 20, 1938.

7/5

For Dog and Cat Food.
Claims use since July 1, 1938.

Ser. No. 408,734. WILSON & CO., INC., Chicago, Ill. Filed July 20, 1938.

Gelafinish

For Cooked Hams, Liver Loaf, Meat Loaf, and Meat Sandwich Spreads.
Claims use since May 23, 1938.

Ser. No. 408,757. MONSALVATGE & DRANE, Miami, Fla. Filed July 21, 1938.

CURB

GIRL

For Candy.
Claims use since May 21, 1938.

Ser. No. 408,775. FRED W. AMEND CO., Danville, Ill. Filed July 22, 1938.

Chiffon

For Candy.
Claims use since July 8, 1938.

Ser. No. 408,818. WESTERN STATES GROCERY COMPANY, Reno, Nev., and Oakland, Calif. Filed July 22, 1938.

CHERUB

For Evaporated Milk.
Claims use since May 25, 1938.

Ser. No. 408,950. HUYLER'S, New York, N. Y. Filed July 27, 1938. Under 10-year proviso.

LA VOGUE

For Candy.
Claims use since July, 1882.

CLASS 48

Malt Beverages and Liquors

Ser. No. 408,118. MATHIE-RUDER BREWING CO., Wausau, Wis. Filed July 1, 1938.



For Beer.
Claims use since Mar. 15, 1938.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 409,101. LEM MOTLOW, Lynchburg, Tenn. Filed July 30, 1938. Under 10-year proviso.

WHISKEY MADE AS OUR FATHERS MADE IT

For Whiskey.
Claims use since 1888.

Ser. No. 409,420. CHARLES LEE CLARK, Richmond, Va. Filed Aug. 10, 1938.



Applicant disclaims the representation of the map and the names of the States of North and South Carolina as a part of the mark.
For Whiskey.
Claims use since Dec. 15, 1935.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 405,265. GEORGE L. PHILLIPS, Newkirk, Okla. Filed Apr. 14, 1938.

AUTO BANK

For Line Markers Made of Strips of Metal, Rubber, Fabric, Composition or a Similar Material, Said Markers Being Used in Driving Tests.
Claims use since Mar. 15, 1938.

Ser. No. 406,616. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa. Filed May 21, 1938.

SHIRT-O-GRAM

For Patterns for Demonstrating Methods of Ironing Shirts.
Claims use since Apr. 14, 1936.

Ser. No. 407,576. E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del. Filed June 16, 1938.

Velutex

For Rubber Coated Fabrics, Both Plain and Perforated.
Claims use since May 10, 1938.

Ser. No. 407,646. EARL L. WESTMORELAND, Chicago, Ill. Filed June 18, 1938.

MIRACLE

For Talismen—Namely, Charms or Amulets.
Claims use since June 15, 1938.

Ser. No. 407,891. VAB, LTD., New York, N. Y. Filed June 24, 1938.

VAB

For Shoe Trees.
Claims use since Mar. 21, 1936.

Ser. No. 407,945. A. W. DRAKE COMPANIES, Pasadena, Calif. Filed June 27, 1938.

BEATEN PATH

For Animal Traps.
Claims use since June 14, 1938.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

SEPTEMBER 13, 1937

360,193. FUEL VAPORIZER FOR USE WITH CARBURETERS. EINAR N. SORENSEN, Fernandina, Fla.
Filed March 27, 1935. Serial No. 363,069. PUBLISHED JULY 5, 1938. Class 23.

360,194. PILLOWS AND CUSHIONS. NATIONAL FEATHER & DOWN CO. INC., Brooklyn, N. Y.
Filed May 4, 1936. Serial No. 377,990. PUBLISHED JANUARY 18, 1938. Class 32.

360,195. SLEDS, VELOCIPEDES, COASTER WAGONS. GARTON TOY CO., Sheboygan, Wis.
Filed May 8, 1936. Serial No. 378,197. PUBLISHED JULY 5, 1938. Class 22.

360,196. CUP LEATHERS, VALVE LEATHERS, CRIMPS, U PACKINGS, AND LEATHER WASHERS FOR PUMPS AND THE LIKE. C. F. ADAMS, INCORPORATED, Fort Worth, Tex.
Filed July 9, 1936. Serial No. 380,819. PUBLISHED JULY 5, 1938. Class 35.

360,197. COMBINATION LETTER SHEET AND ENVELOPE. WALTER J. MATTSON, Brooklyn, N. Y.
Filed July 27, 1936. Serial No. 381,489. PUBLISHED JULY 5, 1938. Class 37.

360,198. LINERS FOR CLOSURE CAPS. ANCHOR CAP & CLOSURE CORPORATION, Long Island City, N. Y.
Filed January 9, 1937. Serial No. 387,617. PUBLISHED JULY 5, 1938. Class 50.

360,199. SHOES, SLIPPERS, AND SANDALS OF LEATHER, RUBBER, PAPER, OR FABRIC, OR OF COMBINATIONS OF THESE MATERIALS. BEHR-FLEX, INC., Manchester, N. H.
Filed February 4, 1937. Serial No. 388,525. PUBLISHED JUNE 7, 1938. Class 39.

360,200. ALIMENTARY PASTE PRODUCTS. NATIONAL FOOD PRODUCTS CO., New Orleans, La.
Filed February 20, 1937. Serial No. 389,191. PUBLISHED JULY 5, 1938. Class 46.

360,201. LADIES' HATS. LICHTENSTEIN MILLINERY CO., Dallas, Tex.
Filed March 17, 1937. Serial No. 390,182. PUBLISHED JUNE 21, 1938. Class 39.

360,202. BOOTS AND SHOES OF LEATHER, RUBBER, FABRIC, OR COMBINATIONS THEREOF. CLAUDE H. DANIELS, East Portchester, Conn.
Filed March 25, 1937. Serial No. 390,506. PUBLISHED JUNE 7, 1938. Class 39.

360,203. ROVING FRAMES AND SPINNING FRAMES. WHITIN MACHINE WORKS, Whitinsville, Mass.
Filed April 12, 1937. Serial No. 391,252. PUBLISHED JULY 5, 1938. Class 23.

360,204. RUBBER TIRES FOR VEHICLES. UNITED STATES RUBBER PRODUCTS, INC., New York, N. Y.
Filed April 16, 1937. Serial No. 391,440. PUBLISHED JULY 5, 1938. Class 35.

360,205. BUSHINGS FOR MACHINERY, FINISHED AND SUBSTANTIALLY FINISHED ROLLS, AND ROLL COVERS FOR TEXTILE MILL USAGE; SHEET HANDLING EQUIPMENT; FEEDING, CONVEYING, AND POLISHING EQUIPMENT AND THE LIKE, ALL OF CORK AND SYNTHETIC RUBBER. ARMSTRONG CORK PRODUCTS COMPANY, Lancaster, Pa.
Filed April 21, 1937. Serial No. 391,605. PUBLISHED JULY 5, 1938. Class 23.

360,206. LADIES' HATS. FRUHAUF & MUSYL, INC., Carlstadt, N. J.
Filed April 23, 1937. Serial No. 391,754. PUBLISHED JUNE 29, 1937. Class 39.

360,207. CHRISTMAS TREE ORNAMENTS. LEVI & GADE, Chicago, Ill.
Filed April 24, 1937. Serial No. 391,816. PUBLISHED JUNE 21, 1938. Class 50.

360,208. POLISH FOR FURNITURE, LEATHER, LINOLEUM, AND SIMILAR POLISHED OR PAINTED SURFACES. RICHARD BOETTNER, doing business as Wonder Products Company, Salt Lake City, Utah.
Filed May 13, 1937. Serial No. 392,675. PUBLISHED JULY 5, 1938. Class 16.

360,209. ADJUSTABLE ELECTRICAL MOTOR BASES. ALLIS-CHALMERS MANUFACTURING COMPANY, Milwaukee, and West Allis, Wis.
Filed May 17, 1937. Serial No. 392,834. PUBLISHED JULY 5, 1938. Class 23.

360,210. AUTOMOBILE ROBES. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed May 21, 1937. Serial No. 393,090. PUBLISHED JULY 5, 1938. Class 42.

360,211. BASEBALLS, FOOTBALLS, BASKET BALLS, BASEBALL BATS, TENNIS RACKETS, HOCKEY STICKS, AND BASEBALL GLOVES. UNITED PROFIT-SHARING CORPORATION, New York, N. Y.
Filed May 25, 1937. Serial No. 393,241. PUBLISHED JULY 5, 1938. Class 22.

360,212. FRESH FRUITS—NAMELY, FRESH AVOCADOS, AND FRESH VEGETABLES—NAMELY, FRESH ASPARAGUS. SCATENA-GALLI FRUIT COMPANY, San Francisco, Calif.
Filed June 14, 1937. Serial No. 394,064. PUBLISHED JULY 5, 1938. Class 46.

360,213. CANNED FISH OF ALL KINDS. LYON FISH COMPANY, Minneapolis, Minn.
Filed June 14, 1937. Serial No. 394,073. PUBLISHED JULY 5, 1938. Class 46.

360,214. LADIES' DRESSES, GOWNS IN THE NATURE OF DRESSES, AND HATS. HOLLYWOOD PREVUE LTD., New York, N. Y.
Filed July 6, 1937. Serial No. 394,900. PUBLISHED SEPTEMBER 28, 1937. Class 39.

360,215. GUITARS, TENOR GUITARS, MANDOLINS, UKULELES, HARMONICAS, JAW HARPS, BANJOS, AND STRINGS, AND ACCESSORIES FOR THE SAME. LOUIS SORKIN, doing business as Sorkin Music Company, New York, N. Y.
Filed July 12, 1937. Serial No. 395,156. PUBLISHED JULY 5, 1938. Class 36.

360,216. FRESH PINEAPPLE. ANTONIO MARQUES ARBONA, Arecibo, P. R.
Filed August 12, 1937. Serial No. 396,338. PUBLISHED JULY 5, 1938. Class 46.

360,217. CORSETS, GIRDLES, CORSELETS, BRASSIÈRES, BANDEAUX, AND FOUNDATION GARMENTS. COMET CORSET CO., INC., New York, N. Y.
Filed August 13, 1937. Serial No. 396,352. PUBLISHED JANUARY 4, 1938. Class 39.

360,218. WINES. THE PLEASANT VALLEY WINE COMPANY, Rheims, N. Y.
Filed August 27, 1937. Serial No. 396,832. PUBLISHED DECEMBER 7, 1937. Class 47.

360,219. MUFFLERS, BATHING SUITS, HOSIERY, SWEATERS, AND GLOVES MADE OF LEATHER, FABRIC, AND COMBINATIONS OF LEATHER AND FABRIC. PAUKER BROTHERS, New York, N. Y.
Filed September 2, 1937. Serial No. 397,050. PUBLISHED JUNE 14, 1938. Class 39.

360,220. WATCHES. THE WATERBURY CLOCK COMPANY, Waterbury, Conn.
Filed September 3, 1937. Serial No. 397,094. PUBLISHED JULY 5, 1938. Class 27.

360,221. BUTCHER KNIVES, PARING KNIVES, POCKET KNIVES, SHEARS, AND SCISSORS; AXES, HAMMERS, ADZE, HATCHETS, HAND SAWS, CROSS CUT SAWS, ETC. BROWN-CAMP HARDWARE COMPANY, Des Moines, Iowa.
Filed September 7, 1937. Serial No. 397,180. PUBLISHED JULY 5, 1938. Class 23.

360,222. LADIES' SHOES, MADE OF LEATHER OR FABRIC, OR OF COMBINATIONS OF SAID MATERIALS. MIDLAND SHOE COMPANY, St. Louis, Mo.
Filed September 18, 1937. Serial No. 397,546. PUBLISHED JUNE 7, 1938. Class 39.

360,223. CAMERAS. INTERNATIONAL RADIO CORPORATION, Ann Arbor, Mich.
Filed October 4, 1937. Serial No. 398,108. PUBLISHED JULY 5, 1938. Class 26.

360,224. LEATHER SHOES, FABRIC SHOES, AND SHOES OF LEATHER AND FABRIC. THE FELTMAN & CURME SHOE STORES COMPANY, Chicago, Ill.
Filed October 19, 1937. Serial No. 398,669. PUBLISHED JUNE 21, 1938. Class 39.

360,225. ELECTRIC CHIME AMPLIFIERS, ELECTRIC CARILLON, AND THERMIONIC SOUND REPRODUCERS. A. M. I. DISTRIBUTING CO., Chicago, Ill.
Filed October 25, 1937. Serial No. 398,881. PUBLISHED JULY 5, 1938. Class 21.

360,226. SEWING MACHINES AND SEWING MACHINE PARTS AND ATTACHMENTS. METROPOLITAN SEWING MACHINE CORPORATION, Nyack, N. Y.
Filed October 27, 1937. Serial No. 399,002. PUBLISHED JANUARY 25, 1938. Class 23.

360,227. CERAMIC DINNERWARE. METLOX MANUFACTURING COMPANY, Manhattan Beach, Calif.
Filed November 1, 1937. Serial No. 399,193. PUBLISHED JULY 5, 1938. Class 30.

360,228. ARCH SUPPORTS. ELMER T. HELMS, Eugene, Oreg.
Filed November 3, 1937. Serial No. 399,283. PUBLISHED JULY 5, 1938. Class 44.

360,229. OIL WELL TOOLS AND OIL PRODUCING EQUIPMENT—NAMELY, CHOKES, VALVES, DRILLING HEADS, CONTROL HEADS, OIL SAVERS, TUBING HEADS, BLOWOUT PREVENTERS, FLUID PRESSURE FLOW DEVICES, SNUBBERS, FISHING TOOLS, PARAFFIN SCRAPERS, PACKERS. OTIS PRESSURE CONTROL, INC., Dallas, Tex.
Filed November 4, 1937. Serial No. 399,323. PUBLISHED JULY 5, 1938. Class 23.

360,230. PAPER—NAMELY, BOOK PAPER. THE NORTHWEST PAPER COMPANY, Cloquet, Minn.
Filed November 8, 1937. Serial No. 399,461. PUBLISHED JULY 5, 1938. Class 37.

360,231. PAPER—NAMELY, BOOK, TEXT, LABEL, POSTER, DRAWING, OFFSET, BOND, LEDGER, "MIMEOGRAPH", WRITING, MANILA, PRINTING, BRISTOL, POSTCARD, SIGN, WRAPPING, AND EMBOSSED PAPER. THE NORTHWEST PAPER COMPANY, Cloquet, Minn.
Filed November 8, 1937. Serial No. 399,462. PUBLISHED JULY 5, 1938. Class 37.

360,232. PAPER—NAMELY, BOND, "MIMEOGRAPH", AND LEDGER PAPER. THE NORTHWEST PAPER COMPANY, Cloquet, Minn.
Filed November 8, 1937. Serial No. 399,463. PUBLISHED JULY 5, 1938. Class 37.

360,233. PAPER—NAMELY, WRAPPING PAPER, ESPECIALLY FOR THE USE OF BUTCHERS. THE NORTHWEST PAPER COMPANY, Cloquet Minn.
Filed November 8, 1937. Serial No. 399,467. PUBLISHED JULY 5, 1938. Class 37.

360,234. CANDY. JOHN O. GILBERT CHOCOLATE COMPANY, Jackson, Mich.
Filed November 13, 1937. Serial No. 399,706. PUBLISHED JULY 5, 1938. Class 46.

360,235. NON-SLIP CARPET CUSHIONING OR PADDING CONSISTING OF A FELT MATERIAL WITH A VULCANIZED RUBBER BACK. DENSTEN FELT & HAIR COMPANY, Philadelphia, Pa.
Filed November 24, 1937. Serial No. 400,090. PUBLISHED JULY 5, 1938. Class 50.

360,236. NICKEL-COPPER SHOT. THE INTERNATIONAL NICKEL COMPANY, INC., New York, N. Y.
Filed November 30, 1937. Serial No. 400,303. PUBLISHED JULY 5, 1938. Class 14.

360,237. TRADE STIMULATING MACHINES—NAMELY, MACHINES FOR PRINTING AND DELIVERING TICKETS AND TOKEN CONTROLLED MACHINES FOR EXHIBITING NUMBERS IN CONNECTION WITH RETAILED MERCHANDISING. SOL BROWN, Newark, N. J.
Filed December 3, 1937. Serial No. 400,405. PUBLISHED JULY 5, 1938. Class 23.

360,238. FRESH COOKED FISH AND SHELL-FISH. ARTHUR W. BELCHER, San Francisco, Calif.
Filed December 11, 1937. Serial No. 400,743. PUBLISHED JULY 5, 1938. Class 46.

360,239. MEN'S SUSPENDERS AND BRACES, WOMEN'S GARTERS, HOSE SUPPORTERS, AND GIRDLES. PITTSBURGH GARTER COMPANY, Pittsburgh, Pa.
Filed December 21, 1937. Serial No. 401,118. PUBLISHED JULY 5, 1938. Class 39.

360,240. STONE MONUMENTS, MARKERS, TABLETS, TOMBSTONES, MAUSOLEUMS, AND MEMORIALS. COLD SPRING GRANITE COMPANY, Cold Spring, Minn.
Filed December 29, 1937. Serial No. 401,336. PUBLISHED JULY 5, 1938. Class 50.

360,241. WOMEN'S SHOES OF LEATHER, FABRIC, AND/OR COMBINATIONS OF THE SAME. SHU-STILES, INCORPORATED, St. Louis. Mo.
Filed December 29, 1937. Serial No. 401,354. PUBLISHED JUNE 14, 1938. Class 39.

360,242. WOMEN'S SHOES MADE OF LEATHER, FABRIC, AND COMBINATIONS THEREOF. THE G. EDWIN SMITH SHOE COMPANY, Columbus, Ohio.
Filed January 7, 1938. Serial No. 401,681. PUBLISHED JUNE 14, 1938. Class 39.

360,243. CANNED FOODS—NAMELY, CANNED FRUIT JUICES FOR FOOD PURPOSES. ST. CLAIR FOODS COMPANY, McAllen, Tex.
Filed January 11, 1938. Serial No. 401,794. PUBLISHED JULY 5, 1938. Class 46.

360,244. MACHINE ELEMENTS MADE FROM METALS AND METAL POWDERS, SUCH AS BEARINGS FOR SHAFTS, ETC. GENERAL MOTORS CORPORATION, Detroit, Mich.
Filed January 13, 1938. Serial No. 401,856. PUBLISHED JULY 5, 1938. Class 23.

360,245. FOUNDATION GARMENTS CONSISTING OF CORSETS, BRASSIÈRES, AND COMBINATION CORSETS AND BRASSIÈRES. LADY MAC OF CANADA LIMITED, Toronto, Ontario, Canada.
Filed January 14, 1938. Serial No. 401,900. PUBLISHED JUNE 21, 1938. Class 39.

360,246. CASTING METALS USED IN DENTISTRY. THE WILLIAMS GOLD REFINING COMPANY, INC., Buffalo, N. Y.
Filed January 14, 1938. Serial No. 401,913. PUBLISHED JULY 5, 1938. Class 44.

360,247. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND SYRUPS, EXTRACTS, AND FLAVORS USED IN MAKING THE SAME. JOHN G. FOX, doing business as J. G. Fox & Co., Seattle, Wash.
Filed January 31, 1938. Serial No. 402,515. PUBLISHED JULY 5, 1938. Class 45.

360,248. BIRD SEED AND DOG FOOD. HOWARD E. BAGNALL, doing business as The Bagnall Co., Kansas City, Mo.
Filed February 3, 1938. Serial No. 402,620. PUBLISHED JULY 5, 1938. Class 46.

360,249. MEN'S, WOMEN'S, AND CHILDREN'S SHOES MADE OF LEATHER, FABRIC, RUBBER, OR ANY COMBINATION OF ONE OR MORE OF SAID MATERIALS. CORT SHOES, INC., Cleveland, Ohio.
Filed February 3, 1938. Serial No. 402,666. PUBLISHED JUNE 14, 1938. Class 39.

360,250. CANVAS PIECE GOODS. BARNETT CANVAS GOODS & BAG CO., INC., Philadelphia, Pa.
Filed February 4, 1938. Serial No. 402,674. PUBLISHED JULY 5, 1938. Class 42.

360,251. DOG SOAP. THE BLACK FLAG COMPANY, Baltimore, Md.
Filed February 7, 1938. Serial No. 402,762. PUBLISHED JULY 5, 1938. Class 4.

360,252. DOG SOAP. THE BLACK FLAG COMPANY, Baltimore, Md.
Filed February 7, 1938. Serial No. 402,763. PUBLISHED JULY 5, 1938. Class 4.

360,253. LEATHER SHOES. CABLE SHOES, INC., Los Angeles, Calif.
Filed February 7, 1938. Serial No. 402,766. PUBLISHED JUNE 14, 1938. Class 39.

360,254. WINES. SOUTHLAND WINE CORPORATION, Richmond, Va.
Filed February 9, 1938. Serial No. 402,872. PUBLISHED JULY 5, 1938. Class 47.

360,255. WINES. SOUTHLAND WINE CORPORATION, Richmond, Va.
Filed February 9, 1938. Serial No. 402,873. PUBLISHED JULY 5, 1938. Class 47.

360,256. SLIP COVERS FOR AUTOMOBILES. AUTO-LEC STORES, INC., New Orleans, La.
Filed February 11, 1938. Serial No. 402,925. PUBLISHED JULY 5, 1938. Class 19.

360,257. BEER AND ALE. ROGER WILLIAMS BREWING CORPORATION, Providence, R. I.
Filed February 12, 1938. Serial No. 402,994. PUBLISHED JULY 5, 1938. Class 48.

360,258. TWIST DRILLS, REAMERS, MILLING CUTTERS, AND OTHER METAL CUTTING TOOLS. UNITED DRILL AND TOOL CORPORATION, Chicago, Ill.
Filed February 18, 1938. Serial No. 403,184. PUBLISHED JULY 5, 1938. Class 23.

360,259. FORCED DRAFT VENTILATING AIR COOLER. WILLARD E. BROWN, doing business as Air Conditioning Company, Los Angeles, Calif.
Filed February 23, 1938. Serial No. 403,303. PUBLISHED JULY 5, 1938. Class 34.

360,260. LEATHER GLOVES. BUSCARLET GLOVE CO. INC., New York, N. Y.
Filed February 24, 1938. Serial No. 403,358. PUBLISHED JUNE 21, 1938. Class 39.

360,261. BRANDY, WHISKEY, GIN, RUM, AND ALCOHOLIC CORDIALS. BISCEGLIA BROTHERS CORP., Philadelphia, Pa.
Filed February 25, 1938. Serial No. 403,394. PUBLISHED JULY 5, 1938. Class 49.

360,262. CANDIES, CREAMED MUSHROOMS, AND BORSHT. RUSSIAN TEA ROOM RESTAURANT, INC., New York, N. Y.
Filed February 25, 1938. Serial No. 403,424. PUBLISHED JULY 5, 1938. Class 46.

360,263. FRENCH TRIMMING RIBBON SOLD BY THE YARD, PIECE, OR BOLT FOR HATS, DRESSES, SUITS, BLOUSES, BELTS, LACINGS, NECK TIES, BANDOS, HAIR BOWS, AND THE LIKE. TREMONT MILLS CORPORATION, New York, N. Y.
Filed February 25, 1938. Serial No. 403,434. PUBLISHED JULY 5, 1938. Class 42.

360,264. HOSIERY, NECKTIES, AND UNDERWEAR FOR MEN AND WOMEN. ERNEST TRAVIS OLIVER, Houston, Tex.
Filed March 1, 1938. Serial No. 403,557. PUBLISHED JUNE 14, 1938. Class 39.

360,265. FOUNDATION GARMENTS. THE NEATFORM CO., INC., New York, N. Y.
Filed March 2, 1938. Serial No. 403,609. PUBLISHED JUNE 14, 1938. Class 39.

360,266. THIN SHEETS OF SYNTHETIC MATERIALS FOR ELECTRICAL INSULATION PURPOSES. I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-the-Main, Germany.
Filed March 3, 1938. Serial No. 403,653. PUBLISHED JULY 5, 1938. Class 21.

360,267. HAT BODIES FOR WOMEN'S HATS. SAMUEL DANZIG, New York, N. Y.
Filed March 4, 1938. Serial No. 403,678. PUBLISHED JUNE 7, 1938. Class 39.

360,268. WOMEN'S SHOES OF LEATHER, FABRIC, AND COMBINATIONS OF THESE MATERIALS. JORDAN MARSH COMPANY, Boston, Mass.
Filed March 4, 1938. Serial No. 403,692. PUBLISHED JUNE 21, 1938. Class 39.

360,269. FEED FOR LIVE STOCK AND POULTRY. SARGENT & COMPANY, Des Moines, Iowa.
Filed March 7, 1938. Serial No. 403,787. PUBLISHED JULY 5, 1938. Class 46.

360,270. HANDKERCHIEFS. THE AMERICAN IMPORT COMPANY, San Francisco, Calif.
Filed March 8, 1938. Serial No. 403,808. PUBLISHED JUNE 21, 1938. Class 39.

360,271. GAMES CONSISTING OF A GAME BOARD, OR GAME RACK, PLAYED WITH MOVABLE PIECES. HELENE L. SWENEY, Nahant, Mass.
Filed March 8, 1938. Serial No. 403,836. PUBLISHED JULY 5, 1938. Class 22.

360,272. CHEMICAL SOLVENTS AND PREPARATIONS FOR WASHING AND CLEANING GLASS, WOOD, AND METALS. MEYER-BLANKE COMPANY, St. Louis, Mo.
Filed March 12, 1938. Serial No. 404,005. PUBLISHED JULY 5, 1938. Class 4.

360,273. INFANTS' TEXTILE DIAPERS. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y.
Filed March 12, 1938. Serial No. 404,016. PUBLISHED JUNE 21, 1938. Class 39.

360,274. WAX-RUBBER TAPE IN ROLL FORM ADAPTED FOR USE AS A FLORAL WRAPPING TAPE. MENASHA PRODUCTS COMPANY, Menasha, Wis.
Filed March 14, 1938. Serial No. 404,053. PUBLISHED JULY 5, 1938. Class 37.

360,275. BOTTLED WATER. CALDWELL MINERAL WATER CORP., Caldwell Township, Essex County, N. J.
Filed March 15, 1938. Serial No. 404,077. PUBLISHED JULY 5, 1938. Class 45.

360,276. NAVIGATION INSTRUMENT OF THE PROTRACTOR TYPE, FOR INDICATING COURSES ON CHARTS. HAROLD W. SLAUSON, New York, N. Y.
Filed March 15, 1938. Serial No. 404,093. PUBLISHED JULY 5, 1938. Class 26.

360,277. METAL TANKS FOR LIQUID—NAMELY, HOT WATER TANKS. NATIONAL STEEL CONSTRUCTION CO., Seattle, Wash.
Filed March 16, 1938. Serial No. 404,133. PUBLISHED JULY 5, 1938. Class 34.

360,278. MISSES' AND WOMEN'S SKIRT AND SHIRT ENSEMBLES. PHILIP ILLSON, INC., New York, N. Y.
Filed March 17, 1938. Serial No. 404,174. PUBLISHED JUNE 21, 1938. Class 39.

360,279. FISHING RODS. TYCOON TACKLE, INC., Miami, Fla.
Filed March 17, 1938. Serial No. 404,192. PUBLISHED JULY 5, 1938. Class 22.

360,280. MOLDS AND FORMS FOR MOLDING CONCRETE ARTICLES. LEO G. HAASE, Pasadena, Calif.
Filed March 25, 1938. Serial No. 404,474. PUBLISHED JULY 5, 1938. Class 23.

360,281. HANDKERCHIEFS. THE MANHATTAN SHIRT COMPANY, New York, N. Y.
Filed March 25, 1938. Serial No. 404,479. PUBLISHED JUNE 7, 1938. Class 39.

360,282. HOUSEHOLD FURNITURE, INCLUDING DINING ROOM, BEDROOM, AND LIVING ROOM—NAMELY, CHAIRS, TABLES, BENCHES, FOOTSTOOLS, CABINETS, CHESTS, BEDS, DRESSERS, SOFAS, AND DAVENPORTS BUILT TO ORDER. JAMESTOWN LOUNGE COMPANY, Jamestown, N. Y.
Filed March 26, 1938. Serial No. 404,528. PUBLISHED JULY 5, 1938. Class 32.

360,283. HOUSEHOLD FURNITURE—NAMELY, CHAIRS AND DAVENPORTS BUILT TO ORDER. JAMESTOWN LOUNGE COMPANY, Jamestown, N. Y.
Filed March 26, 1938. Serial No. 404,529. PUBLISHED JULY 5, 1938. Class 32.

360,284. FUSED FRICTION FABRICS FOR BRAKES, CLUTCHES, AND SHOCK-ABSORBERS. THE RUSSELL MANUFACTURING COMPANY, Middletown, Conn.
Filed March 26, 1938. Serial No. 404,547. PUBLISHED JULY 5, 1938. Class 35.

360,285. MEN'S SHOES OF LEATHER, RUBBER, FABRIC, OR COMBINATIONS THEREOF. COMMONWEALTH SHOE AND LEATHER COMPANY, Whitman, Mass.
Filed March 29, 1938. Serial No. 404,602. PUBLISHED JUNE 7, 1938. Class 39.

360,286. GARTERS. W. T. GRANT COMPANY, New York, N. Y.
Filed March 29, 1938. Serial No. 404,606. PUBLISHED JULY 5, 1938. Class 39.

360,287. ELECTRIC LAMP SOCKETS AND CHRISTMAS TREE LIGHTING OUTFITS. RAYLITE TRADING CO., INC., New York, N. Y.
Filed March 29, 1938. Serial No. 404,618. PUBLISHED JULY 5, 1938. Class 21.

360,288. MEN'S AND BOYS' FELT AND STRAW HATS AND CLOTH CAPS, MEN'S SILK HATS, AND FELT AND STRAW HATS FOR WOMEN AND CHILDREN. JOHN B. STETSON COMPANY, Philadelphia, Pa.
Filed March 31, 1938. Serial No. 404,730. PUBLISHED JUNE 14, 1938. Class 39.

360,289. BUSINESS CARDS, SOLICITORS' FOLDING CARDS, LITHO-LETTERHEADS, HOME OFFICE ENVELOPES, BRANCH ANALYSIS SHEETS, ENVELOPES, ETC. NATION WIDE SERVICE BUREAU, Memphis, Tenn.
Filed April 1, 1938. Serial No. 404,772. PUBLISHED JULY 5, 1938. Class 37.

360,290. FABRICS IN THE PIECE. TERHUNE, YEREANCE & WOLFF, INC., New York, N. Y.
Filed April 1, 1938. Serial No. 404,783. PUBLISHED JULY 5, 1938. Class 42.

360,291. GLOVES MADE OF LEATHER, RUBBER, FABRIC AND/OR ANY COMBINATION THEREOF. SHAPIRO GLOVE CO., INC., New York, N. Y.
Filed April 2, 1938. Serial No. 404,819. PUBLISHED JUNE 7, 1938. Class 39.

360,292. SUBSTANCE USED IN ITS RAW, TREATED, FLUORINE. HAROLD R. EYRICH, Custer, S. Dak. AND/OR MODIFIED STATES FOR FORMING PERMANENT SUSPENSIONS IN LIQUIDS, BEING A MAGNESIUM CALCIUM SILICATE CONTAINING FLUORINE. HAROLD R. EYRICH, Custer, S. Dak.
Filed April 4, 1938. Serial No. 404,843. PUBLISHED JULY 5, 1938. Class 1.

360,293. WOOLEN FABRICS IN THE PIECE. TERHUNE, YEREANCE & WOLFF, INC., New York, N. Y.
Filed April 6, 1938. Serial No. 404,963. PUBLISHED JULY 5, 1938. Class 42.

360,294. ELECTRIC RANGES. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa.
Filed April 6, 1938. Serial No. 404,972. PUBLISHED JULY 5, 1938. Class 21.

360,295. HEEL CUSHIONS. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio.
Filed April 7, 1938. Serial No. 404,987. PUBLISHED JUNE 7, 1938. Class 39.

360,296. DOMESTIC AND IMPORTED WINES. THE PADDINGTON CORPORATION, New York, N. Y.
Filed April 8, 1938. Serial No. 405,033. PUBLISHED JULY 5, 1938. Class 47.

360,297. FROZEN CUSTARD. THE REINDEER FROZEN CUSTARD COMPANY, Washington, D. C.
Filed April 8, 1938. Serial No. 405,036. PUBLISHED JULY 5, 1938. Class 46.

360,298. APPARATUS AND MATERIALS FOR PRINTING, DEVELOPING, AND FINISHING PHOTOPRINTS, AND EQUIPMENT AND PARTS THEREFOR. REPRODUCTION EQUIPMENT CORPORATION, New York, N. Y.
Filed April 8, 1938. Serial No. 405,038. PUBLISHED JULY 5, 1938. Class 26.

360,299. ACCORDIONS. THE RUDOLPH WURLITZER COMPANY, De Kalb, Ill.
Filed April 8, 1938. Serial No. 405,045. PUBLISHED JULY 5, 1938. Class 36.

360,300. CLEANING AND POLISHING COMPOUND FOR ALUMINUM AND OTHER METALWARE. HENRY G. EISLER, doing business as Perma Sheen Laboratories, Chicago, Ill.
Filed April 11, 1938. Serial No. 405,106. PUBLISHED JULY 5, 1938. Class 4.

360,301. WINES. WALL STREET LIQUOR CORP., New York, N. Y.
Filed April 11, 1938. Serial No. 405,145. PUBLISHED JULY 5, 1938. Class 47.

360,302. WOOL PIECE GOODS. DEXTER WOOLEN CORPORATION, New York, N. Y.
Filed April 12, 1938. Serial No. 405,152. PUBLISHED JULY 5, 1938. Class 42.

360,303. MEN'S AND WOMEN'S HATS. THE FRANK H. LEE COMPANY, Danbury, Conn.
Filed April 12, 1938. Serial No. 405,165. PUBLISHED JUNE 14, 1938. Class 39.

360,304. LADIES' CORSETS, CORSELETS, GIRDLES, AND FOUNDATION UNDERGARMENTS COMPRISING COMBINATIONS OF TWO OR MORE OF THE FOLLOWING: BRASSIÈRE OR BANDEAU, GIRDLE, CORSET OR CORSELET, AND UNDERDRAWERS OR BLOOMERS. THE LA RESISTA CORSET COMPANY, Bridgeport, Conn.
Filed April 13, 1938. Serial No. 405,213. PUBLISHED JUNE 14, 1938. Class 39.

360,305. CAPS, SCARFS, AND CAP AND SCARF COMBINATIONS FOR CHILDREN, WOMEN, AND MEN. RUTH'S FABRICS, INC., Brooklyn, N. Y.
Filed April 14, 1938. Serial No. 405,272. PUBLISHED JUNE 21, 1938. Class 39.

360,306. CASSEROLES, INCLUDING A CROCKERY CONTAINER SUPPORTED BY A FRAME, FOR USE IN OVENS AND FOR TABLE SERVICE. THE EVEREDY COMPANY, Frederick, Md.
Filed April 15, 1938. Serial No. 405,290. PUBLISHED JULY 5, 1938. Class 13.

360,307. SHEETS AND PILLOW CASES. CAVENDISH TRADING CORPORATION, New York, N. Y.
Filed April 16, 1938. Serial No. 405,346. PUBLISHED JULY 5, 1938. Class 42.

360,308. APPAREL FOR LADIES AND CHILDREN: STREET DRESSES, SPORT DRESSES, EVENING WRAPS, SPORT COATS, DRESS COATS, KNITTED SWEATERS, KNITTED SUITS, AND KNITTED DRESSES. FLEETWOOD SPORTWEAR CO. INC., New York, N. Y.
Filed April 18, 1938. Serial No. 405,386. PUBLISHED JUNE 21, 1938. Class 39.

360,309. BEEFSTEAK SAUCE. MELBOURNE SPURR, doing business as Spurrway Manufacturing Company, Los Angeles, Calif.
Filed April 18, 1938. Serial No. 405,417. PUBLISHED JULY 5, 1938. Class 46.

360,310. MEN'S, WOMEN'S, AND CHILDREN'S SHOES MADE OF LEATHER; MEN'S AND CHILDREN'S HOSE; AND CHILDREN'S ANKLETS. BELK BROTHERS COMPANY, Charlotte, N. C.
Filed April 19, 1938. Serial No. 405,431. PUBLISHED JUNE 28, 1938. Class 39.

360,311. SPUN RAYON PIECE GOODS. MAX LEVINE & Co., New York, N. Y.
Filed April 19, 1938. Serial No. 405,449. PUBLISHED JULY 5, 1938. Class 42.

360,312. HEARING-AID DEVICES AND ACOUSTIC ELEMENTS AND ACCESSORIES THEREOF—NAMELY, SOUND TRANSMITTERS, TELEPHONE RECEIVERS, HEARING-INDUCING BONE OSCILLATORS, AND ELECTRIC SOUND AMPLIFIERS. SONOTONE CORPORATION, Elmsford, N. Y.
Filed April 19, 1938. Serial No. 405,465. PUBLISHED JULY 5, 1938. Class 44.

360,313. PISTON RINGS. SEALED POWER CORPORATION, Muskegon, Mich.
Filed April 20, 1938. Serial No. 405,527. PUBLISHED JULY 5, 1938. Class 35.

360,314. ALCOHOLIC COCKTAILS. GORDON'S DRY GIN COMPANY LIMITED, Linden, N. J., and New York, N. Y.
Filed April 22, 1938. Serial No. 405,600. PUBLISHED JULY 5, 1938. Class 49.

360,315. ELECTRIC LAMPS. LA MODE STUDIOS, INC., New York, N. Y.
Filed April 22, 1938. Serial No. 405,605. PUBLISHED JULY 5, 1938. Class 21.

360,316. KNITTED OUTERWEAR AND BEACH WEAR—NAMELY, SWEATERS, PLAY SUITS, JACKETS, SHIRTS, SKIRTS, VESTEES, DRESSES, MUFFLERS, SNOW-HATS, SNOW-SUITS, BATHING SUITS, PAJAMAS, AND BEACH-ROBES FOR MEN, WOMEN, AND CHILDREN. OCEAN BATHING SUIT COMPANY, INC., New York, N. Y.
Filed April 22, 1938. Serial No. 405,612. PUBLISHED JUNE 21, 1938. Class 39.

360,317. COMMERCIAL AND BUSINESS FORMS, BOTH PLAIN AND PRINTED, IN THE NATURE OF INVOICES, STATEMENTS, ACCOUNTING FORMS, BANK CHECKS, EITHER SINGLE OR MANIFOLD, INSERT SHEETS BOTH CARBONIZED AND PLAIN. CARBON SYSTEMS, INC., Kansas City, Mo.
Filed April 23, 1938. Serial No. 405,632. PUBLISHED JULY 5, 1938. Class 37.

360,318. LINERS OR LINER PLATES OF CAST METAL FOR BALL MILLS, GRINDERS, DISINTEGRATORS, PULVERIZERS, CRUSHERS, AND THE LIKE. THE EIMCO CORPORATION, Salt Lake City, Utah.
Filed April 25, 1938. Serial No. 405,692. PUBLISHED JULY 5, 1938. Class 14.

360,319. SHOES MADE WHOLLY OR PARTLY OF LEATHER. GALLENKAMP STORES CO., San Francisco, Calif.
Filed April 25, 1938. Serial No. 405,695. PUBLISHED JUNE 28, 1938. Class 39.

360,320. MALT PREPARATION IN POWDER FORM FOR BREAD MAKING. STUART LEE JAFFRAY, INC., Brooklyn, N. Y.
Filed April 26, 1938. Serial No. 405,725. PUBLISHED JULY 5, 1938. Class 46.

360,321. MEN'S FURNISHINGS: DRESS, NEGLIGEE, AND WORK SHIRTS, PAJAMAS, SOCKS, AND NECKTIES. JOHN D. VAN ALLEN & SON, INC., Clinton, Iowa.
Filed April 27, 1938. Serial No. 405,789. PUBLISHED JUNE 28, 1938. Class 39.

360,322. SILKS, RAYONS, AND COTTON GOODS IN THE PIECE. STERLING TEXTILE PRINTERS, INC., New York, N. Y.
Filed April 27, 1938. Serial No. 405,793. PUBLISHED JULY 5, 1938. Class 42.

360,323. SILKS, RAYONS, AND COTTON GOODS IN THE PIECE. STERLING TEXTILE PRINTERS, INC., New York, N. Y.
Filed April 27, 1938. Serial No. 405,794. PUBLISHED JULY 5, 1938. Class 42.

360,324. PAPER TOWELS. BROWN COMPANY, Portland, Maine, and Berlin, N. H.
Filed April 28, 1938. Serial No. 405,805. PUBLISHED JULY 5, 1938. Class 37.

360,325. DICE GAME. ZENON C. R. HANSEN, Gary, Ind.
Filed April 28, 1938. Serial No. 405,810. PUBLISHED JULY 5, 1938. Class 22.

360,326. GAS AND OIL BURNING HEATING FURNACES. BENJAMIN F. STEPHENS, doing business as Dean & Stephens, Tulsa, Okla.
Filed April 28, 1938. Serial No. 405,828. PUBLISHED JULY 5, 1938. Class 34.

360,327. HAND SUPPORTED MUSICAL INSTRUMENTS OF THE XYLOPHONE TYPE. CHARLES C. WEIDEMANN, Columbus, Ohio.
Filed April 29, 1938. Serial No. 405,837. PUBLISHED JULY 5, 1938. Class 36.

360,328. BLUE-PRINT PAPER. CHARLES BRUNING COMPANY, INC., New York, N. Y.
Filed April 29, 1938. Serial No. 405,842. PUBLISHED JULY 5, 1938. Class 26.

360,329. MINERAL MATERIAL IN THE NATURE OF A FILTER POWDER HAVING ADSORPTIVE AND DECOLORIZING PROPERTIES AND ADAPTED FOR USE AS A DECOLORIZER OR "SWEETENER" IN THE RECLAIMING OF DRY CLEANING SOLVENTS, INCLUDING CHLORINATED AND OTHER SOLVENTS, AND SIMILAR USES. JOHNS-MANVILLE CORPORATION, New York, N. Y.
Filed April 29, 1938. Serial No. 405,848. PUBLISHED JULY 5, 1938. Class 31.

360,330. PARLOR GAME PLAYED WITH MOVABLE PIECES. RHYME-A-LINOS COMPANY OF AMERICA, INC., Coytesville, N. J.
Filed April 29, 1938. Serial No. 405,858. PUBLISHED JULY 5, 1938. Class 22.

360,331. COTTON, WOOLEN, AND RAYON AND COTTON, WOOLEN, AND RAYON MIXTURES IN THE PIECE. JONETTE KNITTING MILLS INC., New York, N. Y.
Filed April 30, 1938. Serial No. 405,879. PUBLISHED JULY 5, 1938. Class 42.

360,332. WORSTED FLANNEL IN THE PIECE. LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I., and New York, N. Y.
Filed April 30, 1938. Serial No. 405,882. PUBLISHED JULY 5, 1938. Class 42.

360,333. LEATHER IN THE PIECE. R. NEUMANN & COMPANY, Hoboken, N. J.
Filed April 30, 1938. Serial No. 405,886. PUBLISHED JULY 5, 1938. Class 1.

360,334. PORCELAIN RECEPTACLES FOR EXPOSED WIRING, DEAD-END SWITCHES, FEED-THRU SWITCHES, KEYLESS LAMP RECEPTACLES, PULL-CHAIN LAMP RECEPTACLES, ROSETTES, JUNCTION BOXES, AND CONVENIENCE OUTLETS. PASS & SEYMOUR, INC., Syracuse and Solvay, N. Y.
Filed April 30, 1938. Serial No. 405,888. PUBLISHED JULY 5, 1938. Class 21.

360,335. PROPHYLACTIC RUBBER ARTICLES FOR THE PREVENTION OF CONTAGIOUS DISEASES. ROBERT J. PIERCE, INC., New York, N. Y.
Filed April 30, 1938. Serial No. 405,893. PUBLISHED JULY 5, 1938. Class 44.

360,336. MAKE-UP MIRROR DEVICES. AMERICAN AUTOMATIC DEVICES CO., Chicago, Ill.
Filed May 4, 1938. Serial No. 405,978. PUBLISHED JULY 5, 1938. Class 32.

360,337. JELLIES, JAMS, FRUIT PRESERVES, MARMALADES, AND TABLE SYRUP. J. D. ARMSTRONG, doing business as Kopper Kettle Preserving Co. and Kopper Kettle Syrup Co., Los Angeles, Calif.
Filed May 4, 1938. Serial No. 405,980. PUBLISHED JULY 5, 1938. Class 46.

360,338. TABLES AND CABINETS. DAVID DILLON, New York, N. Y.
Filed May 4, 1938. Serial No. 405,985. PUBLISHED JULY 5, 1938. Class 32.

360,339. ROTARY FILES AND RASPS. MATTHEW A. FORD, doing business as M. A. Ford Mfg. Co., Davenport, Iowa.
Filed May 4, 1938. Serial No. 405,986. PUBLISHED JULY 5, 1938. Class 23.

360,340. PACKING PAPER. CHARLES F. HUBBS & COMPANY, New York, N. Y.
Filed May 4, 1938. Serial No. 405,991. PUBLISHED JULY 5, 1938. Class 37.

360,341. LADIES' HANDBAGS. SEARS, ROEBUCK AND Co., Chicago, Ill.
Filed May 4, 1938. Serial No. 406,002. PUBLISHED JULY 5, 1938. Class 3.

360,342. PANTIES AND GIRDLES. WOLFE & LANG, INC., New York, N. Y.
Filed May 4, 1938. Serial No. 406,006. PUBLISHED JUNE 28, 1938. Class 39.

360,343. OUT DOOR BIRD HOUSES. HERIBERT W. HUWERTH, Emporium, Pa.
Filed May 2, 1938. Serial No. 406,008. PUBLISHED JULY 5, 1938. Class 50.

360,344. FURNITURE, CONSISTING OF CHAIRS, SOFAS, SETEES, DAVENPORTS, AND OCCASIONAL TABLES. GRAND RAPIDS UPHOLSTERING COMPANY, Grand Rapids, Mich.
Filed May 5, 1938. Serial No. 406,040. PUBLISHED JULY 5, 1938. Class 32.

360,345. TEXTILE FABRICS IN THE PIECE—NAMELY, SILK FABRICS, SATIN FABRICS, RAYON FABRICS, COTTON FABRICS, AND MIXTURES THEREOF. DUPLAN SILK CORPORATION, New York, N. Y.
Filed May 6, 1938. Serial No. 406,051. PUBLISHED JULY 5, 1938. Class 42.

360,346. SISAL RUGS AND CARPETS. HODGES CARPET COMPANY, Indian Orchard, Mass.
Filed May 6, 1938. Serial No. 406,055. PUBLISHED JULY 5, 1938. Class 42.

360,347. BAROMETERS. TAYLOR INSTRUMENT COMPANIES, Rochester, N. Y.
Filed May 6, 1938. Serial No. 406,073. PUBLISHED JULY 5, 1938. Class 26.

360,348. COTTON BATH MATS AND TOILET-SEAT COTTON LID-COVERS. COLORBRITE TEXTILES, INC., New York, N. Y.
Filed May 2, 1938. Serial No. 406,078. PUBLISHED JULY 5, 1938. Class 42.

360,349. GLOVES MADE OF RUBBER AND FABRIC. EDMONT MANUFACTURING CO., Coshocton, Ohio.
Filed May 10, 1938. Serial No. 406,180. PUBLISHED JULY 5, 1938. Class 39.

360,350. WOOLEN PIECE GOODS. SCHNEIDER & ARMITAGE, New York, N. Y.
Filed May 10, 1938. Serial No. 406,195. PUBLISHED JULY 5, 1938. Class 42.

360,351. LININGS OF TIN, LEAD, OR THE LIKE, BONDED TO STEEL OR OTHER METALS. FRANCIS R. GLENNER, doing business as Homogeneous Equipment Company, Downingtown, Pa.
Filed May 11, 1938. Serial No. 406,216. PUBLISHED JULY 5, 1938. Class 14.

360,352. COTTON GOODS IN THE PIECE AND SHADECLOTH IN THE PIECE. ALBERT D. SMITH & Co., New York, N. Y.
Filed May 11, 1938. Serial No. 406,231. PUBLISHED JULY 5, 1938. Class 42.

360,353. WHISKEY, GIN, BRANDY, AND LIQUEURS. WAKEM & MCLAUGHLIN, INCORPORATED, Chicago, Ill.
Filed May 11, 1938. Serial No. 406,236. PUBLISHED JULY 5, 1938. Class 49.

360,354. PIECE GOODS MADE WHOLLY OR PARTIALLY OF CELLULOSE DERIVATIVES. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed May 12, 1938. Serial No. 406,238. PUBLISHED JULY 5, 1938. Class 42.

360,355. CANDY. THE EUCLID CANDY CO. OF CALIFORNIA, INC., San Francisco, Calif.
Filed May 12, 1938. Serial No. 406,243. PUBLISHED JULY 5, 1938. Class 46.

360,356. PILE FABRICS IN THE PIECE COMPOSED OF MOHAIR AND COTTON. SIDNEY BLUMENTHAL & Co. INC., New York, N. Y.
Filed May 13, 1938. Serial No. 406,279. PUBLISHED JULY 5, 1938. Class 42.

360,357. BEER. A. GETTELMAN BREWING CO., Milwaukee, Wis.
Filed May 13, 1938. Serial No. 406,286. PUBLISHED JULY 5, 1938. Class 48.

360,358. FLEXIBLE TUBES, HOSE, PIPES, SHEETS, AND FILMS MADE IN WHOLE OR IN PART OF POLYVINYL ALCOHOL FOR USE IN THE CONVEYING, STORING, AND HANDLING OF OILS, GASOLINE, AND ORGANIC SOLVENTS. RESISTOFLEX CORPORATION, New York, N. Y.
Filed May 13, 1938. Serial No. 406,301. PUBLISHED JULY 5, 1938. Class 35.

360,359. OLIVE OIL. UNITED PURE FOOD CO., New York, N. Y.
Filed May 13, 1938. Serial No. 406,304. PUBLISHED JULY 5, 1938. Class 46.

360,360. VARIOUS METALS AND METAL ALLOYS, SUCH AS IRON, STEEL, AND ALUMINUM, AND INCLUDING CASTINGS OF THE SAME. SOCIÉTÉ ANONYME DES MINERAIS, Luxemburg, Luxemburg.
Filed May 14, 1938. Serial No. 406,354. PUBLISHED JULY 5, 1938. Class 14.

360,361. CANNED VEGETABLES. GRIGGS CANNING COMPANY, Natalia, Tex.
Filed May 16, 1938. Serial No. 406,380. PUBLISHED JULY 5, 1938. Class 46.

360,362. CANNED VEGETABLES. GRIGGS CANNING COMPANY, Natalia, Tex.
Filed May 16, 1938. Serial No. 406,381. PUBLISHED JULY 5, 1938. Class 46.

360,363. VEGETABLE FOOD RESEMBLING MEAT. LOMA LINDA FOOD COMPANY, Loma Linda, Calif.
Filed May 16, 1938. Serial No. 406,392. PUBLISHED JULY 5, 1938. Class 46.

360,364. PURELY VEGETABLE FOOD COMPOSED OF NUTS, GRAINS, AND HERBS WITH FLAVORING. LOMA LINDA FOOD COMPANY, Loma Linda, Calif.
Filed May 16, 1938. Serial No. 406,393. PUBLISHED JULY 5, 1938. Class 46.

360,365. FROZEN CONFECTIONS. JOE LOWE CORPORATION, New York, N. Y.
Filed May 16, 1938. Serial No. 406,396. PUBLISHED JULY 5, 1938. Class 46.

360,366. WINDOW SHADES AND VENETIAN BLINDS. OMAHA SHADE COMPANY, Omaha, Nebr.
Filed May 16, 1938. Serial No. 406,399. PUBLISHED JULY 5, 1938. Class 32.

360,367. GAMES PLAYED WITH A BALL AND A CONTAINER. O. SCHOENHUT INC., Philadelphia, Pa.
Filed May 16, 1938. Serial No. 406,402. PUBLISHED JULY 5, 1938. Class 22.

360,368. GASTRIC DRIP APPARATUS. JOHN WYETH AND BROTHER, INCORPORATED, Philadelphia, Pa.
Filed May 16, 1938. Serial No. 406,409. PUBLISHED JULY 5, 1938. Class 44.

360,369. BICYCLES. THE MAY DEPARTMENT STORES COMPANY, New York, N. Y.; Akron and Cleveland, Ohio; Baltimore, Md.; Denver, Colo.; Los Angeles, Calif.; and St. Louis, Mo.
Filed May 17, 1938. Serial No. 406,428. PUBLISHED JULY 5, 1938. Class 19.

360,370. TABLE SYRUP. CANE GROWERS COOPERATIVE ASSOCIATION, Cairo, Ga.
Filed May 18, 1938. Serial No. 406,442. PUBLISHED JULY 5, 1938. Class 46.

360,371. DEVICES FOR FITTING A HEARING-AID TO THE NEEDS OF A PERSON OF IMPAIRED HEARING, AND THE ELEMENTS AND ACCESSORIES THEREOF. SONOTONE CORPORATION, New York, N. Y.
Filed May 19, 1938. Serial No. 406,531. PUBLISHED JULY 5, 1938. Class 44.

360,372. NON-ALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES, SOLD AS SOFT DRINKS AND SIRUPS AND EXTRACTS FOR MAKING THE SAME. ABOU SIMON BAILIS, Mount Vernon, N. Y.
Filed May 20, 1938. Serial No. 406,543. PUBLISHED JULY 5, 1938. Class 45.

360,373. DISPLAY EASELS. ASSOCIATED DISPLAYS CORP., New York, N. Y.
Filed May 21, 1938. Serial No. 406,574. PUBLISHED JULY 5, 1938. Class 32.

360,374. SYRUPS, EXTRACTS, FLAVORS AND IMITATION FLAVORS, HERB, VEGETABLE, AND FRUIT COMPOUNDS TO BE USED IN THE PREPARATION OF NON-ALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES. THE J. R. WATKINS COMPANY, Winona, Minn.
Filed May 21, 1938. Serial No. 406,612. PUBLISHED JULY 5, 1938. Class 45.

360,375. NON-ALCOHOLIC CARBONATED COFFEE BEVERAGE. R. H. MACY & CO., INC., New York, N. Y.
Filed May 23, 1938. Serial No. 406,648. PUBLISHED JULY 5, 1938. Class 45.

360,376. DENTAL FLOSS. S. H. KRESS AND COMPANY, New York, N. Y.
Filed May 24, 1938. Serial No. 406,686. PUBLISHED JULY 5, 1938. Class 44.

360,377. GOLF BALLS. ACUSHNET PROCESS COMPANY, Acushnet, Mass.
Filed May 25, 1938. Serial No. 406,702. PUBLISHED JULY 5, 1938. Class 22.

360,378. GAME OF CARDS. WILLIAM H. PARKER, Richmond, Va.
Filed May 25, 1938. Serial No. 406,728. PUBLISHED JULY 5, 1938. Class 22.

360,379. AIR CONDITIONERS. YORK ICE MACHINERY CORPORATION, York, Pa.
Filed May 25, 1938. Serial No. 406,742. PUBLISHED JULY 12, 1938. Class 34.

360,380. WHEAT FLOUR. THE MIDLAND FLOUR MILLING COMPANY, Kansas City, Mo.
Filed May 27, 1938. Serial No. 406,819. PUBLISHED JULY 5, 1938. Class 46.

360,381. MATTRESSES. PERFECTION MATTRESS & SPRING COMPANY, Birmingham, Ala.
Filed May 27, 1938. Serial No. 406,823. PUBLISHED JULY 5, 1938. Class 32.

360,382. ITEMS OF CHILDREN'S FURNITURE AND TRAINING ACCESSORIES—NAMELY, CHILDREN'S NURSERY SEATS, NURSERY CHAIRS, ETC. HAMILTON MANUFACTURING CO., Two Rivers, Wis.
Filed May 31, 1938. Serial No. 406,924. PUBLISHED JULY 5, 1938. Class 32.

360,383. TABLES. MICHIGAN ARTCRAFT COMPANY, Sparta, Mich.
Filed May 31, 1938. Serial No. 406,935. PUBLISHED JULY 5, 1938. Class 32.

360,384. BEDROOM FURNITURE—NAMELY, BEDS, CHAIRS, TABLES, BUREAUS, CHIFFONIERS, DRESSING TABLES, ETC. ROBERT W. IRWIN COMPANY, Grand Rapids, Mich.
Filed June 1, 1938. Serial No. 406,978. PUBLISHED JULY 5, 1938. Class 32.

360,385. COMBINATION FOLDABLE DESK AND MUSIC STAND. H. & A. SELMER, INCORPORATED, Elkhart, Ind.
Filed June 1, 1938. Serial No. 406,988. PUBLISHED JULY 5, 1938. Class 32.

360,386. HOSE. TRICO PRODUCTS CORPORATION, Buffalo, N. Y.
Filed June 1, 1938. Serial No. 406,994. PUBLISHED JULY 5, 1938. Class 35.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

360,387. (CLASS 39. CLOTHING.) LEVY BROTHERS OF ELIZABETH, N. J., INC., Elizabeth, N. J. Filed Apr. 27, 1937. Serial No. 391,919.

Brentwood

LEVY BROTHERS

For Men's and Boys' Suits, Coats, Underwear, Negligee Shirts, Hosiery, and Women's Underwear, Corsets, Brassières, and Hosiery.
Claims use since Jan. 15, 1934.

360,388. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) CHARLES BURSTEIN & BRO. INC., New York, N. Y. Filed May 22, 1937. Serial No. 393,119.

Bagettes

For Ladies' Handbags and Purses.
Claims use since May 11, 1936.

360,389. (CLASS 48. MALT BEVERAGES AND LIQUORS.) SALEM BREWERY ASSOCIATION, Salem, Oreg. Filed June 4, 1937. Serial No. 393,664.

Salem

"It's the Beer"

For Beer.
Claims use since Apr. 21, 1937.

360,390. (CLASS 48. MALT BEVERAGES AND LIQUORS.) SALEM BREWERY ASSOCIATION, Salem, Oreg. Filed June 4, 1937. Serial No. 393,665.

Salem

THE PILSNER OF THE WEST

For Beer.
Claims use since Apr. 21, 1937.

360,391. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SHEDD PRODUCTS COMPANY, Detroit, Mich. Filed June 23, 1937. Serial No. 394,428.

Shedd's

For Oleomargarine.
Claims use since May 11, 1937.

360,392. (CLASS 39. CLOTHING.) HENRY POLLAK, INC., New York, N. Y. Filed July 10, 1937. Serial No. 395,090.

BARNSLEY

For Hat Bodies and Hats for Women and Children.
Claims use since July 1, 1937.

360,393. (CLASS 39. CLOTHING.) HENRY POLLAK, INC., New York, N. Y. Filed July 10, 1937. Serial No. 395,091.

CARDIGAN

For Hat Bodies and Hats for Women and Children.
Claims use since July 1, 1937.

360,394. (CLASS 39. CLOTHING.) HENRY POLLAK, INC., New York, N. Y. Filed July 10, 1937. Serial No. 395,093.

LEICESTER

For Hat Bodies and Hats for Women and Children.
Claims use since July 1, 1937.

360,395. (CLASS 39. CLOTHING.) HENRY POLLAK, INC., New York, N. Y. Filed July 10, 1937. Serial No. 395,094.

WINSLOW

For Hat Bodies and Hats for Women and Children.
Claims use since July 1, 1937.

360,396. (CLASS 39. CLOTHING.) SWANK PRODUCTS, INC., Attleboro, Mass. Filed July 17, 1937. Serial No. 395,361.

GRIP-TITE

For Men's Suspenders or Braces for Supporting Trousers.
Claims use since July 12, 1935.

360,397. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) DEVOE & RAYNOLDS COMPANY, INC., New York, N. Y. Filed July 28, 1937. Serial No. 395,702.

FibreKraft

For Brushes for Applying Such Products as Roof Coating, Kalsomine, and Whitewash, and Smoothing Brushes for Applying Wall Paper.
Claims use since Apr. 16, 1937.

360,398. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) WOOD-KRAFT PRODUCTS CO., INC., Chicago, Ill. Filed Aug. 6, 1937. Serial No. 396,097.



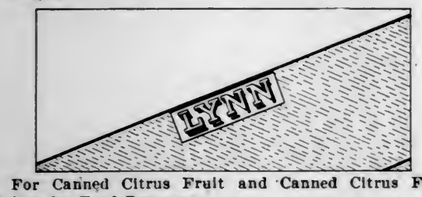
For Plastic Products and Novelties—Namely, Religious Figures, Plaques, Ornamental Animal Figures of All Kinds, Advertising Figures, Statues, and Shoe Trees.
Claims use since June 18, 1937.

360,399. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) KRAUS BROS. & CO., INC., New York, N. Y. Filed Aug. 8, 1938. Serial No. 400,363.

WINFIELD

For Whiskies, Gins, and Alcoholic Cordials.
Claims use since March, 1934.

360,400. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) J. J. LYNN, doing business as Lynn Citrus Groves, Pharr, Tex. Filed Aug. 14, 1937. Serial No. 396,413.



For Canned Citrus Fruit and Canned Citrus Fruit Juices for Food Purposes.
Claims use since June, 1936.

360,401. (CLASS 39. CLOTHING.) EMPORIUM WORLD MILLINERY CO., Chicago, Ill. Filed Aug. 30, 1937. Serial No. 396,911.

Fenwick

For Hats for Women.
Claims use since Mar. 2, 1935.

360,402. (CLASS 39. CLOTHING.) EDWARD BAIRD, Los Angeles, Calif. Filed Nov. 17, 1937. Serial No. 399,820.

FOOT UPHOLSTERY

For Cushioned Inserts for Shoes.
Claims use since Oct. 15, 1933.

360,403. (CLASS 39. CLOTHING.) CARTWRIGHT GOWNS, INC., Minneapolis, Minn. Filed Dec. 7, 1937. Serial No. 400,550.

martha gale

For Junior Misses' Dresses.
Claims use since Dec. 15, 1935.

360,404. (CLASS 39. CLOTHING.) MARIE C. PALMER, Chicago, Ill. Filed Jan. 3, 1938. Serial No. 401,505.

PROTEK -SHU

For Shoe-Covers Intended to be Worn Over Shoes.
Claims use since Mar. 9, 1936.

360,405. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) JACKSON & CHURCH CO., Saginaw, Mich. Filed Jan. 12, 1938. Serial No. 401,817.

BERTOSSA

For Oil, Gas, and Coal Furnaces.
Claims use since July, 1937.

360,406. (CLASS 39. CLOTHING.) CORT SHOES, INC., Cleveland, Ohio. Filed Feb. 3, 1938. Serial No. 402,661.

COMBINATION LAST
BELMAR
ARCH SUPPORT

For Men's, Women's, and Children's Shoes Made of Leather, Fabric, Rubber, or Any Combination of One or More of Said Materials.
Claims use since March, 1936.

360,407. (CLASS 39. CLOTHING.) CORT SHOES, INC., Cleveland, Ohio. Filed Feb. 3, 1938. Serial No. 402,662.

COMBINATION LAST
DEXTER
ARCH SUPPORT

For Men's, Women's, and Children's Shoes Made of Leather, Fabric, Rubber, or Any Combination of One or More of Said Materials.
Claims use since March, 1936.

360,408. (CLASS 39. CLOTHING.) CORT SHOES, INC., Cleveland, Ohio. Filed Feb. 3, 1938. Serial No. 402,664.

KINGSTON
"De-Luxe Footwear"

For Men's, Women's, and Children's Shoes Made of Leather, Fabric, Rubber, or Any Combination of One or More of Said Materials.
Claims use since March, 1936.

360,409. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) HAMILTON C. BATES, doing business as C. J. Bates & Son, Chester, Conn. Filed Feb. 23, 1938. Serial No. 403,298.

Susan Bates

For Sewing Kits and Sewing Accessories Comprising Measuring Tapes and Rules, Scissors, Needles, Thread, and Thimbles; and Knitting and Embroidery Accessories Comprising Bodkins, Stilettos, Crochet Hooks, Knitting Needles, Stitch Holders, and Tatting Shuttles.
Claims use since Jan. 1, 1937.

360,410. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) MARIE A. POLACK, York, Pa. Filed Mar. 11, 1938. Serial No. 403,960.

PENNSYLVANIA DUTCH DOLLS

For Toy Dolls.
Claims use since Jan. 6, 1936.

360,411. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) WEBENDORFER-WILLS COMPANY, INC., Mount Vernon, N. Y. Filed Mar. 11, 1938. Serial No. 403,973.

LITTLE GIANT

For Printing Presses.
Claims use since 1930.

360,412. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) AMERICAN SEED CORPORATION, Detroit, Mich. Filed Mar. 12, 1938. Serial No. 403,978.

"All-Nu-Crop" Seeds

For Garden Seeds for Vegetables, Flowers, Grass, and Grains.
Claims use since July, 1937.

360,413. (CLASS 39. CLOTHING.) GLOBE KNITTING WORKS, Grand Rapids, Mich. Filed Mar. 21, 1938. Serial No. 404,306.

Ruffsuede

For Women's and Misses' Fabric Gloves.
Claims use since February, 1935.

360,414. (CLASS 39. CLOTHING.) MOHN BROTHERS COMPANY, Reading, Pa. Filed Mar. 29, 1938. Serial No. 404,615.

BERKSHIRE

MOHN

For Hat Bodies of Felt for Men, Women, and Children.
Claims use since May 1, 1934.

360,415. (CLASS 45. BEVERAGES, NONALCOHOLIC.) BARRON-GRAY PACKING COMPANY, San Jose, Calif. Filed Apr. 20, 1938. Serial No. 405,477.

EVEREADY

For Nonalcoholic Canned Fruit Juices for Beverage Purposes.
Claims use since July 10, 1937.

360,416. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) KARA TRADING CORP., New York, N. Y. Filed Apr. 26, 1938. Serial No. 405,727.

YUKON

For Fur Skins and Pelts.
Claims use since Dec. 14, 1935.

360,417. (CLASS 39. CLOTHING.) THE TOLEDO GLOVE MANUFACTURING COMPANY, Toledo, Ohio. Filed Apr. 25, 1938. Serial No. 405,908.



RUBBERIZED - WATERPROOF

For Gloves and Gauntlets Made of Fabrics and Combinations of Fabric and Leather.
Claims use since Dec. 19, 1935.

360,418. (CLASS 39. CLOTHING.) WEBER & HEILBRONER, INC., New York, N. Y. Filed May 24, 1938. Serial No. 406,698.

GOSSAMERE

For Wearing Apparel for Men and Boys—Namely, Hats, Caps, Overcoats, Top Coats, Trousers, Jackets, Coats, Knitted Jackets, Sport Coats, Vests, Sweaters, Pullovers, Snow Suits, and Leather and Fabric Gloves.
Claims use since June 1, 1937.

360,419. (CLASS 39. CLOTHING.) KNOTHE BROS. CO., INC., New York, N. Y. Filed May 25, 1938. Serial No. 406,721.

CHANTILLY CREPE

For Pajamas, Robes, and Shorts for Men.
Claims use since May 6, 1932.

360,420. (CLASS 39. CLOTHING.) I. SHALOM & CO., INC., New York, N. Y. Filed May 27, 1938. Serial No. 406,831.

NILE-SPUN

For Handkerchiefs.
Claims use since Mar. 29, 1937.

360,421. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) THE HAWLEY COMPANY, Dallas, Tex. Filed May 28, 1938. Serial No. 406,865.

HAWLEY

For Awnings.
Claims use since June 1, 1934.

360,422. (CLASS 39. CLOTHING.) S & S LEATHER GOODS CORP., New York, N. Y. Filed May 31, 1938. Serial No. 406,942.

WASH-A-BELT

For Apparel Belts.
Claims use since Jan. 5, 1937.

360,423. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) HENRY T. SCHIFF. Chicago, Ill. Filed June 30, 1938. Serial No. 408,075.

ELGIN

For Cameras, Photographic Lenses, and Sensitized Photographic Films.
Claims use since Nov. 14, 1931.

360,424. (CLASS 7. CORDAGE.) LUDLOW MANUFACTURING & SALES CO., Boston, Mass. Filed Aug. 4, 1938. Serial No. 409,240.

COPPERTAN

For Twine Manufactured from Vegetable Fiber.
Claims use since Jan. 13, 1937.

360,425. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) KRAUS BROS. & CO., INC., New York, N. Y. Filed Aug. 8, 1938. Serial No. 409,362.

PARKDALE

For Whiskies, Gins, and Alcoholic Cordials.
Claims use since March, 1934.

LABELS

REGISTERED SEPTEMBER 13, 1938

51,780.—*Title:* AMERICAN PLUS PHILLIPS SCREWS. For Metal Screws. AMERICAN SCREW COMPANY, Providence, R. I. Published January 22, 1938.

51,781.—*Title:* SUNBEAM (APPLE JUICE). For Pure Natural Unsweetened Apple Juice. AUSTIN, NICHOLS & Co. INC., Brooklyn, N. Y. Published February 25, 1938.

51,782.—*Title:* SUNBEAM (CHOCOLATE FLAVORED MALTED MILK). For Sweetened Chocolate Flavored Malted Milk. AUSTIN, NICHOLS & CO. INC., Brooklyn, N. Y. Published June 23, 1938.

51,783.—*Title:* SUNBEAM (ORANGE AND GRAPEFRUIT JUICE). For Orange and Grapefruit Juice. AUSTIN, NICHOLS & Co. INC., Brooklyn, N. Y. Published March 21, 1938.

51,784.—*Title:* TATO-MIX. For a Mix. DAVID DALSEY, doing business as Dalsey Co., Chicago, Ill. Published May 1, 1938.

51,785.—*Title:* CHEMI-CLEAN. For a Preparation for Cleaning Toilet Bowls and Auto Radiators. PRESTON ELBERT DALTON, doing business as Dalton Distributors, Collinsville, Ill. Published July 21, 1938.

51,786.—*Title:* SPOR-TEE STRUTTERS. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published March 23, 1938.

51,787.—*Title:* GLORIA FOOTWEAR. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published March 23, 1938.

51,788.—*Title:* FASHION TRED SHOES. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published January 21, 1938.

51,789.—*Title:* SUPREME FASHION. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published January 21, 1938.

51,790.—*Title:* SMART STYLES. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published January 5, 1938.

51,791.—*Title:* SABRO. For Footwear. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published December 3, 1936.

51,792.—*Title:* SPORTSGIRL. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published January 3, 1938.

51,793.—*Title:* JUNIOR TRED-PRESERVER. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published January 10, 1938.

51,794.—*Title:* S C R Inc. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published March 25, 1938.

51,795.—*Title:* ARTISTYLE. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published January 14, 1938.

51,796.—*Title:* FORSYTHE. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published January 24, 1938.

51,797.—*Title:* STYLE ALL THE WHILE. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published December 30, 1937.

51,798.—*Title:* BOULEVARD FASHION. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published February 11, 1938.

51,799.—*Title:* SHURFINE (SYRUP). For Golden Syrup. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,800.—*Title:* SHURFINE (BLACKBERRIES). For Blackberries. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,801.—*Title:* SHURFINE (SPAGHETTI). For Spaghetti. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,802.—*Title:* SHURFINE (GELATIN DESSERT). For Gelatin Dessert. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published July 1, 1936.

51,803.—*Title:* SHURFINE (OATS). For Quick Cooking Oats. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,804.—*Title:* SHURFINE (PANCAKE FLOUR). For Pancake Flour. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,805.—*Title:* SHURFINE (CAKE FLOUR). For Cake Flour. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published August 1, 1936.

51,806.—*Title:* SHURFINE (CORN FLAKES). For Corn Flakes. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,807.—*Title:* SHURFINE (SHREDDED COCOANUT). For Shredded Cocoanut. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published March 2, 1936.

51,808.—*Title:* SHURFINE (MINCE MEAT). For Mince Meat. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,809.—*Title:* SHURFINE (MACARONI). For Macaroni. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,810.—*Title:* SHURFINE (TOMATO SOUP). For Tomato Soup. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,811.—*Title:* SHURFINE (SALAD DRESSING). For Salad Dressing. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,812.—*Title:* SHURFINE (MARSHMALLOWS). For Marshmallows. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,813.—*Title:* EVERCRISP. For Pickles. PACKARD-BAMBERGER & Co., INC., Hackensack, N. J. Published January 12, 1938.

51,814.—*Title:* PILLSBURY'S PANCAKE FLOUR. For Pancake Flour. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Published August 1, 1938.

51,815.—*Title:* SILVER SEAL. For Bread. RAPINWAX PAPER COMPANY, Minneapolis, Minn. Published August 1, 1937.

51,816.—*Title:* DR. ROSS' TEXAS GRAPEFRUIT JUICE. For Grapefruit Juice Beverage. GEORGE L. Ross, Racine, Wis. Published December 2, 1937.

51,817.—*Title:* BUILD-YOUR-OWN NEW YORK FAIR. For Toy Fair Erecting Sets. STANDARD TOYKRAFT PRODUCTS, INC., Brooklyn, N. Y. Published June 20, 1938.

51,818.—*Title:* STOPIT SCALP CREAM. For a Scalp Cream. EMMETT M. WALLACE, doing business as Wallace Laboratories, Chicago, Ill. Published January 10, 1938.

PRINTS

REGISTERED SEPTEMBER 13, 1938

17,045.—*Title:* BARTS HUNCH. For Game Apparatus. HARVEY C. BARTHOLOMEW, Los Angeles, Calif. Published July 11, 1938.

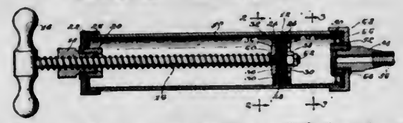
17,046.—*Title:* BERG METHOD OF ENTOMBMENT. For Concrete Tombs. CHRISTY L. BERG, St. Louis, Mo. Published June 1, 1938.

20,852
LUBRICATING APPARATUS

Clyde G. Butler, Cincinnati, Ohio, assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia

Original No. 1,593,791, dated July 27, 1926, Serial No. 619,909, February 19, 1923. Application for reissue May 12, 1938, Serial No. 207,571

2 Claims. (Cl. 285—170)



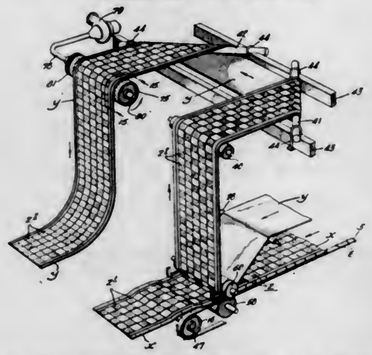
1. A coupler for connecting a lubricant compressor with a nipple for receiving lubricant, said coupler comprising a cylinder, a piston movable within the cylinder, and having an aperture for the discharge of lubricant therethrough and an apertured seat for engagement with the end of the nipple, and means carried by the cylinder for compressively engaging about the nipple for locking said parts together against longitudinal displacement and actuated by said piston whereby the pressure of the lubricant on said piston will move the piston to forcibly compress said means, while lubricant is passing through said connecting parts.

20,853
METHOD OF PRODUCING FELT BASE FLOOR COVERINGS

Neil L. Campbell, Salem, N. J., assignor to Mannington Mills, Incorporated, Salem, N. J., a corporation of New Jersey

Original No. 2,123,646, dated July 12, 1938, Serial No. 204,445, April 26, 1938. Application for reissue July 26, 1938, Serial No. 221,450

15 Claims. (Cl. 41—26)



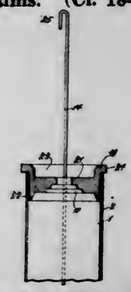
14. The method of producing hard surface floor coverings which consists in printing a design on one face of one prepared base sheet in the form of a viscous coating of predetermined thickness, subsequently transferring a portion of said thickness of said coating in toto onto one face of a second prepared base sheet, whereby said design is duplicated in toto on both base sheets as a result of a single printing of said design on but one of said base sheets, said design on said second sheet being in reversed position with respect to the design on the first mentioned sheet, reversing the position of the second floor covering relative to the first, feeding the two in laterally spaced relation to each other into different laterally spaced drying compartments to set the divided coating portions respectively adhering to the two base sheets, and shifting the relative lateral positions of the two finished floor coverings for feeding the sheets into predetermined drying compartments respectively of a series thereof.

20,854
METHOD FOR MAKING SANCTUARY CANDLES

Danvers O. C. Deckert, University City, Mo.

Original No. 2,103,237, dated December 28, 1937, Serial No. 116,475, December 18, 1936. Application for reissue March 12, 1938, Serial No. 196,756

3 Claims. (Cl. 18—58)



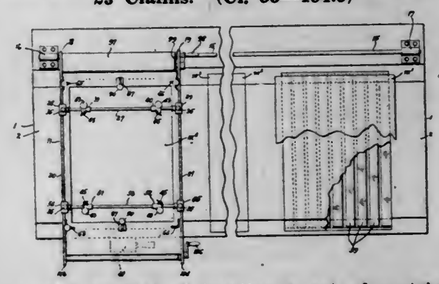
1. The method of making a candle having a permanent casing comprising, flowing molten material into the casing about a central core, allowing said material to harden against the walls of the casing, placing a mold piece within the top of the casing and around the core, and flowing molten material against the top of the hardened material through a central cavity in the mold piece and about the central core to fill such cavity and form a mound on the material body.

20,855
METHOD AND APPARATUS FOR PREPARING STEREOTYPE MATRICES

Harland Fankboner, Chicago, Ill., assignor to The Goss Printing Press Company, Chicago, Ill., a corporation of Illinois

Original No. 2,027,524, dated January 14, 1936, Serial No. 578,914, December 4, 1931. Application for reissue January 14, 1938, Serial No. 185,019. In Great Britain September 25, 1931

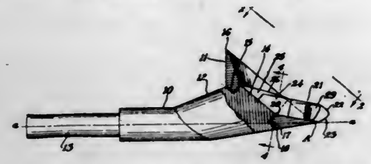
23 Claims. (Cl. 33—184.5)



1. The method of treating a set of matrices for casting multicolor stereotype plates which

comprises applying gauging devices to the series of matrices and selectively applying heat to a matrix or matrices to bring them to the same size preparatory to casting the corresponding color plates therefrom.

20,856
CHIPPING AND CUTTING TOOL
Joyce K. Graham, Canton, Ohio
Original No. 2,009,795, dated July 30, 1935, Serial No. 707,933, January 23, 1934. Application for reissue July 27, 1937, Serial No. 155,947
11 Claims. (Cl. 30—168)



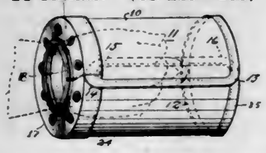
1. A metal cutting or chipping tool adapted for use on a reciprocating hammer including a shank or tool holder member and an annular cutting head mounted thereon at an angle to the longitudinal axis of the shank and having a continuous cutting edge located at an oblique angle to said axis of the shank, said angle at which the cutting head is located being such that the working portion only of the cutting edge is located in the longitudinal axis of the shank.

20,857
FENDER ACCESSORY
Jules Haltenberger, Ann Arbor, Mich.
Original No. 2,048,862, dated July 28, 1936, Serial No. 703,562, December 22, 1933. Application for reissue May 21, 1938, Serial No. 209,388
20 Claims. (Cl. 280—153)



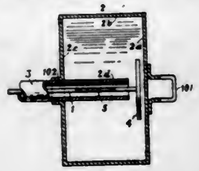
20. An accessory for a wheel fender having a depending outer wall in which there is a downwardly open wheel-exposing opening, comprising a shield for closing said opening, the outer edge portion of the shield adapted to overlap the outer face of the opening defining edge of the fender wall, a flange extending inwardly from the shield for coacting relation with the edge portion of the wheel-exposing opening in the fender wall, and means for securing the shield against relative movement with respect to the fender wall.

20,858
HAND GUARD
Berniece Moller, Piedmont, Calif.
Original No. 1,984,613, dated December 18, 1934, Serial No. 674,270, June 5, 1933. Application for reissue October 20, 1936, Serial No. 106,585
14 Claims. (Cl. 128—133)



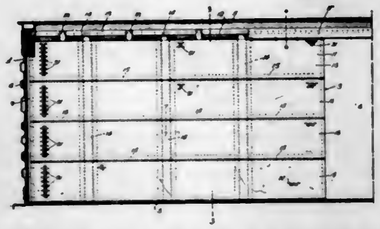
1. A hand guard comprising a cylindrical body composed of a plurality of transversely arcuate sections having overlapping side edges and a yieldable cover for one end of said body formed with a hand opening and being attached to ends of said sections and mounting the sections for limited tilting movement relative to each other.

20,859
ELECTRIC CIRCUIT ARRANGEMENT
Ralph Kimball Potter, Madison, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Original No. 2,030,178, dated February 11, 1936, Serial No. 652,556, January 19, 1933. Application for reissue October 16, 1937, Serial No. 169,520
39 Claims. (Cl. 178—44)



1. In a concentric conductor system in which an inner conductor is surrounded by a cylindrical conductor concentric therewith and acting as a return therefor, an electrical arrangement for association therewith and having the electrical properties of an inductance, said arrangement including a conductive enclosure surrounding at least one of the conductors and concentric therewith, the outer conductor extending into said enclosure a substantial part of its length, said enclosure having a diameter large as compared with the conductor it surrounds and having a length independent of the wave length of the alternating current transmitted, and the interior conductive surface of said enclosure forming a conductive part of the path for the transfer of wave energy from one conductor to the other.

20,860
BOX CAR
William L. Thomas, Haverstraw, N. Y., assignor to The New York Central Railroad Company, a corporation of New York
Original No. 2,030,773, dated February 11, 1936, Serial No. 688,397, September 6, 1933. Application for reissue December 29, 1937, Serial No. 182,368
24 Claims. (Cl. 105—376)



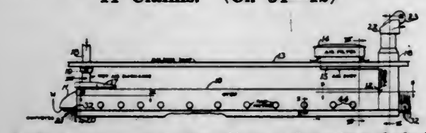
1. In a box type freight car, the combination of a car body having oppositely disposed walls, each wall comprising spaced outer and inner vertical wall sections, said inner wall sections extending substantially from roof to floor, the inner wall sections of the walls being provided throughout the wall sections with correspondingly arranged

vertical and horizontal rows of openings therein, a plurality of supports adapted to be extended between and mounted upon the inner wall sections of said oppositely disposed walls for supporting therefrom horizontally arranged vertical load carrying shelves and vertically arranged load carrying partitions or load displacement preventing abutments at different points in horizontally and vertically spaced relationship to each other on said walls, said supports having engaging elements interchangeably engageable with the openings in the inner wall sections to mount the individual supports at different points in horizontally or vertically spaced relationship to each other on the opposed walls, and reinforcing and bracing means in the spaces between the outer and inner wall sections of the respective walls rigidly uniting the inner and outer wall sections of each wall and sustaining the inner wall sections against distortion or collapse under the strains of the load weights supported by the mounted supports therefrom.

PATENTS

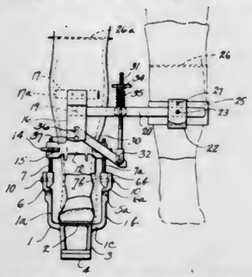
GRANTED SEPTEMBER 13, 1937

2,129,634
OVEN CONSTRUCTION
Edward A. Albright, Berwyn, Ill., assignor to Caspers Tin Plate Company, Chicago, Ill., a corporation of Illinois
Application August 24, 1936, Serial No. 97,633
11 Claims. (Cl. 34—12)



1. In an oven construction, a housing defining a heating chamber having an air inlet and an air outlet at opposite ends thereof whereby air can be circulated longitudinally through the chamber, a plurality of burner heads in said chamber along the bottom thereof disposed longitudinally of the chamber, means for feeding a combustible mixture to the burner heads to be burned thereby, guard plates disposed in spaced relation around each burner head, and fans in said chamber in front of the guard plates and facing transversely of said chamber for circulating air in the chamber over the plates to be heated thereby and to impart a whirling action to the air passing through the chamber.

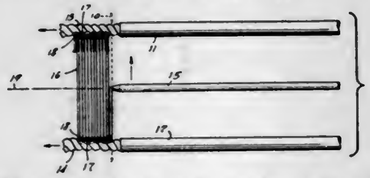
2,129,635
FRACTURE-REDUCING SPLINT
Roger Anderson, Seattle, Wash.
Application March 2, 1935, Serial No. 9,061
8 Claims. (Cl. 128—84)



1. A splint of the character described comprising a frame adapted for fixed attachment to a normal leg of the human body, a traction member adapted for fixed attachment to an injured leg, means interconnecting the frame and traction member for application of a tractive force to the traction member to be sustained as countertraction on the frame, and an ambulatory support extended from said frame and providing for sustaining body weight through the well leg only.

8. A splint of the character described comprising a countertraction frame adapted for fixed attachment to one leg of the human body, a traction member adapted for fixed attachment to the other leg, a traction exerting lever having one end pivotally connected with said frame and means on the other end of the lever having an adjustable connection with the traction member and providing for a rotative adjustment of the leg to which traction is applied about its anatomical axis; said points of connection directly overlying the anatomical axis of the limbs, wherein the traction member is of arcuate form to partially encircle the leg and said attachment means comprises a block that is mounted for slidable adjustment along the arcuate portion and which has pivotal mounting on the lever.

2,129,636
METHOD OF MAKING A RUG FRINGE
Clarence F. Arnold, Drexel Hill, Pa.
Application August 3, 1936, Serial No. 93,963
2 Claims. (Cl. 66—193)



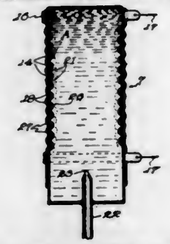
1. The method of making a decorative fringe which consists in arranging a pair of relatively large diameter base cords in spaced relationship, passing a fringe strand having a small diameter as compared to the base cords back and forth between the base cords to form a series of loops having bends of the fringe strand overlying the base cords, stitching and interlocking the said bends of the fringe strand to the base cords by passing connecting threads back and forth through the respective base cords and dividing the loops of the fringe strands along a line intermediate the base cords.

2,129,637
SEAT SLIDE ASSEMBLY
James T. Atwood, Rockford, Ill., and Donald E. Crabb, Detroit, Mich., assignors to The Atwood Vacuum Machine Company, Rockford, Ill., a copartnership composed of Seth B. Atwood and James T. Atwood
Application June 4, 1936, Serial No. 83,574
20 Claims. (Cl. 155—14)



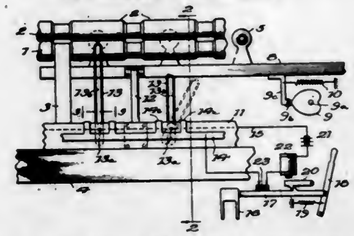
20. In a sliding and locking seat support, in combination with a pair of opposed and relatively slidable channeled longitudinal members having interposed anti-friction means, of flanges projecting outwardly from opposite sides of both members, channeled side pieces fitting over both of said flanges on both sides of said members, said side pieces being movable endwise with one of said channeled longitudinal members and slidable relative to the side flanges of the other of said channeled longitudinal members, means to lock said side pieces against endwise movement from adjusted position relative to the last named channeled longitudinal member, and twistable ties extending from one of said side pieces crosswise between said channeled longitudinal members and engaging in openings provided in the other side piece, said ties being twistable more or less so as to draw said side pieces toward each other accordingly and vary the operating clearance left between said side pieces and the side flanges of the longitudinal member relative to which said side pieces are slidable.

2,129,638
QUICK STARTING VAPOR MOTOR
John S. Baker, Chicago, Ill., assignor to Cook Electric Company, Chicago, Ill., a corporation of Illinois
Application November 10, 1934, Serial No. 752,416
2 Claims. (Cl. 60—25)



1. In a heat motor, a work chamber and a communicating heating chamber forming a closed system, a volatile liquid in said system, the wall of said heating chamber being corrugated, the inner recesses forming pockets in which said volatile liquid may rapidly volatilize in small quantities, and a resistance coil in the outer recesses having a relatively large surface contact with said heating chamber wall.

2,129,639
STOP MOTION FOR ROVING FRAMES
Simpson James Adams and William Archie Smith, Spindale, N. C.
Application September 11, 1937, Serial No. 163,494
11 Claims. (Cl. 118—4)



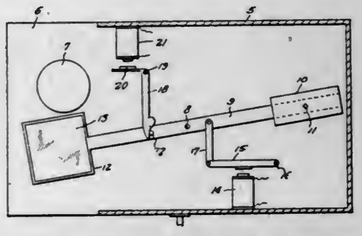
1. In a stop device for a textile machine, a reed for embracing opposite sides of a textile strand, said reed being pivotally supported below its center of gravity and arranged for tilting movement transversely of said strand to either side of its position of unstable equilibrium, said reed having parts for engagement with opposite sides of said strand to prevent substantial tilting in either direction so long as said strand runs at normal tension, and means controlled by said reed when it tilts a predetermined amount in either direction for interrupting the power applied to said machine.

2,129,640
CUFF LINK
Henry E. Augenstein, New York, N. Y.
Application June 12, 1937, Serial No. 147,858
3 Claims. (Cl. 24—104)

3. A cuff link structure, comprising separable heads, rearwardly projecting laterally spaced lugs affixed to the backs of said heads, a hook element having a hollow shank engaged between the lugs of one head with its butt footed against the back of the latter, a stop spring means secured within said hollow shank and having its free end portion disposed to yieldably obstruct the mouth of said hook element and in opposition to the bill of the latter, an eye element having a shank engaged between the lugs of the other head with its butt footed against the back thereof, cross pins extending respectively through said respective shanks and into the lugs adjacent thereto to rigidly secure said respective shanks assembled relative to the respective heads, bearing portions projecting laterally from the outer sides of said lugs, guard clasp loops having spaced journal ends pivotally engaged in said bearing portions, whereby said loops are swingable from positions substantially parallel to said shanks to service positions substantially parallel with and adjacent to the backs of said heads, the side portions of said loops being adapted to yieldably abut the ends of said bearing portions, and said bearing portion ends having receiving seats in which said loop side portions yieldably engage to hold said loops against accidental displacement from said service positions.

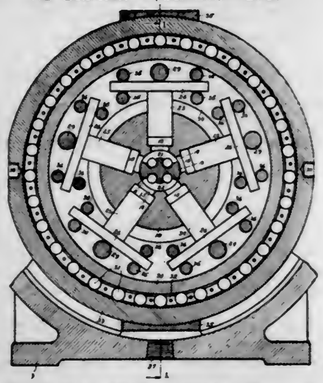


2,129,641
LIGHTING DEVICE
John Baughman and John Venetta, Warren, Ohio
Application September 25, 1935, Serial No. 42,098
1 Claim. (Cl. 240—3.1)



A device of the class described comprising a casing having an open part, a lamp supported by the casing and having its rays passing through said open part, an elongated lever pivoted intermediate its ends in the casing, a screen at one end of the casing which in one position of the lever will extend in front of the lamp, a weight on the opposite end of the lever, means for adjusting the same, a horizontally arranged member pivoted at one end in the casing, a link connecting the other end of the member to the lever between the pivotal point thereof and the weight, an armature carried by the member, a magnet located below the armature for attracting the member to move the lever to a position where the screen will come in front of the lamp, a latch member pivoted in the casing, a projection on the lever in front of the pivotal point engaged by the latch to hold the lever in screening position and magnetic means for moving the latch to releasing position.

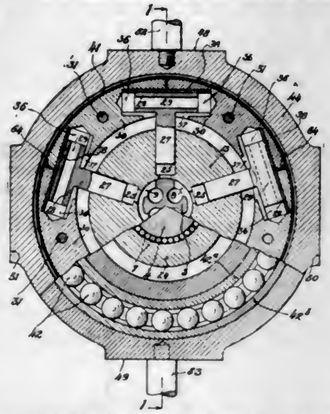
2,129,642
VARIABLE DELIVERY PUMP OR MOTOR
Elek K. Benedek, Bucyrus, Ohio
Application August 3, 1934, Serial No. 738,184
14 Claims. (Cl. 103—161)



1. In a rotary radial piston pump or motor of the character described, including a rotatable barrel, a series of circumferentially spaced radial cylinders therein, a valve pintle coaxial with the barrel and in valving cooperation with the cylinders, and pistons having T-heads and reciprocable in the cylinders respectively, a reactance rotor eccentric to the pintle and surrounding the pistons and having radially extending flanges disposed alongside the T-heads, load rollers respective to the pistons, each roller being anti-frictionally mounted at its ends in the said flanges with its axis parallel to the pintle axis and spanning the space between the flanges, and each roller being in rolling contact intermediate its ends with the outer surface of one of the T-heads normally at the axis of the associated piston for oscillation therealong in both directions from the axis of the piston associated therewith, and inner and outer torque transmitting rollers for each piston correspondingly anti-frictionally mounted in the flanges for rolling contact with the inner and outer surfaces respectively of the associated T-head, one inner roller and one outer roller at each end portion of the T-head, whereby free tangential oscillation of the heads relative to the reactance rotor is permitted during concurrent load and torque transmission thereto by the T-heads.

2,129,643
VARIABLE DELIVERY PUMP
Elek K. Benedek, Bucyrus, Ohio
Application November 4, 1935, Serial No. 48,154
10 Claims. (Cl. 103—161)

1. In a hydraulic pump or motor of the type including a plurality of valved radial piston and cylinder assemblies each comprising a relatively non-reciprocable element and a relatively reciprocable element, the combination with said assemblies, of means for effecting reciprocation of said relatively reciprocable elements comprising cross heads, one connected to and disposed tangentially with respect to each relatively reciprocable element; a plurality of circumferentially arranged thrust blocks surrounding said piston and cylinder assemblies and being formed with openings within the blocks and extending perpendicularly to the piston axes in the plane of rotation of the thrust blocks respectively, each cross head being received and guided in two-directional thrust-transmitting relationship by the openings in two circumferentially end-to-end adjacent thrust blocks; and means mounting said thrust blocks eccentrically with respect to the relatively



non-reciprocable elements of said piston and cylinder assemblies.

2,129,644
BARBER'S APRON
Henry C. Bonsignore, Lake Placid, N. Y.
Application August 21, 1937, Serial No. 160,325
3 Claims. (Cl. 2—50)

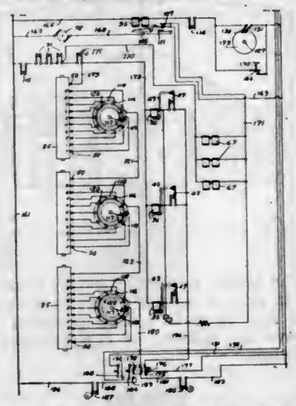


3. An apron of the class described comprising an upper apron portion and a lower apron portion secured along their side edges, said upper apron having its lower edge disposed in overlapping relation with respect to the upper edge of the lower apron, a slit extending inwardly from one edge of the upper apron and terminating in a neck opening adjacent the center of the upper apron, means at the neck opening for securing the apron upon a person with the edges of the slit in overlapping relation at the rear of the person and a bib extending upwardly from the lower apron underlying the upper apron and secured thereto.

2,129,645
PRINTING AND ACCOUNTING MACHINE
James Wares Bryce, Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application December 24, 1931, Serial No. 582,966
4 Claims. (Cl. 235—61.7)

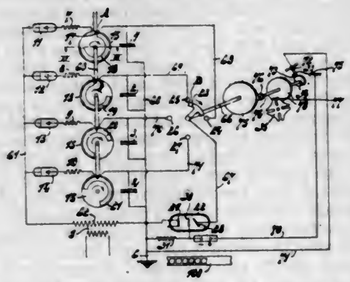
1. In a record card controlled machine, a

counting device, card moving devices, a card analyzing and comparing means cooperating with a set of cards, means under control of said analyzing and comparing means for disabling said moving devices to allow time for operating said counting device when agreeing perforations are sensed



in the cards, means under control of said analyzing and comparing means for operating the counting device to count the number of times agreeing perforations are found in the set of record cards, and means under control of said last mentioned means for making said moving devices effective again after each counting operation.

2,129,646
X-RAY APPARATUS
Albert Bouwers, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands
Application November 22, 1935, Serial No. 51,167
In Germany December 6, 1934
11 Claims. (Cl. 250—34)



1. An apparatus for taking series X-ray exposures, comprising an X-ray tube, a plurality of condensers, means for charging said condensers with overlapping charging times, and means for discharging the condensers directly through said X-ray tube one after the other and with independent and non-overlapping discharge periods.

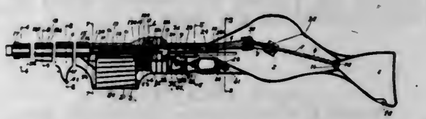
2,129,647
DISPLAY DEVICE
Robert M. Carnes and Roy E. Gearhart, Kansas City, Mo.
Application June 4, 1937, Serial No. 146,470
10 Claims. (Cl. 40—36)

1. A display device comprising a casing having windows therein; a packet of character plates positioned in said casing in register with each of said windows; mechanism operable to move the rear plate of certain of said packets of character plates to the front of the packet; and means



operable by certain of said plates of said certain packet to move the rear plate of another packet of character plates to the front thereof, whereby the character thereon is visible through said window.

2,129,648
RIFLE
Russell M. Catron, San Diego, Calif.
Application March 15, 1935, Serial No. 11,303
6 Claims. (Cl. 42—4)

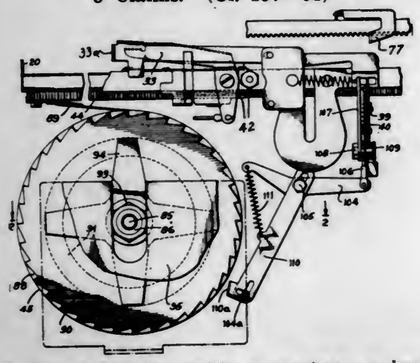


1. In a rifle, a rifle stock, a main casing therein provided with a rotor chamber therein, a crank rotor revolubly mounted in said rotor chamber, a breech bolt associated with said rotor, a rifle barrel extension in which said breech bolt is reciprocally mounted, and a breech bolt lock revolubly mounted relative to said breech bolt and adapted to engage said barrel extension for locking said breech bolt and barrel extension in certain relation to each other.

2,129,649
PRODUCTION OF LIQUID HYDROCARBONS FROM GASEOUS OLEFINES
Thomas Cross, Jr., and Stewart C. Fulton, Elizabeth, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application October 7, 1936, Serial No. 104,439
7 Claims. (Cl. 196—10)

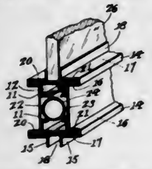
1. A process for the conversion of normally gaseous olefines into higher boiling polymers, which comprises contacting said olefines with a catalyst, the essential catalytic constituents of which are a minor proportion of a oxide of a metal of Group II of the periodic system selected from the group consisting of zinc and cadmium and a minor proportion of a compound of a metal of Group III of the periodic system associated with a major portion of silica gel, under polymerizing conditions adapted to maintain the gel structure.

2,129,650
TYPEWRITING MACHINE
Chester W. Crumrine, Rochester, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Original application September 18, 1935, Serial No. 41,021. Divided and this application November 16, 1935, Serial No. 50,103
8 Claims. (Cl. 197—64)



3. In combination with a carriage, a brake comprising two coacting elements both moved when the carriage moves, tabulating mechanism, means connected with the tabulating mechanism for preventing movement of one of said elements upon an operation of the tabulating mechanism whereby to render the brake effective, and means movable in proportion to movement of the carriage for varying the braking effect of one brake element on the other.

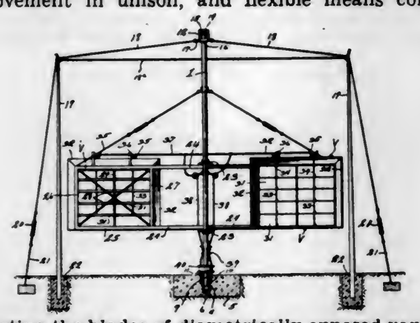
2,129,651
SIGN STRUCTURE
Lyman E. Cunningham, Cleveland, Ohio
Application August 13, 1935, Serial No. 36,026
Renewed December 3, 1936
23 Claims. (Cl. 40—64)



20. A sign structure comprising a plurality of like, relatively interchangeable display units mounted in predetermined spaced relation to each other and each comprising a plurality of similar, relatively changeable and interchangeable display elements, and supporting means therefor, means adjacent a marginal edge of said elements to illuminate the elements, and means for adjusting the spacing of said units.

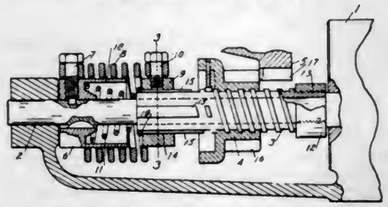
2,129,652
POWER UNIT
George O. Dean, Plainview, Tex.
Application October 27, 1936, Serial No. 107,894
Renewed July 26, 1938
2 Claims. (Cl. 170—24)

1. A power plant comprising a plurality of radially arranged vanes, means supporting said vanes for rotary movement, each of said vanes comprising a plurality of blades, horizontally disposed pivots for each blade at one edge thereof, means secured to the free edges of the blades connecting the blades of each vane together for movement in unison, and flexible means con-



necting the blades of diametrically opposed vanes together in such a manner that movement of the blades of one vane to closed position will positively move the blades of the opposed vane to open position.

2,129,653
ENGINE STARTER
Frank J. De Niro, Erie, Pa.
Application November 28, 1936, Serial No. 113,207
3 Claims. (Cl. 74—7)



1. A drive of the character described, in combination, a driving member, a driven screw shaft, a pinion threadably engaged to said screw shaft movable rotatively therewith and longitudinally therealong and adapted to engage the gear of an engine to be started, a member on said screw shaft for engagement with said pinion to transmit positive rotary movement thereto, a connection between said driving member and said screw shaft to transmit rotary movement therebetween, said screw shaft being movable longitudinally relative to said driving member, yielding means for resisting the longitudinal movement of said screw shaft relative to said driving member, and means cooperating with said yielding means and spaced a predetermined distance from one end of said screw shaft whereby said screw shaft may move a distance on said driving member at least the width of said gear on the engine to be started, said member on said screw shaft being movable longitudinally to a position adjacent said pinion when said pinion becomes locked against rotation to transmit positive rotary movement thereto.

2,129,654
DECORATIVE BAG
Anna Dennis, Hopkins, Minn.
Application October 7, 1937, Serial No. 167,821
1 Claim. (Cl. 150—52)

An article of manufacture comprising a substantially triangularly shaped bag-like cover adapted to be supported vertically from one of the corners thereof for receiving and concealing rubber and like bathroom articles, a frame member

positioned in the top corner of said bag-like cover, said bag-like cover being formed of one piece of material and having a shape retaining substantially waterproof lining substantially permanently joined on the sides and folded back upon itself at the base, the top part of said bag-like cover being collected around said frame member whereby said base forms a downwardly bowed imperforate bottom for the purpose of collecting water dripping from the bathroom article, said bag-like cover having an elongated centrally disposed generally vertical opening in the front thereof extending from a point adjacent to the top thereof to a point near but not down to the bowed bottom whereby



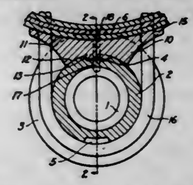
bathroom articles may be inserted therein and removed therefrom without danger of water collected in said bowed bottom spilling out, fastener means for closing said opening, means for holding the portion of said bag-like cover surrounding said frame member decoratively collected into a series of ruffles, means attached to said frame member for supporting the bathroom article inserted into said bag-like cover, and supporting means attached to said bag-like cover at the upper portion of said frame member so that the bag-like cover may be hung with its opening substantially vertical to prevent water collected therein from dripping therefrom.

2,129,655
PENCIL
William P. De Witt, Auburndale, Mass.
Application March 28, 1935, Serial No. 13,455
12 Claims. (Cl. 120—18)



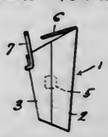
2. A mechanical pencil comprising a barrel, a spirally grooved, tubular member fixed within the barrel, a longitudinally slotted guide tube rotatably mounted within said member, a lead carrier slidingly mounted within the guide tube and having means for engaging the slot in said tube and the groove in said member, and a removable cap engaging the guide tube with a sliding fit for closing the end of the barrel and the guide tube for retaining the lead carrier in said tube and for affording access to the said tube to permit removal of the carrier upon removal of said cap.

2,129,656
AXLE SPRING PAD
Gerald A. Dougherty, Louisville, Ky., assignor to Shuler Axle Company, Inc., Louisville, Ky., a corporation of Delaware
Application February 19, 1936, Serial No. 64,728
8 Claims. (Cl. 267—52)



1. An axle assembly comprising a load bearing wheel axle member having a longitudinal slot formed therein and comprising in combination, a spring, a spring pad member interposed between the spring and the axle assembly and fitted into the slot whereby said member may be adjusted longitudinally of the axle and secured against relative turning movement with said axle, and means fastening the spring, pad member and axle assembly securely together.

2,129,657
NECKTIE ATTACHMENT
Hollis O. Draper, Nashville, Tenn.
Application February 1, 1938, Serial No. 188,177
2 Claims. (Cl. 2—150)

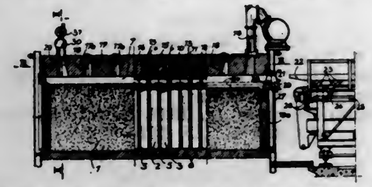


1. A necktie attachment comprising a substantially tapered tube including hingedly connected front and back members adapted to encircle a necktie, a tongue extending angularly from the upper end portion of the front member and engageable with the tie for supporting the tube in position thereon, and fingers projecting from the back member and engageable with the wings of a collar for retaining said wings in position.

2,129,658
COKING RETORT OVEN
Heinrich Drehschmidt, Essen-on-the-Ruhr, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa., a corporation of Delaware
Application August 8, 1935, Serial No. 35,256
In Germany December 12, 1933
10 Claims. (Cl. 202—139)

1. In a coking retort oven, in combination: a series of alternate horizontal coking chambers and heating walls therefor arranged side-by-side in a row, each of said coking chambers being adapted for being charged full of coal save for

a gas space in the crown-space thereof left for collecting gas above the coal charge therein and also being adapted for having a top level for coked charges therein; each of said heating walls having main combustion flues comprising individual hairpin flues extending nearly up to but terminating below the aforesaid top level for coked charges and having separately regulable auxiliary individual hairpin heating flues, individual to the respective main hairpin flues, alongside the aforesaid gas collecting spaces of the

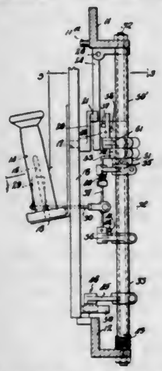


adjoining coking chambers, the main heating flues being provided with means at their upper parts for off-flow therefrom at their upper parts of waste gas so as to by-pass the separately regulable heating flues, and the separately regulable heating flues being communicably connected by regulable ports having regulating means therefor with the main heating flues below the separately regulable heating flues for regulable flow of some of the waste heating gases from the main heating flues to the separately regulable heating flues.

2,129,659
INSECTPROOF PAPER
Newton P. Easling, Pekin, Ill.
No Drawing. Application July 22, 1936, Serial No. 92,018. Renewed January 27, 1938
1 Claim. (Cl. 91—68)

A paper for use in building construction including a felt base saturated with a mixture of asphalt paint, arsenate of lead and nicotine sulphate, said ingredients being substantially in the proportions of 25% arsenate of lead, 73% asphalt paint, 1% nicotine sulphate and 1% inert substances.

2,129,660
WINDING MACHINE
Edward J. Abbott, Wilton, N. H., assignor to Abbott Machine Company, Wilton, N. H., a corporation of New Hampshire
Application November 24, 1934, Serial No. 754,635
12 Claims. (Cl. 242—35.5)



1. A machine for winding strand onto packages having therein means for holding the core of a supply strand mass, means for feeling the said core, and means controlled by said feeling means for doffing the core.

2,129,661
COMPOSITE ABRASIVE SHEET
Albert L. Ball, Lewiston Heights, Lewiston, N. Y., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware
Application January 13, 1936, Serial No. 58,865
4 Claims. (Cl. 51—185)



1. A composite abrasive article comprising a web of relatively loose woven textile fabric having a coating of pulp from suspension deposited on and intermingled with one surface thereof, a filler for said pulp adapted to stiffen said coating, a layer of abrasive granules arranged along the opposite surface of said fabric and affixed thereto by means of an adhesive carried by said fabric.

2,129,662
ESTERS OF METHACRYLIC ACID
Harold J. Barrett and Daniel E. Strain, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 14, 1934, Serial No. 735,274
6 Claims. (Cl. 260—2)

1. A mixture of methacrylic acid esters of the mixture of primary, straight and branch chain alcohols obtained by the catalytic hydrogenation of carbon oxides under elevated temperatures and pressures.

2,129,663
ESTERS OF METHACRYLIC ACID
Harold J. Barrett, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 14, 1934, Serial No. 735,275
6 Claims. (Cl. 260—2)

1. A process for the polymerization of an ester of an aliphatic monohydric secondary alcohol which comprises heating the alkyl methacrylate monomer dissolved in methanol containing benzoyl peroxide and water to a temperature of approximately 65° C. and holding it at that temperature until polymerization is substantially complete.

2,129,664
ESTERS OF METHACRYLIC ACID
Harold J. Barrett and Daniel E. Strain, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 14, 1934, Serial No. 735,276
5 Claims. (Cl. 260—2)

1. The polymeric methacrylic acid ester of an aliphatic monohydric saturated tertiary alcohol prepared by heating the monomeric ester to a temperature of from 60 to 100° C., in the presence of benzoyl peroxide.

2,129,665
ESTERS OF METHACRYLIC ACID
Harold J. Barrett and Daniel E. Strain, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 14, 1934, Serial No. 735,277
8 Claims. (Cl. 260—2)

3. The polymeric methacrylic acid ester of an unsaturated alcohol selected from the group consisting of vinyl alcohol, allyl alcohol, crotonyl alcohol, propargyl alcohol, methyl allyl alcohol, ethyl allyl alcohol, oleyl alcohol and alcohols made by the hydrogenation of China-wood and castor oil acids and esters, prepared by heating the monomeric ester to a temperature of from 60 to 130° C., in the presence of benzoyl peroxide.

2,129,666
ESTERS OF METHACRYLIC ACID
Harold J. Barrett and Daniel E. Strain, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 14, 1934, Serial No. 735,278
6 Claims. (Cl. 260—2)

1. The polymeric methacrylic acid ester of an alcohol selected from the group consisting of an alicyclic alcohol and tetrahydrofurfuryl alcohol, in which there is no branch-chain substitution on the carbon atom adjacent to the carbinol group, prepared by heating the monomeric ester to a temperature of from 60 to 100° C., in the presence of benzoyl peroxide.

2,129,667
ESTERS OF METHACRYLIC ACID
Harold J. Barrett and Daniel E. Strain, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 14, 1934, Serial No. 735,279
15 Claims. (Cl. 260—2)

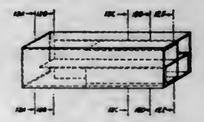
1. Betaphenylethyl methacrylate.

2,129,668
ESTER OF METHACRYLIC ACID
Harold J. Barrett and Daniel E. Strain, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 19, 1935, Serial No. 7,220
6 Claims. (Cl. 260—2)

1. A process for the polymerization of isobutyl methacrylate which comprises heating the monomeric ester dissolved in methanol containing benzoyl peroxide and water to a temperature of approximately 65° C., and holding it at that temperature until polymerization is substantially complete.

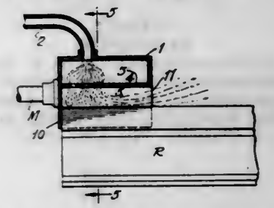
2,129,669
GUIDED WAVE TRANSMISSION
Arnold E. Bowen, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 19, 1937, Serial No. 143,399
26 Claims. (Cl. 178—44)

13. In a system for the transmission of dielectrically guided waves comprising a wave guide and a generator of waves of a definite type connected thereto, means for converting from the incident type of wave to another consisting of a section of wave guide, means for dividing the



section longitudinally over a portion of its length into a plurality of sectors and means for modifying the cross-sections of the alternate sectors to allow different velocities for the wave trains in the two groups of sectors.

2,129,670
MEANS FOR COOLING RAILS
John Brunner, Chicago, Ill.; Cora M. Brunner executrix of will of said John Brunner, deceased
Application May 11, 1935, Serial No. 21,035
8 Claims. (Cl. 266—2)

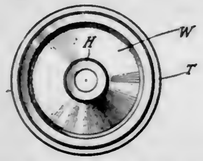


1. A hood adapted for the air cooling of rail ends comprising a substantially rectangular chamber having an open bottom and having side walls adapted to engage with the sides of the head of a rail and an end wall adapted to engage with the end of a rail thereby positioning the chamber upon the end of the rail with the head surface of the rail for an extended distance inwardly from the rail end enclosed within the chamber, means to supply a pressure of air into said chamber, means to substantially uniformly distribute said pressure of air over a desired area of the said enclosed rail head surface, and means to permit the said air to flow freely from the chamber after contacting with the said rail head surface and to divert the same away from the rail surfaces not enclosed by said chamber.

2,129,671
METHOD OF MANUFACTURING WHEELS
John Brunner, Chicago, Ill.; Cora M. Brunner executrix of will of said John Brunner, deceased
Application October 19, 1935, Serial No. 45,811
5 Claims. (Cl. 148—12)

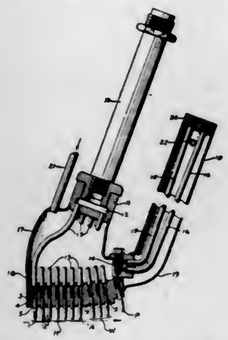
1. The method of forming a wrought steel wheel which comprises mechanically deforming a blank work piece into said wheel at temperatures substantially above the so-called "thermal critical range" of the steel composition comprising said work piece, cooling said wheel at the normal rate in freely moving air through the said critical range down to temperatures appreciably above the martensite forming temperature, reheating the wheel to temperatures just above the said thermal critical range, again cooling at the normal rate in freely moving air through the said critical range, interrupting said cooling before any portion of the said wheel has reached the

martensite forming temperature, equalizing the temperature of the wheel at a temperature within the range 450° C. to 600° C. and holding the said wheel at said temperature for a time interval adapted to produce substantially complete transformation of the austenite into ferrite structures other than martensite, and thereafter cooling the wheel down to approximate atmospheric tempera-



tures at a rate slower than the normal rate in freely moving air which is adapted to maintain a desired temperature differential between the inner and outer portions thereof and between the different sized sections thereof effective to prevent the formation of a deleterious magnitude of internal stresses and strains in the cooled wheel product.

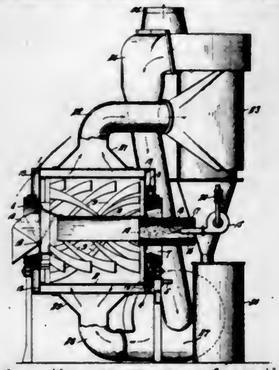
2,129,672
BLOWPIPE
James H. Bucknam, Cranford, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application March 31, 1934, Serial No. 718,474
7 Claims. (Cl. 158—27.4)



4. A blowpipe comprising a nozzle block having a plurality of gas passages therethrough; outlet tips severally secured in the respective passages of said block solely by the frictional inter-engagement of portions of the tips with portions of said passages; and means for delivering gas from a single source of combustible gas to each of said passages individually, said tips and the corresponding passages in said blocks being substantially parallel and close enough together to produce a substantially continuous elongated heating flame.

2,129,673
ROASTING METHOD AND APPARATUS
William G. Burns, New York, N. Y., assignor to Jabez Burns & Sons, Inc., New York, N. Y., a corporation of New York
Application November 25, 1936, Serial No. 112,630
7 Claims. (Cl. 34—5)

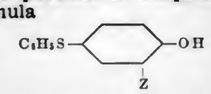
1. Method of roasting coffee, cocoa beans, peanuts, and similar bean-like materials in a roasting chamber, which comprises continuously recirculating a stream of gas through the material in said chamber, continuously introducing heat into said chamber independently of said stream



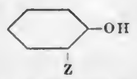
of gas, and venting excess gases from the recirculating stream.

2,129,674
PHENYL SULPHIDES
Walter G. Christiansen, Glen Ridge, N. J., and Eugene Moness, Brooklyn, N. Y., assignors to E. R. Squibb & Sons, New York, N. Y., a corporation of New York
No Drawing. Application August 31, 1933, Serial No. 687,732
4 Claims. (Cl. 260—150)

2. In the preparation of compounds having the general formula



wherein Z represents a member of the group consisting of hydrogen and alkyl, by reacting $C_6H_5SO_2H$ with



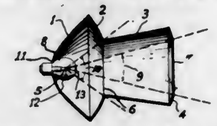
the steps of gasoline extraction and vacuum distillation of the crude product.

2,129,675
SYRINGE
Samuel F. Cole, Washington, D. C.
Application June 12, 1935, Serial No. 26,298
15 Claims. (Cl. 128—218)



3. A device of the character described comprising in combination a graduated syringe barrel, a plunger reciprocally mounted therein, a micrometrical member rotatably mounted upon the syringe barrel and adapted for registration with the graduations thereon, and an adjustable stop for the plunger responsive to the micrometrical member.

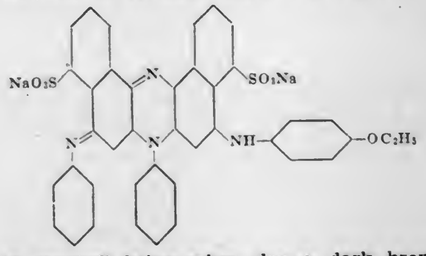
2,129,676
RADIANT ENERGY PROJECTOR
Edward P. Creehan, United States Navy
Application October 6, 1936, Serial No. 104,234
2 Claims. (Cl. 240—41.35)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A device for projecting a concentrated beam of substantially parallel rays of radiant energy of relatively large cross-sectional area comprising in combination at least four reflectors of radiant energy, the first of said reflectors having its reflecting surface opposed to that of the second reflector which is provided with an opening for the radiant energy, and the third of said reflectors extending from the opening in the second reflector and having its reflecting surface opposed to that of the fourth reflector which is also provided with an opening for the radiant energy substantially equal in size to that of said second mentioned reflector, the said openings being slightly less in magnitude than the outer rims of said reflectors, said four reflectors being positioned end to end and formed respectively as segments of four paraboloids having a common axis and a common focal point, the extended arrangement of said reflectors being such as to insure the formation of a relatively small solid angle fixed by the common focal point and the opening in the fourth reflector, to limit the divergence of any unreflected rays which might proceed directly from a source of radiant energy at the common focal point through the solid angle to a minimum and to allow the opening in the fourth reflector to be of appreciable size, and a source of radiant energy substantially coincident with the aforementioned common focal point.

2,129,677
MANUFACTURE OF NEW AZINE DYESTUFFS
Francis Henry Swinden Curd, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application December 4, 1935, Serial No. 52,931. In Great Britain December 11, 1934
1 Claim. (Cl. 260—29)

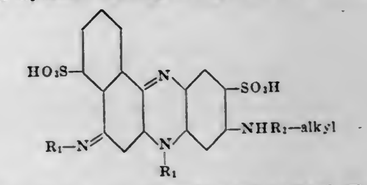
The dyestuff corresponding to the formula



said dyestuff being when dry a dark brown powder, soluble in water with a bluish green colour and in concentrated sulphuric acid with a green colour, and dyeing wool from an acid bath in green shades.

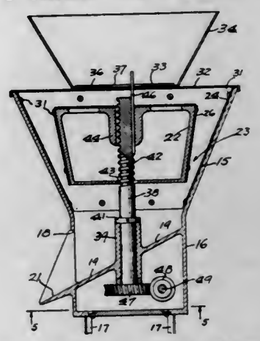
2,129,678
AZINE DYESTUFFS
Francis Henry Swinden Curd, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application April 1, 1936, Serial No. 72,210. In Great Britain April 25, 1935
3 Claims. (Cl. 260—29)

1. A dyestuff having the general formula



wherein R_1 is a monocyclic aryl radical, R_2 is a p-phenylene radical and "alkyl" stands for an alkyl radical containing from 3 to 8 carbon atoms.

2,129,679
NUT SHELLING MACHINE
Paul Dragon, San Francisco, Calif.
Application June 26, 1936, Serial No. 87,332
5 Claims. (Cl. 146—11)

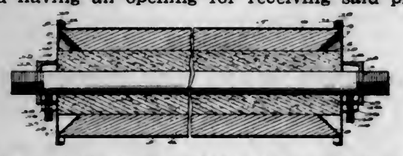


1. In a nut shelling machine of the character described, a hollow casing having downwardly inclined inner shelling periphery, a rotary member within said casing having downwardly inclined outer shelling periphery spaced from the inner periphery of said casing, a hopper connected to said casing, a shaft to support said rotary member in place, means to rotate said shaft, adjustable connection between the shaft and said rotary member, an element to fix said connection in an adjusted position being extended into said hopper to agitate the nuts in said hopper when said member is rotated.

2,129,680
CENTERING DEVICE
Albert A. Durant, Honolulu, Territory of Hawaii
Application February 14, 1936, Serial No. 63,958
7 Claims. (Cl. 25—126)

1. A centering device adapted for use in the manufacture of a conduit comprising a pipe, insulating material surrounding the pipe, a metal jacket encircling said material in spaced relation thereto, and a layer of bituminous material be-

tween the insulating material and jacket, said centering device including a member adapted to abut against the end of said insulating material and having an opening for receiving said pipe,



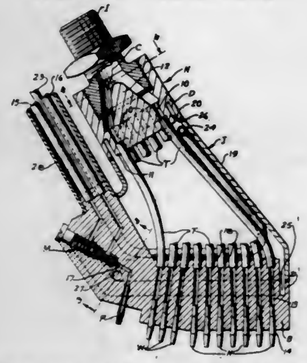
and a conical member whose axis is substantially coincident with the axis of said opening adapted to encircle the insulating material and to center said jacket with respect thereto.

2,129,681

BLOWPIPE NOZZLE

Frank C. Geibig, Westfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Application May 18, 1934, Serial No. 726,216
3 Claims. (Cl. 158—27.4)



2. A blowpipe nozzle comprising a nozzle block having a row of laterally aligned gas passages extending therethrough; a header having a gas distributing chamber therein; said distributing chamber having an inlet thereto and outlets therefrom; tubes of yieldable material connecting said outlets in said distributing chamber to said passages in said nozzle block; a cooling fluid jacket enclosing said tubes; said nozzle block having a gas mixer in its rear end and having channels for cooling fluid on each side of said mixer and extending lengthwise of said block on opposite sides of said row of gas passages; said block having a bore for cooling fluid extending between said channels and beneath said mixer; said block having a pair of bores extending through its rear wall, one on each side of said mixer; a cooling fluid inlet tube extending through one bore of said pair of bores and adapted to discharge cooling fluid into said jacket adjacent to the top wall of said nozzle block; and a cooling fluid outlet tube extending through the other bore of said pair of bores into said jacket and having an inlet opening adjacent to the top of said jacket.

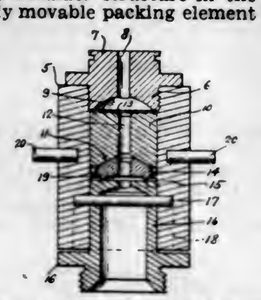
2,129,682

COUPLER FOR LUBRICATORS

Raymond P. Glose, Allentown, Pa.

Application July 7, 1937, Serial No. 152,440
4 Claims. (Cl. 285—161)

1. A coupler of the character described comprising a shell, a pressure responsive follower in the shell, a shoulder structure in the shell, and a universally movable packing element interposed



between the follower and the said shoulder, said packing element being provided with an annular rib on the valved fitting engaging side thereof.

2,129,683

MANUFACTURING COMPOUND ROLLS

Hans Gontermann and Ferdinand Kühn, Siegen, Germany

No Drawing. Application January 14, 1936, Serial No. 59,158. In Germany January 16, 1935
13 Claims. (Cl. 80—58)

1. A compound roll having a martensitic white sleeve structure and a softer core, comprising a core of cast iron alloy, the elements of which produce a casting which has a graphitic structure which contains martensitic mixed crystals in an amount substantially corresponding to that in the sleeve structure.

2,129,684

PROCESS AND APPARATUS FOR REMOVING WATER FROM AQUEOUS ALIPHATIC ACIDS

Jack J. Gordon and Frederick R. Conklin, Kingsport, Tenn., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

No Drawing. Application September 15, 1934, Serial No. 744,251
29 Claims. (Cl. 260—122)

1. The process of concentrating an aqueous aliphatic acid which comprises extracting the aqueous acid with an agent comprising principally an aliphatic ester and an aliphatic alcohol, the ester having from five to six carbon atoms, the aliphatic alcohol containing three to four carbon atoms and recovering acid from the extract.

16. The process of dehydrating an aqueous aliphatic acid which comprises extracting the aqueous acid with an agent comprised principally of an aliphatic ester and an aliphatic alcohol, the ester having from 5 to 6 carbon atoms, the aliphatic alcohol containing 3 to 4 carbon atoms, recovering the extract, adding dilute acetic acid to the extract, and subjecting the resultant mixture to a distillation treatment.

2,129,685

ESTERS OF METHACRYLIC ACID

George D. Graves, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application July 14, 1934, Serial No. 735,281
6 Claims. (Cl. 260—2)

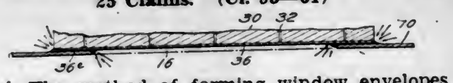
1. The polymeric methacrylic acid ester of a phenol prepared by polymerizing the monomeric ester by heating to a temperature of approximately 65° C. in the presence of benzoyl peroxide.

2,129,686

METHOD FOR FORMING WINDOW ENVELOPES OR THE LIKE

Robert L. Gray, Brooklyn, N. Y.

Application June 14, 1933, Serial No. 675,688
25 Claims. (Cl. 93—61)



4. The method of forming window envelopes from an envelope forming blank including a cutout for providing a window portion and a separately formed patch comprising a substantially transparent sheeting, the steps which comprise overlaying the patch over the cutout, interposing a normally fluid adhesive coating between the patch and the blank, pressing the patch in position and extruding an excess portion of the adhesive at a peripheral portion of the patch adjacent the window envelope, to completely seal said peripheral edge without the formation of loose edges, subjecting said excess adhesive to dehydrating conditions to render said excess adhesive inactive and then completing the envelope forming operations by folding the envelope forming flaps over the body of the envelope to which the patch has been applied.

2,129,687

COLLAPSIBLE TUBE CLOSURE AND METHOD FOR MAKING THE SAME

James Hansen, Flushing, N. Y., assignor of one-half to Gustav Drews, Brooklyn, N. Y.

Application January 19, 1937, Serial No. 121,255
18 Claims. (Cl. 221—60)



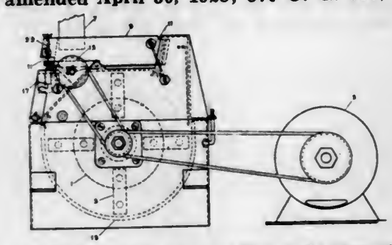
1. In a discharge control valve, the combination with an outlet forming tubular body having the tubular edge of its free end formed into a spiral seat and an internal screw thread formed adjacent said spiral seat, of a cap having a spiral face conforming to said spiral seat, and an external screw thread formed on said cap to engage said first thread.

2,129,688

VIBRATED CONVEYER FEEDER

Andrew T. Hendrix, Knoxville, Tenn.

Application July 20, 1936, Serial No. 91,634
4 Claims. (Cl. 83—44)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In an apparatus for continuously comminuting a charge, the combination which comprises, a hammer mill, a vibrated conveyer feeder for charging the hammer mill, an electric motor for driving the hammer mill and for vibrating the conveyer feeder, and a means for dampening the vibrations of the vibrated conveyer feeder, said means comprising a solenoid having a core, the coil of the solenoid being wired in series with the electric motor and the core of the solenoid connected to the vibrating conveyer feeder to vibrate therewith and to automatically and continuously control the amount of charge to the mill.

2,129,689

UREA MANUFACTURE

Harry C. Hetherington, Charleston, W. Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application December 4, 1936, Serial No. 114,203
14 Claims. (Cl. 260—125)

1. The method of avoiding corrosion of chromium alloy steel by corrosive liquid reactants necessary for and corrosive liquid reaction products resulting from the synthesis of urea from ammonia and carbon dioxide which comprises adding to such liquids a polyvalent metal selected from the group consisting of copper, bismuth, cobalt, iron, vanadium, mercury, and manganese, the polyvalent metal being added in a concentration equal to: at least 0.00015% copper, at least 0.00025% bismuth and cobalt, respectively, at least 0.0003% iron, at least 0.000375% vanadium, at least 0.0024% mercury, and at least 0.001875% manganese.

2,129,690

n-PROPYLMETHACRYLATE

Rowland Hill, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application December 3, 1935, Serial No. 52,665
7 Claims. (Cl. 260—2)

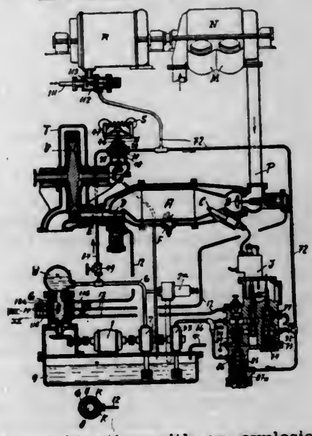
1. n-Propylmethacrylate.

2,129,691

APPARATUS FOR REGULATING THE DURATION OF THE FUEL INJECTION IN EXPLOSION CHAMBERS

Hans Holzwarth, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif., a corporation of Delaware

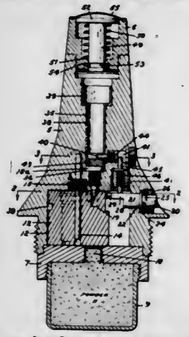
Application May 8, 1933, Serial No. 669,963. Renewed November 24, 1937. In Germany May 9, 1932
11 Claims. (Cl. 60—41)



1. The combination with an explosion chamber having valve means for charging air into

said chamber, of a fuel pump having a pressure oil-operated plunger for charging fuel into said chamber after the admission of air has begun and while the admission of air proceeds, the injection of fuel thus continuing concurrently with the admission of air, apparatus for charging operating oil under pressure to actuate the plunger, means for varying the effective pressure of said pressure oil to vary the rate of injection of the fuel, and timing mechanism for controlling said valve means and said fuel pump and operating to keep the time displacement of the beginnings of air and fuel charging in each cycle substantially constant.

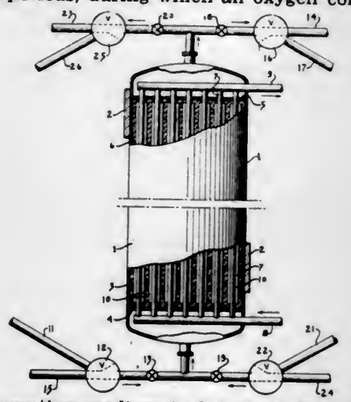
2,129,692
FUSE
Edwin J. Hottinger, Dover, N. J.
Application October 1, 1937, Serial No. 166,771
9 Claims. (Cl. 102—39)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a fuse, a body, a rotor mounted in the body and having a recess, a spring for rotating the rotor, a plurality of powder trains carried by the rotor, a plurality of circumferentially spaced and stepped stops on the rotor and having a definite angular relationship with the recess and the powder trains, a rotatable key in the body having a segmental portion and a finger extending therefrom, said key adapted on rotation to present its finger selectively in the path of the stops, a firing pin in the body and normally extending into the recess of the rotor, a spring normally tending to withdraw the firing pin, a member for holding the firing pin in engagement with the rotor, a pin in the body and engaging said member to hold it in place, a spring normally tending to withdraw the pin, a set-back pin in the body, a spring normally tending to hold the set-back pin in position to oppose withdrawal of the pin, and the segment of the key adapted in one position of setting of the key to oppose withdrawal of the set-back pin.

2,129,693
CATALYSIS
Eugene J. Houdry, Rosemont, Pa., assignor to Houdry Process Corporation, Dover, Del., a corporation of Delaware
Application August 27, 1935, Serial No. 38,027
7 Claims. (Cl. 196—52)

1. In a process for the treatment of fluid reactants comprising hydrocarbons substantially free of other or extraneous reactant fluid with a bed of solid contact or catalytic mass which is alternately on-stream to effect the desired treatment or transformation of reactants and in regeneration to remove combustible deposits or contaminants which accumulate on said mass during the on-stream period, the steps which comprise maintaining in said mass a relatively small amount of a metalliferous material capable of acting as a promoter for regeneration in some readily convertible form and which has an adverse effect on the desired on-stream reaction, maintaining said material during the regeneration periods, during which an oxygen containing

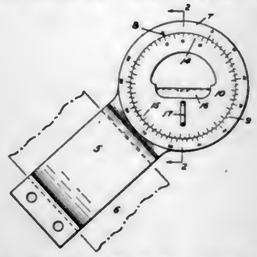


regenerating medium is fed through said mass, in such chemical form that it is capable of promoting the regeneration, and throughout substantially the entire duration of each of the on-stream periods maintaining said material in a different and relatively inactive chemical compound form so as to minimize its catalytic effect on the desired on-stream reaction.

2,129,694
ESTERS OF METHACRYLIC ACID
Emmette F. Izard, Elsmere, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 14, 1934, Serial No. 735,282
6 Claims. (Cl. 260—2)

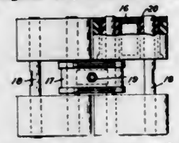
1. The polymeric methacrylic acid ester of an aliphatic polyhydric alcohol containing one unsubstituted hydroxyl group prepared by heating the monomeric ester to a temperature of from 60 to 100° C., in the presence of benzoyl peroxide.

2,129,695
CLINOMETER
James C. Karnes, Buffalo, N. Y.
Application October 6, 1937, Serial No. 167,603
2 Claims. (Cl. 33—214)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A clinometer including an outer ring having an index and a vernier scale with designated divisions from 0 to 98, and an inner member rotatably mounted in the outer ring, said member having over a small portion of its margin a normal scale of designated divisions of angular values readable against the index and having over a large portion of its margin a normal scale with undesignated divisions readable against the vernier scale, a spirit level carried by the inner member, and means for clamping the inner member in position of adjustment.

2,129,696
TRACK FOR TRACK-LAYING VEHICLES
Harry A. Knox, Washington, D. C.
Application June 12, 1935, Serial No. 26,194
2 Claims. (Cl. 305—10)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A track for track-laying vehicles embodying a series of spaced shoes; each shoe consisting of a rigid rectangular frame of spaced sleeves connected at their ends by webs, a block of rubber vulcanized around the frame, and a rubber bushing fixed in each sleeve; a link pin passing through and fixed in each bushing, and a rigid detachable link connecting adjoining pins of adjacent shoes, spaced from the shoes and immovable angularly and longitudinally with respect to the pins.

2,129,697
MOLD AND METHOD OF MAKING THE SAME
Felix Louisot, Hasbrouck Heights, N. J., assignor to William M. Sheffield, New York, N. Y.
Application October 18, 1935, Serial No. 45,582
14 Claims. (Cl. 92—54)

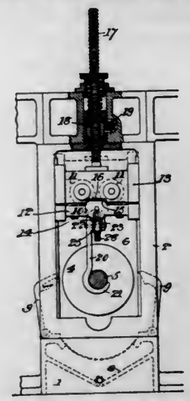


1. A suction mold comprising a continuous strip wound in the form of a spiral, the convolutions of which are regularly spaced apart to provide suction passages, and have a row of spaced holes therein which are alined with each other through the several convolutions of the spiral, and a pin closely fitting said holes and penetrating the several convolutions of the spiral to maintain the spacement of the same.

8. A laminated die adapted to be immersed in a liquid pulp mixture for the suction formation of individual molded pulp articles, comprising a continuous strip wound into the form of a spiral, the turns of which are spaced apart to provide axially extending suction passages which are open substantially continuously from top to bottom of the die and the edge of the strip at one end of the mold or die being contoured to constitute a molding face, and a member extending transversely of the axis of the die and independent of the strip and penetrating the turns of the strip for maintaining the spacement of the turns.

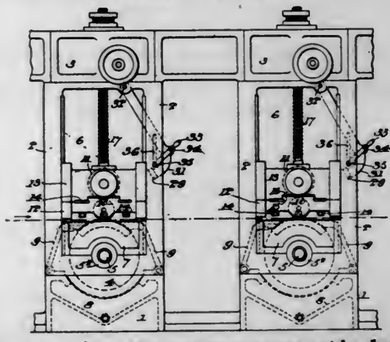
2,129,698
INTAGLIO PRINTING PRESS
Hans J. Luehrs, Westerly, R. I., assignor to C. B. Cottrell & Sons Company, Westerly, R. I., a corporation of Delaware
Application May 27, 1937, Serial No. 145,111
12 Claims. (Cl. 101—1)

1. In an intaglio printing press, side frames, a track rail, means for moving it endwise into and out of the press through a side frame, a



design cylinder, and means whereby it may be moved along the track rail endwise through the side frame.

2,129,699
INTAGLIO PRINTING PRESS
Hans J. Luehrs, Westerly, R. I., assignor to C. B. Cottrell & Sons Company, Westerly, R. I., a corporation of Delaware
Application May 27, 1937, Serial No. 145,112
18 Claims. (Cl. 101—1)

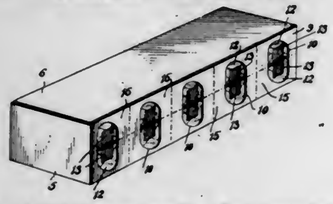


1. In an intaglio printing press, side frames, a track rail comprising separate alined cooperating sections, a design cylinder and means whereby it may be moved along the rail sections endwise through a side frame.

2,129,700
SOLVENT FOR USE IN TREATMENT OF ORES
Merrill W. MacAfee, Los Angeles, Calif.
No Drawing. Refiled for application Serial No. 731,001, June 16, 1934. This application November 26, 1937, Serial No. 176,655
7 Claims. (Cl. 75—105)

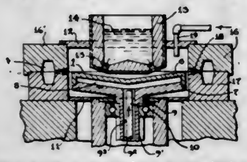
1. As a new product, the reaction product resulting from passing chlorine gas into an aqueous solution of an alkali metal cyanide compound until said solution is substantially orange red in color, said product being characterized by the following properties: Melting point about 95° C.; $HgCl_2$ is not precipitated from solution upon the addition of mercury; forms stable crystals when heated to dryness; and non-decomposable by alkali in the cold.

2,129,701
CIGARETTE PACKAGE
Francis X. Malocsay, Upper Saddle River, N. J.
Application October 16, 1936, Serial No. 105,853
3 Claims. (Cl. 206—44)



1. A closed box or carton for containing several layers of packages of cigarettes or like articles, one of the walls of said carton being formed with a plurality of spaced window openings, each of said openings overlying a portion of an edge of more than one package of cigarettes whereby tax stamps may be affixed to the edge portions of more than one package of cigarettes through each opening, each of said openings being smaller than the size of a cigarette package, the wall in the carton opposite the openings being so related to the packages visible through the openings as to hold said packages against said wall provided with said openings with said opposite wall constituting an abutment for the packages while the tax stamps are being applied thereto, and all of said openings being in substantial alinement so that the stamps may be applied therethrough onto the packages.

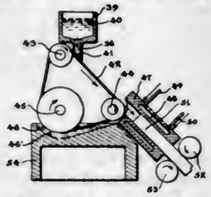
2,129,702
PROCESS FOR MAKING METAL PRODUCTS
Joseph M. Merle, Tarentum, Pa.
Application May 5, 1934, Serial No. 724,186
10 Claims. (Cl. 22—200)



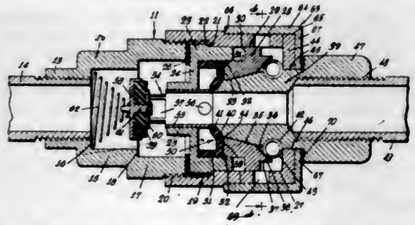
1. A method of producing a metal product from molten metal, which includes the steps of producing a flow of molten metal in the form of a continuous stream, converting such flow into a stream of film-like proportions, substantially abstracting the latent heat of all such metal as it moves in such film-like stream, and then subjecting the metal so cooled to a forming force while it exists at a temperature slightly below the freezing point of such metal.

2,129,703
APPARATUS FOR PRODUCING METAL PRODUCTS
Joseph M. Merle, Tarentum, Pa.
Original application May 5, 1934, Serial No. 724,186. Divided and this application July 25, 1935, Serial No. 33,157
9 Claims. (Cl. 22—1)

8. In combination in a metal forming apparatus, means for delivering molten metal in the form of a consolidated uniform stream, means for converting said flow into a stream of film-like proportions moving at a high velocity and substantially abstracting the latent heat therefrom, comprising a movable, cooled support, means for moving said support at a uniform high velocity and so that each portion of its metal supporting surface defines a plane, while supporting metal from such stream, and means for continuously cooling said support.



2,129,704
COUPLING WITH DISCONNECTER
Edwin C. Meyer, Los Angeles, Calif., assignor to Meyer Coupling Company, Inc.
Application May 17, 1934, Serial No. 726,080
11 Claims. (Cl. 284—19)

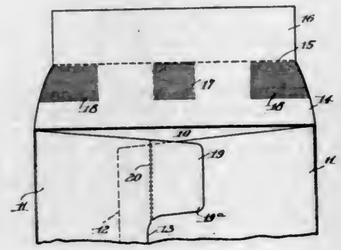


1. A coupling having a chuck with an inner tubular sleeve with a transverse shoulder on the inside of the sleeve and an abutment shoulder on the outside and spaced from the end of the sleeve, an outer sleeve mounted on the inner sleeve and having a complementary shoulder to engage the abutment shoulder, a connecter having a threaded engagement with the outer sleeve, a piston slidable in said two sleeves and having a central opening, a nipple fitted in said opening of the piston, means to retain the nipple and piston in a connected operative position, and a packing cup having a base engaging the piston and the nipple and a side wall engaging the inner sleeve and the annular end of the side wall engaging the inwardly extended shoulder when the piston is forced inwardly in the sleeve.

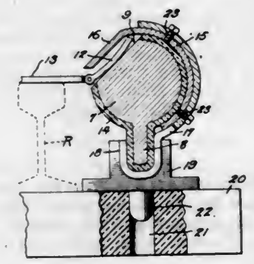
3. In a coupling, a first and second tubular coupling element, means to lock said elements in operative position to form a tubular coupling, a collar rotatably mounted on one of the elements, a means forming part of the mounting to move the collar longitudinally on rotation, means to restrict the rotation of the collar to part of a single turn, and interacting means between the collar and the second element of the coupling to disengage the said coupling elements.

2,129,705
ENVELOPE
Howard H. Reineman, Brighton, N. Y.
Application January 23, 1933, Serial No. 652,968
Renewed August 12, 1937
12 Claims. (Cl. 229—81)

1. A return envelope having a sealing flap the inner face of which is adapted when in sealing position to lie upon the exterior face of one of the walls of the envelope, said wall having a tongue partly exposed and lying partly beneath the flap when the latter is in closing position, said tongue being unattached at one or more of its sides to said wall and rendered detachable by perforations therein adjacent its connection with said wall, one of said faces having spaced adhesive surfaces for use successively through cooperation with the other of said faces to effect sealing, opening and resealing of the flap at successive periods, one of said surfaces being positioned to effect sealing between the flap and the underlying portion of said tongue when the flap is in closing position, the exposed portion of the tongue constituting a part adapted to be grasped by the fingers whereby the tongue may be readily torn off to effect release of the flap.



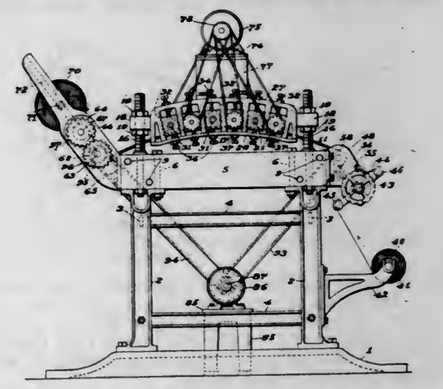
2,129,706
BOX SHELTERED THIRD RAIL AND SHOE
Charles V. Richey, Jamaica, N. Y., assignor to Richey Special Third Rail Corporation, New York, N. Y.
Application September 30, 1936, Serial No. 103,372
5 Claims. (Cl. 191—30)



1. In an electric railway system, a third-rail suitably supported on the track and having a contact face inclined upwardly and outwardly with respect to the track, an arm extending from a car of said system toward said rail adapted to engage a second third rail, a contact finger pivoted to the end of said arm, and means for holding said contact finger in yielding contact with said inclined face.

2,129,707
PROCESS OF NAPPING TEXTILE FABRICS
Leslie A. Runton, Andover, Mass.
Application April 28, 1936, Serial No. 76,774
7 Claims. (Cl. 26—29)

1. The process of napping textile fabrics which comprises subjecting the fabric to the action of a rotated abrasive roll, holding the fabric against the roll during the operation thereof by a backing support against which said roll has bearing through the interposed fabric, and during the operation of the roll drawing the fabric held taut past said roll and backing support by means independent of the operation of said roll whereby displacement of the fabric by said roll during the operation thereof will be checked.



2,129,708
UREA CELLULOSE SOLUTIONS
Richard S. Schreiber, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 1, 1937, Serial No. 151,459
9 Claims. (Cl. 106—40)

1. The process which comprises treating a low substituted urea cellulose with aqueous caustic alkali in the presence of a zincate.

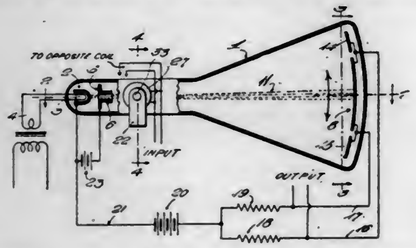
2,129,709
PRODUCTION OF NEW HIGH MOLECULAR SULPHUR-CONTAINING CONDENSATION PRODUCTS
Hermann Schuette, Mannheim, and Conrad Schoeller and Max Wittwer, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application November 2, 1934, Serial No. 751,182. In Germany November 10, 1933
4 Claims. (Cl. 260—151)

1. A process for the preparation of high molecular thioethers which comprises mixing an aliphatic mercaptan having more than 8 carbon atoms in the molecule and containing at least one mercapto group with a 1,2-propylene oxide containing in the methyl residue a reactive group which does not react with the mercaptan.

2,129,710
AMPLIFYING RELAY SYSTEM
Walter Soller, Tucson, Ariz., assignor of one-half to William H. Woodin, Jr., Tucson, Ariz.
Original application September 25, 1933, Serial No. 690,907. Divided and this application July 24, 1934, Serial No. 736,750
7 Claims. (Cl. 179—171)

7. An amplification system comprising an electron tube device having a cathode, a formative anode, and an electrostatically balanced plate anode assembly including separate pluralities of

electrically connected plate elements interposed adjacent each other in the same plane, an output circuit connected with the separate pluralities of plate elements, said cathode and said formative anode adapted to produce a beam of electrons of substantially rectangular cross-section



directed towards said plate assembly, and means for deflecting said electron beam, said plate elements being so arranged with respect to the cross-section of said electron beam that current flows in said output circuit in accordance with the deflection of said beam.

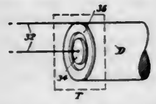
2,129,711

GUIDED TRANSMISSION OF ULTRA HIGH FREQUENCY WAVES

George Clark Southworth, Ridgewood, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York

Application March 16, 1933, Serial No. 661,154

70 Claims. (Cl. 178—44)



1. The method of transmitting electromagnetic effects which comprises applying electromagnetic waves to a dielectric guide and propagating these waves along said guide with the energy flow largely in the one direction of propagation and deriving the power available within the guide at some other point along the guide, the propagation being characterized by a critical existence relation between the frequency of said waves, a transverse dimension of said guide and the index of refraction of the dielectric medium comprising said guide.

2,129,712

TRANSMISSION OF ENERGY EFFECTS BY GUIDED ELECTRIC WAVES IN A DIELECTRIC MEDIUM

George C. Southworth, Ridgewood, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York

Application December 9, 1933, Serial No. 701,711

73 Claims. (Cl. 178—44)



1. In combination, a wave guide comprising a metallic pipe, means for establishing within said pipe progressive electromagnetic waves of a character such that they subsist substantially only at frequencies above a critical frequency related to the physical constants of said guide, and means for utilizing said waves so established.

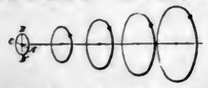
2,129,713

HIGH FREQUENCY OSCILLATION SYSTEM AND METHOD

George C. Southworth, Ridgewood, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York

Application October 9, 1934, Serial No. 747,605

29 Claims. (Cl. 178—44)



1. In combination, a wave guide consisting essentially of a metallic pipe and means for generating within said pipe for propagation therethrough an electromagnetic wave having a certain characteristic electric field pattern and a frequency higher than a cut-off frequency dependent on a transverse dimension of said pipe, said generating means comprising means within said pipe for producing free electrons and means for impelling said electrons to oscillate with a substantial component of motion along lines corresponding to the lines of force of said electric field.

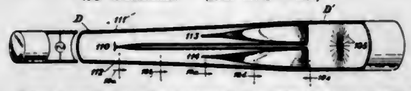
2,129,714

WAVE TYPE CONVERTER FOR USE WITH DIELECTRIC GUIDES

George C. Southworth, Red Bank, N. J., assignor to American Telephone & Telegraph Company, a corporation of New York

Application October 5, 1935, Serial No. 43,795

28 Claims. (Cl. 178—44)



1. The method of generating waves of a certain type for propagation in a dielectric guide system which consists in generating and transmitting waves of another dielectrically guided type, receiving them as lines of force on a conductor system, guiding these lines on such conductor system so as to reshape them to the desired type, and detaching them from said conductor system to be propagated within the guide.

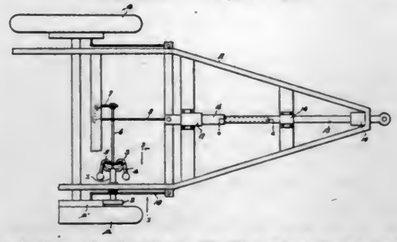
2,129,715

AUTOMATIC TRAILER BRAKE CONTROL

Walter David Stong, Flint, Mich.

Application September 21, 1937, Serial No. 164,931

5 Claims. (Cl. 188—112)



1. Automatic brake control means for a trailer comprising a tongue slidably supported in the front part of the trailer and adapted to be connected to a towing vehicle, means for applying the brakes when the trailer moves forwardly relative to the tongue, latch means for latching the tongue to the trailer, governor means actuated by a movable part of the trailer for releasing the latch means.

2,129,716

MANUFACTURE OF WROUGHT IRON

Edward B. Story, Dormont, and Evard P. Best, Edgeworth, Pa., assignors to A. M. Byers Company, Pittsburgh, Pa., a corporation of Pennsylvania

No Drawing. Application March 30, 1937, Serial No. 133,808

4 Claims. (Cl. 75—47)

1. In the manufacture of wrought iron by the Aston process, the steps comprising admixing molten ferrous material with a quantity of molten slag more than sufficient to form with the ferrous material a wrought iron sponge ball and thereby forming a wrought iron sponge ball with an excess of molten slag, separating the ball and excess slag, simultaneously with the separation of the ball and excess slag incorporating with the excess slag a quantity of relatively cold solidified slag, and utilizing the mass of slag thus produced as at least a part of a quantity of molten slag for admixture with ferrous material to form another wrought iron sponge ball and admixing molten ferrous material with said second mentioned quantity of molten slag to form said second mentioned wrought iron sponge ball.

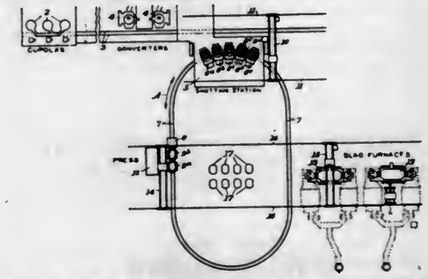
2,129,717

MANUFACTURE OF WROUGHT IRON

Edward B. Story, Dormont, and Evard P. Best, Edgeworth, Pa., assignors to A. M. Byers Company, Pittsburgh, Pa., a corporation of Pennsylvania

Application March 30, 1937, Serial No. 133,809

9 Claims. (Cl. 75—47)



1. In the manufacture of wrought iron by the Aston process wherein molten ferrous material is introduced into receptacles containing molten slag at a processing station to form wrought iron sponge balls, the steps comprising alternately moving slag containing receptacles to the processing station along different paths and so that at least one thereof is disposed at the processing station at all times, introducing ferrous material into said receptacles at the processing station, removing said receptacles from the processing station after introduction of the ferrous material thereinto and removing the balls therefrom.

2,129,718

MANUFACTURE OF WROUGHT IRON

Edward B. Story, Bethel Township, and Evard P. Best, Edgeworth, Pa., assignors to A. M. Byers Company, Pittsburgh, Pa., a corporation of Pennsylvania

No Drawing. Application January 19, 1938, Serial No. 185,704

7 Claims. (Cl. 75—47)

1. In the manufacture of wrought iron by the Aston process, the steps comprising admixing in a receptacle molten ferrous material with a quantity of molten slag more than sufficient to form with the ferrous material a wrought iron sponge ball and thereby forming a wrought iron sponge ball with an excess of molten slag, thereafter introducing into the receptacle such an amount of relatively cold solidified slag that such relatively cold solidified slag does not all reach molten state during its passage downwardly through the molten slag in the receptacle, thereafter separating the ball and the slag in the receptacle not incorporated in the ball and during such separation agitating such slag to promote melting of such of said relatively cold solidified slag as had not theretofore reached molten state, and thereafter utilizing such slag not incorporated in the ball as at least a part of a quantity of molten slag for admixture with ferrous material to form another wrought iron sponge ball and admixing molten ferrous material with said second mentioned quantity of molten slag to form said second mentioned wrought iron sponge ball.

2,129,719

BLEACHING METHOD

George P. Vincent, New York, N. Y., assignor to The Mathieson Alkali Works, Inc., New York, N. Y., a corporation of Virginia

No Drawing. Application September 13, 1937, Serial No. 163,695

8 Claims. (Cl. 8—2)

1. The method of bleaching cellulosic materials without substantial degradation of the fiber which comprises suspending the cellulosic material to be bleached in an aqueous alkaline solution having distributed therethrough an inorganic alkaline material of substantial solubility of the class consisting of the alkali metal and alkaline earth metal oxides, hydroxides, and carbonates, introducing chlorine dioxide into said aqueous solution, and removing the bleached cellulosic material from the solution.

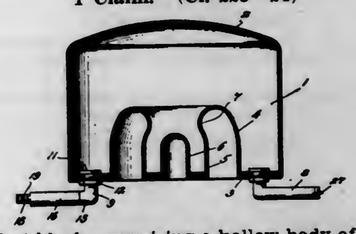
2,129,720

INFLATED HAT BLOCK

George F. Wilhelm, St. Charles, Mo.

Application March 10, 1937, Serial No. 130,153

1 Claim. (Cl. 223—24)



A hat block comprising a hollow body of elastic material having a bottom and side walls and a top, a portion of the bottom being extended upwardly into the body to provide an annular inner wall and a core suspended therefrom and located centrally of the bottom and formed with a support-receiving socket projecting upwardly from its bottom and extending axially of the core and body, and means for admitting air into the body and confining the air therein.

2,129,721

PALLADIUM-SILVER-PLATINUM ALLOYS

Edmund M. Wise, Westfield, N. J., assignor to The International Nickel Company, Inc., New York, N. Y., a corporation of Delaware

Application December 15, 1934, Serial No. 757,623

5 Claims. (Cl. 75—172)

1. An alloy, substantially resistant to nitric acid, consisting of 15% to 82% palladium, 5%

to 54% platinum, the palladium content always being at least 60% of the platinum content, and the balance consisting of silver, the said silver content being not less than 13% nor more than 60%.

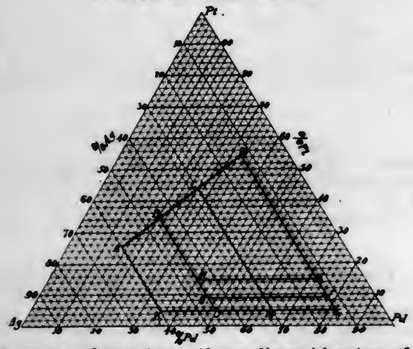
2,129,722

ESTERS OF METHACRYLIC ACID

John C. Woodhouse, Cragmere, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application July 14, 1934, Serial No. 735,280

8 Claims. (Cl. 260—2)



1. The polymeric methacrylic acid ester of an aliphatic polyhydric alcohol of the group consisting of glycerol, diethylene glycol, alphachlor-betahydroxypropyl alcohol, decamethylene glycol, ethylene glycol, trimethylene glycol, tetramethylene glycol, pentamethylene glycol, 1, 2-propylene glycol, butylene glycol, alpha methyl glycerine, penta erythritol, and sorbitol prepared by heating the monomeric ester to a temperature of from 60 to 100° C., in the presence of benzoyl peroxide.

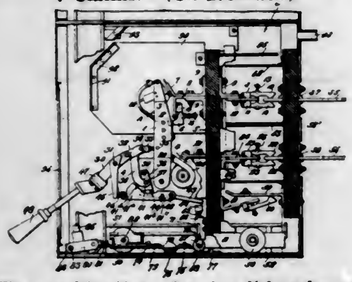
2,129,723

CIRCUIT BREAKER

Joseph D. Wood, Bethlehem, Pa., assignor to Roller-Smith Company, a corporation of New York

Application September 29, 1936, Serial No. 103,685

7 Claims. (Cl. 175—298)



1. The combination of a circuit breaker, a fixed support, a frame carrying said circuit breaker and movable towards and from said support, separable contacts carried by said support and said frame to connect said circuit breaker to an external line, and means located permanently at a fixed distance from the contacts carried by said fixed support and active upon movement of said frame away from said fixed support for tripping said circuit breaker before said frame has moved sufficiently to open said separable contacts.

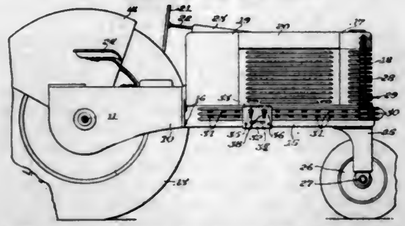
2,129,724

TRACTOR CONSTRUCTION

Russel D. Acton, Chicago, Ill., assignor to International Harvester Company, a corporation of New Jersey

Application February 26, 1937, Serial No. 127,847

7 Claims. (Cl. 97—232)



1. In combination, a tractor main frame adapted to carry directly attached implements along the sides thereof, said frame being formed with a plurality of vertically spaced substantially parallel longitudinally extending bracket engaging portions, said frame being further formed with a plurality of longitudinally spaced slots located between said portions, an implement supporting bracket provided with extensions formed to engage said portions to hold the bracket against turning and against vertical displacement with respect to the frame, a securing element removable with the bracket, said element being provided with a portion insertable through one of the slots from the outside thereof, said portion being engageable with a portion of the interior of the frame to hold the element against withdrawal after being brought into engaging position, and means to adjust the element to rigidly secure the bracket to the frame.

2,129,725

SOCKET FOR VACUUM TUBES, ETC.

Milton Alden, Brockton, Mass.

Application November 28, 1934, Serial No. 755,126

12 Claims. (Cl. 173—328)



1. In a socket, an insulating body formed of two parts one of which is provided with an interior chamber and having prong passages passing through the face of one part only and leading into the chamber, two fork-like flat contact plates having spaced apart fingers the tips of which are loosely positioned alongside of one of the passages, whereby said plates may move as a whole to adjust themselves to prongs not in perfect alignment therewith, the two plates being adapted to separate when a prong is inserted and to make direct metallic contact therewith, said contact having a portion adapted for external connection thereto projecting through the other part of the body.

2,129,726

RECTIFIER CIRCUITS

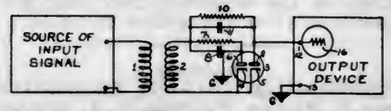
Alfred W. Barber, Flushing, N. Y.

Application January 30, 1936, Serial No. 61,457

13 Claims. (Cl. 250—27)

1. In a carrier wave receiver, a rectifying circuit including a common input impedance, a

thermionic vacuum tube comprising at least one cathode connected to one end of said input impedance and two anodes, each of said anodes being connected to the other end of said input impedance thru independent load circuits, a connection between one of said anodes and a point



of reference potential and a connection between the other of said anodes and an output device, wherein said load circuits are resistances shunted by condensers, the time constant of one of said load circuits being substantially greater than the time constant of the other of said load circuits.

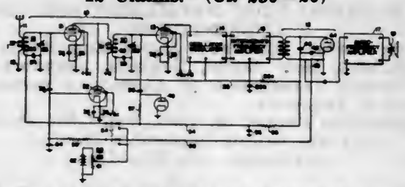
2,129,727

COUPLING SYSTEM

Alfred W. Barber, Flushing, N. Y., assignor to Hazeltine Corporation, a corporation of Delaware

Application January 21, 1937, Serial No. 121,422

12 Claims. (Cl. 250—20)



1. In a signal-translating system, a coupling system comprising an input circuit, an output circuit, at least two parallel bias-controlled signal-repeating paths coupling said circuits, one of said paths having a bias-transmission efficiency characteristic substantially steeper than that of the other path and substantially non-linear for biases in excess of a predetermined value, the other of said paths having a bias-transmission efficiency characteristic varying gradually over its entire range and substantially linear for all operating conditions, and means for biasing said paths to vary their signal-transmission efficiencies, the bias applied to said one of said paths extending over a range including said predetermined value.

2,129,728

TRAILER HITCH

Carl Berg, Arriba, Colo., assignor of one-half to Roy C. Liber, Denver, Colo.

Application April 1, 1938, Serial No. 199,418

6 Claims. (Cl. 188—142)



1. A trailer hitch for use with a tractor, and a trailer having supporting wheels provided with brakes, comprising in combination, a tongue formed from two bars having their rear ends connected with the trailer, means for holding the front ends of the bars in spaced parallel relation, a tractor member, comprising two parallel bars. one positioned above and the other below the tongue spacers, the rear ends of the traction bars being connected, said connection in combination with the tongue spacer forming a stop, spacer means positioned between the traction bars, to the front of the tongue spacers, means for attaching the front ends of the tractor bars to a tractor, the tongue and the tractor member having a limited amount of lost motion, permitting relative longitudinal movement, and means for applying the brakes to the trailer when the tractor member is subjected to compressive strains.

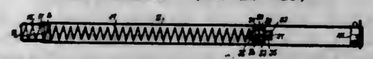
2,129,729

TUBULAR MAGAZINE REPEATING FIREARM

Charles E. Blizard, New Haven, Conn., assignor to Winchester Repeating Arms Company, New Haven, Conn., a corporation of Maryland

Application April 11, 1935, Serial No. 15,752

11 Claims. (Cl. 42—49)



1. In a capacity-adjusting device for tubular-magazine repeating firearms, the combination with an expansible member adapted to fit within and grip the interior surface of a tubular magazine; of expanding means movable relative to the said expansible member and constructed and arranged to expand the same into gripping engagement with the interior surface of a tubular magazine when moved relative to the said expansible member; and locking-means engageable with the magazine and serving to hold the said expansible-member with respect thereto when the said expanding means is moved relative to the said expansible-member.

2,129,730

SPACE DISCHARGE DEVICE

Leon Ladislas de Kramolin, Berlin-Wilmersdorf, Germany

Application June 5, 1935, Serial No. 25,053

In Germany April 7, 1932

18 Claims. (Cl. 250—27.5)



3. In combination with a space discharge system, a first cathode; means for heating the same; a second cathode; an electrode operatively associated with said first cathode; a further electrode operatively associated with said second cathode; said electrodes forming a reflector with said cathodes disposed at the foci of said reflector, whereby said second cathode is heated by radiation from said first cathode.

2,129,731

ARTICLE AND METHOD OF MAKING SAME

Samuel B. Devlin, New York, and John Hulsmann, Rocky Point, N. Y.

No Drawing. Application December 1, 1934, Serial No. 755,588

16 Claims. (Cl. 18—48.3)

1. A sound record which comprises a base material and a coating for the base material, said coating having a sound track therein and comprising a substance selected from the group consisting of cellulose esters and cellulose ethers together with triphenyl phosphate and a substance selected from the group consisting of furfural and furfural derivatives having an aldehyde group.

8. A method of making a sound record which

comprises applying to a fibrous base material carrying a size a coating composition dissolved in a solvent for the size and containing a first substance adapted to react with said size to produce a resinous material and a second substance adapted to react with said first substance to produce a resinous material, and subjecting the base material as coated with said composition to heat and pressure while said composition is subjected to a matrix for making a sound track, thereby causing said first and second substances to react in situ and causing said first substance to react with said size.

2,129,732

PRODUCTION OF LIQUID HYDROCARBONS FROM GASEOUS OLEFINES

Stewart C. Fulton and Thomas Cross, Jr., Elizabeth, N. J., assignors to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application October 7, 1936, Serial No. 104,438

7 Claims. (Cl. 196—10)

1. A process for the conversion of normally gaseous olefines to higher boiling polymers, which comprises contacting said olefines at a temperature between about 200° and 400° C. with a catalyst, the initial catalytic constituents of which are zirconia and zinc oxide on silica gel.

2,129,733

PRODUCTION OF LIQUID HYDROCARBONS FROM GASEOUS OLEFINES

Stewart C. Fulton and Thomas Cross, Jr., Elizabeth, N. J., assignors to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application October 7, 1936, Serial No. 104,440

11 Claims. (Cl. 196—10)

1. A process for the conversion of normally gaseous olefines into higher boiling polymers which comprises contacting said olefines at a polymerizing temperature with a catalyst composed of a compound of a heavy metal of Group III of the Periodic System associated with silica gel.

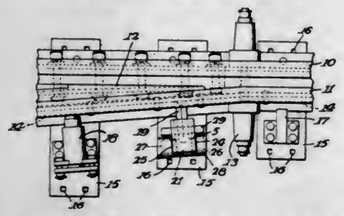
2,129,734

HOLD-DOWN FOR SPRING RAIL FROGS

John C. Gerlach, Tomah, Wis.

Application February 25, 1937, Serial No. 127,587

1 Claim. (Cl. 246—276)



In a hold-down device for spring rail frogs comprising in combination, a tie plate having its central portion offset upwardly forming upwardly projecting parallel bends extending at an angle to an end edge of the plate, said plate being provided with two parallel slots between said bends extending at an acute angle to a side edge of said plate, a U-shaped metal loop having its ends reduced in width and projecting through said slots and having its projecting ends bent outwardly in opposite directions in engagement with the lower surface of said offset portion and extending at substantially right angles to said bends and welded thereto by weld metal in pockets formed between the edges of the projecting ends and the adjacent bends of the plate, said slots being of a length and width but slightly greater than the width and thickness of the ends of said metal loop, and a bearing and stop bar rigidly secured to the upper surface of said plate inwardly of the innermost bend and parallel therewith, said loop extending over said bar.

2,129,735

HYDROFORMED SOLVENT COMPOSITION

Robert T. Haslam, Westfield, N. J., assignor to Standard-I. G. Company, a corporation of Delaware

No Drawing. Application August 28, 1936, Serial No. 98,341

21 Claims. (Cl. 134—79)

14. As a lacquer, a composition comprising a solution of a soluble cellulose derivative in an organic vehicle, comprising a volatile hydrocarbon liquid, prepared by destructive hydrogenation of a petroleum oil in vapor phase at a temperature above about 900° F. and a pressure in excess of 20 atmospheres.

2,129,736

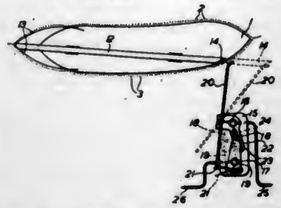
ELECTRICAL STOP MECHANISM FOR CIRCULAR LOOMS

Frank Corbyn Hale and James Russell Yorke, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware

Application August 28, 1936, Serial No. 98,274

In Great Britain September 30, 1935

4 Claims. (Cl. 139—13)



1. In a circular loom having shuttles provided with means to detect yarn breakage or other yarn failures and an electrically-operated stop mechanism, a switch comprising a member adapted to be engaged by the detecting means, a pair of pivoted members each including a contact point connected in the stop mechanism circuit, one member having an extension adapted to be engaged by the detecting means, and toggle means connecting the members and adapted to hold the points either open or closed.

2,129,737

MANUFACTURE OF ARTIFICIAL MATERIALS

Thomas Harvey Hilliard, Drummondville, Quebec, Canada, assignor to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application January 24, 1935, Serial No. 3,294

2 Claims. (Cl. 106—40)

1. Method of obtaining spinning solutions for the production of filaments, threads and the like from waste filaments, threads and like materials of a water-insoluble organic derivative of cellulose, which comprises removing impurities from said materials by treating the same at a temperature of from 70° to 85° C. with a soap solution containing 5 to 10 grams of soap per liter and also an alkali carbonate in an amount equivalent to 0.5 to 1 gram of sodium carbonate per liter, washing the same in water at below 70° C., drying the purified organic derivative of cellulose obtained, and dissolving the same in a volatile solvent.

2,129,738

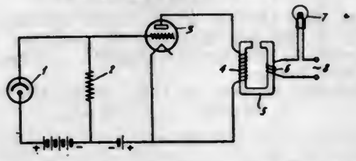
PICTURE TRANSMISSION SYSTEM

August Karolus, Leipzig, Germany, assignor to Radio Corporation of America, a corporation of Delaware

Application January 5, 1935, Serial No. 520

In Germany January 10, 1934

2 Claims. (Cl. 178—6)



1. A modulation system comprising a filamentary light source, a source of variable intensity signals, amplifier means for said variable signals, a source of low frequency alternating current, a transformer of the iron core type, said iron core comprising an open yoke member with a variable air gap in the yoke, inductive means wound about an arm of said iron core and joined to the output of the aforementioned amplifier means, inductive means wound about an arm of the aforementioned iron core and joined to the source of alternating current, and inductive means wound about an arm of the transformer core and joined directly to the filament of said filamentary light source.

2,129,739

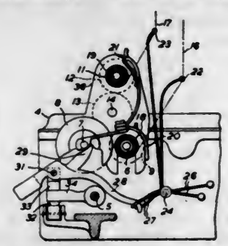
YARN WINDING MACHINE

William Harry Kimpton and Stephen Miller Fulton, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware

Application May 5, 1936, Serial No. 77,904

In Great Britain May 15, 1935

2 Claims. (Cl. 242—29)



1. A yarn winding machine for the production of pirns or like packages, comprising a gear box, a winding spindle driven from the gear box, a bearing bracket secured to the gear box, a further winding spindle rotatably mounted in said bearing bracket, means forming a geared connection between the two spindles, a traverse rod driven from the gear box, means on the traverse rod for guiding yarn to each of said spindles, a stop mechanism adapted to bring said winding spindles to rest, a pivoted finger adapted on rotation to operate the stop mechanism, and a pivoted trip wire in association with each of the yarns, each wire engaging the corresponding yarn at one side of the pivot and the pivoted finger at the other side of said pivot and being adapted to rotate the finger on failure of the yarn in association with the wire and thus to operate the stop mechanism.

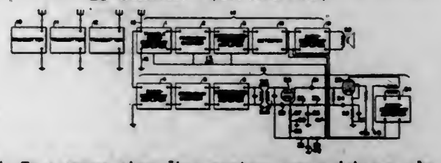
2,129,740

WAVE SIGNALING SYSTEM

Harold M. Lewis, Douglaston, N. Y., assignor to Hazeltine Corporation, a corporation of Delaware

Application September 16, 1936, Serial No. 101,021

15 Claims. (Cl. 250—20)



1. In a wave-signaling system comprising a plurality of transmitters for transmitting different signals and a receiving system including at least one receiver tunable over a range of frequencies to select and reproduce any desired one of said signals and including a first signal-translating portion normally conditioned to translate said desired signal and a second signal-translating portion normally biased to an inoperative condition, the method of operation which includes interrupting the translation of said selected signal by said first portion upon reception of a predetermined signal, conditioning said second portion of said receiving system to translate said predetermined signal only during reception thereof, and reconditioning said first portion of said receiving system to translate said selected signal upon the cessation of reception of said predetermined signal.

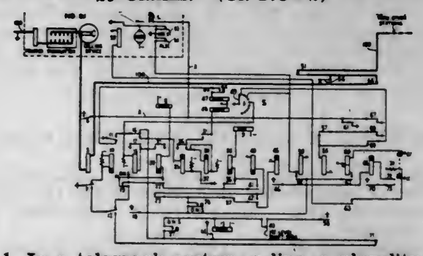
2,129,741

TELEGRAPH SWITCHING SYSTEM

Oscar C. Levy, Baltimore, Md., assignor to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware

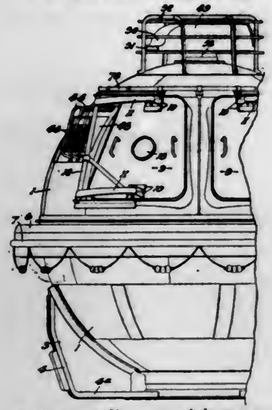
Application August 9, 1935, Serial No. 35,425

29 Claims. (Cl. 178—2)



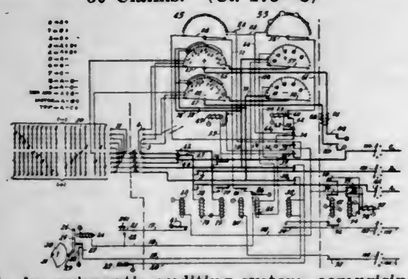
1. In a telegraph system, a line, a plurality of stations connected to said line, a selecting switch at each station, means at each station for transmitting impulses over said line, means in each switch responsive to said impulses for operating the switch to a particular position, a cut-through relay in each switch, each cut-through relay being connected to a different position of its associated switch from that of the other cut-through relays, means responsive to the operation of said switches to a particular position for operating one of said cut-through relays and for automatically effecting the release of all of said switches, means for locking the operated cut-through relay in energized condition independent of the release of its associated switch, and means for indicating to the calling station that the operated cut-through relay has been operated.

2,129,742
LIFESAVING CRAFT
Ronald Thomas George Mason, Westcliff-on-Sea, England, assignor to British Marine Utilities Company Limited, Prittlewell, Southend-on-Sea, England
Application May 29, 1937, Serial No. 145,624
In Great Britain June 3, 1936
9 Claims. (Cl. 9—4)



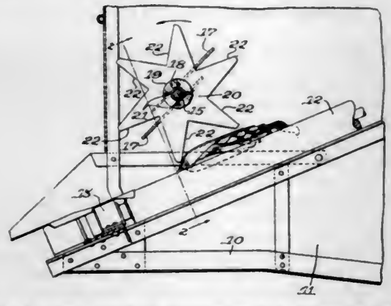
1. Life saving craft comprising an outer buoyant substantially spherical shell, a substantially spherical passenger compartment wholly enclosed within and concentrically spaced from said shell, a ring in the shell and disposed about the compartment, diametrically opposed coaxial pivots pivoting said compartment to said ring, means pivoting said ring to the shell so that it is free to oscillate on an axis at right angles to and intersecting the axis of pivotal connection of the compartment to said ring, doors in the shell and said compartment, a flexible ligature connecting said compartment to said shell to limit oscillation of the compartment relatively to the shell, and means operable from within the said compartment for varying the effective length of said ligature, whereby the maximum permissive angle of relative oscillation of the shell and compartment can be varied and also the doors in the shell and compartment brought into alignment.

2,129,743
AUTOMATIC AUDITING AND TABULATING SYSTEM
Martin L. Nelson, Park Ridge, Ill., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application May 7, 1928, Serial No. 275,643
50 Claims. (Cl. 178—3)



1. An automatic auditing system, comprising a transmitter, a plurality of marker members each bearing certain information, means for immovably attaching said members to said transmitter, a tabulating machine remotely located from said transmitter, mechanism for operating said machine to reproduce on a single ticket the information furnished by said members attached to said transmitter, and a step-by-step switch associated with said transmitter for successively transmitting the information in the members attached to the transmitter to control said machine while the members are held stationary.

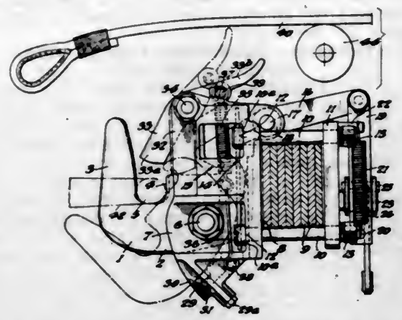
2,129,744
EAR RETARDER FOR CORN HUSKERS
Merrill W. Roscoe, Batavia, Ill., assignor to International Harvester Company, a corporation of New Jersey
Application March 13, 1936, Serial No. 68,579
8 Claims. (Cl. 130—5)



1. A corn husker comprising a housing carrying two sets of corn treating rolls arranged a pair in each set with all rolls inclined from the horizontal and lying parallel in the same inclined plane, a shaft journaled in the housing and disposed over the lower ends of the rolls, a single star wheel retarder carried by the shaft at a point between the two sets of rolls for rotation therewith in a vertical plane, said wheel having substantially blunt ear engaging portions and being movable above the space formed between the two sets of rolls to engage an ear lying longitudinally therein to stop its downward movement, the direction of rotation of the wheel being such that the lower portion thereof moves away from the lower ends of the rolls to kick the ear back toward the upper ends of the rolls, and means to drive the shaft and rotate the wheel.

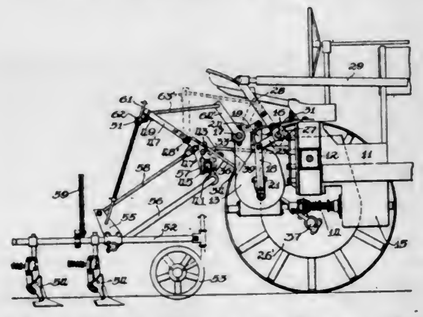
2,129,745
TOWING HOOK FOR MOTOR VEHICLES
Alfred George Scammell, Watford West, and Oliver Danson North, Hunton Bridge, England
Application June 5, 1937, Serial No. 146,646
In Great Britain August 28, 1936
2 Claims. (Cl. 280—33.15)

1. A towing hook device for use on a tractor vehicle, a pivoted hook, a support for said hook, a pivoted locking catch carried by said support and engaged with the hook and adapted to prevent downward swinging movement of the hook to the position appropriate to releasing the towed vehicle, co-operating projections on the hook and catch adapted to be engaged by swinging the hook to the coupled or operative position, a lever carried by said support, a narrowly spaced parallel pair of bars forming a link connecting said catch to said lever, spring means connecting said catch to said support and serving to hold the catch in the hook retaining position, an abutment bridging said pair of bars, a pin projecting laterally



from said lever and bearing against said abutment, and remote control means connected to said lever for moving said catch to free the hook.

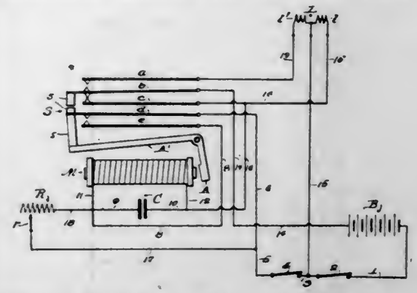
2,129,746
TRACTOR CULTIVATOR
Hiram P. Smith, Canton, Ill., assignor to International Harvester Company, a corporation of New Jersey
Application May 25, 1937, Serial No. 144,669
5 Claims. (Cl. 97—47)



1. In a tractor implement, a draw-bar carried by the tractor, means for fixing the draw-bar inclined to the longitudinal axis of the tractor to allow sufficient height for mounting an implement thereunder, a separable bracket adapted to be attached to the underneath side of the draw-bar, and implements of the parallel lift type mounted for operation on said bracket.

2,129,747
ELECTRIC CIRCUIT ALTERNATOR
Carl P. Sorensen, Chicago, Ill.
Application April 2, 1936, Serial No. 72,279
8 Claims. (Cl. 175—373)

1. An electric circuit alternator comprising an electric switch, through which circuits for two load units are alternately closed and through which a magnet circuit is intermittently closed, all of said circuits having a common source of electric supply, a single electro-magnetic device in said magnet circuit, said electro-magnetic device having an armature arm for actuating the switch when the magnet is energized to thereby open one load circuit and close the other and simultaneously open the magnet circuit, and when de-energized, to close the open load circuit and open the closed one and simultaneously close the magnet circuit, and a condenser connected across the magnet circuit only, whereby the condenser feeds the



magnet temporarily after the magnet circuit is broken, whereby the circuits for the load units are kept closed alternately for appreciable periods of duration.

2,129,748
PROCESS OF TANNING WITH ALDEHYDES
Harold G. Turley, Moorestown, N. J., and Ian C. Somerville, Philadelphia, Pa., assignors to Röhm & Haas Company, Philadelphia, Pa.
No Drawing. Application June 20, 1936, Serial No. 86,338
7 Claims. (Cl. 149—5)

1. In the process of manufacturing leather the step which comprises treating the pickled skins directly, and without first depickling simultaneously with a buffer salt and an aldehyde capable of combining with the hide substance.

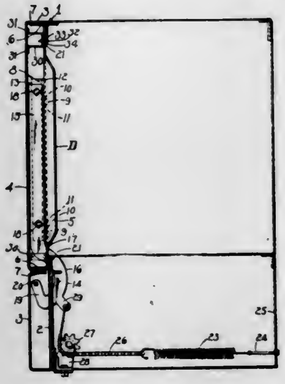
2,129,749
MOLDING COMPOSITION
Edward Henry George Sargent, Hull, England, assignor to Reckitt & Sons Limited, Hull, England, a corporation of England
No Drawing. Application June 5, 1936, Serial No. 83,732. In Great Britain June 14, 1935
2 Claims. (Cl. 260—7)

1. A process for preparing a molding composition which consists in dispersing 5 to 50 parts by weight of a protein in water by not more than 2 parts of alkali, adding the dispersion to 100 parts of cresylic acid and 70 to 100 parts of a 35–40% aqueous solution of formaldehyde, condensing by stirring and heating the mixture to about 95° to 100°, washing the condensed product with concentrated hydrochloric acid, and drying the product at low temperature.

2,129,750
STOVE DOOR CONSTRUCTION
Frank H. Schneider, Royersford, Pa., assignor to The Floyd-Wells Company, Royersford, Pa., a corporation of Pennsylvania
Application November 22, 1937, Serial No. 175,934
7 Claims. (Cl. 126—194)

1. In a stove having a front frame formed with a door opening, a door for said opening, a false front panel for covering the frame beneath the door, said door and panel being substantially coextensive in thickness and in substantial abutting relation at their respective lower and upper ends, hinge brackets connected to the door at one end and having a curved portion at the other end thereof, said curved part extending into said panel and being concealed thereby, and means for hinging said curved portions to the upper end

of said panel forward of the longitudinal axis of said panel, whereby the lower end of said door



will be rocked forwardly and downwardly in a wide curve when manually opened.

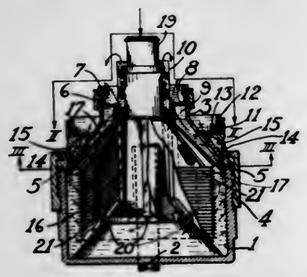
2,129,751

OPERATION OF A CENTRIFUGE FOR SEPARATING THE PETROLEUM OIL FROM SULPHURIC ACID

Alfred A. Wells, Roselle Park, and David F. Edwards, Elizabeth, N. J., assignors to Standard Oil Development Company, a corporation of Delaware

Application May 25, 1934, Serial No. 727,504

3 Claims. (Cl. 196—40)



1. In the operation of a centrifuge for separating a petroleum oil from the reagents with which it has been contacted, the improvement which comprises passing a mixture of oil and a sludge-forming reagent into a centrifuge, forming and maintaining three separate liquid layers in the centrifuge withdrawing the oil from the central liquid layer formed in the centrifuge, withdrawing the reagent from the outer layer formed in the centrifuge through a confined passage into an enlarged zone and then through an opening in spaced relation to the periphery predetermined in accordance with the conditions of operation whereby a constant depth of the outer layer of heavy liquid in the centrifuge is maintained, and withdrawing a mixture of reaction products, oil, and reagent from an intermediate layer through an opening of a size predetermined in accordance with the conditions of operation.

2,129,752

SETTLING AID IN HEAVY SOLVENTS

James M. Whiteley, Roselle, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application June 15, 1934, Serial No. 730,730

3 Claims. (Cl. 196—18)

1. Process for separating waxy constituents from hydrocarbon oils which comprises diluting the oil with a solvent comprising a halogenated hydrocarbon heavier than wax in an amount at least sufficient to make the specific gravity of the mixture greater than that of wax, adding a wax modifying agent produced by condensation of active derivatives of paraffin wax which are prepared by chlorinating paraffin wax and then dechlorinating the same by heating to split off hydrochloric acid, leaving the carbon structure substantially unchanged, chilling the oil-solvent mixture to cause the wax to solidify and separating the solidified wax.

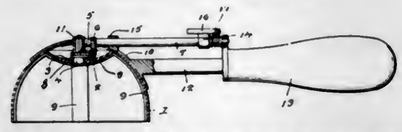
2,129,753

ICE CREAM DISHER

Joseph D. Wilhoit, Louisville, Ky.

Application June 14, 1937, Serial No. 148,195

1 Claim. (Cl. 107—48)



An ice cream dipper comprising a scoop having one wall curved inwardly to form an indentation in ice cream molded within the scoop and provided with a bearing opening located centrally thereof, a shaft journaled in the opening, means carried by the shaft for loosening the molded ice cream from the walls of the scoop, a hood conforming to the contour of the scoop and secured thereto and overlying the inwardly curved portion of the scoop and provided with a bearing opening to rotatably receive the shaft, a shank carried by the hood, a handle on said shank, a second shaft rotatably supported by the handle and the hood, gearing connecting the first and second named shafts and located in the space between the hood and the indentation of the body, a finger piece on the second shaft for the manual rotation of the shaft in one direction, and a spring acting on said shaft for the rotation thereof in an opposite direction.

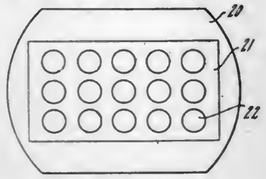
2,129,754

TEST PAPER

Herman Yagoda, New York, N. Y., assignor to Carl Schleicher & Schüll Co., Inc., New York, N. Y., a corporation of Delaware

Application August 12, 1937, Serial No. 158,755

7 Claims. (Cl. 23—253)



1. A device for chemically analyzing aqueous solutions consisting of a sheet of absorbent paper, a waxy material repellent to such solutions

disposed in and upon said paper and circumscribing spots of predetermined limited area and an indicator associated with said spots.

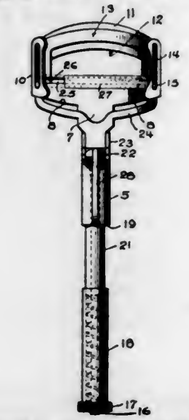
2,129,755

EYELASH CURLER

Louis Eisenman, Brooklyn, N. Y.

Application September 16, 1936, Serial No. 101,167

10 Claims. (Cl. 132—32)



1. An eyelash curler comprising a relatively stationary member having a tubular handle portion, a movable member having a rod telescoping said handle, and resilient means for holding said members in normal position, means for moving one member with respect to the other, a relatively fixed eyelid engaging portion, a relatively movable eyelash engaging portion movable thereon and connected respectively with the stationary and movable parts of the body portion and spring means adapted to connect the relatively stationary member and movable parts to restore said parts to normal position after operation.

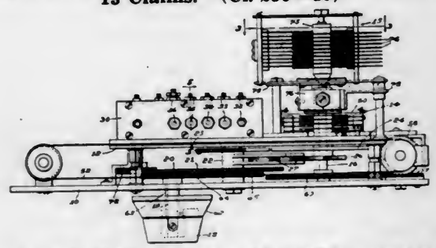
2,129,756

RADIO APPARATUS

John A. Elder, Boston, Mass.

Application September 15, 1936, Serial No. 100,888

13 Claims. (Cl. 250—40)



1. In a radio apparatus adapted to operate in different wave length bands, a tuning member, a variable condenser, means providing an operative connection from the member to the movable portion of the condenser for moving the latter from a starting position through a predetermined tuning path at a given speed ratio, other means connected to the tuning member for moving said portion of the condenser through another path to said starting position at a relatively faster speed ratio, and means to make the first-mentioned means operate only through the first-named path and said other means operate through the second-named path.

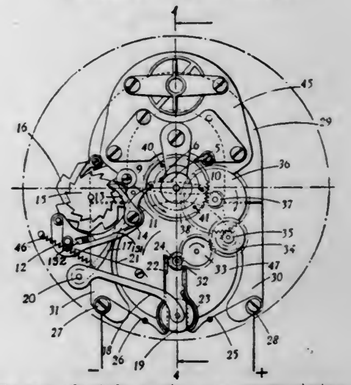
2,129,757

COMMUTATOR BRUSH CONTROL

Raoul Fouques and Jacques Lenfant, Paris, France

Original application June 5, 1936, Serial No. 83,739. Divided and this application May 5, 1937, Serial No. 140,938. In France July 3, 1935

4 Claims. (Cl. 171—323)



3. In an electric motor, a commutator, a pair of brushes cooperating with said commutator, a brush holder to which said pair of brushes is anchored, and means for moving said brush holder bodily towards and away from said commutator, at least one of said brushes being of insufficient length to make contact with said commutator when the brush holder is in its position furthest from said commutator.

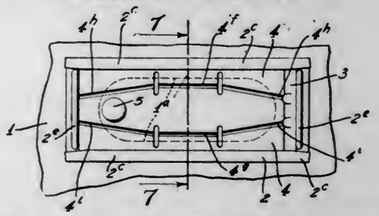
2,129,758

GATE APPARATUS FOR SURFACE IRRIGATION PIPES

Sigmund Frey, Los Angeles, Calif.

Application September 1, 1936, Serial No. 98,891

7 Claims. (Cl. 137—69)



1. In a gate structure for irrigation pipes, the combination with a round pipe wall having a fluid opening with the edge surrounding said opening turned inwardly forming a straight seat longitudinally in the inner side of said pipe surrounding said opening, of a gate shiftably mounted longitudinally of said pipe at the inside of the wall and shiftable over the opening against said seat, and a spring member engaging said gate by spaced portions inwardly some distance from the side walls of the opening and extending outwardly therefrom for holding said gate tightly against the wall of the opening.

2,129,759

FILM VIEWING DEVICE

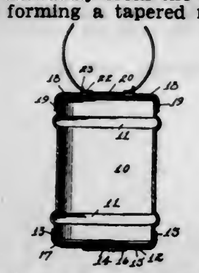
Isaac E. Goldman, Des Moines, Iowa

Application February 3, 1937, Serial No. 123,817

1 Claim. (Cl. 40—28)

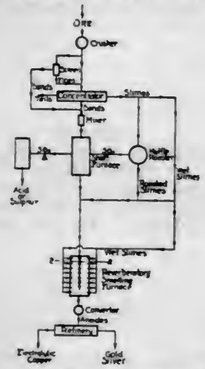
In a film viewing device the combination of a cylindrical body portion, a cap at one end of the

body portion formed with a centrally arranged sight opening, two lugs formed integral with the cap at one side of said sight opening and having their free ends extended toward each other and inclined outwardly from the surface of the cap, thereby forming a tapered notch between



the free end of each lug and the adjacent surface of the cap, a second similar pair of lugs at the opposite side of the opening, the side edge of each lug furthest from the opening being curved outwardly away from the cap, for the purposes stated.

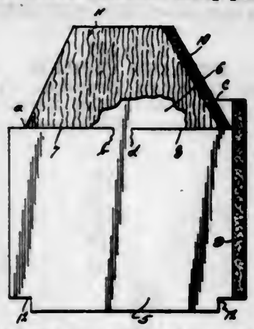
2,129,760
METALLURGICAL PROCESS
William E. Greenawalt, Denver, Colo.
Application August 26, 1935, Serial No. 37,928
11 Claims. (Cl. 75—72)



1. A process of treating ores of metals comprising, treating the ore to produce sands and slimes, roasting the sands, and smelting the roasted sands with the unroasted slimes.

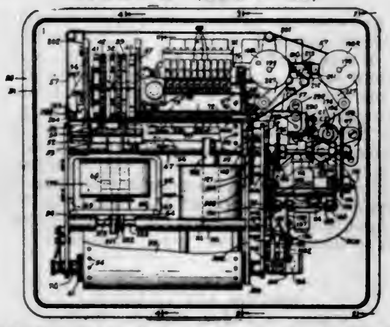
2,129,761
BOTTLE WRAPPER AND WIPER
Joyce A. Harold, Brewton, Ala.
Application June 24, 1937, Serial No. 150,183
2 Claims. (Cl. 229—89)

1. A bottle appliance of the character described comprising a lower wrapper section and an upper bottle mouth wiper section, said wrapper and wiper sections being constructed from a single sheet of tearable material, said sections being divided by slitting the sheet inwardly from one side edge to terminate adjacent the intermediate portion of the sheet, a second slit extending in substantial alignment with the first slit and toward the other side edge of the sheet, to terminate inwardly of the last-mentioned side edge of the sheet, the inner ends of the slits terminating in closed spaced relation to each other to define a narrow connecting portion between the sections at the intermediate portions thereof, one side edge portion of each section being provided with



a coating of adhesive adapted to adhere to uncoated edge portions of the sections.

2,129,762
RECORDER
Laurence S. Harrison, Binghamton, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application January 31, 1934, Serial No. 709,138
20 Claims. (Cl. 234—1.5)

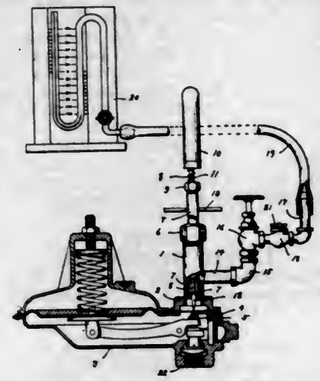


5. A time recorder comprising time recording elements; means for advancing said elements at periodic intervals including an electromechanical device for operating the advancing means, a source of current, and a switching device for periodically energizing the electromechanical device; an alternating current motor adapted to operate the switching device at a constant rate of speed, a constant speed direct current motor also adapted to operate the switching device at a constant rate of speed, a selective clutch device normally operatively coupling one of the motors to the switching device but adapted when actuated to couple the other motor to the switching device, and means controlled by the current to the normally coupled motor for actuating the clutch device.

2,129,763
REGULATOR ADJUSTING MECHANISM
Peter F. Hart, Hibbing, Minn., assignor of twenty percent to Martin Tellor, Hibbing, Minn.
Application April 2, 1938, Serial No. 199,739
3 Claims. (Cl. 73—151)

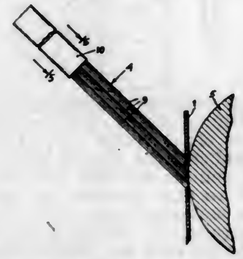
1. In a device for adjusting gas regulators, a main tubular body portion for application to the discharge of the regulator, a tubular wrench member within said body portion for application to the jamb nut in the regulator, and a

screw driver mounted axially of said wrench member, a manometer, and a controlled pipe connection from said body portion to said ma-



nometer whereby pressure of fluid passing through said regulator will be indicated upon said manometer when adjustment of the regulator is made.

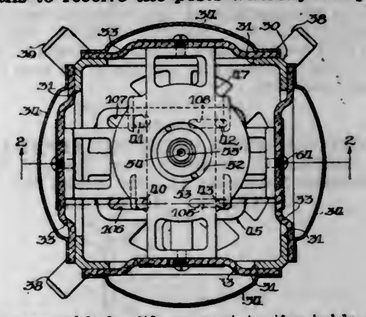
2,129,764
RECORD SENSING DEVICE
Maxwell F. Hayes, Binghamton, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application June 1, 1936, Serial No. 82,876
2 Claims. (Cl. 200—46)



1. In a machine for analyzing perforations in a movable record, a contact element positioned at one side of the record, and a brush positioned at the other side of the record and engageable with the contact element through the perforation, said brush constituting a plurality of flexible strands of wire separated into groups, movable independently of each other, whereby the trailing edge of the perforation will flex each group independently of another group.

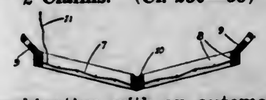
2,129,765
PULSATOR FOR MILKING MACHINES
Floyd G. Hodsdon, Milwaukee, Wis., assignor to International Harvester Company, a corporation of New Jersey
Application August 2, 1937, Serial No. 156,857
8 Claims. (Cl. 31—61)

7. In a milking machine pulsator comprising a hollow cube-shaped body having a centrally disposed table portion and a plurality of spaced guide posts secured in the table portion, at least two of the posts being of different cross-sectional size from one another, the combination with said posts, of a slide valve adapted to reciprocate across the table portion and having slots of proper widths to receive the posts whereby the plate



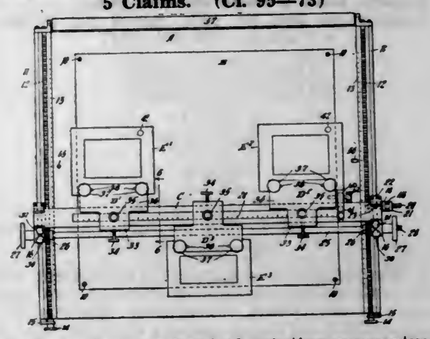
may be assembled with respect to the table portion in only one way.

2,129,766
RADIO AERIAL FOR AUTOMOBILES
Travis J. Hoskins, Oakdale, Calif.
Application February 19, 1937, Serial No. 126,589
2 Claims. (Cl. 250—33)



1. In combination with an automobile having a radiator grille, a sheet screen radio aerial, said aerial being substantially symmetrical with and of substantially the same transverse configuration as the grille, means mounting the aerial in front of the grille, said means comprising a frame of dielectric material surrounding the sheet screen, and means mounting the frame in face to face engagement with the grille; the frame being of sufficient thickness to support the sheet screen in spaced relation to the grille and including a central rib of dielectric material extending from top to bottom of the frame exteriorly of the sheet screen and engaging the central portion of the grille thereby preventing the sheet screen intermediate the frame from contacting the grille.

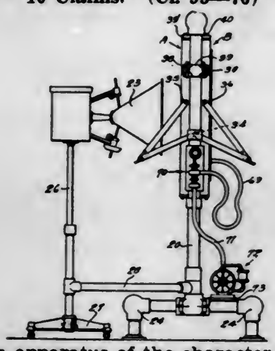
2,129,767
PHOTOMECHANICAL PRINTING APPARATUS
William C. Huebner, New York, N. Y.
Application July 20, 1936, Serial No. 91,527
5 Claims. (Cl. 95—73)



1. In a photomechanical printing apparatus, a main flat support for a print-receiving element; a member adjustably mounted on said support to move back and forth in a plane parallel to the surface of the support; a carrier adjustable back and forth on said member in a direction at right

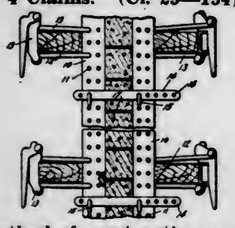
angles to the line of adjustment of said member relative to the support and also in a plane parallel to the surface of the support, said carrier comprising means slidably directly engageable with said member and a section angularly adjustable relative to said means about an axis parallel to said member.

2,129,768
PHOTOGRAPHIC PRINTING APPARATUS
William C. Huebner, New York, N. Y.
Application November 13, 1936, Serial No. 110,656
10 Claims. (Cl. 95—76)



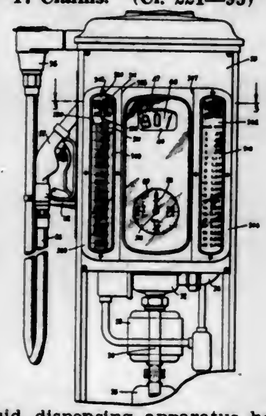
1. In an apparatus of the character described, the combination with a supporting framework including a pair of spaced uprights; of a pair of holding frames; means pivotally attaching said frames to said framework to swing about a fixed and common horizontal axis, each of said frames being movable, independently of the other, from a substantially horizontal position at one side of the uprights, between the uprights, and to a substantially horizontal position on the opposite side thereof; means providing an air seal between said frames when in face to face relation; and means for exhausting air from between said frames, one of said frames being provided with register devices for detachably receiving a register-coordinated film chase thereon.

2,129,769
METHOD OF CONSTRUCTING UPRIGHT CONCRETE WALLS
William Allen Jennings, Des Moines, Iowa, assignor to Economy Forms Corporation, Des Moines, Iowa, a corporation of Iowa
Application July 27, 1936, Serial No. 92,755
4 Claims. (Cl. 25—154)



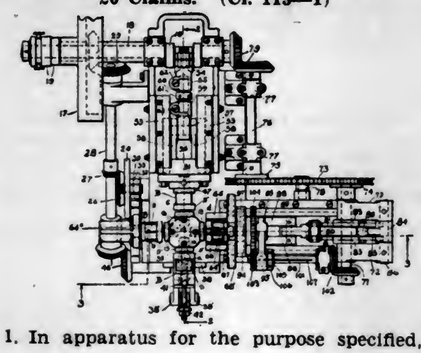
1. The method of constructing an upright concrete wall, which consists in erecting two mold forms spaced apart, extending spacing bars through the mold forms, placing tie wires between the mold forms, pouring Portland cement concrete between the forms for forming an upright supporting concrete wall, permitting it to set and harden, moving one of the mold forms outwardly from the supporting wall, bending the tie wires out into the space between the wall and mold form, then pouring Portland cement concrete into the space between the supporting wall and the latter mold form, then removing the latter mold form while the cement is in easily broken or crumbled condition and its gelatinous substances have not fully hardened, the supplemental wall being supported in its upright position by said tie wires and spacing bars, removing any portion of the spacing bars that may project a substantial distance beyond the exposed surface of the supplemental wall and then applying a coating of Portland cement in plastic condition to said exposed surface while said wall is in said condition, to thereby form a chemical and physical bond or union between said wall and coating.

2,129,770
LIQUID DISPENSING
Bjornulf Johnsen, Summit, N. J.
Application December 15, 1937, Serial No. 179,837
17 Claims. (Cl. 221—95)



1. In fluid dispensing apparatus having fluid flow establishing means, fluid metering means, a replaceable chart visibly carried with the apparatus to indicate the instant value of the fluid delivered, a pointer movable over the chart proportionately to the quantity of liquid passing through the metering means and means to prevent the operation of the fluid flow establishing means if the chart is not properly positioned in the apparatus.

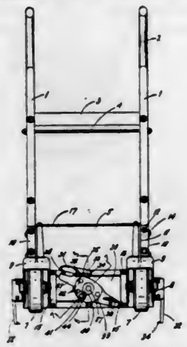
2,129,771
APPARATUS FOR MAKING SPOOL-ENCLOSING SHELLS
John A. Johnson, Woodhaven, N. Y.
Application June 27, 1936, Serial No. 87,717
20 Claims. (Cl. 113—1)



1. In apparatus for the purpose specified, a

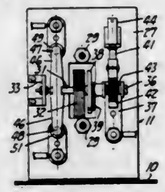
horn adapted to support a tubular sheet metal body thereon, means adapted to be disposed radially about the body on the horn operative to press portions of the material of the body laterally to form the body with inwardly extending protuberances spaced circumferentially about and adjacent the ends of the body, one of said members being movable longitudinally toward and away from the other.

2,129,772
HAND TRUCK
Lloyd E. Jones, Dunedin, Fla., assignor to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware
Application November 2, 1936, Serial No. 108,697
15 Claims. (Cl. 214—65.5)



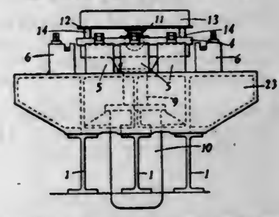
1. A hand truck comprising a truck frame provided with supporting wheels, a pair of opposed load grippers operable laterally of the frame, unitary driving means for actuating said grippers toward and away from each other, a treadle for operating said driving means, and means for adjusting the operative relation between said treadle and driving means to vary the spacing of the grippers for accommodating loads of different widths.

2,129,773
ELECTRICAL SWITCH
Arthur J. Kercher, Berkeley, Calif.
Application September 11, 1935, Serial No. 40,100
3 Claims. (Cl. 200—100)



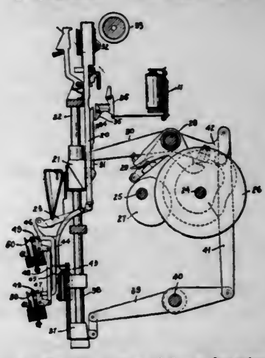
1. In a system of the character described, a pair of field coils disposed in spaced side-by-side relationship about a common axis, a rotatable shaft extending between said coils and substantially intersecting the axis of the same, a magnetic armature mounted upon said shaft and having portions extending within each of said coils, contacts adapted to be opened and closed by angular movement of the shaft, a spring serving to urge said shaft to rotate in one direction, and means including an adjustable member, accessible through the space between said coils, for varying the tension of said spring.

2,129,774
DRAW PRESS
Otto Kühner, Goppingen, Germany
Application May 20, 1936, Serial No. 80,798
10 Claims. (Cl. 153—48)



1. In a hydraulic draw press of the type referred to, the sub-combination of: a base; a press table movable relatively to said base; means for tilting said press table and clamping devices for a sheet to be treated, said devices comprising a plurality of blocks secured to said base, said blocks each comprising an under part having an upper concave surface, and an upper part having a convex surface movable over said concave surface; and means for holding said upper part in engagement with said under part.

2,129,775
TABULATING MACHINE
Clair D. Lake, Binghamton, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application January 17, 1934, Serial No. 706,927
6 Claims. (Cl. 235—61.9)

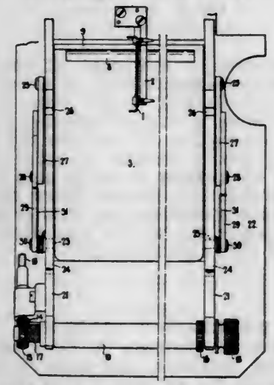


1. In a tabulating machine having printing mechanism including a type bar provided with type elements movable to and through a printing position, an entry controlling means comprising a pair of contacts in sequence in an entry controlling circuit, a crosshead for carrying and moving said bar, means for interrupting further movement of said bar with said cross-head at differential times to select the type elements for printing and means operative upon interruption of the movement of the bar for causing the operation of said pair of contacts whereby said circuit will be closed at a differential time in accordance with the value of the character selected for printing.

3. In a tabulating machine, a printing crosshead, means for causing an invariable excursion of said crosshead, a type bar resiliently carried thereby, means for interrupting the movement of said bar with said crosshead, an accumulator control means and means operative immediately upon the interruption of movement of said bar

for causing an operation of said accumulator control means dependent upon the stopping position of the bar.

2,129,776
ELECTROCHEMICAL RECORDER
Edward Briggs Drake Mackenzie, Portland, England, assignor to Henry Hughes & Son Limited, London, England, a corporation of Great Britain
Application November 29, 1935, Serial No. 52,264
In Great Britain December 3, 1934
3 Claims. (Cl. 271—2.3)



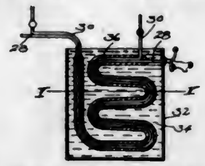
1. In an electro-chemical recording device of the type employing a paper strip and a traversing stylus, a casing, a spool containing a rolled strip of presensitized paper within said casing, means within said casing for supporting said spool to enable it to rotate, a slot formed in the casing to permit egress of the strip, feed rollers for withdrawing the strip, a mechanical drive for rotating one of the feed rollers, a yielding free-wheel device interposed in the drive to said roller, and a hand knob for rotating the roller in advance of the drive to enable the paper strip to be rapidly withdrawn.

2,129,777
DEVICE FOR STERILIZING BARBER'S DUSTER BRUSH
Richard R. McGrath, Jefferson, Iowa, assignor of one-half to Wilber G. Pooley and John V. Pooley
Application July 16, 1936, Serial No. 90,916
3 Claims. (Cl. 21—88)



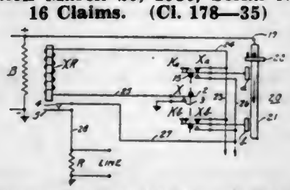
2. In a device of the class described, the combination of a duster brush, including a handle and a brush element, a casing slidably mounted on said handle to enclose the brush element at its outer limit of movement, means for yieldably latching the casing either at its upper or lower position of movement, a detachable container secured to the free end of said casing, and means for automatically closing said container on being removed from said casing and for automatically opening the container upon being placed in position on said casing, and a volatile sterilization agent within said container.

2,129,778
LIQUID COOLING AND TRANSPORTING SYSTEM
Howard A. Middleton, Kansas City, Mo.
Application June 15, 1936, Serial No. 85,341
3 Claims. (Cl. 62—141)



1. A liquid cooling and transporting system adapted to preclude a rise in temperature of the liquid as it passes from one point to another point appreciably remote from the one point, comprising a straight conduit for the liquid extending between the two points; a straight tube in juxtaposed, parallel, abutting relation with the conduit; means for circulating the refrigerant through said tube; and means for controlling the flow of refrigerant through said tube.

2,129,779
COMMUNICATION SYSTEM
Harry J. Nichols, Binghamton, and Henry L. Tholstrup, Endwell, N. Y., assignors, by direct and mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application March 26, 1936, Serial No. 70,924
16 Claims. (Cl. 178—35)



1. A communication system of the character described comprising a plurality of operable members, means for transmitting timed impulses of certain time duration upon the operation of each of said members, and means providing for the transmission of a complete impulse for every operation of said members, including means controlled by said members, irrespective of the time of operation of said members, to effect transmission of impulses of equal time duration.

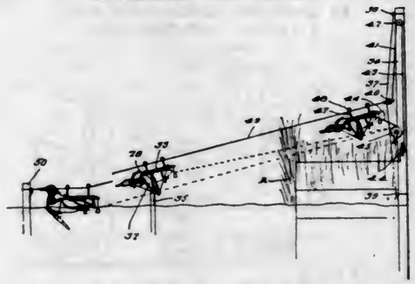
2,129,780
TUBE SIGN
Elmer R. Nickel, Milwaukee, Wis.
Application June 6, 1938, Serial No. 212,061
8 Claims. (Cl. 40—130)

1. In combination, an electric light source in the form of a length of translucent tubing having electric terminals in spaced relationship with respect to the tube length, and a masking element in the form of a sleeve enclosing a portion of the tubing between said terminals, said sleeve



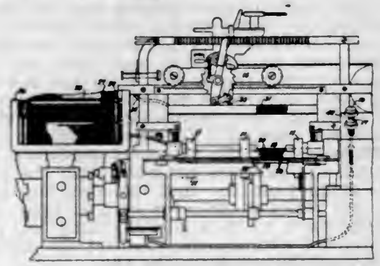
having light emitting areas shaped to provide a message display for the tubing.

2,129,781
DECOY APPARATUS
Peter Jay Park, Rushville, Ill.
Application January 29, 1938, Serial No. 187,743
6 Claims. (Cl. 43—3)



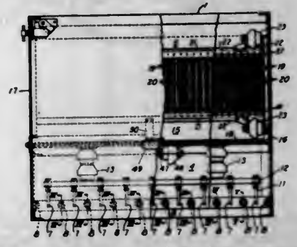
1. A decoy apparatus comprising an inclined line, a dead bird carrier movable on the line and remote control means for controlling the position of the dead bird's head and neck in the carrier.

2,129,782
RECORD PUNCTURING MACHINE
Robert E. Paris, New York, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Original application July 24, 1929, Serial No. 380,687. Patent No. 1,916,232. Divided and this application June 28, 1933, Serial No. 679,341
10 Claims. (Cl. 164—113)



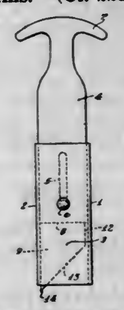
1. A machine for puncturing statistical records having index point positions arranged in columns and rows, comprising a record station, a plurality of electrically connected points one for each index position of the record and all on one side of said station, cooperative means on the other side of said station, and means for effecting an electrical discharge between any selected point and the first said means for effecting puncturing of a record to indicate digital values.

2,129,783
ELECTRICAL PRECIPITATOR FOR ATMOSPHERIC DUST
Gaylord W. Penney, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 15, 1935, Serial No. 45,070
16 Claims. (Cl. 183—7)



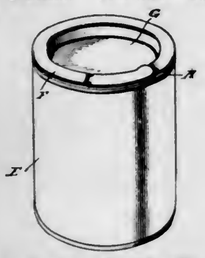
2. A gas-purifying precipitator comprising an ionizing chamber, a separate precipitator chamber, and means for causing a gas-flow successively therethrough; said ionizing chamber comprising one or more insulatedly supported fine wires spaced between substantially uninsulated, relatively large electrodes; said precipitator chamber comprising a plurality of alternately insulated and uninsulated, substantially uniformly spaced, precipitating electrodes, substantially parallel to the direction of gas flow; a plurality of relatively low-voltage power-supply leads for feeding electric energy into the precipitator; and limited-energy, voltage-conversion, relatively high-voltage means for unidirectionally charging said fine wire or wires and said insulated precipitating electrodes relatively to said substantially uninsulated parts, said limited-energy means having such a limited wattage-output that it will withstand a short-circuit on said relatively high-voltage parts.

2,129,784
POURING SPOUT FOR CANS
Frank E. Rice, Detroit, Mich.
Application August 28, 1936, Serial No. 98,321
4 Claims. (Cl. 221—23)



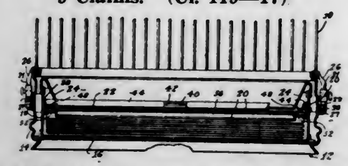
1. In combination, a pouring spout having a pointed end adapted to pierce the wall of a can and resiliently flexible means adapted to frictionally engage edges of the opening formed by piercing said wall, means for holding said resilient means in a compressed condition, a manually movable plunger in said holding means adapted to engage and eject said spout therefrom in a compressed condition to force it into the wall of a can, and means for restricting movement of said plunger to determine the depth of insertion of said spout.

2,129,785
RECEPTACLE OPENER
Herman W. Rueger, Lancaster, Pa., assignor to Liberty Can and Sign Company, a corporation of Pennsylvania
Application November 19, 1936, Serial No. 111,723
8 Claims. (Cl. 220—43)



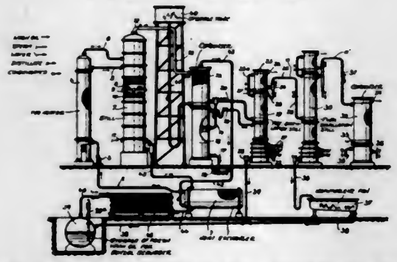
1. A friction closure plug having an imperforate plug form body and formed with a wide marginal flange having a downwardly and inwardly curled bead at its extreme outer edge, said flange having a portion depressed below the plane of its top and connected therewith by integral axially extending portions to form a recess and being disposed between the face of the top of said flange and the bottom of said bead, one of said axially extending portions being slotted, and a receptacle formed with a top seam conforming in outline and size with said flange bead and all lying substantially in the same plane to be engaged by and to support said flange bead and having a top imperforate web disposed substantially below the plane of the top of said seam and extending inward at all points to the top of a sealing seat for the plug body, said seat defining the receptacle discharge opening, in combination with a lever having an arm and a prying foot integrally connected with said arm by a connecting portion extending through said slot and being of a length exceeding the axial distance between the lower face of said flange and the lower face of said plug body, said arm normally lying in said recess substantially parallel with the upper face of the bottom thereof and with its upper face substantially flush with the adjacent portions of the upper face of said flange, and said foot normally lying between the lower face of said flange and the upper face of said top web and bearing against the lower face of said flange with its upper portion and against the upper face of said web with its lower portion as the said arm is progressively moved from its inoperative to its extreme operative position to pry said plug free from its seat.

2,129,786
CAGE
Charles E. Sacre, Boston, Mass.
Application November 10, 1934, Serial No. 752,453
9 Claims. (Cl. 119—17)



9. A bird cage bottom, comprising a housing having side walls crimped inwardly adjacent to the bottom edge thereof to provide an inwardly projecting ledge, a bottom wall resting on said ledge, a box resting on the bottom wall within the housing and having a chamber therein for holding a supply of sheet paper, a wall disposed over and covering the chamber and serving as a floor for the cage, and means carried by the box and overhanging the floor along portions of the edges thereof and providing an inwardly and downwardly inclined apron closely adjacent to but spaced from the floor whereby a sheet may be placed on the floor with some of its edge portions extending beneath the apron, the arrangement being such that the used paped sheet can be drawn outwardly from the floor and a new sheet substituted therefor from the magazine.

2,129,787
REMOVAL AND RECOVERY OF BENZOL AND NAPHTHALENE FROM GASES
Adolf Schmalenbach, Essen, Germany, assignor, by mesne assignments, to Koppers Company, a corporation of Delaware
Application January 25, 1934, Serial No. 708,181
In Germany January 25, 1933
1 Claim. (Cl. 202—39)

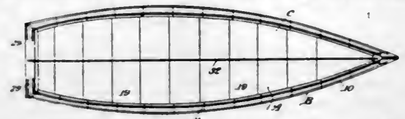


The method of removing and recovering benzol, its homologues and naphthalene from gases containing them, comprising: washing the gas with wash oil adapted to absorb benzol, its homologues and naphthalene therefrom; heating spent wash oil from the gas washing stage to drive off absorbed benzol, its homologues, naphthalene and a quantity of wash oil about the same as the quantity of benzol, its homologues and naphthalene; condensing the vapors from said heating step and pre-distilling the condensate at about 108° C. to remove benzol, its homologues and naphthalene together with a small portion of the wash oil that comes over with the vapors from the aforesaid heating step; condensing the vapors from the latter pre-distilling step and finally redistilling the condensate at about 88–90° C. to drive off benzol and its homologues leaving as residuum the naphthalene and wash oil that comes over with the vapors from the pre-distilling step; separating naphthalene from the latter residuum by atmospheric cooling to room temperature above 10° C.; separating the solid naphthalene from the so cooled wash oil; and returning the wash oil combined with the wash oil residuum from the first two distilling steps to the gas washing stage for another cycle, said combined wash oil being of sufficiently low concentration of naphthalene to effect the absorption of naphthalene from the gas.

2,129,788
BOAT
Joseph A. Scruggs, Pensacola, Fla.
Application June 13, 1936, Serial No. 85,175
4 Claims. (Cl. 9—2)

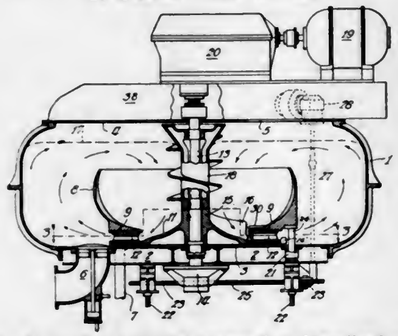
1. A knockdown boat of the kind described, comprising a sectional body including sides and a bottom, respectively, each formed of a plurality

of separable sections, the sections being disposed edge to edge transversely of the body and bottom, a bow piece interfitting said body and bottom, the body and bottom being interlocked with said bow piece, a stern piece interfitting the body and bottom, overhangs formed on the sections of the sides for the bottom sections and having the latter



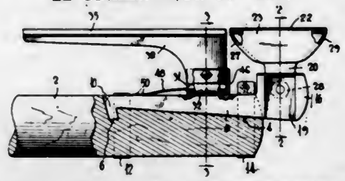
seated against the same for the interfitting thereof, and spaced upper and lower flexible elements arranged exteriorly of the body in longitudinal direction and adjustably coupled directly to the bow and stern pieces for exerting equal inward pressure upon the sections of the body and pieces, respectively.

2,129,789
BEATER FOR PAPER STOCK
Charles R. Seaborne, Appleton, Wis.
Application April 3, 1936, Serial No. 72,509
10 Claims. (Cl. 92—25)



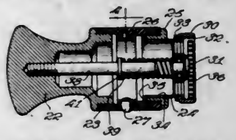
1. A machine of the character described comprising a bowl open at its top and bottom and having its bottom provided with beater knives, a rotatable plate extending beneath and closing the bottom of said bowl, said plate having beater knives for cooperating with the beater knives of the bowl, and at least one scraper knife supported upon said bowl adjacent said rotary plate for preventing clogging of said knives during use of said machine.

2,129,790
TURPENTINE HACK AND PULLER
William A. Sessoms, Bonifay, Fla.
Application September 17, 1937, Serial No. 164,410
11 Claims. (Cl. 30—121)



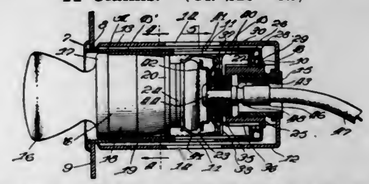
1. A turpentine hack and puller comprising a body member, a knife member thereon, an elongated rectilinear guide member, means for mounting said guide member in front of the knife member on said body member to permit movement laterally from one position to another parallel thereto so that on changing the cutting stroke from one side to the other on the face of the tree, the guide member will be shifted laterally, whereby successive cuts of uniform depth may be obtained.

2,129,791
CIGAR LIGHTER
John Sinko, Chicago, Ill.
Application February 15, 1936, Serial No. 64,151
1 Claim. (Cl. 219—32)



In a cigar lighter: an elongated socket member having a shell adapted to serve as one electrical terminal for an igniter plug and having a base terminal member insulated from said shell; and a withdrawable igniter plug comprising a hollow handle member, a contact ring in said handle member having an outwardly extending stud yieldingly urged into electrical contact with said shell when the plug is inserted therein, a heating unit slidably mounted on said handle having a resistance element with one end normally in electrical connection with said base terminal and the other end provided with a contact adapted to be slid into electrical butt contact with said contact ring, a coiled compression spring in said handle disposed so as to yieldingly urge said resistance element out of electrical contact with said contact ring, and a guide stem extending into said compression spring so as to hold the spring centered with respect to the handle.

2,129,792
CIGAR LIGHTER
John Sinko, Chicago, Ill.
Application October 7, 1937, Serial No. 167,833
11 Claims. (Cl. 219—32)

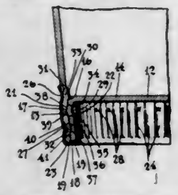


1. In a cigar lighter: a tubular casing having an end wall; and an igniter plug-receiving contact unit in said casing comprising a rearwardly extending post fixed to said end wall and having a base-terminal contact insulated from the casing, a terminal-sleeve slidably mounted in the casing and having an end flange for limiting its rearward travel, said sleeve having yielding-means for restraining its movement with respect to an igniting plug and maintaining electrical connection therewith, and a spring in said casing for urging the sleeve rearwardly to prevent electrical connection between said base-terminal and a terminal on said plug.

2,129,793
CONTAINER
Swan Smith, White Bear, Minn., assignor to David C. Shepard, St. Paul, Minn.
Application December 26, 1934, Serial No. 759,212
10 Claims. (Cl. 229—5.7)

1. In a container having a separate wall struc-

ture, a bottom extending across said wall structure, a flange extending downwardly from said bottom and along the lowermost marginal portion of said wall structure, a hoop U-shaped in cross-section having inner and outer spaced circular flanges embracing said bottom flange and the lowermost marginal portion of said wall structure

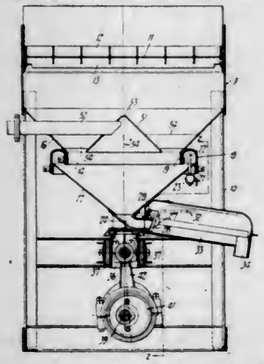


and having a rim connecting said flanges, the lowermost marginal portion of the wall structure being formed with spaced circumferentially extending grooves disposed one above the bottom and one below the bottom, and beads on the outer hoop flange disposed within said grooves for assisting in holding the hoop attached to the wall structure.

2,129,794
FRICTION ELEMENT
Ray E. Spokes, Ann Arbor, Mich., assignor to The American Brake Shoe and Foundry Company, a corporation of Delaware
No Drawing. Application December 2, 1936, Serial No. 113,880
40 Claims. (Cl. 106—7.5)

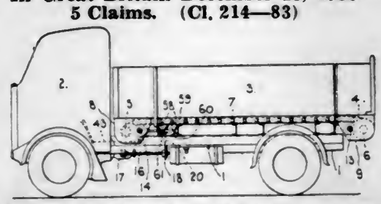
39. A friction element containing a tannin, an iron salt of an acid selected from the group consisting of ferrocyanic and ferricyanic acids, and a drying fatty oil.

2,129,795
ORE JIG
Björn R. Storsand, San Francisco, Calif., assignor to Placer Development, Limited, Vancouver, British Columbia, Canada, a corporation of Canada
Application September 18, 1936, Serial No. 101,452
4 Claims. (Cl. 209—455)



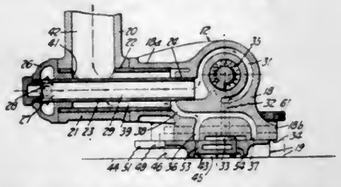
1. In an ore jig, a stationary tank having a substantially circular opening in its lower end, a stationary screen carried within the upper part of the tank, the walls forming the tank being convergent below said screen, a substantially conical shaped bottom container disposed below said opening, a flexible diaphragm serving to form a flexible sealed joint between the lower edge of the tank and the adjacent upper edge of the bottom container, a substantially hollow substantially closed conical shaped baffle disposed above said bottom container and within the tank, the apex of said baffle being uppermost and the face of said baffle being disposed in the region of and centrally of said tank opening, and means for reciprocating said bottom container in a vertical direction.

2,129,796
MOVING FLOOR FOR VEHICLES
Herbert Wilson Swift, Bolton, England, assignor to Bromilow & Edwards Limited, Bolton, England
Application May 12, 1937, Serial No. 142,261
In Great Britain December 15, 1936
5 Claims. (Cl. 214—83)



1. A moving floor for vehicles comprising a band of flexible material having its ends secured to drums or rollers, independent operating gear boxes for such drums or rollers each including a reduction train, and a power driven gear box complementary to such end gear boxes and selectively connectable to one or other of them to impart movement of the floor respectively in one direction for loading or in the other direction for discharge.

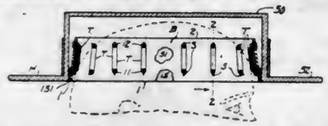
2,129,797
CARPET WASHING MACHINE
Joseph S. Thompson, San Francisco, Calif.
Application March 16, 1935, Serial No. 11,445
5 Claims. (Cl. 15—50)



1. In a machine of the character described, a member having a substantially flat face interrupted by a recess, whereby when said face is contacted with a carpet or like surface to be cleaned a confined chamber is defined by the recess and said surface, means for circulating a washing or cleaning liquid through the chamber thus formed, the member having spaced ports for the flow of liquid into and from said chamber, and combined liquid flow directing and nap agitating means disposed in said recess.

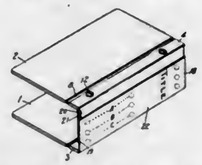
2,129,798
HAT
George M. Trumbull, Brighton, Boston, Mass.
Application March 17, 1937, Serial No. 131,414
3 Claims. (Cl. 2—181)

1. The combination with a hat having a bottom inside rim; of a band attached closely along its bottom edge to the hat rim said band tapering up and in and being provided on its inside with a plurality of parallel, resilient tubes each of which extends down at right angles to and proximate the bottom edge of the band, each tube being detachably fastened to the band by a single wire staple



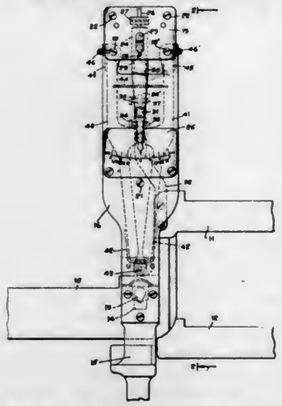
which extends through the tube and is bent from the inside around and along the outside of the band.

2,129,799
LOOSE LEAF BINDER
Arthur E. Viens, Hartford, Conn.
Application June 29, 1936, Serial No. 87,895
12 Claims. (Cl. 129—1)



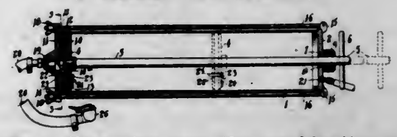
5. An expansible loose leaf binder having front and back covers, a back connecting said covers comprising telescoping portions carried by said front and back covers respectively, a flap carried by one of said covers and overlying said telescoping portions, and cooperating fastening means carried by said flap and one of said telescoping portions for securing said covers in a plurality of expanded positions thereof to accommodate loose leaf fillers of varying thickness.

2,129,800
SCALE
Edward J. Von Pein, Endicott, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application December 11, 1935, Serial No. 53,863
9 Claims. (Cl. 265—58)



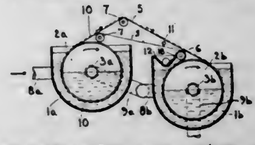
1. In a scale; a beam movable over or under a neutral position, a stretchable spring, a pair of separately movable elements connected to opposite ends of the spring and solely between them supporting the spring, and means operated by the beam upon over movement of the latter for moving one of said elements to vary the length and resistance of the spring and upon under movement of the beam for moving the other element to vary the length and resistance of the spring.

2,129,801
DISPENSING GUN
John M. Wallace, Oakville, Ontario, Canada
Application March 15, 1937, Serial No. 131,045
In Canada March 19, 1936
2 Claims. (Cl. 221—74)



1. In a dispensing gun, the combination of a hollow body having an air inlet in one end and a discharge outlet in its other end; a plunger movable in said body; a pull rod connected with the plunger centrally thereof and extending through the other end of the body, said plunger having an air passage therethrough; a normally seated valve controlling said passage; a stem on said valve extending through said passage and of a length to engage the end of the body to unseat the valve just as the plunger reaches the end of its stroke.

2,129,802
APPARATUS FOR RECOVERING PARTICLES FROM LIQUIDS
Ivar Wallquist, Karlstad, Sweden
Application March 19, 1937, Serial No. 131,972
In Sweden March 20, 1936
2 Claims. (Cl. 210—198)

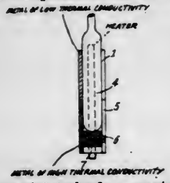


1. An apparatus for recovering of particles from liquids comprising an endless movable filtering cloth, a plurality of containers, a rotary pervious cylinder in each of said containers, each container having an inlet formed therein for the liquid to be treated on the outside of the cylinder and an outlet formed therein for the liquid from the interior of the cylinder, the outlet of one container being connected with the inlet of the second container, and an endless filtering cloth running over said rotary cylinders whereby a layer of particles from the liquid is formed in one container and serve as a filter for the same liquid in a second container.

2,129,803
THERMOSTATICALLY CONTROLLED APPARATUS
Harold Joseph Hughes Wassell, Chelmsford, England, assignor to Radio Corporation of America, a corporation of Delaware
Application November 21, 1934, Serial No. 754,074
In Great Britain December 14, 1933
4 Claims. (Cl. 236—1)

1. A thermostatically-controlled apparatus in which the temperature-responsive member by which the thermostatic control is effected is mounted in a tubular metallic container, a heater surrounding said container, the lower portion of said container being of a metal of high thermal conductivity and the upper portion of another metal having a low thermal conductivity, said

container being in good thermal contact relationship with the heat-conducting walls of a chamber whose temperature is to be controlled, said temperature-responsive device being adjust-



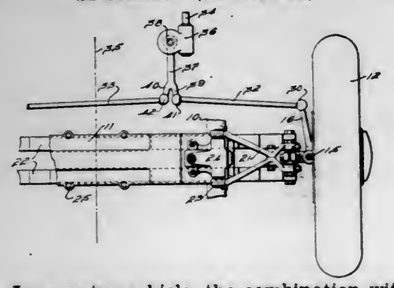
ably mounted in said tubular metallic container, that it may be moved from a portion having a lower or higher thermal conductivity to provide adjustment of the said apparatus.

2,129,804
MOTOR VEHICLE

Thomas E. M. Wheat, Highland Park, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware

Application June 19, 1935, Serial No. 27,287

24 Claims. (Cl. 280—95)



1. In a motor vehicle, the combination with a vehicle frame structure, of a pair of steerable road wheels disposed adjacent one end of the frame at opposite sides thereof, means supporting each of said wheels on said frame for rising and falling movements with respect to said frame independently of the other wheel, said means including linkage intermediate the frame and each of said wheels for guiding said wheel movements and a steering knuckle swivelly connecting each of said wheels to its said linkage, tie rods articulated at one of their ends respectively to said steering knuckles, steering gear disposed to one side of the longitudinal vertical mid-plane of the vehicle, means for articulating the other ends of said tie rods to said steering gear for pivotal movement relative thereto during said wheel movements, one of said tie rods being of substantially greater length than the other, the points of articulation of said tie rods to said steering gear being relatively vertically spaced and so constructed and arranged that tendency of said steering knuckles to swivel during said wheel movements is substantially prevented when the vehicle is travelling approximately straight ahead.

2,129,805
MANUFACTURE OF MORPHOLINE AND CERTAIN HOMOLOGUES THEREOF

Alexander L. Wilson, Pittsburgh, Pa., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

No Drawing. Application July 12, 1934, Serial No. 734,805

20 Claims. (Cl. 260—247)

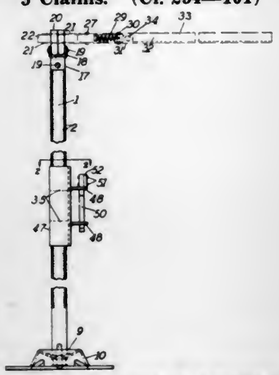
1. The process of making a morpholine, which comprises heating and reacting under superatmospheric pressure a $\beta\beta'$dichlorinated dialkyl ether with ammonia in a molar ratio of at least 5 of ammonia to 1 of the ether, reacting the resultant reaction mixture with an excess of a caustic alkali, and recovering the said morpholine thus produced.

2,129,806
LIFTING JACK

Charles B. Woodworth, Port Dickinson, N. Y.

Application March 19, 1937, Serial No. 131,770

5 Claims. (Cl. 254—101)



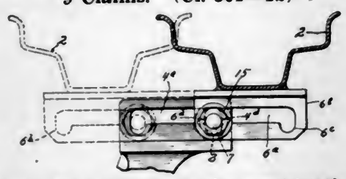
1. A lifting jack comprising a screw shaft and a lifting member thereon, a base to which the lower end of said shaft is secured, resilient means for securing said end to said base whereby said shaft may be tilted with respect to said base without distortion thereof, said connecting means comprising a headed pin having a tight driven fit in said shaft and projecting below said base, and a resilient member between the head of said pin and said base.

2,129,807
WHEEL STRUCTURE

Rudolph H. Beckman, Davenport, and John H. Ploehn, Bettendorf, Iowa, assignors to French & Hecht, Incorporated, a corporation of Iowa

Application December 23, 1935, Serial No. 55,780

9 Claims. (Cl. 301—12)



1. In a wheel structure, the combination of a rim, a wheel body, a plurality of attaching members arranged on the wheel body in spaced relation circumferentially thereof for securing the rim to the wheel body, said attaching members being formed so that the rim may be slidably moved relatively thereto to locate it in different axial positions on the wheel body, attaching members correspondingly arranged on the rim, and fastening means cooperative with the attaching members independently of the rim for securing the attaching members together.

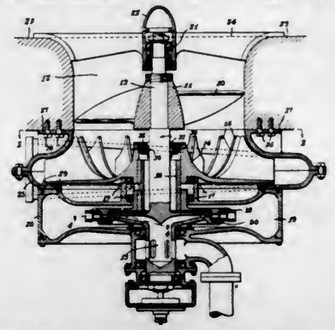
2,129,808
BLOWER

Oliver D. H. Bentley, Norfolk, Mass.

Application November 9, 1937, Serial No. 173,637

4 Claims. (Cl. 230—116)

1. A blower assembly comprising in combination, a centrifugal fan wheel, means forming an axial air inlet passage into the eye of said wheel, propeller blades in said passage, a steam turbine having rotors adapted to turn in opposite direc-



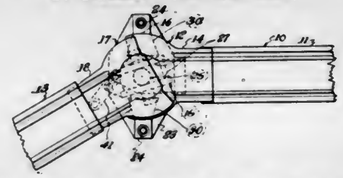
tions, means connecting one of said rotors with said propeller blades, and means connecting the other of said rotors with said wheel.

2,129,809
SHAKER CONVEYER

Ernst R. Bergmann, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois

Application June 19, 1936, Serial No. 86,037

17 Claims. (Cl. 198—220)



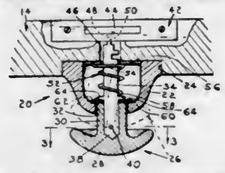
1. In a shaker conveyer, a trough line including a driving trough section and a driven trough section, a swivel adapted to permit one section of the trough line to be pivoted with respect to the other section in a horizontal plane and minimize angular side thrusts in the driven section comprising an anti-friction support for said trough sections, coaxial pivotal connections between said driving and driven trough sections and said support, a stationary base adapted to form a guide for said support, and a link pivotally connected between said trough sections and support to pivot said support about said guide at a lesser angle than the angle of said driven trough section.

2,129,810
LOCKING AND LATCHING MEANS

Arthur M. Bier, New York, N. Y.

Application March 5, 1938, Serial No. 194,032

8 Claims. (Cl. 70—431)



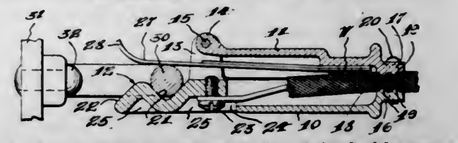
1. A combined knob and concealed key unit adapted to be mounted on a member provided with a lock having a key-hole, said unit comprising a housing, a key mounted for movement in said housing and into said key-hole for operating said lock, and a knob for actuating said key, said knob being secured to said key and having a part movable externally of said housing for operating the key and for concealing the latter from view.

2,129,811
ELECTRICAL CONNECTER

Carl H. Bissell, Syracuse, N. Y., assignor to Crouse-Hinds Company, Syracuse, N. Y., a corporation of New York

Application September 9, 1935, Serial No. 39,755

3 Claims. (Cl. 173—332)



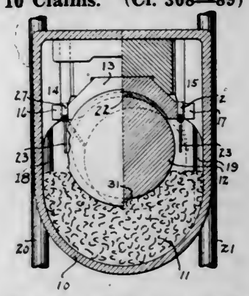
1. An electrical connecter for detachably connecting a cable to a conductor comprising a body provided at one end with a rigid jaw, a member pivoted at one end to the body between the ends thereof, said member being movable about its pivot to bring the free end thereof into juxtaposition with the end of the body opposite to said rigid jaw to clamp the cable to the body, a resilient jaw carried by said member and arranged in opposed relation to said rigid jaw when said member is in cable clamping position to retain the conductor in frictional engagement with said jaw, means for electrically connecting the cable to the body, and means operable to maintain said pivoted member in cable clamping position.

2,129,812
JOURNAL BOX WASTE GRAB PREVENTING MEANS

William T. Bissell, Indianapolis, Ind., assignor to Journal Box Servicing Corporation, Indianapolis, Ind., a corporation of Indiana

Application May 3, 1937, Serial No. 140,422

10 Claims. (Cl. 308—89)



2. In a journal box, in combination with a journal having waste packing thereunder, and a brass normally bearing on the journal; a plate member carried in hinged relation from the brass to hang freely and swing under inertia effects between the journal and the box wall and normally out of contact with both.

2,129,813
PRODUCTION OF ANHYDROUS SODIUM SULPHATE

Robert Roger Bottoms, Louisville, Ky., assignor to The Girdler Corporation, Louisville, Ky., a corporation of Delaware

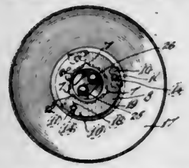
No Drawing. Application February 25, 1935, Serial No. 8,059

7 Claims. (Cl. 23—121)

1. The process of producing anhydrous sodium sulphate from a boiling water solution and in a

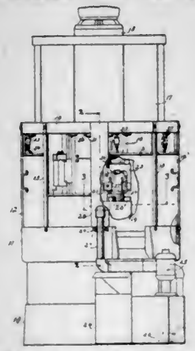
form which does not crystallize on or cling to the equipment employed, said process including concentrating the solution by boiling to a point beyond which the sodium sulphate begins to be crystallized out of solution and adding to said solution, before or during the boiling, a compound selected from the group consisting of sodium thiocyanate, sodium thiosulphate, sodium formate, potassium thiocyanate, potassium thiosulphate, potassium formate, sodium bromide, sodium iodide, potassium bromide, potassium iodide, magnesium bromide, magnesium iodide, and in an amount between 1% and 20% of the sodium sulphate.

2,129,814
LAMP ATTACHMENT MEANS
Ivar W. Brogger, Orange, N. J.
Application March 3, 1937, Serial No. 128,785
8 Claims. (Cl. 240—41)



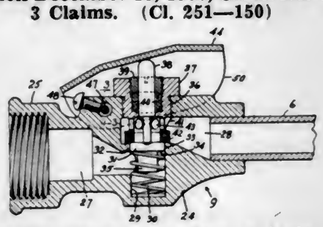
4. In combination with a lamp comprising a bulb having a filament therein and a base carrying a plurality of arcuately spaced clips thereon accurately positioned with respect to said filament and a reflector having a plurality of yieldingly mounted pins each having a head with an engagement surface thereon positioned substantially in a plane closely adjacent a back surface of the reflector, an adaptor having lugs in number and spacing equal to the number and spacing of the pins, said lugs having seats therein to receive said pins when the adaptor is placed so the lugs engage said pin engagement surfaces and the adaptor properly turned, said adaptor having a centrally located hole with side notches therein for receiving the lamp stem and clips thereon and means on the adaptor to arcuately locate said clips after they have been passed through said notches and the lamp properly turned as described.

2,129,815
MACHINE TOOL COOLANT DISTRIBUTION
Edward P. Bullard, III, Fairfield, Conn., assignor to The Bullard Company, a corporation of Connecticut
Application March 10, 1937, Serial No. 130,112
4 Claims. (Cl. 29—38)



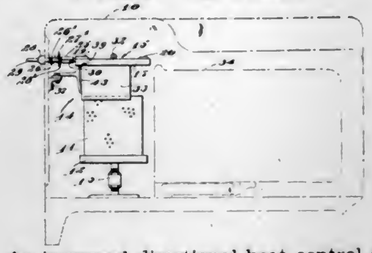
2. In a machine tool having a central column, a carrier rotatably mounted thereon, a plurality of work-holders mounted upon said carrier, movable tool-holders mounted to operate upon work mounted in said work-holders, a stationary coolant passage-way, a stanchion forming part of said machine tool structure and forming a conduit for delivering coolant to said passage-way and distributing means adapted to deliver coolant fluid to the tool-holders from said passage-way.

2,129,816
FOUNTAIN MOP CONTROL
Logan C. Byars, Los Angeles, Calif.
Application December 18, 1936, Serial No. 116,445
3 Claims. (Cl. 251—150)



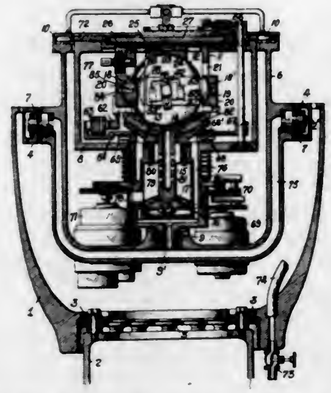
1. A valve means comprising a body having a valve therein and a grip thereon to operate the valve, characterized by a pin mounted on the body with the ends of the pin projecting from the body at either side thereof, the projecting ends pivotally mounting the grip on the body, the body being arranged to prevent lateral movement of the pin relative to the body, the portion of the pin on the body having a groove, and a set screw inside the grip engaging the groove in the pin.

2,129,817
OIL BURNER HEAT CONTROL APPARATUS
Guy C. Carpenter, Medford, Mass.
Application April 9, 1937, Serial No. 135,925
7 Claims. (Cl. 126—44)



1. An improved directional heat control apparatus for range oil burners and the like comprising in combination, an outer sleeve adapted to engage with the base of said burner, the lower portion of said sleeve being perforated in the conventional manner and having an upper portion partially cut away on one side the top edge being semi-circular in outline, a cover adapted to engage over the said semi-circular edge of said sleeve, said cover member having right-angular sides extending around the outside of the upper portion of said sleeve adjacent said semi-circular edge, a projection located on one side of said cover extending out over and beyond the cut away portion of said sleeve, an opening located in the central portion of said cover concentric with said lower portion of the said sleeve, a rotatable damper located in said opening and being trunnioned on said cover, a control lever resiliently connected with said damper the free end of said lever being located outside of said range.

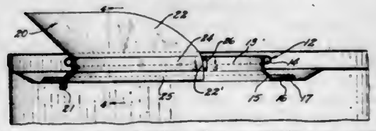
2,129,818
AIR-BORNE GYROCOMPASS
Leslie F. Carter, Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York
Application July 31, 1936, Serial No. 93,543
14 Claims. (Cl. 33—226)



1. In an air borne gyro-compass, a hollow spherical member forming the rotor bearing casing, a rotor journaled therein, a vertical ring, an air borne spherical bearing under said member and between it and the vertical ring for universally supporting the weight of said member, additional E—W horizontal air bearings coupling said ring and member for movement in unison about the vertical axis, and air borne thrust bearings for supporting said ring for freedom about said vertical axis.

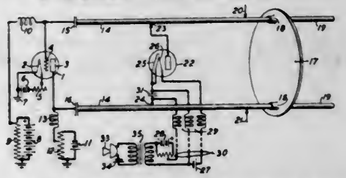
11. In a gyro-compass having a damping device, means for rendering said device inoperative during turning, including a thermostatic element, an electric heating device adjacent thereto, and means for passing an operating current through said heating device for causing said element to render said damping device inoperative on turning of the ship.

2,129,819
DISPENSING CONTAINER
Alfred J. Chamberlain, Wauwatosa, Wis.
Application June 28, 1937, Serial No. 150,709
6 Claims. (Cl. 221—11)



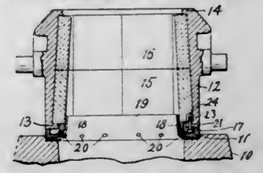
1. A dispensing fitting for containers comprising a nozzle secured to the container and projecting therefrom, said nozzle being generally of oblong form, a spout of generally U-shaped form and comprising spaced side wings and a curved connecting portion at one end of the side wings, means mounting the spout for shiftable movement with respect to the nozzle so that it may be projected therefrom in pouring position or may be disposed within the container, the rearmost portions of the edges of the side wings of the spout being spaced at substantial distance from the rear end of the nozzle whereby to provide an unobstructed venting opening of substantial area through the nozzle and to the rear of the spout in all operative pouring positions of the container.

2,129,820
MODULATION SYSTEM FOR ULTRA-SHORT WAVES
Joseph G. Chaffee, Hackensack, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application July 23, 1936, Serial No. 92,116
3 Claims. (Cl. 179—171)



1. In combination, an electron discharge device having a cathode, an anode and an impedance control element, means for heating the cathode, means for polarizing the impedance control element to a highly positive potential with respect to the cathode, means for polarizing the anode to a potential relatively near to that of the cathode, a Lecher circuit, stopping capacity elements connecting the impedance control element and anode respectively to the two conductors of the Lecher circuit at one end, means for short-circuiting the Lecher circuit at its other end, a second electron discharge device having an anode and a thermionic cathode connected in shunt to the Lecher circuit at a point approximately one-quarter wave-length from the short-circuited end of the Lecher circuit, and means for controlling the impedance between the cathode and anode of the second electron discharge device in accordance with signals.

2,129,821
BOTTOM RING FOR HOT TOPS
Walter M. Charman, Cleveland Heights, Ohio
Application January 28, 1931, Serial No. 511,733
12 Claims. (Cl. 22—147)

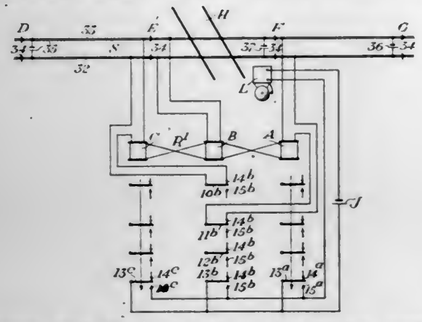


1. In combination, a hot top adapted to rest upon the upper end of an ingot mold, said hot top comprising a metallic casing having a lower ledge for the support of lining members, a metallic member covering the lower end of the casing so as to engage the mold when the hot top is supported thereon, and means for detachably securing said metallic member to said casing.

2,129,822
APPARATUS FOR CONTROLLING HIGHWAY CROSSING SIGNALS
William H. Claus, Downers Grove, Ill., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Original application March 3, 1936, Serial No. 66,835. Divided and this application June 3, 1937, Serial No. 146,237
6 Claims. (Cl. 246—130)

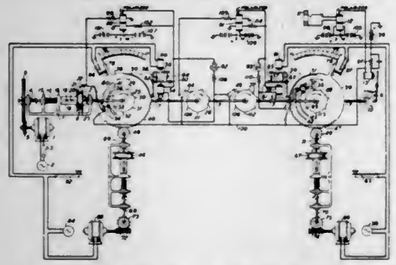
1. In combination, a stretch of railway track divided into first, second, and third consecutive track sections, a highway intersecting said second section, an interlocking relay comprising first,

second, and third armatures controlled by first, second, and third electromagnets, respectively, said armatures being interlocked in such manner that movement of said second armature away from said second electromagnet restricts the subsequent movement of said first and third armatures away from said first and third electromagnets, a source of track circuit current con-



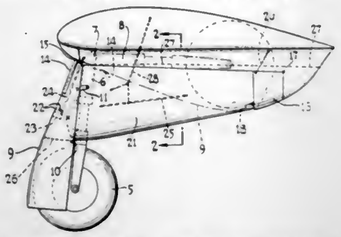
nected with each of said track sections, means for connecting said second magnet with said second section, means for connecting said first and third magnets with said first and third sections when and only when said second magnet is energized, and a highway crossing signal located adjacent the intersection of said highway and said stretch and controlled by said interlocking relay.

2,129,823
DISTORTION INDICATING AND MEASURING DEVICE
Frank Augustus Cowan, New York, N. Y., assignor to American Telephone and Telegraph Company, a corporation of New York
Application October 29, 1936, Serial No. 108,311
5 Claims. (Cl. 178—69)



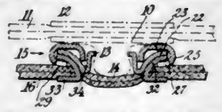
1. A signal distortion indicator comprising a source of signal impulses, a relay responsive to signal impulses from said source, a rotatable member and driving means therefor controlled by said relay and operating in substantial synchronism with the impulses received from said source, circuit closing means on said rotatable member, said member having certain of said circuit closing means equidistant from each other, a plurality of movable contact sets arranged in engageable relation with said certain means, circuits respectively controlled by said movable contact sets, relay devices connected with each of said circuits, and stepping indicating devices controlled by said relay devices arranged to operate in successive steps and lock in each stepped position until a point of maximum distortion is attained only when distortion in excess of a certain value is present in the signals received from said source.

2,129,824
AIRCRAFT STRUCTURE
Alexander P. de Seversky, Asharoken Beach, Northport, N. Y., assignor to Seversky Aircraft Corporation, a corporation of Delaware
Application November 1, 1937, Serial No. 172,156
11 Claims. (Cl. 244—102)



1. In an aircraft, the combination with a structure having a recess in its under side, of a support and a landing wheel carried thereby, said support being attached to the said structure and movable upwardly and rearwardly into the recess, a rigid fairing member carried at the forward side of said support and a collapsible fairing member connected to said rigid fairing member to constitute a streamline-form rearwardly of said rigid fairing member, said collapsible fairing member being retractable into the strut receiving recess when the strut is retracted into said recess.

2,129,825
LAUNDRYPROOF RESILIENT SOCKET
Joseph W. Dews, Waterbury, Conn., assignor to Scovill Manufacturing Company, a corporation of Connecticut
Application April 13, 1938, Serial No. 201,719
8 Claims. (Cl. 24—216)

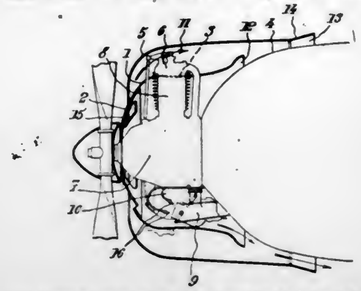


1. A snap fastener socket member comprising a circular series of resilient fingers each provided at its free front end with an internal stud engaging bead, an anvil surrounding such fingers and flaring forwardly and outwardly from their rear ends, and a cap having a shield portion with a front surface lying in a plane spaced forwardly of the free ends of the fingers, an opening in such shield through which the head of a snap fastener stud member may be passed for cooperation with the fingers, and a rim extending rearwardly from the outer margin of the shield portion with its free edge directed inwardly and lying in spaced relation to the rear surfaces of the anvil to define a retaining ring.

2,129,826
FIRE PROTECTING DEVICE FOR AIR COOLED ENGINES
Jean Georges Dintilhac, Paris, France
Application September 29, 1936, Serial No. 103,198
In Belgium October 8, 1935
3 Claims. (Cl. 169—2)

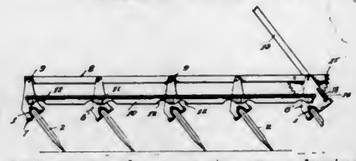
1. In combination, an internal combustion engine having a plurality of cylinders, a hood surrounding at least a part of said cylinders, provided with apertures located opposite at least a portion of said cylinders, for the inflow of cooling air from the atmosphere onto said cylinders,

means for closing said apertures, a carburetor for said engine arranged within the hood, means at the rear of said hood to permit the escape



of air therefrom and to create a low pressure so as to draw air from within said hood when said apertures are closed, and fire extinguishing means within said hood.

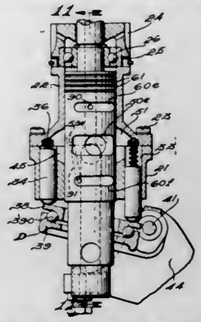
2,129,827
HARROW
Patrick L. Donovan, Peoria, Ill.
Application February 10, 1937, Serial No. 124,995
7 Claims. (Cl. 55—103)



1. A harrow whose parts are adapted to be folded or collapsed, including in its construction an upper and a lower bar substantially parallel to each other, harrow teeth operating levers to which said bars are pivotally connected and normally in spaced relation to each other, a latch-carrying operating hand-lever pivotally mounted on the upper of the bars and lying beside the same in line therewith in the folded or collapsed position of said harrow and operatively connected with the lower bar, and a sector fixed relative to the said upper bar and depending below the upper edge thereof, said sector having a position to receive the latch of the hand-lever when the latter lies alongside and substantially parallels said upper bar.

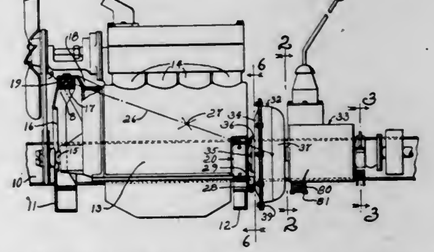
2,129,828
PUMP
William T. Dunn, Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application July 5, 1935, Serial No. 29,777
2 Claims. (Cl. 103—162)

1. In a fluid pump, a substantially vertically disposed stator having axial fluid inlet and delivery conduits respectively formed in the opposite ends thereof, said stator inlet end projecting into a reservoir containing fluid to be pumped, a rotor surrounding said stator coaxially therewith, said rotor having a plurality of cylinders spaced around said axis, pistons in said cylinders respectively, a pivotally supported wabble plate surrounding said stator in engagement with one end of said pistons, said rotor having a plurality of fluid conducting passages respectively opening to said cylinders, said stator having inlet and delivery ports respectively communicating with said stator inlet and delivery conduits, said stator inlet and delivery ports being respectively positioned to successively register with a plurality of said rotor passages during rotation of said rotor, said stator having a fluid conducting passage communicating at one end thereof with said fluid delivery conduit and having its other end disposed to subject said rotor to the pressure of fluid in said passage, means



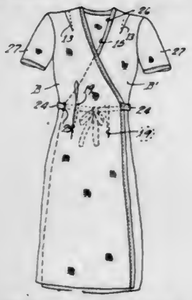
yieldably urging swinging movement of said wabble plate about its pivotal support toward a position inclined with respect to a plane perpendicular to said axis, and means responsive to the pressure of the fluid delivered by said pistons for moving said wabble plate in opposition to said yielding means.

2,129,829
COMBINED MOTOR AND TRANSMISSION MOUNTING
William T. Dunn, Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application December 21, 1935, Serial No. 55,554
6 Claims. (Cl. 180—64)



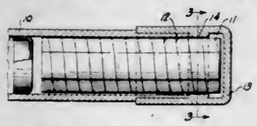
1. The combination of an internal combustion engine unit including an engine portion, a power transmitting portion for applying the torque of said engine portion to a rotative member and a fluid coupling between said engine and transmission portions having axially spaced fluid impelling and fluid impelled elements connected with said engine and transmission portions, respectively, a frame structure, means for mounting said engine unit on said frame structure for oscillation about an axis extending substantially through the center of mass of said engine portion, and means for mounting said power transmitting portion for oscillation relative to said frame structure about a different axis and including a bearing member in said fluid coupling substantially radially aligned with the space between said fluid impelling and fluid impelled elements and a yieldable mounting member interposed between said frame structure and a part of said transmission portion remote from said bearing.

2,129,830
WRAP-AROUND DRESS
Grace D. Durocher, St. Louis, Mo., assignor to Forest City Manufacturing Company, St. Louis, Mo., a corporation of Missouri
Application June 29, 1936, Serial No. 87,856
6 Claims. (Cl. 2—74)



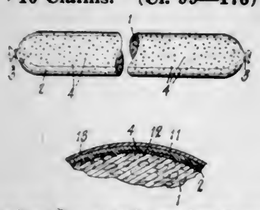
1. In a feminine dress-garment, in combination, a back panel, a front panel attached at side and shoulder seams to the back panel, the width of the material for the shoulder seam of the front panel being in excess of the width of the material for the same seam of the back panel, and the excess material being folded into the shoulder seam as an unstitched tuck to provide a bust-receptive fullness in the front panel therebelow.

2,129,831
ERASER HOLDER
Arthur S. Dysart, Farmington, Conn.
Application May 13, 1937, Serial No. 142,410
4 Claims. (Cl. 120—36)



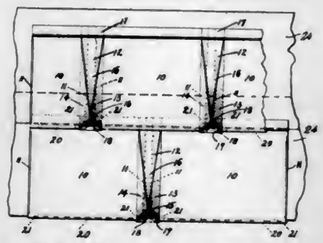
1. An eraser holder comprising in combination, a casing having a screw threaded portion therein, an eraser extending within an end thereof and engaging said screw threaded portion, a cap fitting over the end of said casing and eraser, and means on said cap engaging said eraser, whereby said eraser may be advanced along said screw threaded portion.

2,129,832
MEAT PACKAGE
Henry Carl Eckrich and Herman J. Eckrich, Sr., Fort Wayne, Ind., assignors to Peter Eckrich & Sons, Inc., Kalamazoo, Mich., a corporation of Indiana
Application August 18, 1937, Serial No. 159,668
10 Claims. (Cl. 99—176)



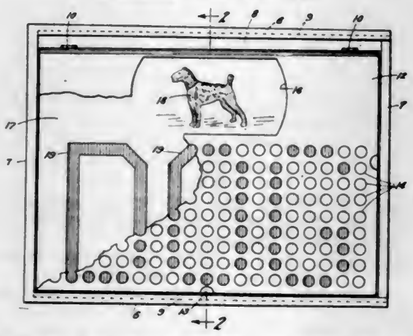
10. A casing for meat products comprising a perforated liner, a continuous intermediate dip sealing coating for the fibrous casing comprising water, gelatin and an edible fatty material which is solid at atmospheric temperature homogeneously mixed and having a consistency approximately that of the white of a boiled egg, and an outer covering.

2,129,833
ROOF
Donald F. Fradette, Cleveland, Ohio
Application February 17, 1937, Serial No. 126,181
3 Claims. (Cl. 108—17)



1. A roof structure consisting of a suitable asphaltum conventional water-proof base material of a length equal to a plurality of spaced metal plates, metal plates longitudinally spaced thereabove, an upstanding flange on each end of each plate extending partly thereacross, a metallic breaker strip straddling the contiguous flanges on adjacent plates and having a top surface of a rib on the breaker strip maintained at a substantial elevation above the level of the plates whereby the velocity of snow and ice caused to travel by gravity is retarded in the direction of its movement.

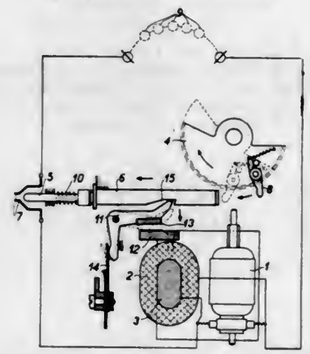
2,129,834
SPELLING BOARD
Alfred Funk, Cincinnati, Ohio
Application June 5, 1937, Serial No. 146,534
5 Claims. (Cl. 35—35)



1. In an instruction device, the combination of a plain back board having a solid face, a peg board having multiple rows of peg holes extending through the peg board, said peg board being placeable flatwise upon the back board with a figure-bearing sheet interposed between said boards, the figures of said sheet being colored and applied thereto at a location such as to be visible through certain holes of the peg board, said holes being sufficiently large and their spacing proportioned to insure ready visibility of parts of said figures, and pegs to be inserted in such ones of the peg holes as are contrasted with the

others by reason of the presence of the colored figures, the figure-bearing sheet being supported flatwise and directly upon the plain back board to preclude puncture of the sheet by the insertion of pegs in the peg board holes.

2,129,835
ELECTRIC SHOT-FIRING MACHINE
Konrad Schaffler-Glössl, Vienna, Austria
Application May 5, 1937, Serial No. 140,870
In Austria April 15, 1937
6 Claims. (Cl. 171—76)



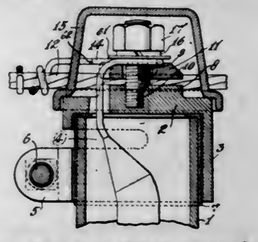
1. In a dynamo-electric shot-firing machine the combination with an igniting circuit including a charge igniting device, of an electric current generator in said igniting circuit, spaced contacts in said circuit, means for momentarily bridging said contacts and thereby closing said circuit, means for operating said generator having associated therewith means for imparting an operating impulse of predetermined extremely short duration to said circuit-closing means, a detaining contrivance normally arrestingly engaging in said impelling means and operatively responsive to the strength of the magnetic field of said generator to release said impelling means only when the strength of said magnetic field reaches a predetermined value.

2,129,836
COSMETIC CREAM BASE
Herman Goodman, New York, N. Y., assignor to Cosmetic Research, Inc., New York, N. Y., a corporation of New York
No Drawing. Application July 2, 1936, Serial No. 88,596
3 Claims. (Cl. 167—91)

2. A cosmetic composition consisting of the reaction product of a fatty acid and an ethanolamine, mixed with an unsaponifiable oily material, in proportions to produce a solid cake which is solid at and above ordinary temperatures, and is substantially anhydrous, and which is adapted to be blended with water to produce a smooth cosmetic cream.

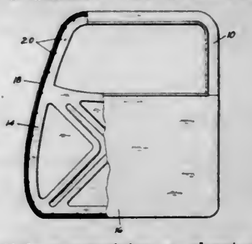
2,129,837
PARKWAY CABLE OUTLET
Godfrey Gort, Chicago, Ill., assignor to Western Railroad Supply Company, Chicago, Ill.
Application August 4, 1937, Serial No. 157,289
6 Claims. (Cl. 247—1)

1. In a parkway cable outlet including a hollow member having an opening therefrom and carrying the cable and a fitting adapted to be secured to said hollow member over said opening; said fitting having an upwardly extending stud forming substantially an integral part of the fitting, said fitting also having a hole therein through which the parkway cable passes, clamping means for fastening the parkway cable and other cooperating cables to each other and to the stud, a part of said clamping means comprising a member having a hole to receive the stud and having cable-receiving grooves on at



least one side, also a parkway cable hole intermediate one edge and the stud hole and in substantial alignment with the parkway cable hole in the fitting, said member being split through said parkway cable hole and having a bolt hole at right angles to the split, and a bolt going through the last-mentioned hole to draw the split portions together to grip the parkway cable, a cap completely covering the stud and said clamping means, and means for fastening the cap near its rim to said fitting.

2,129,838
AUTOMOBILE PANEL
Clayton C. Harrah, Niles, Mich., assignor to National Standard Company, Niles, Mich., a corporation of Michigan
Application November 18, 1936, Serial No. 111,380
6 Claims. (Cl. 296—44)



1. An article comprising a sheet-metal backing having secured thereto at intervals a wire fabric consisting of a tape of wires braided diagonally over and under each other and each extending for the full length of the tape and which tape is secured to said backing at its ends, non-metallic material overlying said tape, and fastenings engaging said non-metallic material and interlocked with the wires of said tape and securing said material to said backing.

2,129,839
CONTAINER
Douglas Henderson, Toronto, Ontario, Canada
Application August 14, 1937, Serial No. 159,076
4 Claims. (Cl. 221—60)

1. In a container, the combination of a tubular body of paper or paper-like material, having an annular inwardly directed flange at its outlet end; and a top of rigid material for said outlet end, said top comprising separate inner and outer

members slidably movable relative to one another in a direction longitudinally of the body and between which the said flange is clamped, said mem-



bers frictionally engaging one another and normally tending to resist separation, the exterior diameter of the inner member being the same as the interior diameter of the body.

2,129,840

HEAT-RESISTING OBJECT CONTAINING IRON AND ALUMINUM

Werner Hessenbruch, Hanau-on-the-Main, Germany

No Drawing. Application September 5, 1936, Serial No. 99,620. In Germany September 24, 1935

8 Claims. (Cl. 148—7)

1. The method of increasing the resistance to heat of objects made of a ferritic alloy containing iron and aluminum which method comprises subjecting the objects to the action of an alkaline solution of the group of sodium carbonate solution, lime water, baryta water, and caustic soda solution, removing the objects from the alkaline solution and drying in the remaining alkaline constituents.

2,129,841

COLORED SILICATE COATING

Carl E. Hillers, Charlottesville, Va., assignor to Blue Ridge Slate Corporation, Charlottesville, Va., a corporation of Virginia

No Drawing. Application March 21, 1935, Serial No. 12,255

8 Claims. (Cl. 91—70)

1. The process of coating granules of refractory material comprising the following steps: mixing together sodium silicate and chrome oxide to produce a roughly dispersed paint, mixing together the paint, the granules and powdered boric acid, and heating the coated granules.

2,129,842

PROCESS AND APPARATUS FOR THE PRODUCTION OF FLAT BAGS

Charles Holweg, Strasbourg, France, assignor to Ateliers de Constructions Mecaniques C. & A. Holweg, Strasbourg, France, a society of France

Application May 17, 1935, Serial No. 21,952

In Germany June 26, 1934

11 Claims. (Cl. 93—18)

1. An apparatus for manufacturing paper bags from a continuously moving paper web comprising a device for transversely perforating the web, a tube-forming device, drawing rolls for the tube, and rotative bottom-forming means operating at higher peripheral speed than said drawing rolls effective to separate a tube section by ad-



vancing it at a higher linear speed than the remainder of the tube.

2,129,843

DENTAL OR LIKE DRILL

Heinz Hollmann, Dortmund, Germany

Application July 17, 1935, Serial No. 31,763

In Germany July 26, 1934

4 Claims. (Cl. 32—48)



1. A dental drill comprising a drill head and a shaft, a plurality of spaced cutting members extending radially from said drill head, the cutting edges of said cutting members being successively offset in a longitudinal direction relative to one another, pairs of successive cutting edges being spaced at different distances from the axis of said drill head whereby said cutting members will operate collectively as a two-edged drill performing a single cutting operation.

2,129,844

METHOD OF MAKING BEARING AND GASKET MATERIAL

Edwin F. Kiefer, Cleveland, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

No Drawing. Application July 21, 1934, Serial No. 736,344

7 Claims. (Cl. 75—22)

1. A method of making a porous structure comprising the steps of mixing an unalloyed finely divided oxide of copper with an ammoniacal salt; molding the mixture to a desired shape; and sintering the molded ingredients to form a porous mass of substantially pure copper.

2,129,845

ELECTRIC WELDING MACHINE

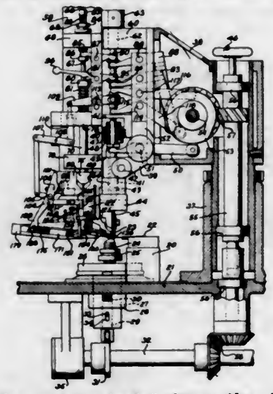
Thomas M. King, Hinsdale, and Ladislav Stastney, Cicero, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application September 11, 1936, Serial No. 100,266

10 Claims. (Cl. 140—144)

1. In an apparatus for severing and feeding strand material, a pivot, a pair of elongated jaws mounted on the pivot with the pivot at one end of the jaws, means for advancing the strand material intermittently between the unpivoted ends of the jaws in their normal position, means for moving the jaws on the pivot to a second position to cut the advanced material, means for clamping the jaws against the cut portion of the

material, means for moving the jaws and the cut material to a third position, and means for re-



moving the cut material from the jaws in the third position.

2,129,846

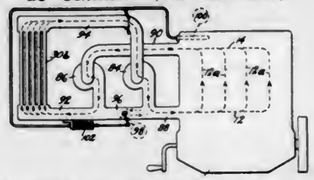
COOLING SYSTEM FOR INTERNAL COMBUSTION ENGINES

Günther Knochenhauer, Lidingo, Sweden, assignor to Aktiebolaget Spontan, Stockholm, Sweden, a corporation of Sweden

Application April 5, 1935, Serial No. 14,731

In Germany April 9, 1934

15 Claims. (Cl. 123—174)



5. In a closed cooling system for internal combustion engines, a pump having an inlet and an outlet, means providing jacket space for circulation of cooling fluid through the engine, said jacket space having an inlet and an outlet, a radiator having an inlet and an outlet, a connection providing direct communication between the outlet of said pump and the inlet of said jacket space, a connection providing direct communication between the outlet of said pump and the inlet of said radiator, a connection providing direct communication between the outlet of said jacket space and the inlet of said pump, and a connection providing direct communication between the outlet of said radiator and the inlet of said pump, the two last mentioned connections having separate outlets located closely adjacent to the inlet of the pumping element of the pump.

2,129,847

WINDING ROLL FILM

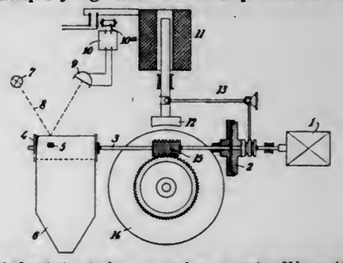
Adolf Knodel, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York

Application September 15, 1933, Serial No. 689,675

In Germany September 17, 1932

1 Claim. (Cl. 242—57)

An apparatus for winding roll film which comprises in combination a spindle, means for driving said spindle, a clutch connecting one end of said spindle with said driving means, a spool put on the other end of said spindle, a paper strip secured to said spool and bearing marks, a disk, a gearing rotatably connecting said spindle with said disk, an electromagnet, a magnet keeper extending with one end into said electromagnet, the other end being provided with a brake shoe, a lever connecting said keeper with said clutch, a source of light projecting a beam of light on said paper strip, a photoelectric tube receiving said beam of light reflected by said paper strip, an amplifier connected with said photoelectric tube amplifying the current produced by said



phototelectric tube, a relay controlling the supply of a current to said electromagnet, said paper strip controlling by said beam of light said photoelectric tube and in consequence said relay and said electromagnet, so that said keeper is moved into the interior of said electromagnet when said beam of light strikes said paper strip and falls down when said beam of light strikes said marks thus bringing the clutch into its inoperative position and the brake shoe into its operative position and vice versa.

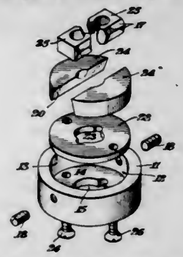
2,129,848

INTERCHANGEABLE DIE COLLET

Karl A. Kuhn, Greenfield, Mass., assignor to Greenfield Tap and Die Corporation, a corporation of Massachusetts

Application July 23, 1937, Serial No. 155,162

5 Claims. (Cl. 10—116)



1. A die collet comprising a body having a die receiving recess and an interchangeable die-holding unit in the recess, said unit comprising a removable die seat in the bottom of the recess, a die clamp member on the seat at one side of the recess, a separable cooperating die clamp member above the seat at the opposite side of the recess, and means for holding said members and seat in die-holding position in the recess.

2,129,849

ELECTRON DISCHARGE DEVICE

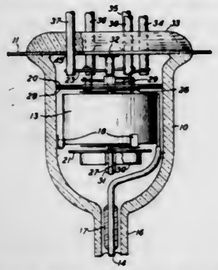
Joseph P. Laico, Brooklyn, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application February 4, 1936, Serial No. 62,264

6 Claims. (Cl. 250—27.5)

6. An electron discharge device comprising a vitreous shell open at one end, an internal electrode supported thereby, an apertured disc sealed

to the open end of said shell, a plurality of electrodes within said internal electrode, conductors for said electrodes extending through said aper-



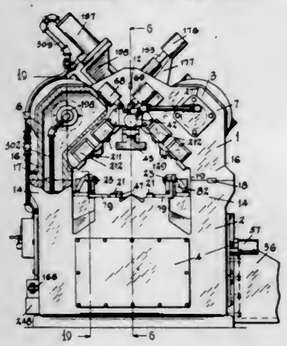
tured disc, and a layer of vitreous material engaging the external surface of said disc, said layer embracing and supporting said conductors.

2,129,850

SURFACE BROACHING MACHINE

Francis J. Lapointe, Ann Arbor, Mich.

Application February 17, 1936, Serial No. 64,232
16 Claims. (Cl. 90—33)



1. A machine for broach-cutting articles, an article supporting means, a broach, a broach supporting means, an actuating means for moving the article to the said article supporting means, an actuating means for locating the article in a predetermined position with respect to the article supporting means, an actuating means for moving the article and the article supporting means to locate the article in a broach-cutting position, an article engaging means, a support actuating means controlled by the article engaging means for moving one supporting means relative to the other supporting means and lengthwise the broach to produce progressive broach-cutting of the article, and means operated by the support actuating means for causing the return of the said actuating means upon completion of the broach-cutting of the article.

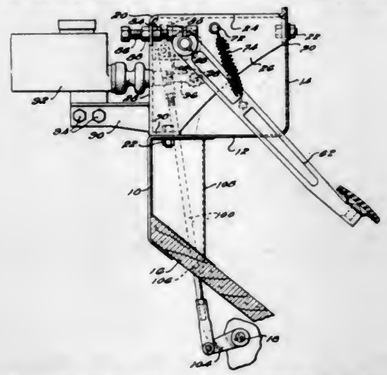
2,129,851

AUTOMOBILE CONTROL MECHANISM

Roger K. Lee, Highland Park, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware

Application November 27, 1936, Serial No. 112,870
5 Claims. (Cl. 180—77)

1. Automobile control mechanism comprising a boxlike bracket having a back wall and side walls, a shaft journaled in the side walls of said bracket, a brake pedal journaled on said shaft between the side walls of said bracket, a clutch pedal fixed to said shaft at one end thereof, a clutch connecting link secured to the opposite end of said shaft, a hydraulic brake cylinder se-



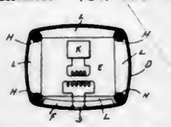
cured to the back wall of said bracket, a connection between said brake cylinder and said brake pedal, adjustable stops for said pedals carried by the said back wall, and means for detachably securing said bracket to a support.

2,129,852

ANTENNA FOR AN AIRPLANE WITH A METALLIC BODY

August Leib, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application February 1, 1935, Serial No. 4,465
In Germany January 3, 1934
5 Claims. (Cl. 250—33)



1. In an antenna system for aircraft comprising an airplane having a metallic body, an antenna formed from substantially the rear half portion of said metallic body whose cross-section forms a loop, an insulating member electrically subdividing substantially the rear half of the metallic body from the other half, said rear half portion of the metallic body having a longitudinal slot located at right angles to said insulating member.

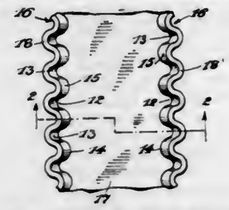
2,129,853

CONVEYER BELT

Adolf Loges, Hanover, Germany, assignor to Continental Gummi-Werke A.-G., Hanover, Germany, a corporation of Germany

Application May 9, 1936, Serial No. 78,866
In Germany May 11, 1935
4 Claims. (Cl. 198—201)

1. A conveyer belt comprising an endless strip flat in transverse bottom section and having corrugated side edges comprising marginal peaks and valleys, side walls each consisting of corrugations extending from the top to the bottom thereof, the inner peaks of the side wall corrugations engaging the valleys of the side edges, and the inner valleys of the side wall corrugations engaging the peaks of the side edges, the outer surfaces of the peaks and valleys of the side walls extending from the top of the side walls to the under surface of the bottom section, both the bottom section and side



walls forming continuous corrugations in the longitudinal direction of the belt, and laterally thereof.

2,129,854

MANUFACTURE OF LEATHER

Gustav Mauthe and Hermann Noerr, Leverkusen-I. G. Werk, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application November 21, 1935, Serial No. 50,989. In Germany November 28, 1934
9 Claims. (Cl. 149—5)

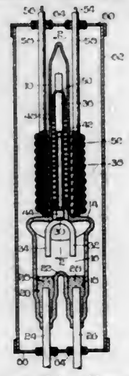
1. In the process of tanning with zirconium salts, the modification which comprises applying to the leather, during or after tannage, a solution having incorporated therein a non-tanning compound containing an aromatic nucleus selected from the group consisting of watersoluble carboxylic and sulphonic acids and watersoluble salts of carboxylic and sulphonic acids.

2,129,855

RELAY

Oran T. McIlvaine, St. Charles, Ill., assignor to McIlvaine Patent Corporation, St. Charles, Ill., a corporation of Delaware

Application October 28, 1935, Serial No. 47,043
4 Claims. (Cl. 200—111)



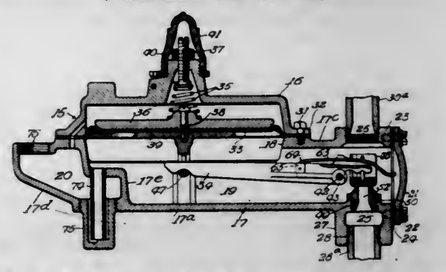
1. In a relay, in combination: a vertical bridge having its bight uppermost and its legs projecting downward; an actuating plunger extending vertically upward from said bridge and integrally united therewith; a helical compression spring encircling said plunger and normally holding said plunger and bridge elevated and the relay open; said plunger being built up of an upper portion of magnetic material and a lower portion of non-magnetic material; an annular solenoid winding adjacent said non-magnetic plunger portion for attracting the magnetic plunger portion to move into the position normally occupied by the non-magnetic plunger portion and close said relay; a hermetically sealed non-conducting enclosing shell comprising a tubular portion telescoped in said solenoid and housing said plunger and spring, a spring abutment shoulder near the bottom of said tubular portion, an outwardly extending flange underlying said solenoid, a bridged chamber below said flange, and spaced wells at the bottom of said chamber for receiving said legs; said chamber being flattened to guide said legs into said wells; lead conductors for the controlled circuit entering the bottoms of said wells; lead conductors for the controlling circuit extending up from said solenoid; a sheet metal casing enclosing said shell and spaced therefrom throughout; insulating bushings for said leads in the top and bottom of said casing; a filling of mercury in said wells; a filling of hydrogen at more than atmospheric pressure occupying the rest of the space inside said shell; and a filling of solid insulating material congealed inside said casing and affording mechanical support and protection to said shell; said shell being shaped throughout so that the mercury filling for the wells can drain back into the wells from any portion of the shell.

2,129,856

PRESSURE REGULATOR

Garnet W. McKee, Rockford, Ill.

Application June 22, 1936, Serial No. 86,483
7 Claims. (Cl. 50—26)



1. In a pressure regulator comprising a casing having in one portion thereof a diaphragm adapted to fluctuate in response to changes in pressure within the casing, and having in another portion thereof an inlet for gas under pressure and a gas outlet directly opposite to the inlet, the combination of means forming a valve seat around the inner end of the inlet, a valve for controlling the flow of gas into the casing, disposed between the inlet and outlet and in spaced relation with respect to the interior surfaces of the casing and having a seat engaging face disposed directly opposite to the valve seat and adapted to have the gas strike thereagainst and also having a substantially continuous side face centrally positioned with respect to, and of less width than, the gas outlet, a lever for moving the valve in response to fluctuation of the diaphragm to and from the valve seat in order to regulate or control the pressure of the gas flowing out of the casing via the outlet, centrally fulcrumed in the casing and having one end thereof connected to the valve and its other end connected to the diaphragm so that it operates to open the valve when the diaphragm fluctuates in one direction as the result of a decrease in pressure within the casing, means for causing the gas after striking against the seat engaging face of the valve to flow in a thin tubular stream around the side face of the valve and then to pass by said one end of the lever and directly

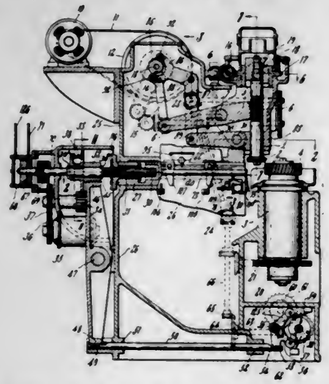
into the outlet in such manner as to create adjacent to the inner end of the outlet a jet action which increases in magnitude as the rate of flow of gas into the outlet increases and effects a corresponding diminution or decrease of pressure of the gas in the chamber, and means for guiding the portion of the tubular stream that would normally impinge against the valve carrying end of the lever and flow towards the diaphragm away from said valve carrying end of the lever prior to impingement thereagainst and thence into the outlet.

2,129,857
SHOE HANGER
Radley Metzger, New York, N. Y.
Application December 31, 1936, Serial No. 118,521
3 Claims. (Cl. 248—95)



1. In a device of the class described, a flexible body, a flexible strip of material attached by three of its sides across the top of said body with its bottom side free forming a pocket having an open bottom side, a hanger for supporting said body and comprising a stiffening element engageable into said pocket through said open bottom and a hook element extending from said pocket through an opening in the top thereof, and means for releasably holding said element against accidental displacement and so that it may be removed from said pocket when desired while permitting said body to be easily folded or laundered.

2,129,858
GEAR GENERATING MACHINE
Edward W. Miller, Springfield, Vt., assignor to The Fellows Gear Shaper Company, Springfield, Vt., a corporation of Vermont
Application July 3, 1934, Serial No. 733,592
39 Claims. (Cl. 90—9)



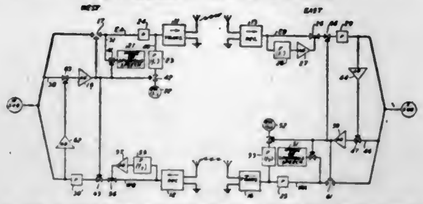
1. A gear generating machine comprising a base, a bed movably mounted on said base, a work holder and a cutter spindle, one of which is mounted on the base and the other on the bed, a screw in threaded connection with the bed, a bodily shiftable abutment for said screw, a depth feed cam in movement transmitting connection with said abutment, an electric motor in rotation-transmitting connection with said screw, and controlling means for causing said motor to rotate the screw in alternately opposite directions before commencement, and after completion, respectively, of the gear generating cycle.

39. In a gear shaping machine having a base, a bed movable on said base, and cutter and work spindles, one of which is mounted on the bed and the other on the base, a depth feed cam mounted on the base, transmission means between said cam and bed for imparting motion to the bed, and a reversing element in said transmission means shiftable to cause such motion to be imparted in one direction or the opposite direction.

2,129,859
PROCESS OF MAKING FONDANT
Carl S. Miner, Chicago, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application January 16, 1936, Serial No. 59,409
8 Claims. (Cl. 99—134)

1. Process of making a fondant-like compound which comprises mixing with anhydrous dextrose a quantity of water sufficient for the hydration of the dextrose but insufficient to form a solution of all of the dextrose and beating the mixture until a fondant-like compound is produced.

2,129,860
PRIVACY SYSTEM
Doren Mitchell, Bound Brook, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 15, 1937, Serial No. 142,816
23 Claims. (Cl. 179—1.5)

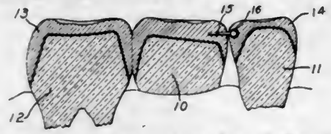


1. In a speech transmission system including a transmitter, a receiver, and a channel between said transmitter and said receiver, the method of maintaining secrecy during the transmission of speech from said transmitter to said receiver which comprises impressing noise on the transmission channel during each pause in the speech whereby a practically continuous train of sounds is produced on the channel comprising periods of speech and periods of noise following one another in close succession.

2,129,861
LOCK-PIN CONSTRUCTION FOR FIXED BRIDGEWORK
Charles Dale Morton, Greenfield, Ind.
Application December 16, 1936, Serial No. 116,152
2 Claims. (Cl. 32—6)

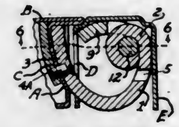
1. In a method of preparing a dental bridge between two teeth those steps which comprise forming a wax pattern for one tooth attachment, coating a ball end of a pin with a metal anti-flux to a fixed clearance thickness, warming the end and inserting it into the wax, working over the outside of the ball down to the pin, investing and

casting the attachment about said ball end to have said pin extending therefrom in a rockable



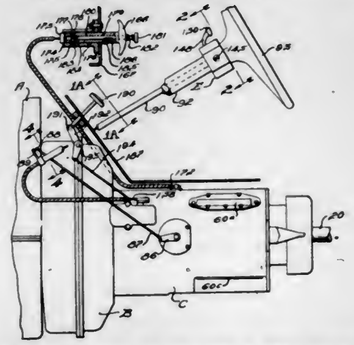
manner and washing out said anti-flux to leave said clearance.

2,129,862
CONCEALED HINGE FOR MOTOR VEHICLE BODIES
Valere M. Naert, Detroit, Mich.
Application June 1, 1936, Serial No. 82,896
2 Claims. (Cl. 16—135)



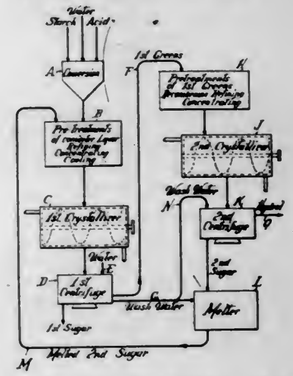
2. A hinge comprising a jamb engaging member and a door engaging member pivoted along one side to a side of the jamb engaging member, said members being curved transversely and having their lines of curvature extending conjointly in a spiral path with the jamb engaging member disposed between side portions of the door engaging member whereby the door engaging member is disposed in straddling relation to the jamb engaging member and may have swinging movement about the jamb engaging member transversely thereof.

2,129,863
POWER TRANSMISSION
Carl A. Neracher, Detroit, and Teno Iavelli, Dearborn, Mich., assignors to Chrysler Corporation, Detroit, Mich., a corporation of Delaware
Application November 14, 1934, Serial No. 752,948
46 Claims. (Cl. 74—262)



1. In a motor vehicle planetary gear transmission having a plurality of speed ratio controlling braking devices, means operably associated with each of said controlling braking devices for actuating said braking devices, an adjustable operating element adapted for selective operative connection with said actuating means for applying braking force selectively to said controlling braking devices, means for mounting said operating element for reciprocation along and for rotation about a common axis, manually operated means for selectively rotatably adjusting said operating element, a plurality of prime mover power operating means, one of which includes a spring, for actuating said operating element in its opposite directions of reciprocatory movement respectively, and manually operated means for controlling the operation of each of said power operating means.

2,129,864
PROCESS OF CRYSTALLIZING DEXTROSE
William B. Newkirk, Western Springs, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y., a corporation of New Jersey
Application June 4, 1937, Serial No. 146,421
3 Claims. (Cl. 127—62)

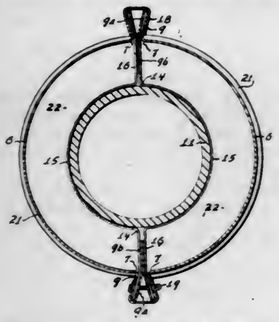


3. Process for the production of crystalline dextrose which comprises: crystallizing a dextrose solution; centrifuging the massecuite to receive most of the mother liquor; introducing into the centrifugal machine fresh water to remove the residual impurities; subjecting the mother liquor from the first named crystallization to a second crystallizing operation; centrifuging this massecuite to remove most of its mother liquor; introducing into the centrifugal machine liquid from the fresh water washing operation in the first centrifuging operation, which is substantially supersaturated as to dextrose and has a higher purity than the residual mother liquor of the second massecuite, to displace said residual mother liquor; and melting the dextrose from the second centrifuging operation and using the same, mixed with fresh dextrose solution, for another crystallizing operation as the process is continued.

2,129,865
PIPE COVERING
Charles L. Newport and Herbert C. Smith, Los Angeles, Calif.
Application May 11, 1936, Serial No. 79,194
3 Claims. (Cl. 154—44)

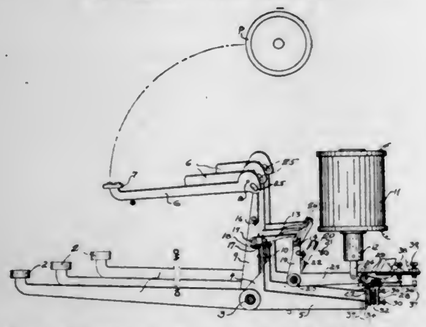
1. A pipe covering comprising two semicircular shells abutting at their longitudinal edges flanges, one for and coextensive of each edge of each segment; corresponding of the covering flanges diverging from each other outwardly at an unchanging angle to form a corresponding V the median line of which is radial to the pipe covering, and a pair of channels of constantly decreasing width toward their open ends; one channel for and slidable over each pair of diverging flanges to hold same in closer than normal angularity to thereby hold the edges of shells in compressive abutment; each flange being of

U cross section with their open ends all directed toward the center of the covering, and for each shell a sheet of metal screening inserted in the U space of one flange thence extending radially inward of the covering a distance equal to the



thickness of insulation required, then extending semi-circumferentially of the covering concentric to the corresponding shell, thence turning and extending radially to and into the U space of the other corresponding flange.

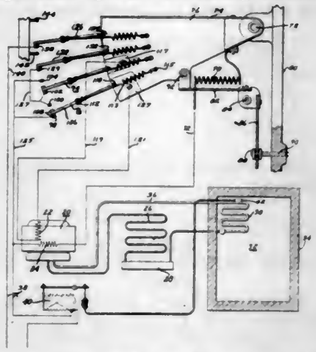
2,129,866
TYPEWRITER MECHANISM
Herbert E. Page, Syracuse, N. Y.
Application October 8, 1936, Serial No. 104,671
18 Claims. (Cl. 197—14)



8. In a typewriter mechanism, a plurality of key levers and type bars corresponding thereto, a normally idle motor including a movable member, motion transmitting connections operated thereby for actuating the type bar corresponding to the key lever operated, and control means operated by the key levers for progressively energizing the motor as the key levers are depressed.

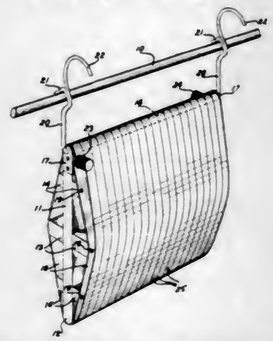
2,129,867
REFRIGERATING APPARATUS
George C. Pearce, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application February 28, 1935, Serial No. 8,633
9 Claims. (Cl. 230—24)

6. An electric motor-compressor unit, a movable actuating element energized by electric energy flowing through the electric motor, means operated by said actuating element when moved to one position for unloading the compressor, means operated by said actuating element when moved to a second position for operating the motor-compressor unit in a loaded condition, and means operated by said actuating element when



moved to a third position for completely deenergizing the electric motor.

2,129,868
ARTICLE SUPPORTING RACK FOR PLATING
Albert Pearson, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application October 3, 1936, Serial No. 103,872
3 Claims. (Cl. 204—5)

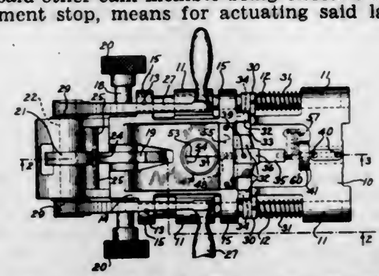


1. A plating rack for metal strip comprising a frame of non-conducting material, an elongated member made of conducting material mounted on the frame, a sheet of insulating material mounted on the frame with its ends abutting against the conducting member for receiving the metal strip, a clamp mounted on the frame for securing one end of the strip, a second clamp on the frame for engaging the other end of the strip and holding the strip in close contact with the insulating sheet and the conducting member, and means for conducting plating current to the conducting member.

2,129,869
ARTICLE ASSEMBLING FIXTURE
Harold S. Pike, Fanwood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application June 27, 1936, Serial No. 87,694
6 Claims. (Cl. 29—89)

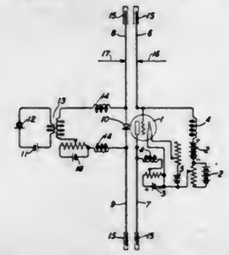
2. In a fixture for assembling a plurality of elements under a desired pressure, movable and stationary clamping members, rotary cam members, one of said cam members being bodily movable with said movable member and operatively associated with said other cam member which is

axially fixed with respect to said stationary member, means for actuating said bodily movable cam member and thereby said movable member to clamp an assembly against said stationary member, said other cam member being effective as an abutment stop, means for actuating said latter



cam member to cause further movement of said bodily movable cam member and thereby said movable member to apply additional pressure to the assembly, and means responsive to the movement of said movable member during the application of pressure to the assembly for indicating the amount of pressure applied.

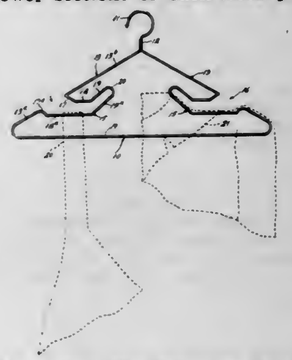
2,129,870
AMPLITUDE MODULATION SYSTEM
Alois J. Rack, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 30, 1936, Serial No. 118,281
6 Claims. (Cl. 179—171)



2. A Lecher system comprising two parallel conductors resonant at a desired oscillation frequency, an electric discharge amplifier having a cathode, an anode, and an impedance control element, means for polarizing the anode and impedance control element with respect to the cathode, one of the Lecher conductors comprising two separate portions, means for connecting the anode to one portion of the Lecher conductor and the impedance control element to the other to cause the amplifier to generate oscillations of the frequency of the Lecher circuit, means to mismatch the impedance of the amplifier with respect to the impedance of the Lecher circuit, and means to vary the impedance of the Lecher circuit to modulate the amplitude of the oscillations produced.

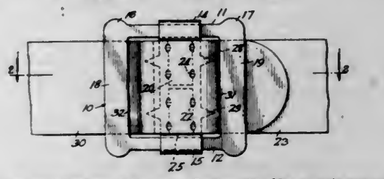
2,129,871
GARMENT HANGER
Arthur Dixon Reed, Kirksey, Ky.
Application October 27, 1936, Serial No. 107,808
3 Claims. (Cl. 223—88)

1. A garment hanger formed of wire bent into a triangular form and including a hook at its upper end, said form providing inclined shoulder supporting bars and a lower cross support bar, the wire forming the inclined shoulder bars being bent to provide reentrant open hook shaped portions arranged in opposed relation and in the plane of the triangular form, each hook shaped portion comprising an upper and lower section joined together at their innermost ends with the inner end portion of each hook shaped portion being inclined substantially in a direction towards the hanger hook and the outer ends of said upper and lower sections of each hook portion at



their juncture with said shoulder bars defining an opening intermediate the ends of said shoulder supporting bars, whereby the shoulder straps of a garment may be inserted laterally through said shoulder bars into said reentrant hook shaped portions to be supported by an intermediate portion of said lower sections of each hook portion which are arranged parallel to said cross support bar.

2,129,872
SLIDE BUCKLE
Daniel I. Reiter, New York, N. Y.
Application May 3, 1938, Serial No. 205,673
5 Claims. (Cl. 24—196)

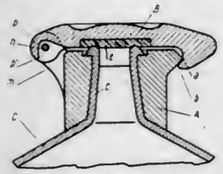


1. In a slide buckle, a substantially rectangular frame and a cross bar slidable on said frame, said cross bar comprising a body portion having spaced recesses therein, end portions on the cross bar embracing and slidable on the frame, and a belt-holding plate extending from each of the end portions and arranged in opposed relation to the body portion, each of said plates extending less than half way across said frame and being bendable toward the body portion, and prongs on each of the plates each adapted to enter a recess of the body portion when the plate is bent towards the body portion.

2,129,873
CLOSURE FOR COLLAPSIBLE TUBES
Cesare Romati and Lorenzo Lanzetti, Turin, Italy
Application May 20, 1937, Serial No. 143,793
In Italy October 7, 1936
3 Claims. (Cl. 221—60)

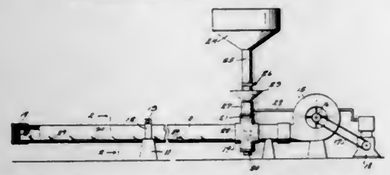
1. A collapsible tube comprising a top piece, a closure cap of rigid material, releasable fastening projections on said top piece and cap, a pivot of resilient material by means of which the cap is

hinged to said top piece and the projections are held in fastened position, the cap being slightly displaceable perpendicularly to the hinge axis



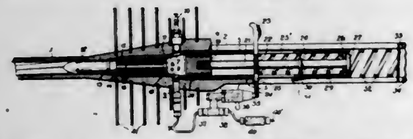
against the tension of the pivot the resiliency of which is sufficient to permit swinging of the cap in and out of the released position without deformation of the cap.

2,129,874
DRY CONCENTRATOR
John Ross, Custer, S. Dak.
Application April 8, 1937, Serial No. 135,775
3 Claims. (Cl. 209—477)



2. A dry concentrator of the character described, including a concentrating tube having a series of forwardly inclined baffles disposed at spaced distances in the bottom of the tube, means for rotatably supporting the tube whereby it may be turned through a half-circle, a blower discharging into the rear end of the tube, a feed pipe discharging into the rear end of the tube, and a cleanout opening at the rear end of the tube, the concentrating tube being upwardly inclined towards its forward end whereby when the concentrating tube is inverted and the cleanout opening is opened, the concentrate will fall to the bottom of the concentrating tube and may be washed out of the cleanout opening.

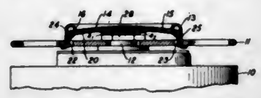
2,129,875
AMMUNITION AND FIREARM
Helge Rost, Mexico, D. F., Mexico
Application May 25, 1935, Serial No. 23,412
21 Claims. (Cl. 89—7)



1. The combination with a firearm comprising a closed chamber and a combustible in said chamber, of a cartridge disposed inside the firearm and comprising an oxygen liberating compound, and means for combining the latter with the combustible inside the firearm to produce explosion.

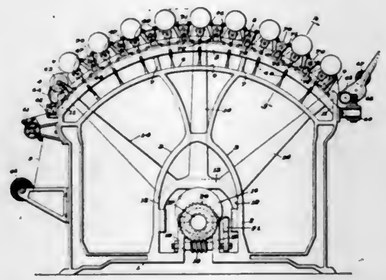
9. A firearm comprising a casing provided with a loading chamber, a barrel supported by the casing, a breech consisting of a hollow cylinder movably disposed in said loading chamber, a piston disposed in said cylinder and movably mounted with respect to the barrel, the forward part of said cylinder forming a combustion chamber.

2,129,876
CARD HOLDER
William Nightingale Rumbold, Santa Clara, Calif., assignor to American Telephone and Telegraph Company, a corporation of New York
Application October 6, 1937, Serial No. 167,643
4 Claims. (Cl. 40—10.5)



1. A card holder for a call transmitter having a shaft, a finger wheel and a nut for securing the finger wheel to the shaft in combination with a frame having an inwardly turned peripheral edge, a transparent element and an instruction card disposed in superposed relation in said frame, and a resilient concavo-convex securing element frictionally engaging said frame, said securing element having resilient portions engaging the securing nut for holding said transparent element and said instruction card in said frame against the inwardly turned edge thereof.

2,129,877
MACHINE FOR NAPPING OR SUEDING TEXTILE FABRICS
Leslie A. Runton, Andover, Mass.
Application October 7, 1936, Serial No. 104,491
8 Claims. (Cl. 26—29)

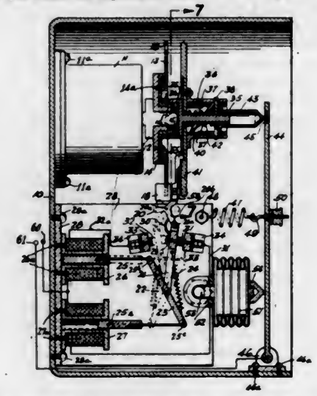


1. A fabric napping machine comprising a number of napping rolls, a bed having a number of spaced raised heads, each head having a socket presenting a curved face and into which sockets of the respective heads segmental parts of the respective rolls fit, means whereby said rolls and bed may be brought into such conjunctive relation that as the fabric is drawn taut through said sockets the rolls will have napping engagement with the fabric as the rolls are rotated, and means including mechanism adjacent said heads for dragging the fabric taut over said heads and through said sockets.

2,129,878
ELECTRIC TIME CLOCK AND THERMOSTATIC DIAL FOR SAME
William Sambur and Abraham Nissenfeld, Jamaica, N. Y.
Application April 9, 1935, Serial No. 15,358
19 Claims. (Cl. 200—139)

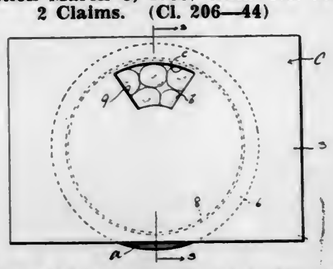
1. An electric circuit making and breaking device consisting of a timing unit, dials attached to shaft of same, contacting tabs radially placed about the circumference of said dials, a rocker arm that engages said contacting tabs causing an

electric circuit to operate, means to utilize said electric circuit to operate a switching mechanism



and to move said rocker arm from one position to another substantially as described.

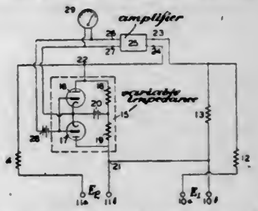
2,129,879
DISPLAY BOX
Joseph R. Samuel, New Orleans, La.
Application March 5, 1938, Serial No. 194,188
2 Claims. (Cl. 206—44)



1. A display box comprising a bottom wall, a top wall, an intervening flange for maintaining said walls in spaced relation, said flange immediately adjacent to one of the walls being slotted, a platform contacting with the wall having the slot immediately adjacent thereto, means for securing said platform to said wall and for rotation, said point of attachment for the platform and the radius of the platform allowing a peripheral portion of the platform at all times to extend out through the slot, a continuous flange carried by the platform and spaced inwardly from the peripheral edge of the platform, said flange of the platform substantially bridging the space between the top and bottom walls, and an opening within the wall remote from the platform to permit visual access to articles carried by the platform within the field defined by the flange.

2,129,880
THERMIONIC MEASURING DEVICE
Serge Alexander Scherbatskoy and Jacob Neufeld, Tulsa, Okla.
Application June 12, 1937, Serial No. 147,996
5 Claims. (Cl. 171—95)

5. In an instrument responsive to the ratio of two electrical quantities, means for causing the said quantities to produce two electrical currents respectively, means responsive to the difference between the said currents for changing the magnitude of one of the said currents in order to approach the magnitude of the other current, and means connected to the last named means for

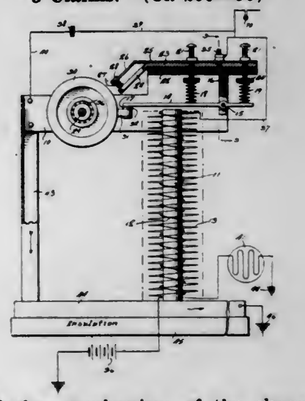


providing an indication of the ratio of said quantities.

2,129,881
METHOD OF MAKING A COATING FOR ICE CREAM BARS
Adolf Anton Schildberger, New York, N. Y., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application April 29, 1935, Serial No. 18,877. Renewed January 3, 1938
2 Claims. (Cl. 99—134)

1. Process of making a coating for ice cream bars which comprises crystallizing with agitation to a thick consistency a solution of dextrose and water in quantity and at a density obtainable by cooking of 80 pounds of dextrose and 8 quarts of water to approximately 230° F.; beating into the massecuite a mixture of sucrose and starch syrup in quantity and at a density obtainable by cooking 8 pounds of sucrose and 4 pounds of starch syrup at 43° Baumé to approximately 230° F.; beating into the batch 5 pounds of nougat cream; and mixing with the batch 8 pounds of melted cocoanut fat.

2,129,882
LAMP FLASHER
Owen M. Shattuck and Murl E. Fulk, Zanesville, Ohio
Application March 12, 1935, Serial No. 10,744
Renewed July 21, 1938
8 Claims. (Cl. 200—90)



1. A flasher mechanism of the character described, including a coil and a core constituting together an electromagnet; an armature for said core; a rotatable element mounted for free oscillation and having an outwardly projecting lug adapted to engage the armature at one point in the arc of oscillation of the rotatable element; resilient means constantly engaging with and

urging the rotatable element in a direction to carry its lug into engagement with the armature and move the armature away from the core; the contact of the lug with the armature closing a circuit through the coil and core to thus cause the armature to be attracted to the core and give an impulse to the rotatable element against the action of the resilient means; and means disposed in the path of movement of the lug for again closing a circuit through the coil when the rotatable element has carried its lug away from the armature.

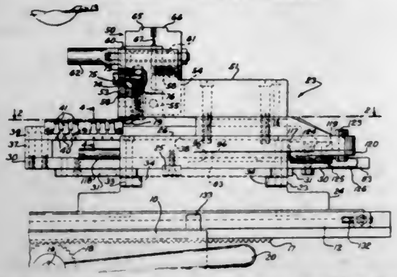
2,129,883

MATERIAL WORKING APPARATUS

John S. Stull, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application October 10, 1935, Serial No. 44,317

4 Claims. (Cl. 90—13.05)



1. In a key cutting machine, a cutting tool, a key blank holding element mounted for movement to bring a blank into cutting engagement with said tool, a supporting element for said holder, said elements being relatively movable both transversely to each other and toward and from each other, a plurality of slides each of graduated thickness on one of said elements, and an abutment on the other element engaging one of said slides at a time, whereby the preadjustment of the slides will predetermine the distance between said elements at a plurality of relative transverse positions of the holding element.

2,129,884

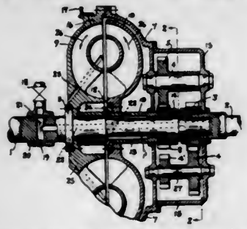
POWER TRANSMISSION SYSTEM

James George Swan, London, England, assignor to Hydraulic Coupling Patents Limited, London, England, a company of Great Britain

Application February 14, 1935, Serial No. 6,438

In Great Britain February 20, 1934

18 Claims. (Cl. 74—293)



1. The combination of a driving shaft, a driven shaft, a hydraulic coupling having a rotatable vaned element coupled to said driving shaft for rotation therewith, a rotatable vaned element serving to transmit power to said driven shaft, said vaned elements cooperating to form an annular circuit for working liquid, and means operable for substantially emptying said circuit of and filling said circuit with working liquid while said driving shaft is rotating, so as to interrupt and reconnect the transmission of power between said shafts, and means for eliminating power surges due to operation of said first mentioned means, said second mentioned means comprising a planetary gear having three elements connected respectively for rotation with said vaned elements and said driven shaft, the ratios of said gearing being such that, when power is being transmitted from said driving shaft to said driven shaft, and said circuit is substantially full, said second mentioned vaned element is caused to rotate in the same direction as said driving shaft irrespective of the speed of rotation of said driven shaft, and when said circuit is substantially empty and said driven shaft is stalled, the slip between said vaned elements is less than 50 per cent.

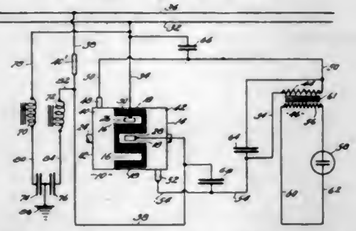
2,129,885

ELECTRICAL CONVERTER SYSTEM

Arthur L. Swigart, Kansas City, Mo., assignor, by mesne assignments, to Grace M. Jones, Kansas City, Mo.

Application January 11, 1937, Serial No. 119,991

4 Claims. (Cl. 175—364)



1. A system for converting unidirectional electric current into alternating current comprising a rotary mechanical converter having interrupter brushes and collector brushes; a transformer; conductors connecting the interrupter brushes of said converter with the two sides of a unidirectional current source; a grounded choke coil and a condenser disposed in series and connected respectively with each of said conductors to form a shunt across the unidirectional source, the midpoint of said shunt being grounded; conductors interconnecting said collector brushes with the terminals respectively of the primary coil of said transformer; and a condenser connected in parallel with said primary coil.

2,129,886

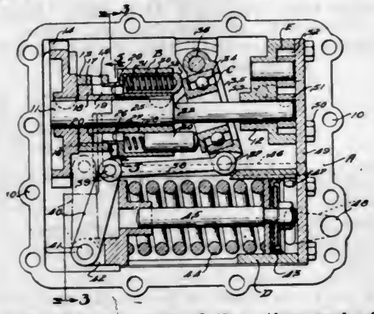
PUMP

Augustin J. Syrovy, Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware

Application July 5, 1935, Serial No. 29,788

1 Claim. (Cl. 103—162)

In a fluid pump, a supporting structure, a drive shaft journaled in said supporting structure, a rotor drivingly connected to said shaft and having a plurality of cylinders spaced around said shaft and extending in the direction of the axis of rotation of said shaft, pistons reciprocating in said cylinders respectively, a wabble plate pivoted for swinging movement and adapted to actuate said pistons, means for successively supplying fluid to said cylinders and for conducting fluid under pressure therefrom, a cylinder disposed adjacent said rotor and extending in the general direction of said shaft, a wabble plate control piston in said cylinder, means for conducting fluid under pressure from said fluid conducting means to said cylinder for operating said control piston, a spring acting to oppose movement of said control piston by said fluid pressure, a rod secured at one end thereof to said piston and extending through said spring, a lever supported for pivotal movement and lying beyond but in



the path of movement of the other end of said rod and constituting a lost motion connection between said control piston and said wabble plate, and a link connecting said lever and wabble plate for swinging said wabble plate in response to movement by said control piston, said lost motion connection accommodating substantial fluid pressure movement of said piston prior to swinging movement of said wabble plate in response to fluid pressure in said cylinder.

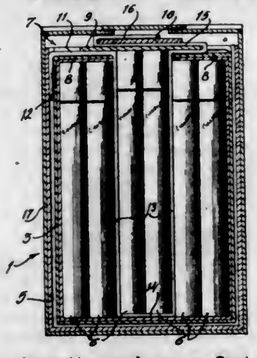
2,129,887

COMBINATION CIGARETTE PACKAGE AND OPENER AND EJECTOR THEREFOR

Bernard J. Tamarin, Philadelphia, Pa.

Application May 3, 1937, Serial No. 140,345

10 Claims. (Cl. 206—56)



7. In a cigarette package, a first pair of flaps folded over certain of the cigarettes; a second pair of flaps folded in overlapping relation to overlie the folded first pair of flaps for covering the remaining cigarettes and completely closing the package; a sealing stamp placed over the folded second pair of flaps for sealing the package; a continuous strip of flexible material arranged in the package to pass around and engage certain of the cigarettes covered by said second pair of flaps, one end portion of said strip passing between one flap of the first pair and the overlying portions of the overlapping flaps of the second pair, and then between the latter and the sealing stamp to extend beyond the edge thereof, whereby upon pulling said end portion of the strip against the edge of the stamp, the strip will tear the stamp, thus freeing the second pair of flaps for the ejection of the cigarettes in engagement with said strip through a continued pull thereon.

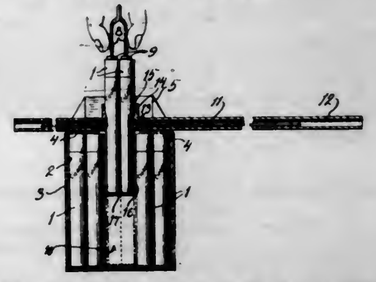
2,129,888

METHOD OF SHAPING AND ASSOCIATING A CIGARETTE EJECTING STRIP WITH A CIGARETTE PACKAGE

Bernard J. Tamarin, Philadelphia, Pa.

Application October 16, 1937, Serial No. 169,378

13 Claims. (Cl. 93—2)



1. The herein described method, consisting of removing cigarettes from the package, laying the intermediate portion of a flexible strip across the opening formed by the removal of the cigarettes, attaching one end of the strip to the cigarette package, contacting the strip with the removed cigarettes and simultaneously forcing the removed cigarettes and strip into said opening, and looping the intermediate portion of the strip under and over certain of the flaps of the cigarette package, and under the seal of the package.

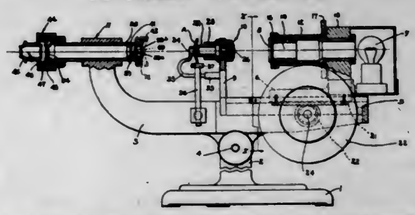
2,129,889

LENS TESTING INSTRUMENT

Edgar D. Tillyer, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts

Application May 8, 1936, Serial No. 78,601

11 Claims. (Cl. 88—56)



1. A device for measuring the shape magnification of a lens system comprising a test lens system, means in said test lens system for eliminating the effect of the focal power of the lens system under test with respect to a point of reference and means for measuring directly by scale means calibrated in per cent shape magnification in said test lens system the effect produced by the shape magnification of said lens system under test with respect to said reference point.

2,129,890

REGULATOR

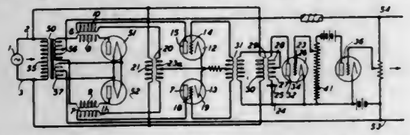
David E. Trucksess, Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application March 20, 1937, Serial No. 132,026

11 Claims. (Cl. 175—363)

6. In combination, a rectifier device connected between an alternating current supply circuit and

a direct current load circuit, a booster transformer having the secondary winding thereof connected in the circuit of said device, means for impressing potential on the primary winding of said transformer under control of a three-element space discharge device, means for impress-



ing alternating potentials on the plate and the grid circuits of said three-element device and for varying the phase of the grid potential with respect to the plate potential according to the load circuit voltage to maintain the load circuit voltage constant.

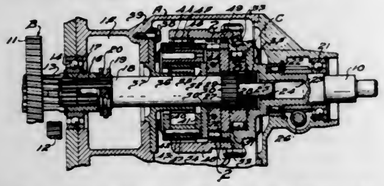
2,129,891

CLUTCH FOR POWER TRANSMITTING DEVICES

John G. Tyken, Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware

Application July 27, 1936, Serial No. 92,769

9 Claims. (Cl. 192—105)



1. In a centrifugal clutch for drivingly connecting driving and driven shafts, clutching structures respectively drivingly connected to said shafts for relative rotation at relatively different predetermined speeds, one of said clutching structures including a clutching element adapted for centrifugal force movement to clutchingly engage the other when the speeds thereof are approximately synchronized, one of said clutching structures having an annular groove formed therein, a detent ball carried by said clutching element and engaging in said groove to prevent centrifugal force movement of said clutching element during said relative rotation of said clutching structures, said clutching element having a recess adapted to receive said detent ball in response to variation in said relative rotation of said clutching structures to permit centrifugal force movement of said clutching element.

2,129,892

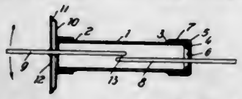
VACUUM CIRCUIT BREAKER

Hans Vatter, Berlin-Charlottenburg, Germany, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a corporation of Germany

Application September 14, 1936, Serial No. 100,632

In Germany September 3, 1935

4 Claims. (Cl. 200—144)



2. As an article of manufacture, a vacuum switch comprising a tubular container of ceramic material, a metallic coating disposed on the outside surface of each end of said container, a metal cap placed over each end of said container, two coacting contact electrodes movable relative to each other, each being mounted to one of said caps respectively, a solder bond tightly connecting said coating and said cap, and a protective disk arranged in said cap so as to close the interior of said container against said solder.

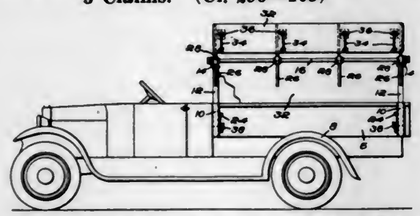
2,129,893

TOP FOR TRUCKS AND THE LIKE

Stanley F. Walden, Newton, Mass.

Application December 18, 1936, Serial No. 116,487

3 Claims. (Cl. 296—105)



1. A body construction for trucks and like vehicles comprising a box, tubular sockets at the sides of the box, posts vertically movable in the sockets, longitudinal rails carried by the posts, means for fixing the posts in a plurality of adjusted positions to support the rails at substantially different elevations from the floor of the body, tilt-supporting bows of a width to span the box having parallel leg portions and fittings supported by the rails in which said leg portions telescope and means for securing the bows in a plurality of substantially differing positions of vertical adjustment in said fittings.

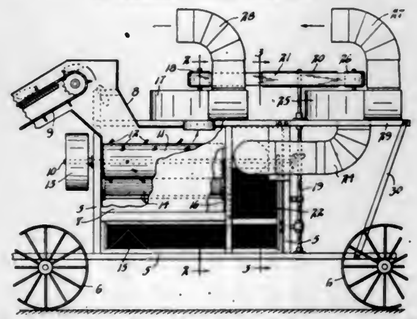
2,129,894

CORN SHELLER

Clarence M. Weinhold, Cottonwood, Minn.

Application October 3, 1936, Serial No. 103,804

4 Claims. (Cl. 130—6)



1. In a corn sheller having a shelling chamber, a corn outlet and a cob outlet, a power-operated drive wheel, a corn-cleaning suction device connected to said shelling chamber, a pulley on said suction device, an independent cob-cleaning suction device, a pulley thereon, a separate fan for each suction device, a conduit from said cob-cleaning suction device to a point outside of the cob outlet, and a belt connecting said drive wheel and said pulleys.

2,129,895

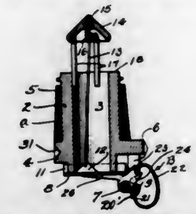
MEASURING DEVICE

Joseph Herman Weiter, Los Angeles, Calif.

Application February 13, 1936, Serial No. 63,721

2 Claims. (Cl. 221—114)

1. In a measuring device, a housing having an axial bore therethrough and means of connection with a container; a valve for engagement with one end of said housing to close the bore therein; a trap door pivotally connected to said housing to close the other end of said bore; means extending through said bore and connect-



ing said trap door and said valve; and means to move said trap door to close one end of said bore and to move said valve away from said housing, said means including a handle member and means to move said valve and trap door with a snap action.

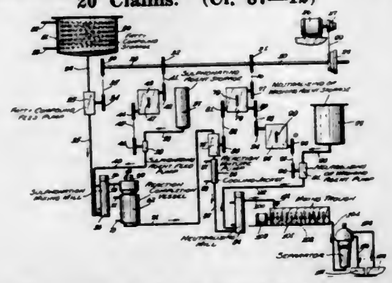
2,129,896

APPARATUS AND METHOD FOR SULPHONATING FATTY COMPOUNDS

Daniel S. Whiteman, Philadelphia, Pa., assignor to Reilly-Whiteman-Walton Company, Conshohocken, Pa., a corporation of Pennsylvania

Application January 30, 1935, Serial No. 4,055

20 Claims. (Cl. 87—12)



1. The method of sulphonating a fatty compound, which comprises continuously progressing the fatty compound as a film between relatively moving adjacent surfaces and introducing a sulphonating agent into the continuously moving film of fatty compound.

11. In a sulphonator for fatty compounds, relatively rotatable cooperating members having a clearance space of film thinness between them through which the fatty compound and sulphonating agent may flow means for rotating one of the members, means for cooling one of the members, means for pumping a fatty compound, conduit means communicating from said means for pumping the fatty compound to the clearance space, means for pumping a sulphonating agent proportionally to the means for pumping the fatty compound and conduit means communicating from said means for pumping the sulphonating agent to the clearance space.

2,129,897

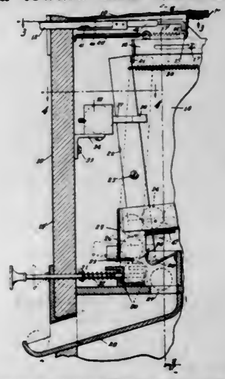
MERCHANDISE VENDING MACHINE

Harry E. Williams, Chicago, Ill., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill., a corporation of Delaware

Application May 11, 1936, Serial No. 78,968

5 Claims. (Cl. 312—47)

1. Merchandise dispensing mechanism for use with vending machines of the type including a coin controlled instrumentality, and a coin-freed control therefor, said mechanism comprising a trough having an open bottom portion and adapted for gravity feed of articles of merchandise toward the open bottom part thereof, a yieldable stop member positioned adjacent the open bottom part of the trough, a manually reciprocable ejecting mechanism positioned below said open bottom of the trough and including a reciprocable slide member movable in a direction toward and away from said yieldable stop member and having spring means normally positioning an end of the same away from said stop to permit gravitating movement of an article between said end and said stop, a pivoted feed arm having an angled end portion normally positioned below the open bottom of said trough to prevent movement of articles of merchandise therethrough and toward said ejecting mechanism,



yieldable means normally urging said pivoted arm in a direction to move said angled end portion away from the said open bottom of said trough to release merchandise therefrom for positioning between the extremity of said reciprocable ejecting member and said yieldable stop member for ejecting movement past the latter by manual operation of the former, together with automatic latch means releasable by operation of said coin-freed control to release said pivoted feed arm for feeding movement under the urgence of said yieldable means said feed arm having a second angled portion spaced and offset from said first mentioned angled portion and movable into position to block movement of articles toward said first mentioned portion when the latter is moved out of movement-preventing position as aforesaid, and means actuated by the aforesaid instrumentality for moving said pivoted feed arm into latched position.

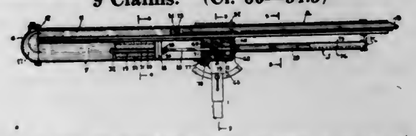
2,129,898

MICROPHONE BOOM

Arthur George Wright, Los Angeles, Calif., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif., a corporation of New York

Application October 2, 1936, Serial No. 103,715

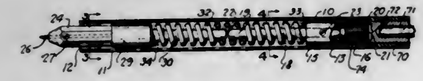
9 Claims. (Cl. 60—54.5)



1. In an extensible boom having a support intermediate its ends: a barrel; a rod slidably

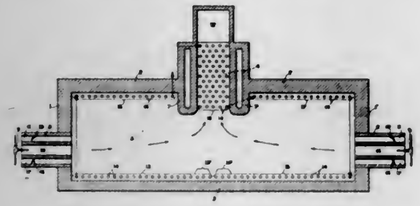
mounted in said barrel; a piston connected to said rod; a second barrel having an interconnecting passage to said first mentioned barrel; a piston in said second barrel; a weight attached to said piston; liquid connecting said pistons; and means for moving said piston and weight in said second barrel to move the piston and rod in said first mentioned barrel in an opposite direction.

2,129,899
ELECTRICALLY ACTUATED TOOL
John Young, Toledo, Ohio
Application June 7, 1935, Serial No. 25,481
13 Claims. (Cl. 175—265)



13. A device of the character disclosed including a casing; a reciprocable magnetizable member positioned within the casing; a second magnetizable member spaced from said reciprocable magnetizable member; a current conducting helix within said casing connected to said reciprocable member, said current conducting helix when energized adapted to magnetize said magnetizable members to cause reciprocation of said reciprocable member.

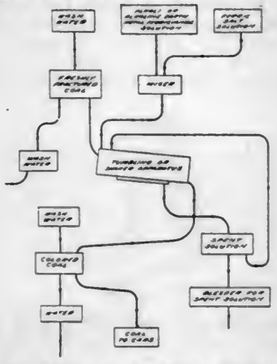
2,129,900
HEATING OF FLUIDS
Marion W. Barnes, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application January 20, 1934, Serial No. 707,535
3 Claims. (Cl. 122—356)



1. In combination with a furnace having end walls, a roof and a floor, means forming a convection heating zone extending upwardly from the central portion of the furnace roof, heating tubes in said zone, additional heating tubes in the end portions of the furnace proper on the opposite sides of said zone, means for firing the furnace above the floor in opposite directions through the end walls substantially horizontally toward the central portion of the furnace, means for removing combustion gases from the convection heating zone, and means for passing fluid serially through the tubes in said zone and in the furnace proper on the opposite sides of said zone.

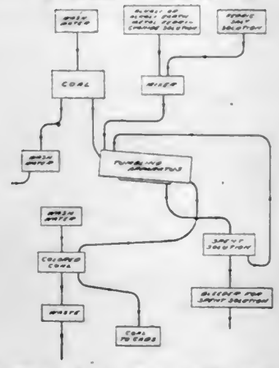
2,129,901
METHOD FOR COLORING COAL
Walter Frank Glinsmann, Jersey City, N. J., assignor to American Cyanamid Company, New York, N. Y., a corporation of Maine
Application June 4, 1935, Serial No. 24,827
12 Claims. (Cl. 44—6)

1. A method of coloring coal which includes subjecting a freshly fractured coal surface to the



action of an alkali or alkaline earth ferricyanide and a ferric salt.

2,129,902
METHOD OF COLORING COAL
George Barsky, New York, N. Y., and Waldemar C. Hansen, Westfield, N. J., assignors to American Cyanamid Company, New York, N. Y., a corporation of Maine
Application June 13, 1935, Serial No. 26,400
4 Claims. (Cl. 44—6)

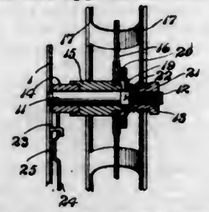


1. A method of coloring coal to secure a bright adherently colored surface substantially free from loose coal dust which comprises washing the coal to remove coal dust from the surface thereof, and immediately thereafter applying to the surface of the washed coal a solution containing a ferricyanide of an alkali forming metal and a ferric salt, in a quantity less than that necessary to produce an equivalent color on coal from which the coal dust has not been removed, and immediately thereafter washing the thus treated coal to free the same from excess reactants, reaction products, or coal dust.

2,129,903
FISH REEL BRAKE
Lawrence Benson, Wayland, Doerr Township, Allegan County, Mich.
Application May 17, 1937, Serial No. 142,991
4 Claims. (Cl. 242—84.5)

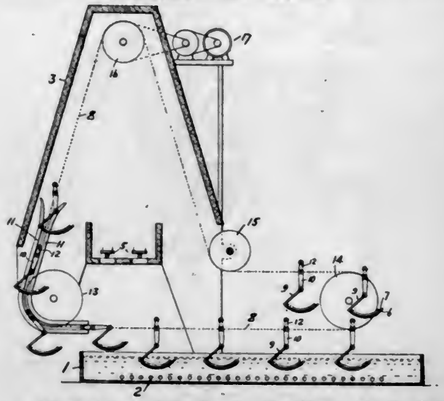
1. In a fishing reel, a support, a rod attached to said support, a reel having a hub rotatably mounted on the rod, a brake mounted on said rod at one side of the reel and adapted to bear

against the reel, a lever rockably mounted on said support adapted to be manually operated by pressure at one end thereof, and means interposed between the opposite end of the lever and



the hub of said reel for moving said hub in a direction to press the reel against the brake including a collar loosely mounted on the rod between said support and one end of the hub and bearing against said hub.

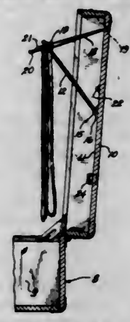
2,129,904
APPARATUS FOR HEAT TREATING ELECTROTYPE PRINTING PLATES
Harry M. Blaetz, Haddonfield, N. J., assignor to The Curtis Publishing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application December 15, 1937, Serial No. 179,927
3 Claims. (Cl. 266—4)



1. Apparatus for heat treating electrotype printing plates comprising in combination a tank adapted to contain a quenching fluid, an open bottom hood arranged above the tank and having means for heating its interior, an endless conveyor extending into and up and down in the hood and having a flight extending out of the hood horizontally above the level of the quenching fluid, trays having insulated faces, lever elements centrally pivoted to the conveyor and to one arm of which the trays are pivotally attached and are pendent in generally horizontal position in all positions of the lever elements, and curved guides located at the entrance of said flight of the conveyor and in the path of the ends of the other arms of said lever elements to turn the same and drop the trays quickly into the quenching fluid.

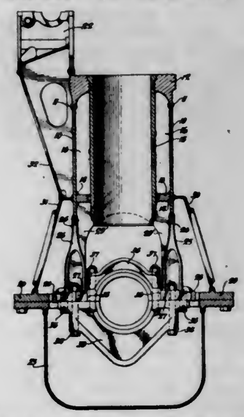
2,129,905
GARMENT CONTAINER NECKTIE RACK
Wallace H. Bracken, Milton Point, Rye, N. Y., assignor to Hartmann Trunk Company, Racine, Wis., a corporation of Wisconsin
Application October 29, 1937, Serial No. 171,603
2 Claims. (Cl. 211—104)

1. A necktie rack, comprising a normally vertical supporting plate, a necktie receiving U-frame pivotally mounted at its inner end to a face portion of said plate, said frame being swingable from a position against the face of the plate to an angular position relative thereto, a unitary and common member for guiding the frame in its swinging movements, for aiding propulsion of the frame and for limiting the angular



disposition of the same, there being means on said plate cooperating with means on the member for releasably securing the frame flatly against the face of the plate, and a releasable retaining strap mounted on the plate inwardly of the frame for engaging end portions of neckties draped from the frame.

2,129,906
BUILT-UP CYLINDER BLOCK FOR INTERNAL COMBUSTION ENGINES
William E. Brill, Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application July 12, 1937, Serial No. 153,102
6 Claims. (Cl. 123—195)



1. In a cylinder block for multiple cylinder engines, upper and lower deck plates extending longitudinally and throughout the length of the cylinder block and having openings for the ends of cylinder liners; two side plates extending longitudinally and throughout the length of the cylinder block; base plates spaced apart from one another and extending longitudinally and throughout the length of the cylinder block; and a plurality of pairs of oppositely arranged supporting members extending between the lower edges of said side plates and said base plates, all of said parts being welded together to thereby form a unitary cylinder block.

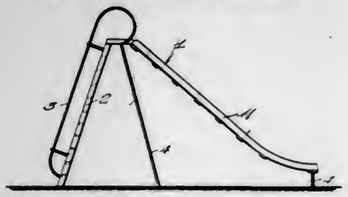
2,129,907
META-SUBSTITUTED PHENOLS
Edgar C. Britton, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application March 22, 1937, Serial No. 132,301
8 Claims. (Cl. 260—629)

1. The method of making, from a hydrocarbon-substituted halogenated aromatic hydrocarbon, a substituted phenol wherein by rearrangement hydrogen occupies the original halogen position and the hydroxy group occupies another position in the benzene ring, which comprises reacting said halogenated hydrocarbon with steam in the vapor phase and in the presence of a hydrolytic catalyst, and separating such phenol from the reaction product.

2,129,908
SEPARATION OF ORTHO-, META-, AND PARA-PHENYLPHENOLS
Edgar C. Britton, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application March 27, 1937, Serial No. 133,425
10 Claims. (Cl. 260—705)

1. The method of separating ortho-, meta-, and para-phenylphenols from a mixture thereof which comprises fractionally distilling ortho-phenylphenol from the mixture under reduced pressure, treating the still residue with a solvent in which meta-phenylphenol is relatively soluble and para-phenylphenol is relatively insoluble to form a solution containing chiefly meta-phenylphenol and a solid residue or precipitate consisting chiefly of para-phenylphenol, and recovering meta-phenylphenol from the solution thereof.

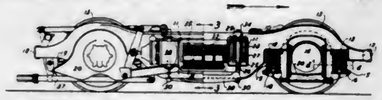
2,129,909
PLAYGROUND SLIDE
Ethelyn M. Burke, Fond du Lac, Wis.
Application June 13, 1936, Serial No. 85,155
Renewed July 22, 1938
4 Claims. (Cl. 272—56.5)



1. A playground slide having its bedway formed of a plurality of spaced longitudinally extending boards, a plurality of slotted bed bars arranged transversely of said bedway, locking means carried by said bars for locking said boards in position, and spacing means interposed between said boards extending between said locking means.

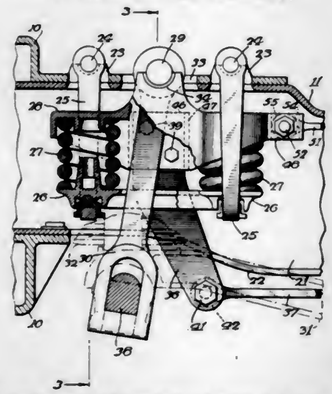
2,129,910
CAR TRUCK
Andrew Christianson, Hammond, Ind., and Otto Jabelmann, Omaha, Nebr.
Application December 17, 1936, Serial No. 116,260
14 Claims. (Cl. 105—190)

2. In a car truck having journal boxes and including a truck frame comprising side frames and connecting transom members spaced apart, springs supporting said frame from the boxes, a bolster supported between said transoms, spring beam assemblies hung from said transoms for independent movement upon opposite sides of the bolster and comprising each spring seats pivotally hung from the respective transoms, springs spaced apart on each of said seats, a continuous spring beam supported on said



springs, bolster hangers pivotally supported from opposite ends of said beam, equalizing bars connecting the bolster hangers at adjacent assemblies, a spring plank supported upon said bars for connecting said hangers transversely of the truck, and springs on said plank for supporting the bolster.

2,129,911
CAR TRUCK
Andrew Christianson, Hammond, Ind., and Otto Jabelmann, Omaha, Nebr.
Application March 13, 1937, Serial No. 130,662
7 Claims. (Cl. 105—190)

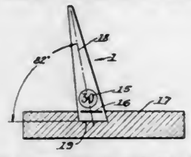


1. A car truck including journal boxes, springs supported from said boxes, a truck frame supported on said springs, a bolster mounted for movement within said frame, spring beams hung from said frame upon opposite sides of the bolster for independent movement at each side of the truck, pivotal connections between said beams transversely of the truck at opposite sides of the bolster maintaining parallelism between companion beams at each side of the bolster, bolster hangers pivotally suspended from said beams, equalizing bars connecting said hangers, a spring plank supported upon said equalizing bars, and elliptic springs between said bolster and spring plank.

2,129,912
PYROMETRIC CONE
Harry E. Co Van and George A. Bole, Columbus, Ohio, assignors to Standard Pyrometric Cone Company, Columbus, Ohio, a corporation of Ohio
Application July 30, 1936, Serial No. 93,456
2 Claims. (Cl. 73—358)

1. A pyrometric cone substantially in the form of a three sided pyramid having flat triangular front, side and base surfaces, and indicating means provided on one of the side surfaces, the major axis of the cone being disposed at such an angle to the plane of the base as to cause the

entire cone body to incline toward the front whereby said cone when it is softened by heat

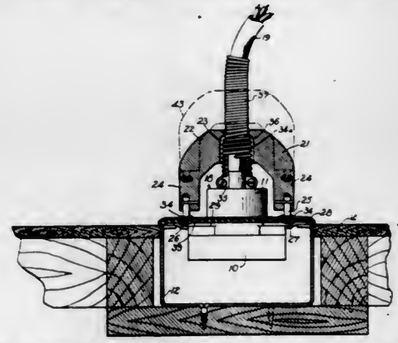


will bend in the direction of its inclination and said indicating means including a depth indication extending substantially parallel to the base.

2,129,913
ART OF DRILLING WELLS
Roy Cross and Walter M. Cross, Jr., Kansas City, Mo., assignors to Kansas City Testing Laboratory, Kansas City, Mo., a corporation of Missouri
No Drawing. Application June 2, 1937, Serial No. 146,117
4 Claims. (Cl. 255—1)

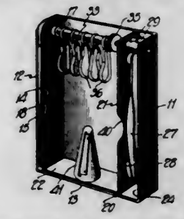
1. In the art of drilling oil and gas wells the step which comprises circulating in the drill hole during the general drilling operation a drilling fluid containing cellulose in soluble form and adapted to be regenerated.

2,129,914
LOCKING DEVICE FOR ELECTRICAL PLUG AND SOCKET ARRANGEMENT
Lewis Newell Davis, Santa Monica, Calif., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif., a corporation of Delaware
Application October 4, 1935, Serial No. 43,532
1 Claim. (Cl. 173—330)



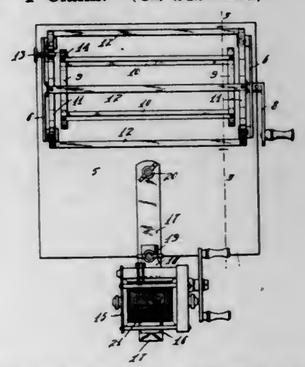
In a device of the class described the combination of: a socket element having electrical contacts, guide openings therefor, and a relatively flat wall having connection openings therein; a plug element having contact fingers adapted to extend through said guide openings and into engagement with said electrical contacts; a conductor connected to said plug element; a connecting yoke separate from said plug element having a hub in which there is an opening through which said conductor freely extends, arms extending at the sides of said plug element toward said socket element, and connection pins on said arms cooperating with said connection openings for locking said yoke to said socket element, said connecting yoke being separate from said plug element and surrounding said plug element when said connecting yoke is connected to said socket element and at that time constituting a protection means for said plug element; and a spring surrounding said conductor and compressed between said hub of said yoke and said plug element for resiliently holding said plug element in place.

2,129,915
KIT FOR PERSONAL WEAR
Doraine Du Pont, New York, N. Y.
Application February 3, 1937, Serial No. 123,799
6 Claims. (Cl. 206—38)



1. A kit for personal wear comprising a box-like receptacle, a plurality of partitions dividing said receptacle into a plurality of compartments, a rigid member extending transversely of the receptacle and mounted for longitudinal sliding movement in one of said partitions, and means carried by said rigid member and having interengagement with one of said partitions to retain the rigid member against longitudinal movement in one direction.

2,129,916
FISHLINE DRYING REEL
Erhart Erickson, Minneapolis, Minn.
Application September 5, 1936, Serial No. 99,541
1 Claim. (Cl. 242—104)



In a device of the kind described, the combination with a supporting base having upstanding laterally-spaced brackets and means for supporting a fishing reel, of a crank-equipped shaft journaled in said brackets, concentric squirrel-cage drying reels mounted on said shaft, the inner and smaller reel being rigidly secured to said shaft and the outer reel being normally loose on said shaft, and a lock pin insertable through perforations in adjacent heads of the two reels to lock the same for common rotation, said lock pin being of such length and so related to the adjacent bracket that when inserted to lock the two reels for common rotation, it will clear said bracket, but when withdrawn from the head of the inner reel will engage said bracket and lock said outer reel against rotation.

2,129,917
MANUFACTURE OF BROMONAPHTHOIC ACID

David Alexander Whyte Fairweather, Grangemouth, Scotland, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain

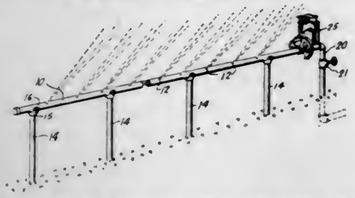
No Drawing. Application March 29, 1937, Serial No. 133,743. In Great Britain April 25, 1936
3 Claims. (Cl. 260—515)

2. In the process for the manufacture of 8-bromo-1-naphthoic acid, the steps which comprise dissolving anhydro-8-hydroxymercuri-1-naphthoic acid in water as the potassium salt and adding thereto an aqueous hydrochloric acid solution of bromine.

2,129,918
FLUID DISTRIBUTING SYSTEM AND APPARATUS

Harold N. Fall, Toledo, Ohio

Application June 11, 1935, Serial No. 26,024
9 Claims. (Cl. 299—68)



1. A device of the character disclosed, a rotatably mounted distributing pipe; a fluid motor mounted in fixed position adjacent thereto and having a fluid driven wheel; means for directing fluid flow against said wheel, valve means for changing direction of said fluid flow for alternately driving said wheel in opposite directions; and means including gearing for transmitting the rotary motion of said fluid driven wheel to said distributing pipe, and means movable with the distributing pipe for controlling said valve means.

2,129,919
SOLID STARCH AND METHOD OF PREPARING THE SAME

Howard File, Decatur, Ill., assignor to A. E. Staley Manufacturing Company, Decatur, Ill., a corporation of Delaware

No Drawing. Application July 8, 1935, Serial No. 30,351. Renewed March 11, 1938
13 Claims. (Cl. 134—19)

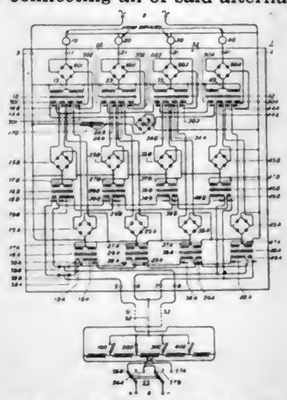
9. A compressed starch pellet of the type described, comprising a compressed mass of corn starch particles containing and bonded together by an interspersion of pre-dried particles of glucose.

2,129,920
ELECTRIC CONTROL SYSTEM

Alan S. Fitz Gerald, Wynnewood, Pa.

Application May 15, 1936, Serial No. 79,884
5 Claims. (Cl. 177—353)

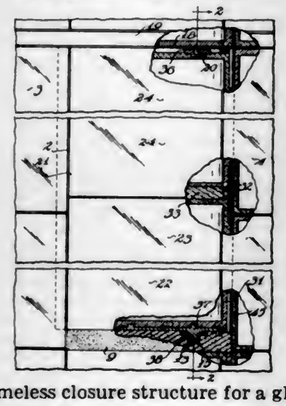
2. In combination, an alternating current supply circuit, a plurality of load circuits, a plurality of electric control circuits, each comprising a saturable core device having a direct current saturating winding and an alternating current winding connected to control the energization of one of said load circuits from said supply circuit, means for energizing said saturating winding with a direct current variable in accordance with the current in said alternating current winding, the ratio of the magnetomotive forces of said windings being such that the magnetomotive force of said direct current winding increases the build-up of current from zero in said alternating current winding when the residual magnetic condition of said core has one polarity and reduces the build-up of current from zero in said alternating current winding when said residual magnetic condition has the opposite polarity, and means for determining said polarity so as to control the energization of said load circuit in accordance therewith, together with a selective control system comprising a plurality of further saturable core devices having each an alternating current winding, means for connecting all of said alternating current windings in series to said supply circuit, means for energizing each of said polarity determining means in accordance with the voltage across one of said alternating current windings, means for providing a plurality of variable direct currents, and means for subjecting, differently, each of said last-mentioned saturable core devices to a saturating effect derived jointly from said direct currents, whereby a pre-determined relation between the magnitudes of said currents causes one of said saturable core devices to be substantially unsaturated so as to cause an increase in the energization of one of said polarity determining means due to said unsaturated condition.



2,129,921
GLASS BLOCK CLOSURE

Herbert I. Fogelberg, St. Paul, Minn.

Application August 5, 1937, Serial No. 157,548
5 Claims. (Cl. 72—41)



1. A frameless closure structure for a glass block building comprising in combination with a wall constructed of glass blocks and having an opening therein, the glass blocks on each side of said opening having the edges thereof formed to coincide with the edges of a closure member, and a glass block closure member composed of a plurality of superposed glass blocks fixedly secured to each other to form a closure unit, the edges of said glass blocks being formed to coincide with the edges of said wall blocks on each side of said window opening, and mounting means mounted to pivotally support said closure member in said opening to have an open and a closed position therein.

2,129,922
INTERCHANGEABLE FACING

James P. Franchetti, Santa Rosa, Calif.

Application April 22, 1936, Serial No. 75,746
2 Claims. (Cl. 32—9)



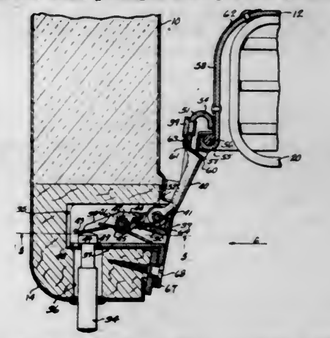
1. An interchangeable artificial tooth of the root extension type comprising a veneer having an intermediate lingual face and having upper and lower beveled surfaces formed on the lingual side thereof at opposite ends of said lingual face and disposed in parallel relation to each other, said upper surface forming the occlusally disposed portion of the root extension, a lug invested in and projecting from said intermediate lingual face and spaced occlusally from the upper beveled surface and spaced gingivally from said lower beveled face, and a backing plate having complementary upper and lower seats formed thereon and oppositely disposed in parallel relation to receive thereagainst the upper and lower beveled surfaces of the veneer, and also having a groove and recess formed therein between said seats complementary to said lug and adapted to receive the lug of the veneer, said beveled surfaces and seats together with the lug and the lug receiving groove being disposed on an occluso-gingival angle from the occlusal end to the lingual side with relation to the longitudinal axis of the veneer, whereby said facing may be mounted on said backing without interference at an occluso-gingival angle and said root portion may be readily ground and adapted.

2,129,923
REFRIGERATOR CABINET

Mortimer Frankel, Indianapolis, Ind., assignor to Fairbanks, Morse & Co., Chicago, Ill., a corporation of Illinois

Application November 18, 1936, Serial No. 111,432
1 Claim. (Cl. 312—173)

In combination with a refrigerator cabinet having a forward opening and a food chamber accessible therethrough, an outer door hinged on the cabinet and providing a closure for said opening, an inner door hinged on the cabinet, adapted to divide the food chamber into forward and rear compartments, a cooling unit located in the rear compartment, shelves on said inner door for supporting food in the forward compartment, a latch element mounted on the cabinet and cooperating with said inner door, a plunger for actuating said latch projecting from a forward wall of the cabinet adjacent the door opening, spring means operable to move the inner door outwardly of the cabinet when said latch is released, a latch for the outer door, a handle mounted on the outer door, operatively connected to the outer door latch for releasing the same, said handle and plunger being arranged for con-

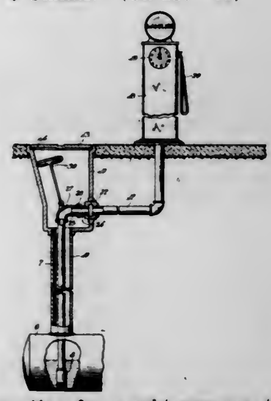


current, single-hand manipulation when the outer door is closed.

2,129,924
UNDERGROUND TANK SYSTEM

Arch H. Galbraith, Pittsburgh, Pa.

Application June 15, 1934, Serial No. 730,743
Renewed February 4, 1938
7 Claims. (Cl. 137—78)



1. A connection for a subterranean tank comprising a well casing having an enlargement adjacent its upper end, piping for discharging liquid, said piping having a projecting inlet extending inwardly through the well casing adjacent its upper end, a vertical pipe in the well, a detachable connection telescoping with the projecting inlet for hanging said vertical pipe from said projecting inlet and placing said vertical pipe and said inlet in communication, said connection comprising means accessible from the ground level through said enlargement adjacent the upper end of the well casing and engageable with said projecting inlet for securing the vertical pipe thereto while hung therefrom, and a foot valve carried at the lower end of said vertical pipe.

2,129,925
PAINT COMPOSITION

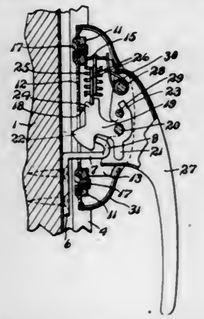
Henry A. Gardner, Washington, D. C., assignor to The Titanium Alloy Manufacturing Company, New York, N. Y., a corporation of Maine

No Drawing. Application June 12, 1935, Serial No. 26,239
2 Claims. (Cl. 134—45)

1. A paint paste consisting of about 80% finely-divided and refined zirconium silicate comprising

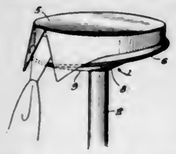
essentially unconverted $ZrSiO_4$ containing less than 0.20% each of titanium and iron compounds, the particles of which will pass a 325 mesh screen, intimately associated and wetted by agitation with linseed oil about 20%.

2,129,926
REFRIGERATOR LATCH
Carl W. Geske and George Earl De Voe, Grand Rapids, Mich., assignors to Winters & Crampton Corporation, Grandville, Mich., a corporation of Michigan
Application November 30, 1936, Serial No. 113,294
3 Claims. (Cl. 292—332)



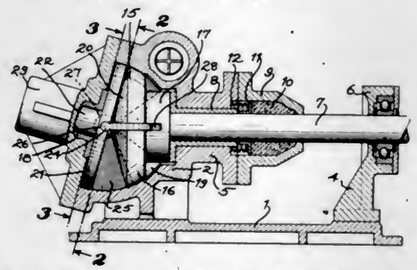
3. In a refrigerator door assembly having a door and a door casing therefor and a keeper secured to the door casing having an outwardly extending section terminating in a return bent hook, the combination of a latch construction comprising, a support having a base and spaced parallel sides extending at right angles from the base, said base mounted on the door and positioned beyond the edge thereof so as to be directly over and cover the keeper when the door is closed, a latch bolt pivotally mounted on and between the sides of the support, said latch bolt having two pairs of fingers, each pair being spaced one from the other with a recess between them, and said pairs of fingers being located at opposite sides of the bolt, a handle pivotally mounted at one end in the sides of the support, means on said handle for engaging one of a pair of fingers, a spring extending between the base and the other finger of the same pair tending to hold the latch bolt in locked or unlocked position, the hook of the said keeper being positioned within the recess between the other pair of fingers and engaging against the inner face of one of said fingers when the latch bolt is in locked position.

2,129,927
DISPLAY STAND FOR COLLARS
Matthew Gladstone, Brooklyn, N. Y.
Application August 16, 1937, Serial No. 159,348
4 Claims. (Cl. 223—81)



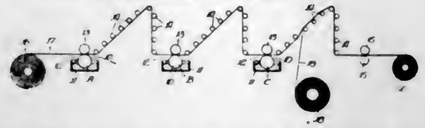
1. A collar display stand having a circular element, having a horizontal surface, vertical sides terminating in a flange positioned at an angle to the surface.

2,129,928
POSITIVE PRESSURE ROTARY PUMP
Albert J. Granberg, Berkeley, Calif., assignor to Granberg Equipment Incorporated, Oakland, Calif., a corporation of California
Application May 8, 1937, Serial No. 141,468
8 Claims. (Cl. 103—127)



1. A rotary pump comprising a casting having a spherically segmental inner chamber, a rotatable pump head in said chamber having a spherically segmental surface engaging said chamber, a coaxial coned surface on said pump head extending into said chamber, a rotatable disc positioned with a planar surface thereof parallel to one radius of said coned surface, the center of said planar surface lying in the axis of said coned surface, a plurality of vanes mounted on said disc and extending into slots in said pump head, means for maintaining a tight sliding contact between said vanes and said pump chamber and means for rotating said head and disc.

2,129,929
LAMINATION
Irving Gurwick, Mount Vernon, Ohio, assignor to Shellmar Products Company, Mount Vernon, Ohio, a corporation of Delaware
Application August 21, 1935, Serial No. 37,117
14 Claims. (Cl. 41—22)

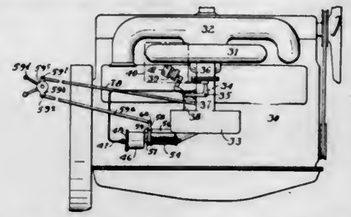


14. The method of producing a laminated article of the type described, which comprises maintaining a traveling web of transparent cellulose sheeting, printing a quick-drying colored design of an intaglio ink in reverse on one side of said sheeting, drying said design, passing the printed side of said sheeting in contact with a multicellular deposit of an adhesive material to deposit a coat of said adhesive in overall relation with respect to the printed side of said sheeting and said design, and combining said web with a second web.

2,129,930
MEANS FOR INJECTING A PLURALITY OF MOTOR FUELS INTO INTERNAL COMBUSTION ENGINES
Edmund E. Hans, Detroit, Mich.
Substitute for abandoned application Serial No. 675,598, June 13, 1933. This application January 20, 1938, Serial No. 185,915
9 Claims. (Cl. 123—127)

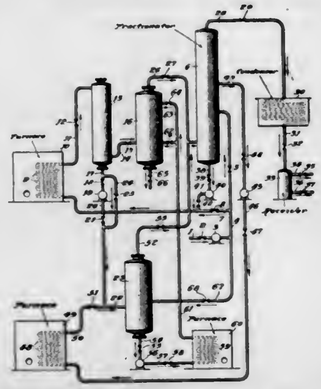
1. In combination with an internal combustion engine having a fuel feeding system, a fuel inlet and a throttle for controlling the fuel inlet and so the engine, means for supplying a plurality

of fuels to the fuel inlet, means including a valve for controlling the flow of one of said fuels in-



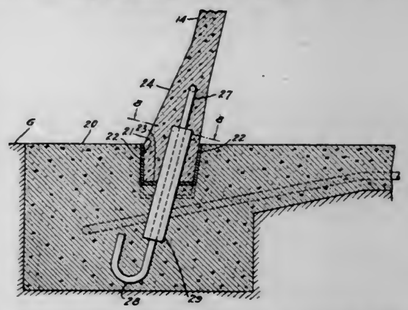
dependently of another and selectively releasable means limiting opening movement of said valve.

2,129,931
CONVERSION OF HYDROCARBON OILS
Jacob Benjamin Heid, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application June 27, 1936, Serial No. 87,686
9 Claims. (Cl. 196—49)



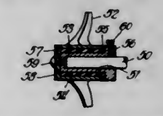
1. In a process for the conversion of hydrocarbon oils, wherein an oil of relatively high boiling characteristics is subjected to conversion conditions of cracking temperature and superatmospheric pressure in a heating coil and communicating reaction chamber, the resulting liquid and vaporous products separated, the vapors subjected to fractionation for the formation of reflux condensate, fractionated vapors of the desired end boiling point subjected to condensation, the resulting distillate recovered, reflux condensate formed by said fractionation separated into selected relatively low boiling and high boiling fractions, the high boiling fractions supplied to the heating coil for further cracking and the low boiling fractions subjected to independently controlled conversion conditions of cracking temperature and superatmospheric pressure in a separate heating coil, the improvement which comprises commingling said liquid products separated from the vaporous products of the first mentioned cracking step and withdrawn from the zone of separation with the heated products from the second mentioned heating coil, separating the resultant mixture into vapors and residual liquid, subjecting the vapors to said fractionation together with the first-named vapors, subjecting the residual liquid to additional heat treatment in a separate heating coil, introducing the additionally heated materials into another separating zone, supplying vaporous products from the last mentioned separating zone to said fractionation and recovering residual liquid from the last mentioned separating zone.

2,129,932
FLEXURE MEANS FOR CEMENTITIOUS STRUCTURES
Julian Huddleston, Los Angeles, Calif.
Application October 25, 1937, Serial No. 170,845
4 Claims. (Cl. 72—77)



4. A cementitious upstanding structure having a horizontally extending stay rod embedded in its upper portion, and upwardly and downwardly extending tension rods extending to said stay rod from opposite sides thereof and being secured to said stay rod, there being in said cementitious structure adjacent to said stay rod a body of material of a somewhat more yielding nature than said cementitious structure to permit a slight hinge action in the structure about the pivotal axis formed by said stay rod.

2,129,933
MOUNTING FOR AIR CIRCULATOR DEVICES
Herman C. Hueglin, Chicago, Ill., assignor to Airmaster Corporation, Chicago, Ill., a corporation of Illinois
Application November 13, 1936, Serial No. 110,623
9 Claims. (Cl. 230—232)



1. In a sound preventing mounting for fans, in combination, an inner member, an outer member surrounding said inner member and generaly concentric therewith, an intermediate sleeve member surrounding said inner member and in turn surrounded by said outer member, a fan part carried by one of said first two members, yielding bushing means between the member carrying said fan part and said sleeve member and constituting the sole means for maintaining said members in concentric relation, means constituting a unitary part of said mounting for compressing said bushing means axially to expand same laterally into firm engagement with said sleeve member and the member carrying said fan part to bind said members firmly and yieldingly together and against relative rotation independently of vulcanization of said yielding bushing means to the member carrying said fan part or to said sleeve member, and means for locking said sleeve member to the other of said first two members.

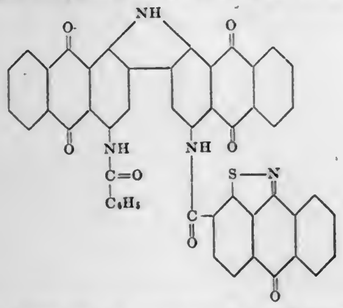
2,129,934
MANUFACTURE OF A NEW ANTHRAQUINONE VAT DYESTUFF

Francis Irving and Cecil Shaw, Grangemouth, Scotland, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application November 5, 1935, Serial No. 48,441. In Great Britain November 7, 1934

2 Claims. (Cl. 260—303)

1. The compound of the following formula



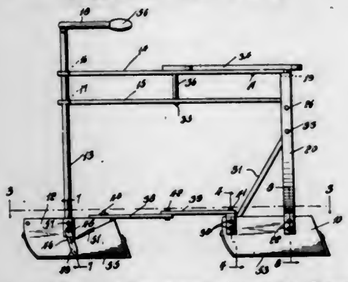
which dissolves in concentrated sulphuric acid with a brown color and dyes cotton from a brownish-red alkaline hydrosulphite vat in brown shades which become olive-green in air and have excellent fastness properties.

2,129,935
CYCLE SLED

Gus H. Johnson, McKeesport, Pa.

Application July 28, 1936, Serial No. 93,076

3 Claims. (Cl. 188—8)



1. A coasting sled comprising a frame and runners, one of said runners being swivelly mounted and provided with pivoted members, said members normally forming foot rests, and being provided with ground engaging portions adapted to act as a brake.

2,129,936
METHOD FOR PREPARING FRESH FRUIT FOR MARKET

Joe E. Johnson, Venice, Calif., assignor to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware

No Drawing. Application September 15, 1934, Serial No. 744,172

4 Claims. (Cl. 99—156)

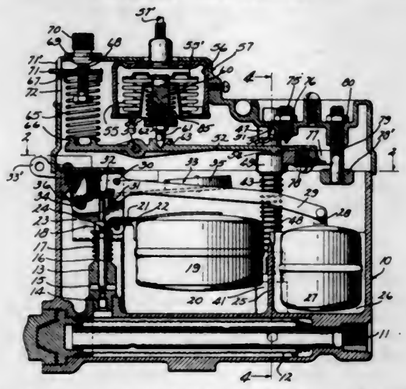
4. In a method of treating whole fruit to inhibit decay thereof, the steps of contacting whole fruit with an aqueous treating agent containing sodium silicate and from about 0.1% to 1.0% of a water-soluble alkali salt of orthophenylphenol.

2,129,937
OIL CONTROL DEVICE

Roy W. Johnson, Milwaukee, Wis.

Application May 13, 1935, Serial No. 21,134

3 Claims. (Cl. 236—99)



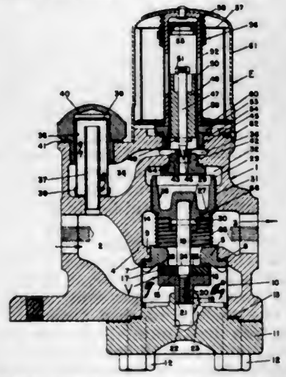
1. A control device of the character described comprising a casing having a liquid supply chamber therein and provided with an outlet, a valve in the casing cooperable with the outlet to regulate flow therethrough, spring means biasing the valve to open position, a single lever fulcrumed within the casing and cooperable with the valve to force it to closed position when swung in one direction, said casing having a top overlying said lever, a bellows interposed between the top and lever and having a member bearing down on the arm of the lever engaged with the valve, said bellows having a volatile filling therein and being effective to cause the lever to close the valve when the bellows is expanded under the influence of rising temperature on said volatile filling, spring means interposed between the top of the casing and the lever and engaged with the lever on the side thereof opposite to that engaged by said member and opposing the action of the bellows and means operable from the exterior of the casing for adjusting said spring means to regulate the temperature at which the valve is closed.

2,129,938
VALVE

Roy W. Johnson, Milwaukee, Wis.

Application January 2, 1937, Serial No. 118,779

2 Claims. (Cl. 137—139)



1. A valve comprising a casing having an inlet

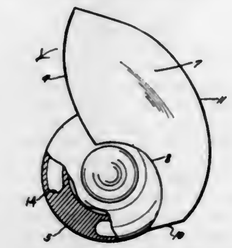
and an outlet and provided with a ported partition therebetween, a valve seat removably connected with said ported partition, there being a main valve chamber below said partition communicating with said inlet and an outlet chamber above said partition communicating with said outlet, said chambers being vertically alined, a main valve in said main valve chamber and cooperable with said seat, said casing having a fluid pressure chamber vertically alined with said outlet chamber and disposed thereabove, said fluid pressure chamber being provided with a cylinder, a piston fitted in said cylinder, a stem secured to said main valve and said piston, means coacting with said casing to define a pilot valve chamber above and vertically alined with said aforementioned chambers, a valve seat removably connected with said casing and disposed in said pilot valve chamber, an electromagnetically actuated pilot valve cooperable with said last-named seat, there being a bypass between said inlet and said pilot valve chamber, said casing having a removable bottom plate providing for access to all said chambers and for the removal of said main valve, its valve seat, said stem, said piston, said pilot valve seat and said pilot valve through the bottom of said casing when said plate is removed.

2,129,939
PROPELLER FOR AIRCRAFT

Soren H. Juul, Outlook, Mont.

Application July 17, 1937, Serial No. 154,124

1 Claim. (Cl. 170—159)



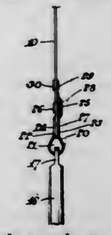
In a propeller, a hub of conical shape with its circumferential surfaces rounded off forwardly and parabolically into a rounded nose, a propeller blade of thin sheet material formed substantially to an elliptical shape with its predetermined inner margin cut out arcuately at the end designed for attachment to the hub, and thereby secured eccentrically to the circumference of the hub rearwardly of the nose, the line of juncture between propeller and hub taking a spiral course from adjacent the nose of the hub to the rear of the hub, the leading edge of the propeller being inclined forwardly and radially from the center of the hub and being curved off arcuately and sharpened for effectively cutting through the air, the body of the blade rearwardly of the leading edge trailing in a spiral direction around the hub and narrowing in width to a relatively narrow trailing edge at the opposite side of the hub from the leading edge, the outer edge of the blade when viewed from the side lying in a straight line, and so constructed and arranged that the propeller is given an arcuate transverse cross section with the convex face turned forwardly, a shaft-mounting tubular member within the casing extending from the front toward the rear thereof, support members between the tubular member and the casing located adjacent the rear end of the tubular member, one of the support members being heavier than the remaining support members and located at a point opposite to the said blade so as to function as a counterweight.

2,129,940
JACQUARD LOOM HARNESS

John Jacob Kaufmann, Elkins Park, Pa., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania

Application July 22, 1936, Serial No. 91,814

8 Claims. (Cl. 139—89)



1. In Jacquard loom harness, the means for attaching a lingo to a heddle comprising the provision of a plurality of openings in the lower end of the heddle, and a clip having an eye portion for engaging the eye portion of the lingo, said clip having legs extending upwardly from the eye portion, and each of said legs having portions extending through at least one of said openings in the heddle thereby to position the clip fixedly with respect to the heddle.

2,129,941
BUMPER MAT

John H. King and Royal R. Wotring, Indianapolis, Ind.

Application December 9, 1935, Serial No. 53,602

3 Claims. (Cl. 5—1)



3. A bumper mat comprising a pair of round pan-shaped sections, each section having on its outer surface a series of substantially circular raised ribs and a peripheral flange widened at one point and having an elongated opening to provide a handle, each section being formed of tough cured pure rubber having the peripheral flanges connected to form a substantially flat mat and a filler for said mat comprising a comminuted material having a low degree of resiliency to thereby provide a bumper mat capable of receiving comparatively heavy shocks with a minimum of rebound.

2,129,942
WINDSHIELD WIPER MECHANISM

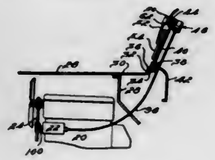
Frank Kritz, Detroit, Mich.

Application January 14, 1935, Serial No. 1,594

10 Claims. (Cl. 15—255)

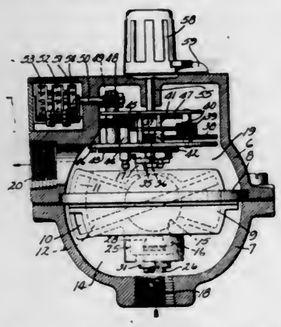
1. A power transmission mechanism including an oscillatably mounted member, means for oscillating said member including a reciprocable driven member operatively connected with said oscillatable member, a unidirectionally rotative driving member operatively connected with said

driven member for reciprocating the latter between predetermined limits, and means associated with said driving member for establishing said limits, one of said limit establishing means being shiftable for interrupting the driving con-



nection between said driving and driven members when the oscillatable member is in a predetermined position, and selectively operable means for controlling the shifting of said one limit establishing means to thereby effect said interruption.

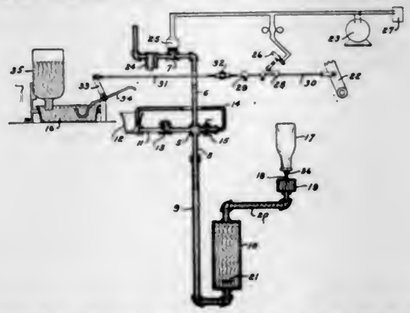
2,129,943
DISK METER
Emil M. Krueger, Milwaukee, Wis., assignor to Badger Meter Manufacturing Company, Milwaukee, Wis., a corporation of Wisconsin
Application May 13, 1935, Serial No. 21,184
2 Claims. (Cl. 73—258)



1. In a meter of the class described, the combination with a casing comprising upper and lower sections, of a metering chamber within said casing arranged to discharge the material metered into the upper section thereof, a motor element within said chamber having an orbitally movable pin in said upper casing section, a gear train support intermediate the height of said upper section, a gear train comprising a driving shaft operatively connected to receive motion from said pin, a set of motion reducing gearing above said support comprising shafts projecting downwardly through said support, and intermeshing gears removably mounted below said support on said shafts, a driven shaft operatively connected to receive motion from said train, and a total-indicating register operatively arranged to be actuated by said driven shaft.

2,129,944
APPARATUS FOR DISPENSING LIQUID
Archie E. Ladewig, Waukesha, Wis.
Application June 7, 1935, Serial No. 25,406
7 Claims. (Cl. 21—107)

1. In combination, means forming a conduit, means for delivering regulated quantities of liquid into said conduit, a chemical supply basin, a second basin, means for transferring measured quantities of chemical from said supply to said second basin, and means for injecting one



measured quantity of chemical to each separate quantity of said liquid delivered to said conduit.

2,129,945
PROCESS OF MAKING COLOR PRINTING PLATES
Elsmore D. Lake, Oakland, Calif.
Application October 15, 1935, Serial No. 45,974
2 Claims. (Cl. 95—5.1)

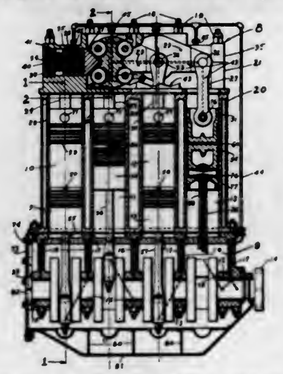


1. The method of multicolor printing to reproduce an original object composed of a plurality of distinct, non-overlapping colored areas, each of said areas being uniformly colored and at least two of said areas being of different hues relative to one another, which consists in preparing a single master drawing of said original by substituting for the separate hues in the colored areas of the original several distinct hues in the corresponding component areas of the drawing and successively photographing the master drawing through each of a plurality of differently colored filters corresponding in number to the number of hues of the original, said several hues of the drawing corresponding in color to the filters used irrespective of the colors of the original so that substantially complete separation of the colors occurs, placing each separation negative in engagement with the presensitized surface of a printing plate blank and photographically reproducing each negative upon a printing plate, etching each plate, and printing in superimposition each plate with an ink corresponding in color to the colored area of the original which such plate represents.

2,129,946
INTERNAL COMBUSTION ENGINE
Harold Stewart Lamb, South Gate, Calif.
Application January 22, 1935, Serial No. 2,894
19 Claims. (Cl. 123—51)

7. In an internal combustion engine including a plurality of cylinders associated in pairs and mounted on a crankcase, said pairs of cylinders having pistons moving simultaneously therein, said crankcase containing webs to form a cell under each cylinder of said engine, a valve mechanism operable to admit a combustible mixture to

the crankcase cells of each pair of cylinders, conduit means connecting said crankcase cells of each pair of cylinders with one cylinder of said pair of cylinders, the other cylinder taking in air through holes uncovered by the piston on its expansion travel in last mentioned cylinder, said



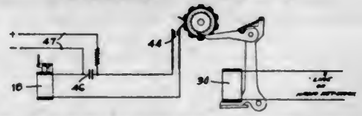
pair of pistons compressing air in one cylinder and combustible mixture in the other cylinder, means to ignite the compressed combustible mixture and means tending to balance the pressure of the burning combustible mixture with the pressure of compressed air and means to rotate the crankshaft in said engine by the pressure thus obtained.

2,129,947
CONTACTING TERMINAL STRUCTURE FOR ELECTRICAL DEVICES
Meyer Lazarus, Brooklyn, N. Y., assignor to Coprox Inc., Brooklyn, N. Y.
Application August 6, 1936, Serial No. 94,525
2 Claims. (Cl. 201—63)



1. A terminal structure for an electrical device including a contacting plate, a metal plate carrier and a layer of an oxide of said carrier on said carrier, a film of an alloy of graphite and a soft metal on said layer, firmly adhering thereto, interposed between said layer and said contacting plate, the metal of the alloy of said film extending into contact with both said layer and said contacting plate and filling the inequalities and interstices in the bodies of both said layer and said contacting plate on the adjacent sides of the same, thereby enhancing the conductivity through the body of said terminal structure.

2,129,948
PRINTING TELEGRAPH CONTROL MECHANISM
Walter S. Lemmon, New York, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application October 2, 1934, Serial No. 746,489
Renewed December 1, 1937
13 Claims. (Cl. 178—23)



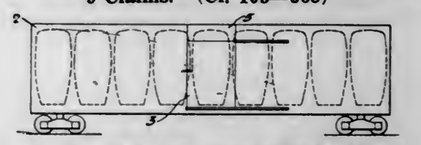
1. In a printing telegraph recording unit, operating instrumentalities, power operated devices individual to said instrumentalities, a plurality of keys each adapted to cause actuation of one of the power operated devices, means for operating said keys, and means to control said key operating means, said control means adapted to function in a different manner upon successive operations thereof.

2,129,949
SECURING DEVICE
Herman G. Lombard, Washington, D. C., assignor to Albert E. Tinnerman, Cleveland, Ohio
Application February 5, 1937, Serial No. 124,307
13 Claims. (Cl. 85—5)



1. In a sheet metal securing device constructed from a blank stamping, a shank comprising laterally spaced, relatively yieldable shank sections substantially flat throughout and integral in the leading end of the device, an auxiliary section integral with one of said shank sections, said auxiliary section being provided from material of the stamping intermediate said shank sections and deformed relative thereto to serve as the head member of the device, at least one of said shank sections being provided with work engaging means.

2,129,950
LOADING AUTOMOBILE BODIES FOR SHIPMENT
Neil M. Loney, Huntington Woods, Mich., assignor to General Motors Corp., Detroit, Mich., a corporation of Delaware
Application July 11, 1936, Serial No. 90,210
9 Claims. (Cl. 105—368)

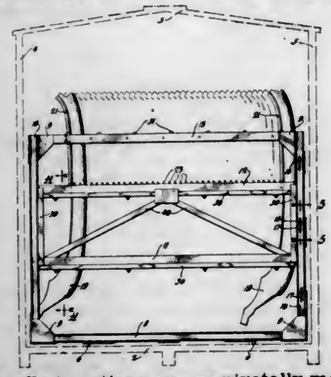


1. To facilitate the handling and storing of articles to be shipped, a transporting carrier having a pair of permanently located guide rails in vertically spaced cooperative relation, a loading dolly having a guide rail adapted to be brought into alined relation to the lowermost guide rail of the carrier, and a vertically disposed load carrying frame having guide rail engaging means near the top and bottom thereof and being adapted for mounting on the dolly for subsequent transfer to the carrier through the agency of said guide rails.

2,129,951
ROOF CONTAINER
Neil M. Loney, Huntington Woods, and William E. Van Berg and Otto Ferguson, Detroit, Mich., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application July 16, 1937, Serial No. 153,902
9 Claims. (Cl. 211—13)

1. A shipping container for containing a number of vertically positioned automobile roof panels which have shouldered offset portions along opposite sides, said container comprising a pair of spaced side walls and a pair of end walls, detachable connections between one of said end walls and the side walls to enable loading and unloading of roof panels through an open end of the

container, longitudinal successions of forks carried by the side walls and arranged so that each fork cooperates with an oppositely disposed fork and the forks of each pair provide locating hangers to suspend a roof panel through engagement



with its offset portions, means pivotally mounting said forks for outward swinging movement, and a series of overcenter clamping devices carried by each side wall for engagement, respectively, with a given panel of a group to draw together the panels of the group.

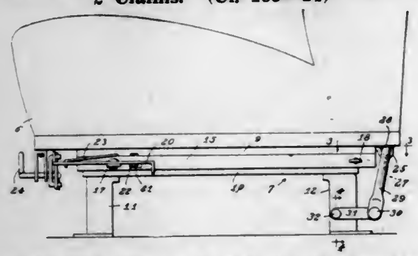
2,129,952

ADJUSTABLE SEAT

Walter R. Lustig, Rockford, Ill., assignor to The Atwood Vacuum Machine Company, Rockford, Ill., a copartnership composed of Seth B. Atwood and James T. Atwood

Application August 8, 1936, Serial No. 94,923

2 Claims. (Cl. 155—14)



1. An equalizer for a slidable seat structure of the type comprising laterally spaced floor brackets, a pair of lower channel tracks rigidly supported on top thereof and slidably supporting inverted channel slides secured to the bottom of a slidably adjustable seat, there being anti-friction rollers entered between said channel tracks and slides, said equalizer comprising an inverted U-shaped equalizer rod the cross-portion of which extends transversely with respect and in close proximity to the ends of said inverted channel slides and the two arms at opposite ends of which reach downwardly alongside said floor brackets, links pivotally connected to the lower ends of said arms and pivoted to said floor brackets, and a pair of brackets projecting from and secured in the ends of the channels in said slides and providing substantially half-round elongated transverse bearing portions for engagement under the cross-portion of the equalizer rod at the opposite ends thereof, confining said rod with freedom for oscillatory movement between the bearing portions and the bottom of the seat.

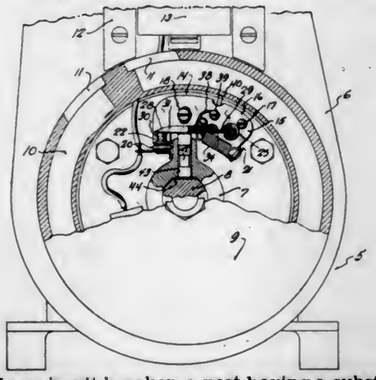
2,129,953

MAGNETO ASSEMBLY

Perry E. Mack, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware

Application July 18, 1936, Serial No. 91,331

12 Claims. (Cl. 200—30)



2. In a circuit breaker, a post having a substantially V-shaped longitudinal groove, a switch arm carrying a contact at one extremity thereof and having its other extremity engaged in said V-shaped groove so that the arm is pivotally supported on the post, a tension spring hooked onto the arm near the post pulling the arm angularly toward the post to retain the arm seated in the groove and to yieldingly hold the arm in circuit closing position, and means engageable with the arm medially of its contact and the point of spring attachment for moving the arm to open circuit position.

2,129,954

METHOD OF MANUFACTURING COATED ABRASIVE ARTICLES

Harry Clifford Martin, Frederick Anthony Upper, and Joseph Bradley Aust, Niagara Falls, N. Y., assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware

No Drawing. Application December 28, 1935, Serial No. 56,530

2 Claims. (Cl. 51—278)

1. The method of making abrasive coated articles consisting essentially of a backing material having a layer of abrasive grains attached to a surface thereof by a heat-hardened resinous binder which comprises dissolving a fusible normally solid phenol-aldehyde condensation product in a normally liquid heat-hardenable phenol-aldehyde condensation product to form a viscous sticky heat-hardenable resinous liquid which adheres to the backing when the coated articles are suspended while hardening the liquid, applying a layer of the liquid to a surface of a backing material, applying a layer of abrasive grains to the adhesive-coated surface, and heating the thus-formed article to rigidify the liquid.

2,129,955

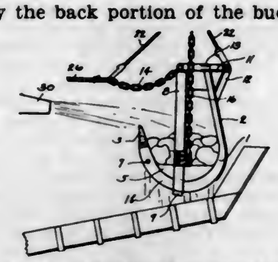
DRAGLINE ROCK SCRAPER

Andrew O. Olson, Snohomish, Wash.

Application December 30, 1935, Serial No. 56,758

2 Claims. (Cl. 37—120)

1. A rock scraper of the character described, comprising a frame structure equipped for attachment to operating lines, a plurality of drag hooks fixed in the frame, transversely aligned and in spaced relation, and a cover plate, secured across the shank portions of the hooks and closing only the back portion of the bucket formed



thereby and an operating line whereby the bucket may be held in suspended position.

2,129,956

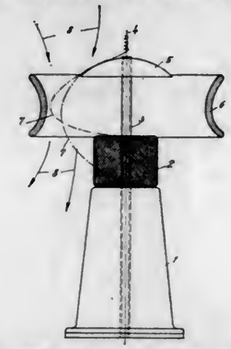
SPIRAL COVERING MACHINE

Carl Theodor Pastor, Huls, near Krefeld, Germany

Application November 11, 1936, Serial No. 110,321

In Germany October 27, 1934

6 Claims. (Cl. 117—42)



1. In a machine for twisting cover threads around a core thread, a rotatable tubular spindle for guiding the core thread, means for holding a bobbin of the cover thread, a thread guide fixedly mounted on one end of said spindle for guiding said cover thread coming from said bobbin around said core thread, said machine being designed to allow, when in operation, said cover thread to form a thread balloon, said thread guide having a guiding surface adapted to the shape of the adjacent part of said balloon, and a stationary ring arranged between said bobbin and said thread guide and having a convex inner annular surface in order to guide the air current produced by said thread guide and said balloon when in operation, said ring surrounding said spindle concentrically and the diameter of the portion of the inner ring surface nearest to said balloon being larger than the diameter of the balloon portion next adjacent to said ring surface.

2,129,957

ANTIRATTLING DEVICE AND LOCK FOR WINDOWS

Charles Pearson, Ingersoll, Ontario, Canada, assignor of one-half to George W. Mallory, Blenheim, Ontario, Canada

Application April 21, 1937, Serial No. 138,275

1 Claim. (Cl. 292—238)

A locking and anti-rattling device for a window sash member, the sash member being slidable in a casing member, said device comprising a plate, a pivot pin projecting from said plate, an arm pivoted on said pin, a resilient element secured to the end of said arm, said arm being of such a length that when said plate is secured to one of said members said arm extends toward the other of said members and the end face of said element is spaced from said pivot pin a distance substantially greater than the shortest distance between the pin and said other member, said end face being adapted to frictionally engage said other member to prevent movement of the other member in one direction but permit movement thereof in the opposite direction, said arm being inclined to the horizontal when so engaging said other member, a counterweight arm projecting from said first mentioned arm at such an angle



thereto as to normally hold said first mentioned arm in substantially horizontal position when unobstructed, said counterweight arm being substantially shorter than the shortest distance between said pin and said other member when the plate is secured to said one member as aforesaid to permit manual swinging of the first mentioned arm outward from an upwardly inclined position to a downwardly inclined position, said arms being so balanced that the resilient element normally tends to constantly engage said other member when said first mentioned arm is in either of said inclined positions.

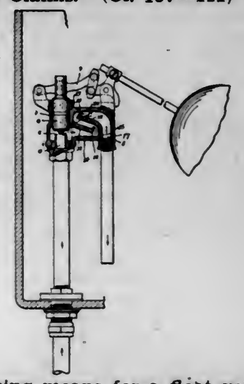
2,129,958

FLOAT VALVE SILENCER

Jacob Podolsky, Dorchester, Mass.

Application August 2, 1933, Serial No. 683,324

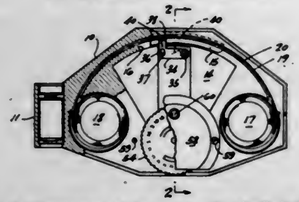
3 Claims. (Cl. 137—111)



1. A silencing means for a float valve having a valve casing provided with an inlet and an outlet, and a valve in the casing for preventing the flow of liquid into the casing through the inlet when the valve is closed, the silencing means comprising two overlapping deflecting walls in the casing, one of the deflecting walls extending from near the inlet toward the outlet to form a passage for deflecting the liquid to cause it to flow from the inlet toward the outlet, the passage tapering gradually from the inlet toward the outlet to restrict the passage, said other deflecting wall extending from near the outlet toward the inlet to form a passage between the deflect-

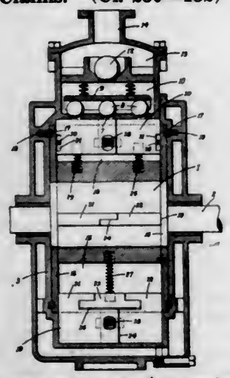
ing walls for deflecting the liquid to cause it to flow around the free end of said one deflecting wall back toward the inlet between said deflecting walls and a passage for deflecting the liquid to cause it to flow toward the outlet once more between said other deflecting wall and an inner wall of the casing, the last-named passage tapering gradually toward the outlet to enlarge the last-named passage, whereby the liquid is caused to flow in the casing from the inlet to the outlet along a zig-zag path comprising said three passages when the valve is open, the walls being disposed and spaced from each other to force the liquid to flow slowly enough along the zig-zag path to cause the liquid substantially to fill the casing during its flow from the inlet to the outlet and consequently to eliminate noise during the closing of the valve.

2,129,959
CAMERA
Gordon B. Pollock, Los Angeles, Calif.
Application May 31, 1935, Serial No. 24,208
Renewed April 29, 1938
17 Claims. (Cl. 95—16)



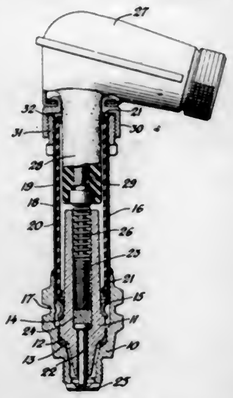
1. In a camera, a box, a pivoted tube-shutter within said box, spring tensioning means for operating said tube-shutter consisting of an arcuate expansion-spring having its opposite ends pivoted to said box and tube-shutter respectively so that at the beginning of its operative expansion its force is applied in a direction tangent to the arc of a circle representing the operative movement of the shutter, but which will, as such expansion proceeds, gradually change its line of force so as to be applied on a chord of said arc, thus counteracting tendency of acceleration of movement of said shutter after initial inertia is overcome.

2,129,960
ROTARY COMPRESSOR
Harry A. Presby, Sacramento, Calif., assignor of thirty-seven and one-half percent to Frances M. Smith and twenty-five percent to B. P. Craig, both of Sacramento, Calif.
Application January 30, 1937, Serial No. 123,211
4 Claims. (Cl. 230—152)



1. In a rotary compressor, a rotor having radial slots, vanes slidably mounted in said slots, said vanes each comprising a pair of sections step-cut at adjacent ends and disposed in overlapping relation, said sections being movable apart axially of the rotor, an inverted T-shaped slot cut in each vane from the inner end and centrally of its sides, a T-shaped element disposed in said slot, a compression spring interposed between said sections outwardly of the slot and acting to force the sections apart, and another compression spring extending radially between the central leg of said inverted T-shaped element and the rotor to force each vane radially out.

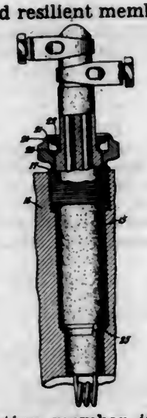
2,129,961
RADIO SHIELDED SPARK PLUG
Hector Rabezzana, Flint, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application March 27, 1937, Serial No. 133,340
4 Claims. (Cl. 123—169)



1. In a radio shielded spark plug, a hollow metallic shell or casing; a tubular metallic shield carried by said shell; an insulating member within said shell and extending into said shield, and which insulating member is held in place within said shell by said tubular metallic shield; a passage extending longitudinally of said insulating member and the outer part of which is cylindrical in form; a central electrode within said passage; and a coil spring within the outer cylindrical part of said passage and extending beyond the outer end of said insulating member, and which spring contacts with said central electrode so as to supply current thereto.

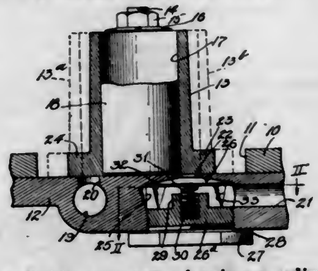
2,129,962
SPARK PLUG
Hector Rabezzana, Flint, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application March 27, 1937, Serial No. 133,341
6 Claims. (Cl. 123—169)

1. In a spark plug and in combination with an insulating member having an annular shoulder adjacent its upper end; an annular metallic resilient member C-shaped in cross-section surrounding said insulating member and resting upon said shoulder, and which member comprises lower and upper parts spaced apart from one another and an intermediate part offset toward the axis of said insulating member; and means engaging the upper end of said resilient member for holding it



and said insulating member in place within a suitable shell or casing.

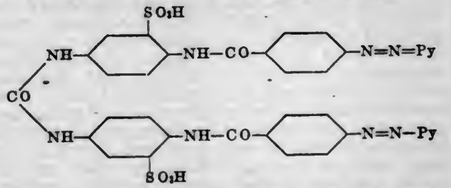
2,129,963
VALVE
Charles L. Rayfield, Chicago, Ill., assignor to Ray Engineering Company, Chicago, Ill., a corporation of Illinois
Application February 20, 1937, Serial No. 126,771
14 Claims. (Cl. 230—228)



1. In a fluid compressor having a cylinder and reciprocable piston operatively associated, an exhaust port from said cylinder, a main slide valve closing said port substantially at the end of the compression stroke of said piston, an auxiliary valve adapted to subsequently close said port, and means for cushioning the closing of the auxiliary valve, whereby valve slap is substantially eliminated.

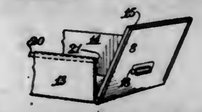
2,129,964
AZO DYESTUFFS
Hans Roos, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application June 5, 1935, Serial No. 25,179. In Germany June 21, 1934
3 Claims. (Cl. 260—160)

1. Azodyestuffs after the general formula



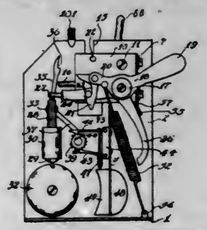
wherein Py stands for the radical of a 1-meta-aminophenyl - 5 - pyrazolone - 3 - carboxylic acid, dyeing the vegetable fiber yellow shades which can be discharged to a pure white both with a neutral and an alkaline reacting discharge paste.

2,129,965
DRAWER AND THE LIKE
Edwin S. Roscoe, Rochester, N. Y., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y., a corporation of New York
Application June 5, 1936, Serial No. 83,707
3 Claims. (Cl. 229—30)



1. A drawer comprising a body made from fibrous sheet material and having ends and sides formed by slitting and folding the material on itself, flat metal strips extending throughout the length of said sides and secured in the folds adjacent the upper edges of said sides to project beyond the ends thereof, rigid reinforcing members channel-shaped in cross section gripping the free margins of each of the ends, and means on the projecting ends of said strips for engagement with cooperating means on said members for attaching the ends to the sides.

2,129,966
TRAP TIMER
Arthur E. Roth, Prairie Du Chien, Wis.
Application October 12, 1936, Serial No. 105,270
8 Claims. (Cl. 200—33)

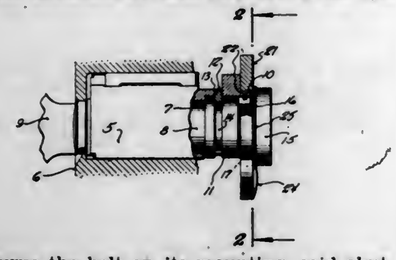


1. A variable delay circuit closer comprising in combination, a switch, a weight mounted to operate said switch upon a release of said weight, setting means mounted to raise said weight to a suspended position, and mechanically actuated means actuated upon a suspension of said weight to release said weight upon the completion of an indeterminate cycle of operation of said mechanically actuated means to operate said switch.

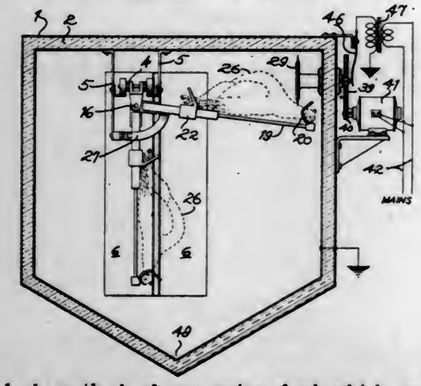
2,129,967
LOCK
Hugo G. Rubner, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware
Application October 16, 1937, Serial No. 169,394
10 Claims. (Cl. 70—379)

1. In a lock: a bored casing; a cylinder rotatable therein; key controlled locking means carried by the cylinder and engageable with the casing in one position of the cylinder's rotation to secure the cylinder against rotation, said locking means and the casing being so constructed that the key can be inserted and withdrawn only when the cylinder is in said position of rotation; a locking bolt having a round hole to fit a casing

part so that the bolt is rotatably mounted thereon; a radial abutment extended inwardly from the edge of the hole; and a radial abutment projecting outwardly from the cylinder in line with the other abutment so that rotation of the cylinder turns the bolt on its mounting, said abutments being of such circumferential length that a complete turn of the cylinder turns the bolt between locked and unlocked positions so that the key may be withdrawn in both positions.

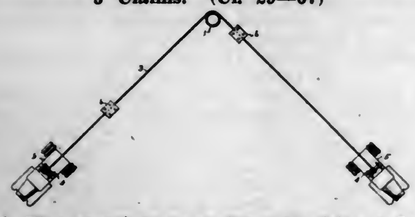


2,129,968
MEANS AND METHOD OF PROCESSING FOWL
Otto Elmer Sargent and James Raymond Pichinino, San Francisco, Calif.
Application February 2, 1937, Serial No. 123,576
11 Claims. (Cl. 17—11)



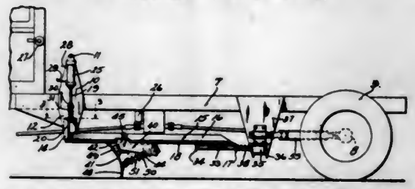
1. A method of processing fowl which comprises cutting the throat of the fowl, and passing an electric current into the fowl during the cutting operation at the cut.

2,129,969
APPARATUS FOR SEVERING PIPE
Russell C. Showalter, Oklahoma City, Okla.
Application January 27, 1936, Serial No. 60,986
3 Claims. (Cl. 29—67)



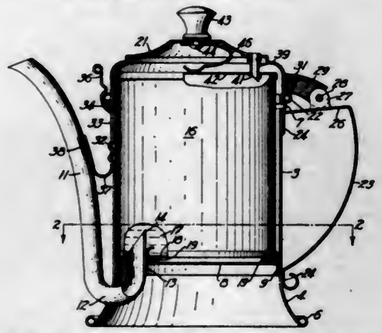
1. Pipe severing apparatus comprising a flexible line, truck mounted drums on which the respective ends of the line are wound and means for reciprocating the line about, and in frictional contact with, the pipe to be severed, and tension weights attached to the line on opposite sides of the pipe.

2,129,970
UNDERBODY SCRAPER INSTALLATION
George Douglas Simonds, Clintonville, Wis., assignor to Four Wheel Drive Auto Company, Clintonville, Wis., a corporation of Wisconsin
Application April 30, 1936, Serial No. 77,129
11 Claims. (Cl. 37—159)



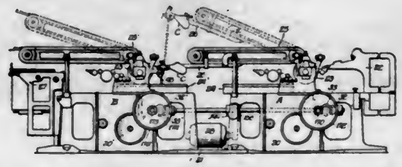
1. In a device of the character described, a subframe comprising opposed complementary arcuate frame elements having corresponding ends free and having their opposite ends extended and connected, means spanning the arc of each such element for the reinforcement thereof, a sliding support for the connected ends of said elements, and means against which the free ends of said elements are engaged to resist lateral displacement.

2,129,971
DISPENSER
Frederick E. Smith, San Leandro, Calif.
Application March 26, 1937, Serial No. 133,226
2 Claims. (Cl. 221—23)



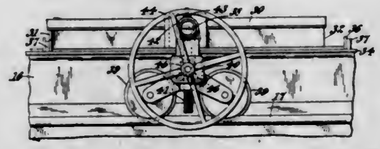
1. A dispenser adapted to enclose a container, having pourable material therein, comprising a tubular body surrounding said container and being of lesser length than the container whereby a material portion of the latter projects from said body, a cover provided with a marginal bead movably mounted on said body to enclose the portion of said container projecting therefrom, a bottom plate in said body and positioned adjacent an end of said container, a tubular spout mounted on and entering said body through said bottom plate, said spout having a pointed end thereon for piercing the end of said container positioned adjacent said bottom plate to provide communication between the interior of the container and said spout, a resilient gasket disposed between the end of said container and said bottom plate and surrounding a portion of said spout, resilient means carried by said cover for urging the end of said container against said gasket, a resilient member secured to said body having a portion thereof overlying the head of said cover to releasably maintain the latter in position on said tubular body, and an integral extended portion of said resilient member secured to said spout.

2,129,972
PRINTING PRESS MECHANISM
Burt D. Stevens, Chicago, and Edward F. Dudley, Oak Park, Ill., and Ernest A. Verrinder, Redlands, Calif., assignors to Miehle Printing Press and Manufacturing Company, Chicago, Ill., a corporation of Illinois
Original application December 1, 1933, Serial No. 700,416. Patent No. 2,085,833, dated July 6, 1937. Divided and this application April 15, 1937, Serial No. 136,998
20 Claims. (Cl. 271—46)



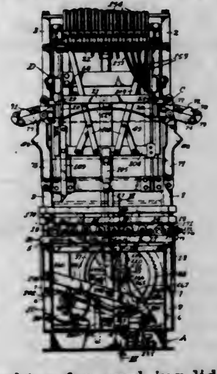
1. In a printing press, the combination of a forwarding table, registering means, sheet controlling means associated with said table and comprising a series of sheet conveying elements, means whereby the speed of some of said elements is varied to slow down a sheet and control it as it approaches said registering means, and means for imparting to said latter elements a lateral motion.

2,129,973
SHIP'S HATCH COVER
John Tutin, London, England
Application February 16, 1937, Serial No. 126,066
In Great Britain February 22, 1936
3 Claims. (Cl. 114—202)



1. Apparatus for lifting ship's hatchway cover members from the hatch and transporting them to a stowage space comprising a cover member, two coaxial jack-connecting parts on opposite sides of the cover member, two travelling removable and portable lifting jacks each having two track wheels, a lifting pillar, and a cover-connecting part on the pillar adapted to engage a said jack-connecting part on the cover member, and two track rails lying at opposite sides of the hatch and extending alongside the stowage space, one track rail for each lifting jack, in combination with two stowage rails arranged each in spaced parallel relation with one of the track rails at the stowage space, which jack-connecting parts are constituted by spindles projecting laterally from the cover member, and which cover-connecting parts are constituted by bearings each for receiving a said spindle adapted to rotate therein, which spindles, while situated in said bearings, have parts adapted to rest on and be supported by said stowage rails.

2,129,974
BOX LIDDING MACHINE
Herbert E. Twomley, Riverside, Calif., assignor, by mesne assignments, to Food Machinery Corporation, a corporation of Delaware
Application August 10, 1934, Serial No. 739,276
23 Claims. (Cl. 1—10)



1. In a machine for applying lids to boxes, a nailing table for supporting a box in position to receive a lid, a pressframe, means mounting said pressframe for movement toward and away from said nailing table, a nailing head, means mounting said nailing head for movement toward and away from said nailing table, and means for moving said pressframe and said nailing head simultaneously toward said nailing table to press a cover upon a box, and additional means for separately moving said nailing head relative to said pressframe for nailing a cover to the box.

2,129,975
ACOUSTICAL TILE CLIP
Leon F. Urbain, Chicago, Ill.
Application May 11, 1935, Serial No. 20,924
13 Claims. (Cl. 72—118)



2. An acoustical tile clip of sheet metal for cooperation with a channel member and comprising a base shaped to fit within such channel member, a Y-shaped extension from said base and protruding from such channel member, and a pointed prong on each arm of the Y-shaped extension and at an angle to the plane of said extension.

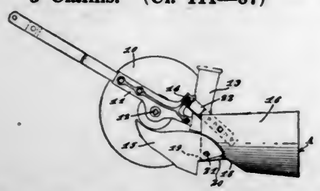
2,129,976
CLIP AND CHANNEL
Leon F. Urbain and Frank W. Cherry, Chicago, Ill.
Application May 20, 1935, Serial No. 22,331
9 Claims. (Cl. 20—8)



1. A floor board clip comprising a horizontal base, a section rising vertically therefrom and wider than said base, said base being inset from the side edges of the vertical section, and oppo-

sitely directed substantially horizontal sections upon the upper edge of said vertical section to extend over sections of board.

2,129,977
ATTACHMENT FOR LISTER DISK FURROW OPENERS
Carl W. Wurtele, Chappell, Nebr.
Application December 27, 1937, Serial No. 181,857
3 Claims. (Cl. 111—87)



1. An attachment of the class described, comprising, an elongated body adapted for attachment to a furrow opener equipped with a furrow disk and shoe and in rear of the furrow disk and shoe, said body notched in the lower section thereof to permit a grading of the soil for distribution within the furrow formed by said disk and shoe.

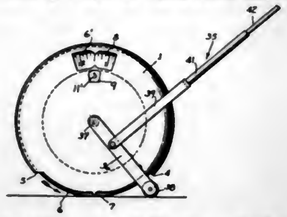
2,129,978
CYLINDRICAL FOUNDATION TUBE
Ko Yokoyama, Tokyo, Japan
Application April 27, 1936, Serial No. 76,678
3 Claims. (Cl. 61—50)



1. A cylindrical foundation tube made of concrete or masonry work comprising water supply pipes embedded in the wall of said tube and grooves provided on the external wall of said tube for spreading water along the outer surface of said tube.

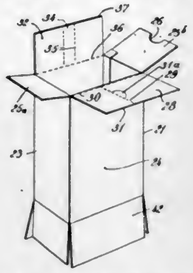
2,129,979
MEASURING DEVICE
Carl Westervelt, Caldwell, George L. Storm, West Orange, and Arthur Kaufmann, Essex Fells, N. J., assignors to The Fells Company Incorporated, Essex Fells, N. J., a corporation of New Jersey
Application May 8, 1936, Serial No. 78,544
13 Claims. (Cl. 33—142)

1. A measuring instrument of the character set forth comprising a pair of mating disc-like casing frame members, a traction disc journaled therein, one of said frames carrying a cam member, a spring operating member carried by the traction disc and disposed in the path of the cam, a second disc journaled in the casing frame adjacent the traction disc, said second disc having means thereon engaged by the spring member when riding up the cam surface for intermittently actuating the second disc, means interengaging said discs permitting relative rotation in one direction of movement of the traction disc, but preventing relative backward movement and



permitting resetting the second disc when a backward movement is given to the traction disc, and exposed scales on both of said discs.

2,129,980
CARTON
Clarence J. Alfred, Orange, N. J., assignor to The American Sugar Refining Company, New York, N. Y., a corporation of New Jersey
Application April 17, 1936, Serial No. 74,819
8 Claims. (Cl. 229—51)

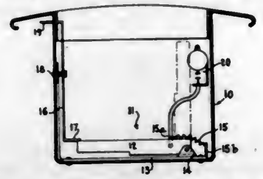


1. In a carton, the combination of a pair of inner flaps extending from opposite walls of the carton and folded inwardly, said flaps lying with their end edges almost in contact with one another, an intermediate flap extending inwardly from another wall of the carton over said inner flaps, said intermediate flap being sub-divided into two portions by a weakened line extending entirely across said flap and lying in substantial registry with the space between the end edges of said inner flaps, an outer flap extending from another wall of the carton and folded inwardly over said intermediate flap, said outer flap being provided with a movable section extending from the free edge of the flap to the line of junction with the latter to its carton wall and overlying the weakened line in said intermediate flap, said intermediate and outer flaps being weakened along their lines of junction with the walls of the carton from which they extend, and films of adhesive between the intermediate flap and the inner flaps and between the outer flap and the intermediate flap.

2,129,981
AMUSEMENT DEVICE
Felix Alva, New York, N. Y.
Application February 2, 1938, Serial No. 188,382
5 Claims. (Cl. 272—8)

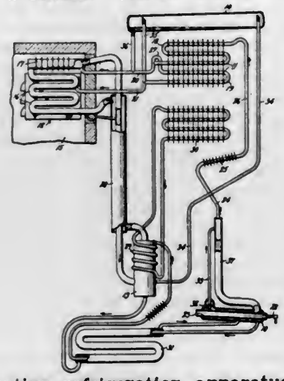
1. A device of the type described comprising a box-like casing, a relatively fixedly mounted partition within said casing dividing the interior thereof into a first and a second compartment, means for positively ejecting cards and the like positioned in said first compartment therefrom, means for positively ejecting cards and the like

positioned in said second compartment therefrom, and means for intermittently actuating said ejecting means associated with said first compartment and for actuating said ejecting means associated



with said second compartment at a predetermined spaced time interval after actuation of ejecting means associated with said first compartment.

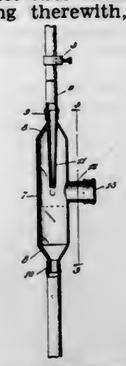
2,129,982
REFRIGERATION
Carl T. Ashby, Evansville, Ind., assignor to Servel, Inc., New York, N. Y., a corporation of Delaware
Application December 8, 1936, Serial No. 114,731
2 Claims. (Cl. 62—119.5)



1. Absorption refrigeration apparatus including an evaporator constructed and arranged for upward flow of gas therethrough and continuously downward flow of liquid in the presence of the gas, an absorber, members forming a circuit for gas through and between said evaporator and absorber, a generator, members connecting said generator and absorber for circulation of absorption liquid therethrough and therebetween, a condenser connected to receive vapor from said generator, a conduit for liquid from an intermediate part of said condenser to the upper part of said evaporator, a conduit for liquid from the outlet end of said condenser to an intermediate part of said evaporator, a vessel at a level above said evaporator, a conduit from the outlet end of said condenser to said vessel, a conduit from said vessel to said gas circuit, and a conduit for liquid from said vessel to the upper part of said evaporator.

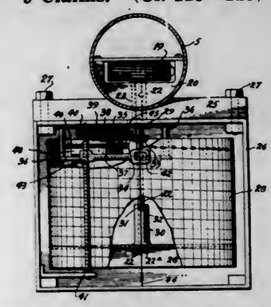
2,129,983
SURGICAL APPLIANCE
Jay Harvey Bacon, Peoria, Ill.
Application April 6, 1936, Serial No. 73,008
3 Claims. (Cl. 128—214)

1. In a device of the class described, a casing having oppositely tapered ends terminating in nipples, means connecting said casing with a source of liquid supply, means connecting the other of said nipples with an hypodermic needle, a dropper tube extending axially within the casing and adapted for measuring liquid flow through said casing, an inlet tube formed on the casing and communicating therewith, and a resilient



puncturable cap normally closing the inlet tube, said cap being adapted to be punctured by puncturing means for permitting injection of a substance from said means into said casing for flow to the hypodermic needle.

2,129,984
DRUM TYPE INDICATOR
Leonard Bernard Bacon, East Brunswick, Australia
Original application December 17, 1930, Serial No. 503,080. Patent No. 2,054,212, dated September 15, 1936. Divided and this application August 15, 1936, Serial No. 96,299. In Australia September 9, 1930
9 Claims. (Cl. 116—118)



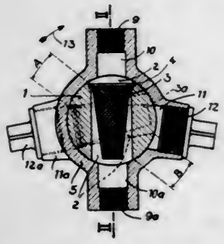
1. A liquid level indicating device, comprising an actuating rotary member; an indicating drum mounted for rotation in either direction and actuated in one direction by said rotary member, said drum provided with indicating indicia spirally arranged circumferentially and longitudinally thereof; a rotary screw arranged longitudinally and exteriorly of said drum and mounted for rotation in either direction; an indicator arranged exteriorly of said drum circumference and operatively associated with said screw for movement in either direction longitudinally of said drum circumference for visible association with said drum indicia; gearing operatively connecting said drum and said screw for causing simultaneous rotation of the drum and screw; and spring means operatively associated with said gearing and wound up thereby when said drum is rotated by said rotary member, said gearing drum, screw and member being simultaneously rotated in the reverse direction by the unwinding of said spring means.

2,129,985

FILTER CONTRIVANCE FOR THE REMOVAL OF IMPURITIES FROM GASEOUS OR LIQUID MEDIA

Walter Bartsch, Essen, Germany, assignor to "Wistra" Ofenbau-Gesellschaft m. b. H., Essen, Germany

Application August 15, 1936, Serial No. 96,170
In Germany August 21, 1935
2 Claims. (Cl. 210—168)



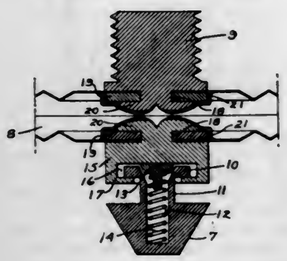
1. A filtering device comprising a casing having inlet and outlet openings, a plug member rotatably mounted within said casing and having a plurality of transverse holes adapted alternatively to place said inlet and outlet openings in communication, and basket shaped filter members mounted in said transverse holes, said transverse holes being spaced apart longitudinally of said plug member and obliquely disposed relative to each other, said casing having openings for permitting access to said filters when in inoperative position, and said plug being adapted, in one position, to close off said outlet opening from said inlet opening.

2,129,986

STEAM TRAP

Victor A. Berghoefer, Milwaukee, Wis., assignor to Sterling Engineering Company, Milwaukee, Wis., a corporation of Wisconsin

Application October 24, 1935, Serial No. 46,467
2 Claims. (Cl. 236—58)



1. In a thermostatic valve, the combination of a temperature responsive member, a connector fastened to said member and having a recess therein, a valve member having a stem fixed at one of its ends thereto, a flange fixed to the other end of said stem and arranged within said recess, a flange formed integral with said connector and extending around said recess and said stem to fasten said valve member to said connector, a spring arranged within said valve member and reacting against said connector for holding the flange on said stem against the flange on said connector, and a friction block arranged between said spring and the end of said recess.

2,129,987

METHOD AND APPARATUS FOR COOLING DENTAL IMPRESSIONS

Ralph Berkson, Champaign, Ill.

Application June 21, 1937, Serial No. 149,355
6 Claims. (Cl. 32—17)



6. An impression material device comprising a preformed tray of highly thermal conductive material, a refrigerant expansion tube applied to the surface of said tray, a solid rubber entrant stopper at one end of said tube to tightly receive the discharge end of a refrigerant supply needle, a refrigerant discharge needle engaging said expansion tube rubber entrant stopper to communicate with the interior of said expansion tube, means for supplying a refrigerant through said needle, and a valve for controlling the supply of a highly compressed refrigerant to said expansion tube.

2,129,988

MERCURIZED HALOGEN METHANE SULPHONIC ACIDS AND THEIR SALTS AND THE PREPARATION THEREOF

Arthur Binz, Berlin, Germany, and Boland Hughes, Carbondale, Pa., assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application April 1, 1935, Serial No. 14,186. In Germany April 3, 1934
14 Claims. (Cl. 260—503)

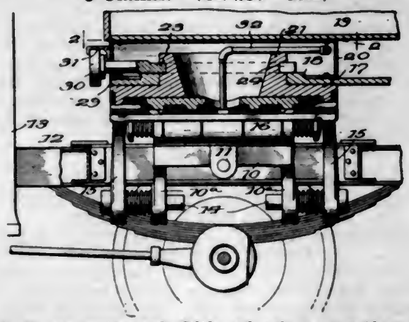
1. Mercurized organic compound selected from the group consisting of mercurized halogen methane sulphonic acids and salts of the group consisting of the alkali metal, alkaline earth metal (including magnesium) and ammonium salts of such acids in which one valency of the mercury atom is attached to the carbon atom of the halogen methane sulphonic acid radical in which at the most two valencies of the carbon atom are bound to sulphonic acid groups, the remaining valencies of the carbon atom being occupied by halogen, and in which the other valency of the mercury atom is attached to a group selected from the class consisting of the hydroxyl group and the halogen methane sulphonic acid group as specified.

2,129,989

FIFTH WHEEL CONSTRUCTION FOR TRAILERS

Charles E. Bradshaw, Wellville, Va., assignor of one-third to Charles Martin, Wellville, Va.

Application October 22, 1936, Serial No. 107,067
3 Claims. (Cl. 280—33.1)



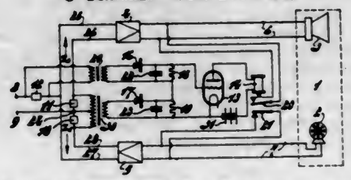
1. In a universal fifth wheel connection for tractors and trailers, the combination of a turntable pivotally mounted on the tractor, a tubular extension formed concentrically with respect to the axial center of the turntable and having an annular recess in the exterior thereof, and a split locking ring on said trailer, one segment being slidable into and out of said annular recess and the remaining segments of said ring being pivotally attached to the trailer and movable into and out of locking engagement with said recess.

2,129,990

TELEPHONY

Frank de Fremery, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands

Application September 19, 1936, Serial No. 101,669
In Germany September 19, 1935
3 Claims. (Cl. 178—44)



1. A duplex communication system comprising a subscriber line, a receiving channel and a transmitting channel connected to said subscriber line in a fork arrangement without the use of a line balance, a back-coupling suppressor for short-circuiting either the receiving or the transmitting channel, and means for controlling said back-coupling suppressor comprising an auxiliary impedance in series with the subscriber line and serving to produce a controlling voltage, a supplementary impedance in said receiving channel, a second supplementary impedance in said transmitting channel, said supplementary impedances being connected in series and serving to produce a controlling voltage, the alternating currents coming from the subscriber line producing equal and opposite voltages in said supplementary impedances, said supplementary impedances forming with the input impedance of the transmitting channel and the output impedance of the receiving channel a bridge arrangement having a diagonal comprising the subscriber line in series with said auxiliary impedance, means for rectifying the voltage produced across the auxiliary impedance to produce a rectified voltage which controls the suppressor in one direction, and means for rectifying the voltage produced across the series-connection of the supplementary impedances to produce a rectified voltage which controls the suppressor in the opposite direction.

2,129,991

1-ACIDYLAMINO-2-METHYL-4-AMINOANTHRAQUINONES

Joseph Deinet, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application January 25, 1937, Serial No. 122,219
4 Claims. (Cl. 260—377)

1. As new compounds, 1-acidylamino-2-methyl-4-aminoanthraquinones wherein the acidyl group is of the benzene series.

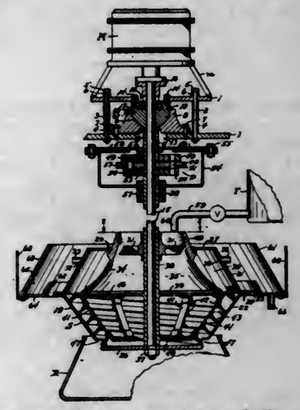
2,129,992

CENTRIFUGAL SEPARATOR

Anthony De Mattia, Solvay, N. Y.

Application April 9, 1937, Serial No. 136,000
5 Claims. (Cl. 233—7)

1. A centrifugal separator of the class described, comprising a shell composed of two sections of generally frustro-conical configuration secured base-to-base, a downwardly outwardly flaring annular shield disposed within the upper shell section in spaced relation to the peripheral wall thereof, said upper shell section being provided with a central intake hopper at its upper end opening into the space within the shield aforesaid, and also provided with a plurality of fluid outlet ports in its peripheral wall adjacent to the upper end thereof and communicating directly with the annular space between the peripheral wall of the upper shell and the shield, said shield extending downwardly within the upper shell at least a substantial distance below the fluid outlet ports, a helical screw blade coaxially mounted within the lower shell section and arranged to contact the peripheral wall thereof, said screw blade being secured to a plurality of inclined bars arranged in circumferentially spaced relation to each other, and the bars being secured to the outer margins of a pair of axially spaced imperforate disc-like heads, one of which heads is disposed in a position spaced slightly below the lower extremity of the shield aforesaid to provide an annular passage therebetween, said lower shell section having a discharge opening at its lower extremity through which solid materials are adapted to be discharged, and means for rotating the shell aforesaid and screw blade in the same direction about their common axis but at relatively different speeds, whereby to cause the fluid of a mixture of fluid and solid matter to be separated and discharged through the aforementioned outlet ports, and the solid matter to be positively fed by the screw blade to the lower discharge opening through which it is adapted to be discharged when the mixture is introduced into the shell through the hopper aforesaid and subjected to the centrifugal force produced by the rotatable parts.



2. In a centrifugal separator of the class described, including coacting rotary parts coaxially arranged for rotation in the same direction but at relatively different speeds about a common vertical axis, and means for admitting a mixture thereto and for separately discharging therefrom the fluid and solid portions of said mixture responsive to the centrifugal action of said parts thereon, driving means for said rotary parts comprising a vertically disposed drive shaft operatively connected to one of said parts and serving to suspend the same at the lower end thereof, a sleeve rotatably mounted on said drive shaft and operatively connected thereto and to the other of said rotary parts so as to produce differ-

ential rotation thereof, and a self-centering support for said drive shaft, the latter including a fixed part having a partly spherical socket formed in its upper side, a hub embracing the upper end of said drive shaft and extending through said fixed part and having a partly spherical head provided at its upper end, which head is adapted to be seated in the socket aforesaid, and coacting abutment means extending between the head and the spherical socket aforesaid for positively restraining said head against rotary movement within the socket relative to the axis thereof, but permitting axial rocking movement of the head in the socket.

2,129,993

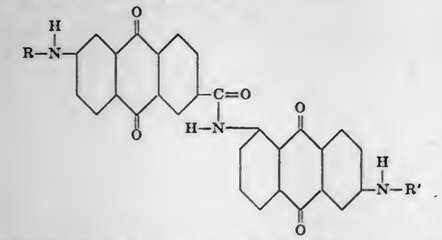
ANTHRAQUINONOYL AMINOANTHRAQUINONES

Joseph Deinet, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application July 6, 1937, Serial No. 152,146

2 Claims. (Cl. 260—368)

1. Anthraquinonoylaminoanthraquinone dyestuffs of the general formula



wherein R and R′ stand for radicals of the anthraquinone series which are attached to the N atom in an alpha position, which dye cotton in orange-red, and red to deep purple shades.

2,129,994

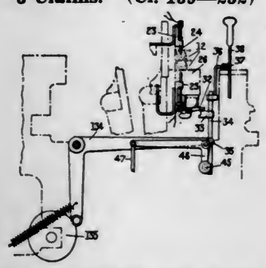
AUTOMATIC WEFT-REPLENISHING LOOM

William Alexander Dickie, Frank Corbyn Hale, and William Howarth, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware

Application April 14, 1931, Serial No. 530,018

In Great Britain June 12, 1930

3 Claims. (Cl. 139—232)



1. In a loom the combination of the lay having shifting shuttle boxes at one end adapted to receive a plurality of alternately active shuttles, with a filling feeler positioned to continuously feel for filling in the inactive shuttle so long as such shuttle remains in inactive position, an electric circuit closed by said feeler when it detects substantial exhaustion of the filling supply, a member normally moving in a fixed path, a latch operative to effect a predetermined change in the operation of the loom, and means including an electro-magnet in the said circuit for establishing an operative connection between the latch and the said member after the circuit has remained closed not less than one pick.

2,129,995

SAPONIFICATION OF ORGANIC ESTERS OF CELLULOSE

Henry Dreyfus, London, England

No Drawing. Application September 5, 1935, Serial No. 39,287. In Great Britain September 17, 1934

5 Claims. (Cl. 8—20)

1. Process for the saponification of organic esters of cellulose, comprising treating the ester with a saponifying medium until a color change, due to the presence in the saponifying medium of a coloring agent having different affinities for the saponified and the unsaponified ester, has progressed to a predetermined degree, thereupon interrupting the saponification, and thereafter removing the color due to the presence of said coloring agent from the ester.

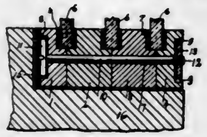
2,129,996

REFRIGERATOR DISPLAY CASE

William J. Drucker, Richmond Hill, N. Y., assignor to Frederick Drucker, Richmond Hill, N. Y.

Application February 8, 1937, Serial No. 124,680

1 Claim. (Cl. 20—56.5)



In a refrigerated display case with a separately installed display unit, made of a plurality of window panes, spacing mouldings, flexible sealing means and assembly means, the spacing mouldings provided at their contacting sides with recesses, reaching from the moulding edge to a depth slightly above the assembly bolt hole, the end mouldings to have each one recess, and the inside mouldings to have each two recesses, all of the same size, two of said recesses of the contacting mouldings forming in assembly an elongated groove, holding interposed one window pane, flanked by the flexible sealing means, the mouldings to be provided at their center portion with through going holes, properly spaced apart all around and adjacent the periphery of said unit, said holes to line up in assembly, and marking a path through all the spacing mouldings, from one side of the unit to the other side, the outside portion of the end mouldings provided with countersinks at said holes, which are to receive assembly bolts and nuts, to hold the unit rigidly assembled.

2,129,997

CIGAR BUNCHING MACHINE

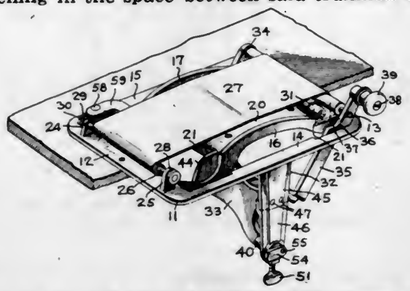
Harold Enfield, York, Pa., assignor, by mesne assignments, to Robert E. Manley, York, Pa.

Application March 16, 1936, Serial No. 69,051

1 Claim. (Cl. 131—42)

A device of the class described comprising a pair of spaced apart downwardly extending rigid arms, connected at their upper ends, each of said arms having an elongated vertically disposed opening formed in its lower extremity, the

opening extending through the arm, a member disposed between said arms and free to swing therebetween, an outwardly projecting boss integral with said member and extending from each end thereof, each boss having a face covering the adjacent side of said elongated opening, each boss also having a threaded bore formed longitudinally therein, a trunnion having a threaded shank mounted in the threaded opening of each boss, said trunnion being disposed in said arm opening and having its outer end portion spaced from the outer face of said arm, an expansible coil spring mounted in said arm opening in the space between said trunnion and



the upper wall of said opening and urging said trunnion downwardly towards the bottom of the opening, a thumb screw shank mounted in the lower extremity of said arm below the opening in the arm, the upper end of said thumb screw bearing against the trunnion and urging the trunnion upwardly against said coil spring, a block disposed in said opening in the space between the spring and the outer wall of said arm, and a plate pivotally mounted on the outer wall of the lower extremity of said arm and covering said opening, said plate preventing lateral outward displacement of said block and said coil spring.

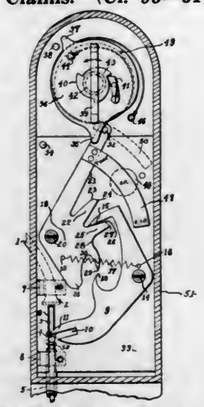
2,129,998

AUTOMATIC CABLE-RELEASE LOCK FOR CAMERAS

Gillock Everhart, Lawrence, Kans., assignor of one-third to George W. Everhart, Lawrence, Kans., and one-third to E. B. Everhart, Kansas City, Mo.

Application August 26, 1936, Serial No. 98,059

11 Claims. (Cl. 95—31)



1. In a camera having a shutter cable-release and a manually operated roll film wind-up device, said device including a rotatable key-carrying member, a film roll winding shaft, and a pawl and ratchet connection between said key-carrying member and said shaft; the combination with said key-carrying member of means to lock said cable release against action after the cable-release shall have been actuated to effect a complete operation of opening and subsequently closing the shutter regardless of whether the shutter be adjusted for instantaneous, bulb or time exposures.

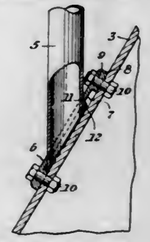
2,129,999

POST SUPPORTING STRUCTURE AND MANUFACTURE THEREOF

Wylie B. Ewing, Wheeling, W. Va., assignor, by mesne assignments, to Vulcan Rail and Construction Company, Maspeth, N. Y., a corporation of New York

Application May 18, 1935, Serial No. 22,237

15 Claims. (Cl. 29—148.2)



6. Post supporting structure, comprising an attaching member adapted to be attached to a base, said attaching member having an opening therein, and a post having a portion within said opening, said post and attaching member being deposit welded together within the confines of the attaching member.

14. A method of forming a post supporting structure, comprising providing an attaching member having therein a post receiving opening, inserting a post into said opening, and deposit welding together the attaching member and post at an unexposed portion of said structure.

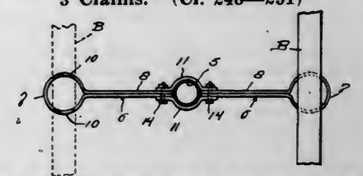
2,130,000

SUPPORTING RACK

Edgar E. Fay, New York, N. Y.

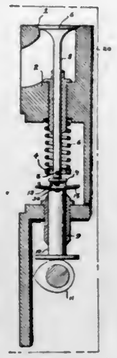
Application October 25, 1937, Serial No. 170,922

3 Claims. (Cl. 248—251)



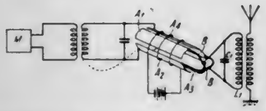
1. A bracket comprising a supporting arm and a bar-receiving and supporting member both formed of a single piece of sheet metal return bent intermediate its ends, the major free end portions of said piece of sheet metal forming the supporting arm of two thicknesses of material, and the portion of the sheet metal adjacent the bend providing said bar-receiving and supporting member and embodying two thicknesses having transverse alined notches to receive the bar, said thicknesses of the bar-receiving and supporting member being spaced apart and having the notches thereof formed to require forcible engagement of the bar therein and to set up gripping engagement with said bar.

2,130,001
FLEXIBLE SPACER FOR VALVE MECHANISM
George M. Fitts, Washington, D. C.
Application November 10, 1936, Serial No. 110,163
7 Claims. (Cl. 123—90)



3. A resilient spacer adapted for interposition in valve actuating mechanism comprising a sheet-metal blank folded upon itself and shaped to provide superposed leaves of relatively varying degrees of curvature to normally insure clearance space therebetween, and means for interengaging the meeting end edges of the folded blank.

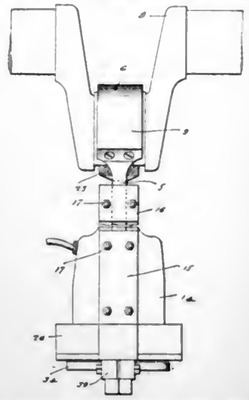
2,130,002
MAGNETRON GENERATOR
Karl Fritz, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application December 31, 1935, Serial No. 56,856
In Germany December 22, 1934
6 Claims. (Cl. 250—36)



6. A generator of the magnetron type having an electron discharge tube, a plurality of anode segments of cylindrical contour and a centrally disposed linear cathode within said tube, a conductive loop comprising two parallel members on opposite sides of said cathode and a bridging member interconnecting said parallel members at one end thereof, and means for feeding high frequency current through said loop from the open ends thereof and for producing a transverse alternating magnetic field at an angle to the electrode axis of said tube.

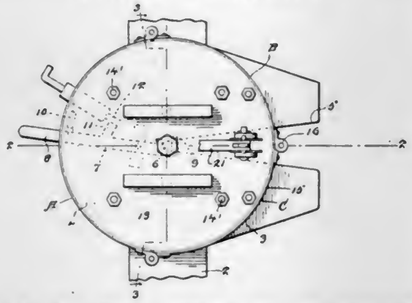
2,130,003
CRANKSHAFT GRINDER
Elmer Fuglie and Ore Oelkers, Mazeppa, Minn.
Application April 30, 1938, Serial No. 205,361
3 Claims. (Cl. 51—241)

2. A tool for grinding automobile crank shafts comprising a shaft provided at one end with a head adapted to be disposed concentric to the throw of the crank shaft, a casting mounted on the shaft of the grinding tool to oscillate relative thereto, a power-driven abrasive element mounted on said casting and arranged to contact the throw of the crank shaft, and power means



for driving said abrasive element and for causing said casting to oscillate on the shaft of the tool.

2,130,004
FIFTH WHEEL BRAKE
Jack Fusetti and Joseph Tamea, West Hazleton, Pa.
Application August 30, 1937, Serial No. 161,696
2 Claims. (Cl. 280—33.1)



2. A fifth wheel construction for coupling a trailer and a tractor comprising a drum secured on a trailer, a king pin secured on said drum and depending therefrom, a table secured on the tractor to support the drum and having a slot opening outwardly through an edge thereof to permit the king pin to enter said slot, a latch means carried by said table to releasably and rotatably secure said king pin in the slot, a sectional brake band secured on said table to receive the drum and including fastening means to permit opening and closing of said brake band to permit the drum and king pin to enter and leave said brake band during coupling and uncoupling of the tractor and trailer, and manually actuated brake elements carried by said drum to coact with said brake band to check the relative rotation of the table and the drum.

2,130,005
BAG FILLING MACHINE
Harry S. Gay, Mount Gay, W. Va.
Application May 18, 1937, Serial No. 143,356
2 Claims. (Cl. 226—58)

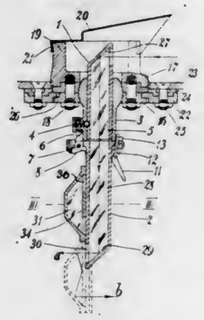
2. In a bag filling machine, a hopper having a tubular terminal which includes an extension,

supporting means for the hopper including a support on which said extension is rested and which has a cap that bears on the extension, a nozzle which is secured into the assembled support and



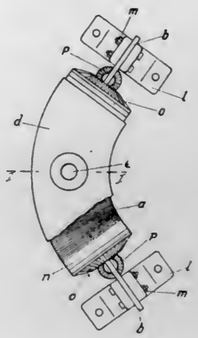
cap, the tightening down of the cap clamping the screw threads so that the nozzle will not come loose, and an auger operating in the tubular extension and nozzle for conveying the material from the hopper to the outlet end of the nozzle.

2,130,006
PERISCOPE FOR ARMORED VEHICLES
Rudolf Gundlach, Warsaw, Poland
Application January 28, 1936, Serial No. 61,227
In Belgium February 4, 1935
3 Claims. (Cl. 88—70)



1. A periscope for armored motor cars, endless track vehicles, railway cars and the like, comprising a tubular case, a rotatable bearing for the case, mounted in the roof of the vehicle, a packing ring around the rotatable bearing, an objective element mounted within the case and projecting above the upper end thereof, the cross sectional area of which is less than the smallest internal cross sectional area of the case so that it can be inserted in the case from the lower end, an ocular element swingably mounted on the lower end of the casing so that it can be swung away to allow of the objective part being exchanged, and an optical device for deflecting the light rays through 180° mounted slidably on the side of the ocular element and capable of being placed in front of the eye-piece thereof so that observations may be made from either side of the ocular element.

2,130,007
PROCESS AND APPARATUS FOR THE LONGITUDINAL CREPING OF WEBS OF PAPER OR OTHER SHEET MATERIAL
Rudolf Haas, Berlin-Zehlendorf, Germany, assignor of one-half to Zellstofffabrik Waldhof, Mannheim, Germany, a joint-stock company of Germany
Application January 4, 1938, Serial No. 183,348
In Germany January 20, 1937
5 Claims. (Cl. 154—30)



1. A process for the longitudinal creping of a web of sheet material, particularly paper, which comprises passing the web over a body having a curved surface which corresponds to part at least of the curved surface of a roller having a stationary curved axis as a reference line and in a direction from the convex toward the concave part of said surface, and pressing the web against said surface by air-pressure action while passing it over the same.

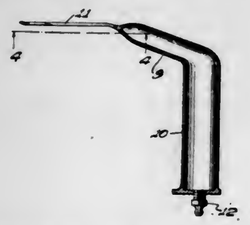
2,130,008
PRODUCTION OF CHEMICALLY RESISTANT RUBBER COATINGS
Henry H. Harkins, River Edge, N. J., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application October 17, 1935, Serial No. 45,435
8 Claims. (Cl. 91—68)

1. A method of forming a chemically resistant rubber coating on a supporting wall which comprises applying to said wall a vulcanizable rubber composition containing a large amount of carbon black and a flexibility-imparting agent substantially inert to chlorine, and between about 15 and 30 percent by weight of sulphur based on the rubber content and vulcanizing the coating in situ for a time and at a temperature sufficient to bring about chemical combination with the rubber portion of substantially all of the sulphur, whereby to form a flexible semi-hard rubber coating which is resistant to the chalking action of chlorine water.

2,130,009
LUBRICANT INJECTING TOOL
Harry W. Hazelip, Baltimore, Md.
Application July 24, 1936, Serial No. 92,465
11 Claims. (Cl. 184—1)

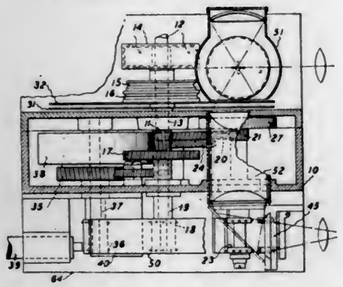
1. A tool for injecting a lubricant into a jointed spring cover, comprising a flat blade portion of substantially uniform thickness longitudinally

adapting it for insertion into a joint in the spring cover and having a duct extending therethrough



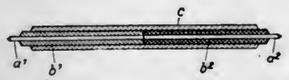
and discharging at the end thereof for the injection of the lubricant into said cover.

2,130,010
SOUND AND PICTURE REPRODUCING APPARATUS
Robert Platt-Hepworth, Paddington, near Sydney, Australia
Application August 15, 1935, Serial No. 36,442
In Australia August 30, 1934
4 Claims. (Cl. 88—16.2)



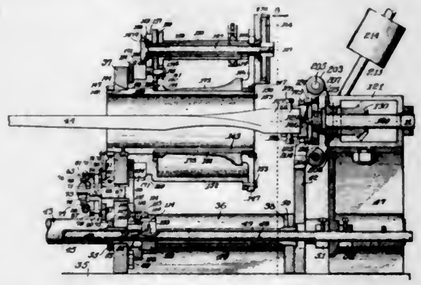
1. A motion picture projector including a sound unit, a primary drive shaft, a housing receiving said shaft centrally thereof, a fly wheel, cut-off shutter and pinion carried by said drive shaft, three gear wheels disposed about said pinion and in mesh therewith, a continuous film feed sprocket driven by the first of the three gear wheels, a sound wheel sprocket driven by the second gear wheel, an intermittent sprocket and a take-up sprocket, said intermittent sprocket and take-up sprocket being driven by the third gear wheel and said sprockets being located laterally of the plane of the drive shaft spindle.

2,130,011
MULTICOLOR PENCIL
Ilie Hersinhod, Berlin, Germany
Application January 22, 1936, Serial No. 60,244
In Germany February 6, 1935
8 Claims. (Cl. 120—83)



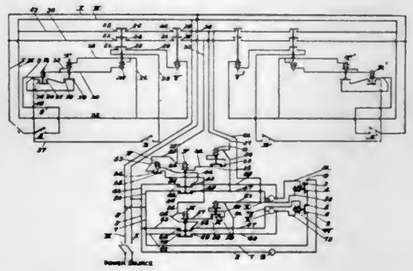
1. A multi-color-pencil comprising in combination at least one solid inner lead, and at least one outer lead of larger diameter than said inner lead and having a longitudinal bore, said solid inner lead being axially slidable in the bore of said outer lead.

2,130,012
MILLING MACHINE
William Hucal, Chicago, Ill.
Application July 3, 1936, Serial No. 88,892
26 Claims. (Cl. 90—13.6)



1. In a machine of the character set forth, the combination of means for rotatably supporting a blank, cutter means for the blank, said first-named means and said cutter means being relatively movable in the direction of the length of the blank, means mounting said cutter means for bodily encircling movement around the blank and for movement crosswise of the blank, means for controlling the movement of said cutter means crosswise of the blank and means to cause relatively slow rotation of the blank on its axis during relative movement between said cutter and blank supporting means, whereby to vary the circumferential position of the effect of cross movements of said cutter.

2,130,013
AUTOMATIC ELECTRIC TRAFFIC SIGNAL SYSTEM
Harry G. Hunter, Greensboro, N. C.
Application June 8, 1936, Serial No. 84,194
3 Claims. (Cl. 177—339)

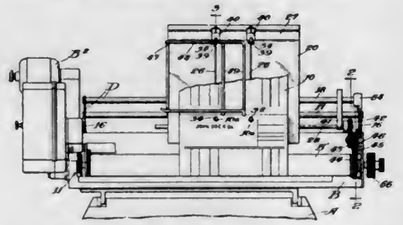


1. An automatic electric traffic signal system for highway intersections comprising a "danger" signal light normally displayed for one highway, a "danger" signal light adapted to be displayed at times for the other highway, a "clear" signal light normally displayed for the intersecting highway, a pair of "clear" signal lights adapted to be automatically displayed at times for the first-mentioned highway, a pair of roadway switches on one highway on each side of the intersection, the switches of each pair being spaced apart and being at a definite distance from the intersection, means actuated by the conjoint action of that pair of switches on the side of the intersection by approaching traffic for changing the "danger" signal light to "clear" and the "clear" signal light to "danger" and including means which is adapted to be set in motion by a second vehicle passing over one of the pairs of switches nearest the intersection for maintaining the "danger" signal for the second highway in operation while causing the second "clear" signal for the first-mentioned highway to be displayed, the means actuated by the conjoint action of the pair of switches also including means for delaying the cutting off of the "clear" signal light after both pairs of switches have been operated.

2,130,014
PRODUCTION OF PHTHALIC ESTERS FROM IMPURE PHTHALIC ACID
Alphons O. Jaeger, Greentree, and Herbert J. West, Mount Lebanon, Pa., assignors to American Cyanamid & Chemical Corp., New York, N. Y., a corporation of Delaware
No Drawing. Application September 6, 1935, Serial No. 39,502
8 Claims. (Cl. 260—675)

1. A method of producing commercial colorless and odorless esters of phthalic acid which comprises esterifying a substance included in the group consisting of phthalic acid and phthalic anhydride containing substantial amounts of color and odor-forming impurities which are of the type present in a crude converter product with a monohydric alcohol to produce a neutral ester, subjecting the ester to a decolorizing and deodorizing treatment included in the group consisting of aeration, treatment with adsorbents and chemical bleaching, the treatment not essentially differing in degree from that normally used in purifying corresponding esters produced by the esterification of commercial pure phthalic anhydride and recovering the ester by distillation.

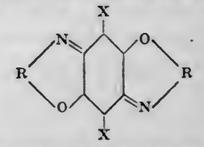
2,130,015
FEED MECHANISM FOR TABULATING MACHINES
Louis Jensen, Chicago, Ill., assignor to United Autographic Register Co., Chicago, Ill., a corporation of Illinois
Application February 13, 1936, Serial No. 63,779
4 Claims. (Cl. 197—133)



1. In a duplicating machine, feed mechanism for advancing over impression receiving position stationery strips provided with register perforations, comprising: a frame having a plate-like surface mounted above and in rear of said impression receiving position, said surface being provided with longitudinally extending narrow slots; a drive shaft journalled in the lower end portion of said frame; an idler shaft journalled in the upper end portion of the frame; and a plurality of endless belts looped in driving connection around said shafts beneath the slots and provided with feed pins adapted to project through the slots into engagement with perforations in the stationery strips and slide on the plate-like surface.

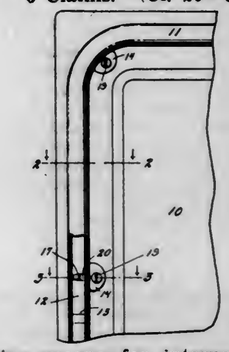
2,130,016
DYESTUFFS OF THE DIOXAZINE SERIES AND A PROCESS OF PREPARING THEM
Georg Kränzlein and Heinrich Greune, Frankfort-on-the-Main, and Gerhard Langbein, Hofheim-in-Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application February 11, 1935, Serial No. 6,096. In Germany February 15, 1934
4 Claims. (Cl. 260—152)

1. The members of the group consisting of compounds of the general formula:



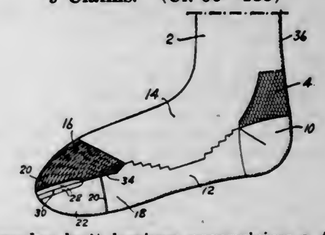
wherein R represents the radical of an azo-dyestuff and X means a member of the group consisting of hydrogen, halogen and alkyl, and sulfonic acid compounds thereof.

2,130,017
SEALING GASKET
Joseph D. Lewis, Santa Barbara, Calif.
Application June 22, 1935, Serial No. 27,977
6 Claims. (Cl. 20—69)



6. Packing means for interposition between two relatively movable members, comprising a flexible tube, a flat rigid strip extending longitudinally within said tube, and rigid means entering said tube and strip and secured to one of said members and projecting laterally beyond said tube.

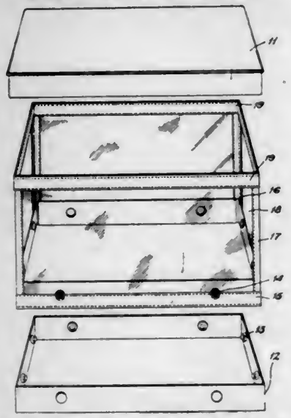
2,130,018
HOSIERY AND METHOD OF MAKING THE SAME
Elmer C. Lochhead, Moberly, Mo., assignor of one-half to Charles R. Henderson, Moberly, Mo.
Application September 29, 1936, Serial No. 103,072
9 Claims. (Cl. 66—185)



1. Circular knit hosiery comprising a toe por-

tion having a circularly knit open mesh upper part and a lower part shaped by narrowing without substantial subsequent widening and seamed to the upper part.

2,130,019
BOX STRUCTURE
Joshua Meier, New Rochelle, N. Y.
Application February 4, 1937, Serial No. 123,963
2 Claims. (Cl. 229—41)



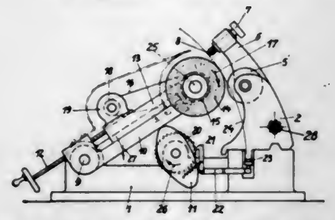
1. A box structure comprising side wall panels of pliable, transparent material, flexible means for joining said panels along the side edges thereof, a bottom, means for detachably securing said panels to said bottom, strips of flexible material for protecting the top and bottom edges of said panels, and reinforcing strips affixed to said panels along the bottom edges thereof to give rigidity to the structure.

2,130,020
CATHODE FILAMENT CONTROL FOR X-RAY TUBES
Harry B. McEuen, Jacksonville, Fla.
Application March 13, 1934, Serial No. 715,340
3 Claims. (Cl. 250—35)



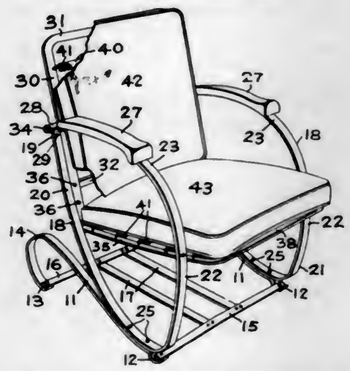
1. In a device of the character described, a casing sealed from the surrounding atmosphere, an anode in said casing, a cathode distributing cup mounted within said casing for longitudinal movement with respect thereto toward and from said anode, means within said casing for moving said cup longitudinally thereof toward and from said anode to selected positions with respect thereto, said means including a magnetizable member positioned adjacent the inner wall of said casing, a cathode carried by and within said cup, whereby said cup controls the distribution of the cathode stream, and means wholly external of said casing including a magnet located adjacent the outer wall thereof in alignment with said member for actuating said first named means, whereby said cathode is simultaneously moved to said selected positions with said cup.

2,130,021
GRINDING MACHINE
Franz Neugart, Berlin-Charlottenburg, Germany
Application April 11, 1938, Serial No. 201,386
In Germany April 12, 1937
2 Claims. (Cl. 51—95)



1. In a circular grinding machine, a base plate, a bracket mounted to swing on the base plate, a grinding wheel mounted to rotate on the bracket, a truing tool arranged with its point on the arc of a circle described by the perimeter of the grinding wheel, and tangent to the finish diameter of the work, a work slide on the base plate, means for imparting relative reciprocation to the grinding wheel and the work on the slide, in the direction of their axes, and means controlled by the reciprocation for swinging the bracket stepwise at least as far as the positions where the grinding wheel is nearest to the truing tool, and to the work, and for performing such stepwise swinging at the end of one of the strokes making up the reciprocation.

2,130,022
CHAIR
Carl H. Oermann, York, Pa.
Application July 20, 1937, Serial No. 154,535
4 Claims. (Cl. 155—54)



3. Seat supporting structure comprising a pair of resilient bars, each having a front foot and a rear foot with an intermediate portion between said feet curved gradually upwardly from the front foot rearwardly and then at the rear bent around and thence downwardly and forwardly towards the rear foot, said bent around portion of the bars overlying the rear feet, a pair of rigid side members of ovoid shape having a lower nose portion resting on said bars and connected thereto adjacent the front feet portion thereof, a back frame structure connected intermediate its length to the upper rear portion of said side members, and a seat structure extending forwardly from the back and connected at its front end to the intermediate front portion of said side members.

2,130,023
ILLUMINATED SIGN
George W. Owen, Forest Hills, N. Y.
Application November 20, 1936, Serial No. 111,758
5 Claims. (Cl. 40—130)



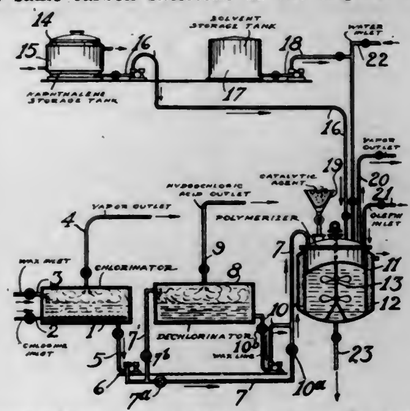
1. A device of the character described comprising an elongated housing, means for supporting a light-permeable display element edgewise with respect to the housing, a support for an electric lamp within the housing, the housing being formed of two parts with an elongated cut-out portion between the parts on the side adjacent the display element to form a slot through which a beam of light from the lamp may be cast diagonally against a side face of said element, one of the housing parts being adapted to telescope laterally within the other so as to vary the width of the slot and thereby adjust the depth of the beam in accordance with the height of said display element.

3. A device of the character described comprising a housing, a translucent display element, means on the housing for supporting said element edgewise with respect to the housing, an electric lamp enclosed in the housing, the housing being formed with a slot through which a beam of light from said lamp may be cast against the rear face of said element, and a shelf-like reflector on the upper end of the element and projecting from the rear face thereof to catch a part of the light and reflect the same into the upper part of the body of said element.

2,130,024
PRODUCTION OF LUBRICATING OILS
Mathias Pier, Heidelberg, and Friedrich Christmann, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J., a corporation of Delaware
Application September 6, 1930, Serial No. 480,284
Renewed June 16, 1938. In Germany September 30, 1929
25 Claims. (Cl. 196—78)

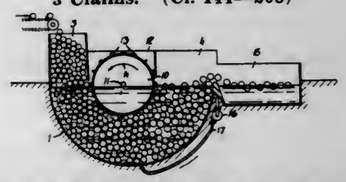
1. The process of producing lubricating oils which comprises subjecting a normally solid mixture of aliphatic hydrocarbons to a treatment adapted to convert them, without rupturing their carbon structure, into derivatives of substantially the same number of carbon atoms having an open chain and capable of intercoupling to produce normally liquid substantially saturated lubricating oils, and subjecting such derivatives to a treatment adapted to effect the intercoupling of the said derivatives to form normally liquid substantially saturated lubricating oils in which the chains of the said derivatives are substantially preserved.

25. A substantially saturated synthetic hydrocarbon having a molecular weight of at least 500 and being miscible with lubricating oils, comprising a condensation product of wax hydrocarbons rendered condensible at points intermediate the ends of the hydrocarbon chains without rupturing the carbon skeletons thereof, said condensation product comprising essentially inter-coupled hydrocarbon chains having substantially the same carbon skeletons as the original wax



hydrocarbons and possessing pour depressing properties.

2,130,025
MEANS FOR SOAKING WOOD, LUMBER, AND THE LIKE
Anders Bernhard Pierre, Jarpen, Axel Gustaf Johansson, Nalden, and Sten Bergström, Stockholm, Sweden
Application September 6, 1934, Serial No. 743,022
In Sweden December 9, 1933
3 Claims. (Cl. 144—208)

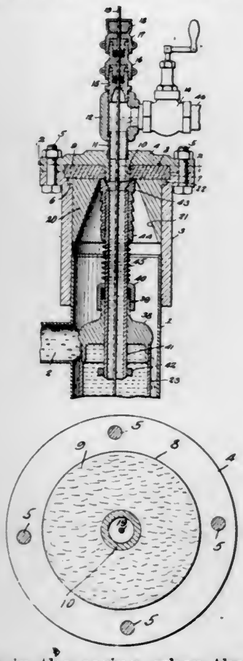


1. Apparatus for soaking wood, lumber and similar material, comprising a basin for a soaking liquid having an intake and an outtake, guiding means between said intake and outtake, said means comprising a rotatable horizontal cylinder, which is spaced from the bottom of the basin to provide an unobstructed passage for the wood extending from the intake below said drum to the outtake, the peripheral surface of said cylinder forming substantially the entire upper limiting means of the said passage, the wall of the basin lying opposite to said surface of the cylinder being curved at least approximately in conformity with said surface, the distance between the cylinder and the curved bottom increasing successively from the intake to the outtake.

2,130,026
OIL AND GAS SAVING BAILER
Albert D. Purtle, Marietta, Ohio, and James Ralph Broadwater, Toll Gate, W. Va.
Application March 21, 1938, Serial No. 197,240
7 Claims. (Cl. 166—19)

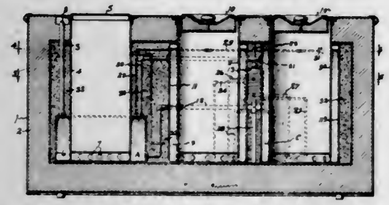
1. In a device of the class described, a well casing, outlet means assembled with the upper end of the casing, a bailer vertically movable in the casing and having outlet means at its upper end, mechanism for raising the bailer until the outlet means of the bailer makes a tight joint with the outlet means of the casing, a first valve under the control of an operator and governing

the flow through the outlet means of the casing, and a second valve carried by the lower portion of the bailer and so constructed as to open under



gas pressure in the casing, when the first valve is opened by an operator, thereby permitting the gas pressure of the well to evacuate the bailer through both of said outlet means.

2,130,027
REFRIGERATING APPARATUS AND METHOD
Clara E. Quinn and John R. Lassiter, Jr., New York, N. Y., assignors, by mesne assignments, to Broquinda, Inc., St. Petersburg, Fla., a corporation of Delaware
Refiled for abandoned application Serial No. 696,160, November 1, 1933. This application July 2, 1936, Serial No. 88,696
13 Claims. (Cl. 62—91.5)

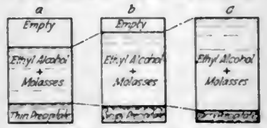


1. A refrigerating apparatus as described comprising a container for a primary refrigerant, containers providing spaces to be refrigerated, jackets individually surrounding said containers and adapted to contain a liquid heat transfer medium, a supply connection from the jacket surrounding the primary refrigerant container and a plurality of branch connections extending therefrom to the jackets surrounding the containers forming spaces to be refrigerated, the internal bores of the branch connections being of different size.

2,130,028
AFFINATION OF SUGAR
Gustave T. Reich, Philadelphia, Pa.
No Drawing. Application November 18, 1935, Serial No. 50,479
12 Claims. (Cl. 127—64)

5. A process for affining sugar that has its crystals contaminated with films containing soluble non-sugar impurities, by washing the sugar to be affined in batches with a wash consisting of an at least saturated aqueous sugar solution greater in quantity than the sugar in a batch, that comprises bringing the wash into contact, interruptedly, with batches of sugar, each batch having, on its crystals, a film containing a different proportion of impurities from the impurities in the films on the crystals of other batches; the wash being brought first into contact with batches of sugar, the crystals of which contain the least amount of impurities, and subsequently and progressively, with batches having a progressively greater proportion of soluble impurities on the films, meanwhile increasing the temperature of the wash at each batch, whereby the capacity of the wash to abstract the soluble non-sugar impurities in the films at each of said batches is increased without increasing to the same extent its capacity to abstract the sugars from said films.

2,130,029
PROCESS FOR THE RECOVERY OF NON-SUGARS FROM LIQUID SACCHARINE MATERIALS
Gustave T. Reich, Philadelphia, Pa.
Application April 24, 1936, Serial No. 76,120
6 Claims. (Cl. 127—53)

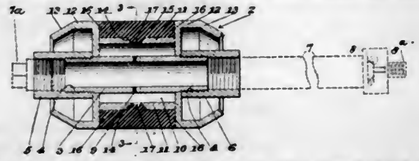


1. The process of recovering nonsugars in a substantially solid condition and free from sucrose from solutions of saccharides of the group composed of molasses, cane or beet juices, and sugar house waste such as sweet waters and similar materials, and containing in solution nonsugars of the group of bodies having the common property of being dehydrated by alcohol and composed of potashes, gums, amido compounds, and similar nitrogenous bodies and aconitic acid, comprising making the aqueous content of the mixture equal its solid content and mixing with the mixture ethyl alcohol, the proportion of the alcohol to the water contained in the solution being between 60:40 and 80:20 and agitating the mixture until the nonsugars are precipitated and collected in a semi-solid mass.

2,130,030
PIPE PLUG
James F. Richardson, Ashland, Ky.
Application August 6, 1936, Serial No. 94,654
2 Claims. (Cl. 138—93)

1. A pipe plug comprising a center tube having a pair of end fittings spaced from each other and secured to the tube to form a unit, a tubular core having its ends secured to the end fittings, said core being spaced from the center tube to provide a chamber, said tube having a hole communicating with the chamber and said core also having a hole, an elastic sleeve loosely encompassing the core, but having its ends permanently

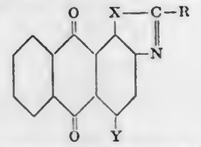
and tightly united with the end fittings, and couplings connected with the center tube to hold



the aforesaid unit in place on the tube and to provide for the attachment of a wielding contrivance.

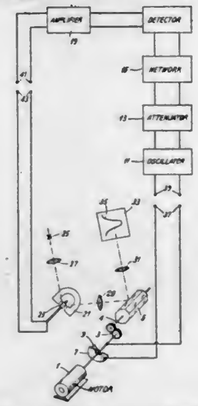
2,130,031
DYESTUFF INTERMEDIATES OF THE ANTHRAQUINONE SERIES
William L. Rintelman, Carrollville, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 25, 1936, Serial No. 112,705
2 Claims. (Cl. 260—44)

1. The new C-aryl-1,2-anthraquinonethiazoles and oxazoles of the formula



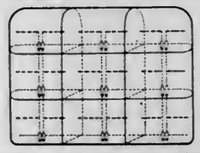
wherein X stands for an element of the class consisting of sulfur and oxygen, Y stands for an element of the class consisting of chlorine and bromine and R stands for a radical of the class consisting of those of the benzene, anthracene and anthraquinone series.

2,130,032
TESTING DEVICE
Ben W. Robins, Haddon Heights, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application April 17, 1935, Serial No. 16,807
5 Claims. (Cl. 175—183)



1. A measuring device comprising means for deriving a current in response to an alternating potential, means for causing the frequency of said alternating potential to change periodically through a recurrent cycle, a rotating polygonal mirror, and means for causing a light beam to move longitudinally of the faces of said mirror during its rotation, the speed of rotation of said mirror and the periodic change in the frequency of said oscillating potential being so correlated that a complete cycle of each change occurs during the time the mirror has made N/2 revolutions where N is the number of faces of the mirror.

2,130,033
DIRECTIVE BEAM RADIATOR
Hans Scharlau, Berlin, Germany, assignor to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application July 5, 1935, Serial No. 30,036
In Germany July 5, 1934
2 Claims. (Cl. 250—33)

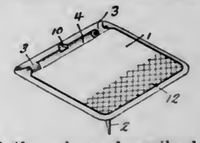


1. A short wave system comprising a plurality of dipole aerial units adapted to be assembled together, each dipole aerial unit having two arms located within an individual envelope, said envelopes being in the form of blocks having flat surfaces whereby they can be superposed one above the other, a pair of terminal connections connecting the adjacent ends of the arms of each dipole to a pair of terminals on one of the flat surfaces of its surrounding envelope, the terminals of one envelope comprising jacks and the cooperating terminals of its immediately adjacent envelope comprising plugs for directly connecting their associated dipole aerial units together.

2,130,034
TOOTH CLEANSING AGENT
Hans Schmidt, Wuppertal-Vohwinkel, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application May 26, 1937, Serial No. 144,832. In Germany May 30, 1936
7 Claims. (Cl. 167—93)

1. Tooth cleansing agent comprising as mechanical cleansing agent a solid artificial resin in the form of powder.

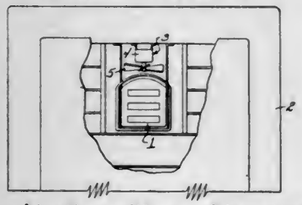
2,130,035
CLAMP DEVICE
Frederick Charles Schnabel, Hopkins, Minn.
Application August 13, 1937, Serial No. 159,015
1 Claim. (Cl. 24—253)



A device of the class described comprising a plate, perforated ears extending from one face of the plate adjacent one edge thereof and said face of the plate having a groove therein located between the ears, the ends of the groove terminating at the ears a second plate having hinge barrels extending from one edge thereof, said barrels partly fitting in the ends of the groove and having their outer ends abutting the inner ends of the ears of the first plate, a pin

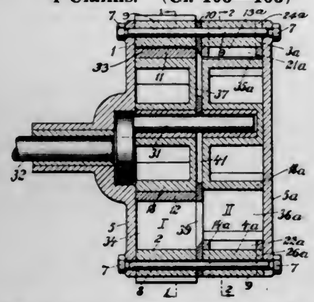
passing through the ears and the barrels for hingedly connecting the two plates together, and a coiled spring on the pin having its ends engaging the outer face of the second plate and said spring having a central projection, the first plate having a recess therein between the groove and the adjacent edge of the plate, said recess opening into the groove and receiving said projection.

2,130,036
DEFROSTER
John A. Shrader, Kitchel, Ind.
Application July 21, 1934, Serial No. 736,408
1 Claim. (Cl. 62—4)



The combination with a refrigerating system including its evaporator, compressor and driving motor therefor, of an independent motor driven fan for causing a flow of air through the refrigerator evaporator, and a thermostat controlling the refrigerating system compressor motor and fan driving motor for alternate operations.

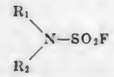
2,130,037
FLUID MACHINE
Carl Axel Skärlund, Stockholm, Sweden
Application January 11, 1937, Serial No. 120,114
In Sweden January 23, 1936
4 Claims. (Cl. 103—163)



1. A fluid machine for gaseous or liquid media, comprising a housing having flat inner sides and inlet and outlet ports in the walls, and two separate piston systems in said housing, each of said piston systems comprising an outer parallelopipedical piston reciprocable in said housing and an inner parallelopipedical piston reciprocable in said outer piston at an angle of 90° to the direction of movement of said outer piston, said two piston systems being displaced 90° with relation to each other, outer working chambers being formed between each of said outer pistons and said housing, and inner working chambers being formed between each of said outer pistons and each of said inner pistons, the outer and the inner working chambers of each of said piston systems being in direct communication with the inner and outer working chambers, respectively, of the other piston system, ports being provided in each of said outer pistons adapted to communicate with the ports in the housing during the reciprocation of said pistons and forming inlets and outlets, respectively, on the one hand for the working chambers of the associated inner piston and on the other hand also for the working chambers of the other outer piston.

2,130,038
SULPHAMIC ACID FLUORIDES
Gerhard Schrader and Otto Bayer, Leverkusen-I. G. Werk, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application May 25, 1936, Serial No. 81,771. In Germany May 14, 1935
8 Claims. (Cl. 260—543)

8. Sulphamic acid fluorides of the group consisting of compounds of the general formula



wherein R_1 and R_2 stand for saturated aliphatic radicals a carbon atom of each being directly connected with the nitrogen atom and compounds of that general formula wherein R_1 and R_2 together form a divalent saturated aliphatic chain linked by carbon atoms with the N, thereby forming a ring system, which compounds are stable to water even on heating, which are further soluble in benzene, benzine, ether, methyl alcohol, ethyl alcohol, acetone, glycols and acetic acid esters and which do not etch glass.

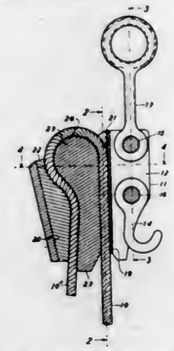
2,130,039
SEALING DEVICE FOR PIPE JOINTS
Joseph W. Shkolnick, Centerville, Iowa
Application April 12, 1938, Serial No. 201,619
2 Claims. (Cl. 285—115)



1. The combination with a bell mouthed pipe section, and a mating pipe section having an end disposed in said bell mouth in spaced relation thereto, of a sealing device comprising a ring of copper fitting around said end of the mating section and having an edge flange fitting into said bell mouth flat against the rear wall thereof.

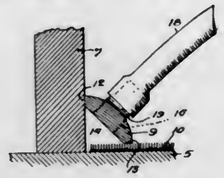
2,130,040
WIRE LINE SLING AND FITTING THEREFOR
Robert W. Siler, Long Beach, Calif., assignor to Macwhyte Company, Kenosha, Wis., a corporation of Illinois
Application December 31, 1935, Serial No. 56,960
6 Claims. (Cl. 294—74)

1. A double sling comprising: a wire line having two free ends; a lifting block in which said free ends are removably clamped; a hook affixed to the body of said block and supporting the bight of the line at a point intermediate its ends, and a plurality of freely removable grapples roven in said line and movable thereon between said hook and the clamped ends of said line.



3. A wire line sling fitting comprising: a body member having a vertical tapering socket formed therein, said socket having two opposed walls upwardly diverging; a wedge assembly adapted to seat in said socket, said assembly comprising two mating slips having their mating faces curved to prevent relative longitudinal movement, the mating face of at least one of said slips and the outer face of one of said slips being longitudinally grooved to receive a wire line.

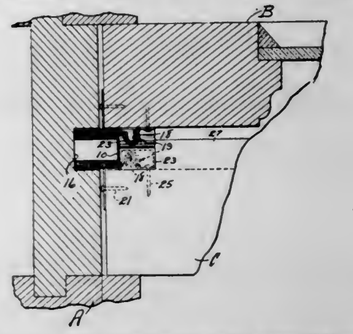
2,130,041
INSECT EXTERMINATOR
George H. Slaughter, Benton Harbor, Mich., assignor of one-half to Leo R. Beardsley, Benton Harbor, Mich.
Application April 2, 1936, Serial No. 72,280
3 Claims. (Cl. 20—74)



1. An insect exterminator for carpets, comprising a floor upon which the carpet is laid, a base board, and a quarter round secured to the base board with its lower edge spaced from the floor and contacting with the edge portion of the carpet; there being a channel formed between the base board, quarter round and floor for receiving an exterminating medium, and the quarter round having an inlet opening through which the exterminating medium is introduced to the channel, and a closure for said inlet opening.

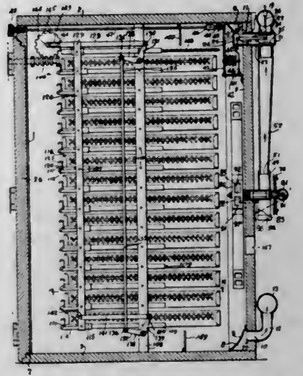
2,130,042
WEATHER STRIP
Howard A. Smith, New York, N. Y.
Application June 11, 1937, Serial No. 147,743
4 Claims. (Cl. 20—69)

1. The combination with a window frame having double sliding sashes, of a weather strip comprising a double grooved guide strip counterseated vertically in each side of the window frame in substitute for a parting strip, spring interlocked tongue and groove male and female guard strip sections carried by the sashes and slidably engaged with the double grooved guide section, said female section adapted for independent sliding movement relative to said guide strip and



male section whereby to permit assembling and disassembling of the coacting parts of the combination, and terminal boxes attached to the sashes and interfitted at and with the ends of the said guard strip sections for capping the ends thereof.

2,130,043
INCUBATOR
Frank E. Stover, Springfield, Ohio
Application May 3, 1934, Serial No. 723,734
6 Claims. (Cl. 119—37)

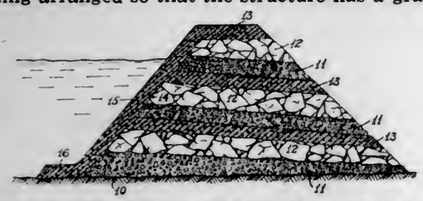


1. In an incubator, a cabinet having a chamber therein, a power means on the cabinet, and means operated by the power means to apply a heating and a cooling fluid to the chamber to reduce the atmospheric pressure in the chamber and stir the air in the chamber, said second-named means comprising a casing structure on the cabinet having a cooling wheel chamber, a vacuum wheel chamber and a fan supported by the casing structure.

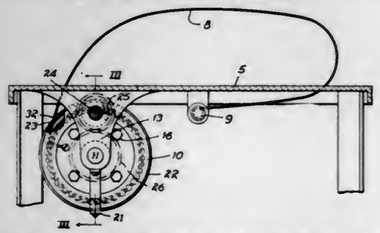
2,130,044
DAM
Philip Subkow, Los Angeles, and Lawton B. Beckwith, San Pedro, Calif., assignors to Union Oil Company of California, Los Angeles, Calif., a corporation of California
Application January 11, 1936, Serial No. 58,690
5 Claims. (Cl. 61—30)

1. A water impounding structure which comprises alternately disposed compacted layers of

rock fill and of asphaltic concrete, said layers being arranged so that the structure has a gradually decreasing sectional width from the bottom of said structure to its top.

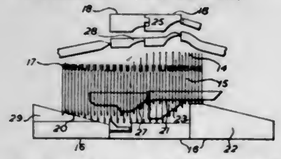


2,130,045
CUTTING APPARATUS
Anthony Tapparo, Pittsburgh, Pa.
Application December 30, 1937, Serial No. 182,562
4 Claims. (Cl. 30—116)



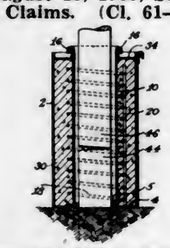
1. Cutting apparatus comprising a table, a wire having one end anchored, and a winding drum to which the other end of the wire is connected, the said anchoring and connecting points being so located that the wire will be moved through the material to be cut on the table, when the drum is turned to wind up the wire, and the wire being of such resilience that it will expand to loop form when unwound from the drum.

2,130,046
TEXTILE OPERATION
Kenneth Merson Uphill and Thomas Jackson, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application April 27, 1937, Serial No. 139,170
In Great Britain May 15, 1936
7 Claims. (Cl. 66—12)



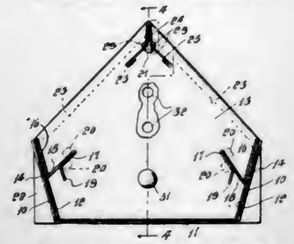
1. Method of producing a knitted fabric having laid-in threads on a multi-feeder knitting machine having a series of needles and a series of sinkers co-operating with the needles, said method comprising feeding the laid-in thread at one feeder to the front of selected needles while the remaining needles are below the level at which said laid-in thread is fed and, at that feeder, advancing all the sinkers so as to form loops of said laid-in thread round said selected needles, raising said remaining needles without withdrawing said sinkers after the feeding of said laid-in thread so that said remaining needles rise in front of said thread, at the next feeder knitting a ground thread on said remaining needles only, and at the next feeder, without drawing said loops of laid-in thread through previously formed loops in the fabric, knitting a ground thread on all the needles whereby said loops of laid-in thread are cleared and locked in the fabric.

2,130,047
SPLICING UNIT
John Upton, Wayland, Mass.
Application August 18, 1936, Serial No. 96,610
10 Claims. (Cl. 61—63)



1. A container adapted to hold material such as unset concrete comprising a vertically extending shell having a bottom with a substantial centrally located opening therethrough, a tube within and substantially concentric with said shell, the diameter of said tube being but slightly greater than the diameter of said opening, said tube standing on said bottom and surrounding said opening, said tube divided lengthwise into a plurality of separable parts held in position by interengaging means, said means positioned so as not to obstruct the interior of said tube.

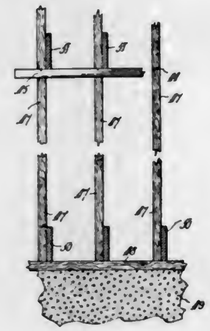
2,130,048
FEED SAVING TROUGH
Thomas Waite, Pottstown, Pa.
Application September 3, 1936, Serial No. 99,284
4 Claims. (Cl. 119—61)



1. In combination with a wall of a trough, a baffle extending upwardly and inwardly therefrom, said baffle being free at its inner edge and the trough being unobstructed thereabout to permit access to the feed inwardly of the baffle, said baffle having an opening therethrough close to said wall whereby billed feed may return to the trough, and a depending guard flange at the opening spaced from said wall.

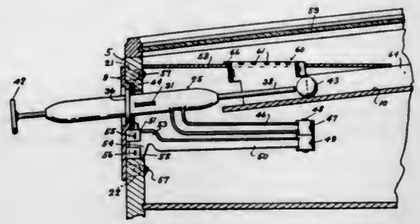
2,130,049
METAL SUPPORT FOR WOODEN BUILDING CONSTRUCTIONS
Frank R. Walker, Glencoe, Ill.
Application July 3, 1936, Serial No. 88,870
5 Claims. (Cl. 20—94)

1. In combination with the studding and joists of a frame building construction, of means for overcoming the damaging effect coincident to shrinkage comprising saw-kerfs across the face of the studs at the approximate elevation of the joists, and a flanged metal strip for supporting the joists in association with the studding, said flanged strip being continuous from stud to stud, the flange of the metal strip extending into the



kerfs in the studs and the body portion of the strip bearing against the face of the studding, whereby the supporting flange of the metal strip has a bearing at the bottom of the kerf to firmly support the metal strip and joists in connection with the studding.

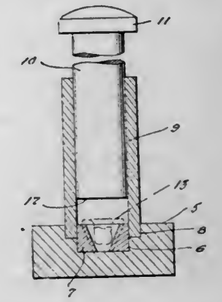
2,130,050
PROJECTILE GAME APPARATUS
Carl W. Walters, Aurora, Ill.
Application February 20, 1937, Serial No. 126,921
4 Claims. (Cl. 273—129)



1. In a game apparatus including a playing surface and means for holding a ball on a certain point of said surface, a projector including a plunger for striking a ball held at said certain point, an arm connected with the projector and a pivotal support for the arm, the axis of the pivot of which is in vertical alignment with said point of the playing surface on which the ball is held.

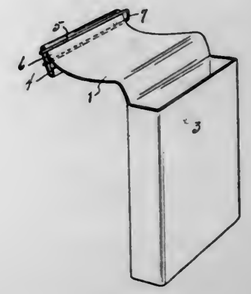
2,130,051
SWEDGER
Frank A. Ward, Hollister, Calif.
Application May 18, 1937, Serial No. 143,395
1 Claim. (Cl. 76—4)

A wedging device of the class described comprising a base having a circular opening therein, a circular swedging cup located in the opening and said base having an annular groove in its upper portion surrounding the upper portion of the cup, a barrel having its lower end fitting in the groove, with the upper portion of the cup fitting in the lower end of the barrel, a plunger in the barrel, said cup having a downwardly tapering opening passing therethrough with the small end of the opening opening out through the bottom



of the cup and a pair of ribs formed on the walls of the opening and arranged diametrically opposite each other.

2,130,052
CIGARETTE ROLLING DEVICE
Arthur O. Weinman, Fort Worth, Tex.
Application August 2, 1935, Serial No. 34,357
5 Claims. (Cl. 131—5)

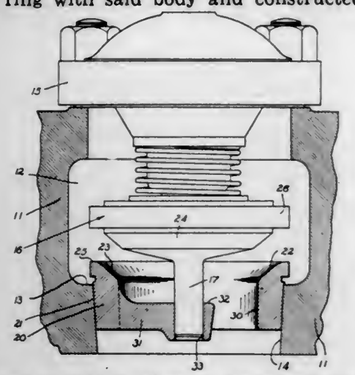


1. A cigarette rolling device consisting of a flexible sheet adapted to support and be rolled with a cigarette paper, said sheet being provided with a relatively heavy edge adapted to hold the cigarette form while the gummed portion thereof is being moistened, and a swinging member journaled on said edge and provided with a free arm for curving said paper around the tobacco and holding the same while said sheet is being moved belt fashion in the completion of said cigarette.

2,130,053
INSERT VALVE SEAT FOR SLUSH PUMPS
Clarence White, Walnut Park, Calif., assignor to Oil Well Manufacturing Corporation, Los Angeles, Calif., a corporation of California
Application November 2, 1935, Serial No. 48,000
5 Claims. (Cl. 251—144)

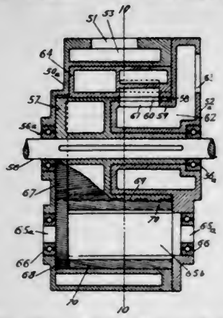
4. A removable valve seat member comprising a substantially circular annular externally tapered body, said body being of such cross-sectional area that it can be deformed to seat in an out-of-round bore, a valve seat formed on an upper side of the large end of said tapered body,

a valve guide ring, and means connecting said guide ring with said body and constructed and



arranged so that it offers no resistance to radial deformation of said body.

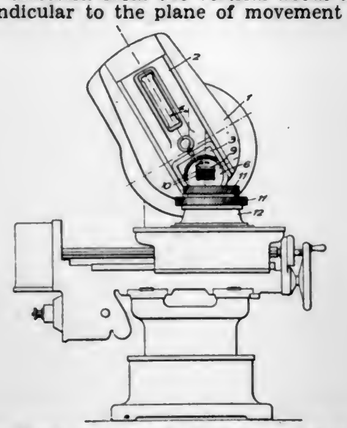
2,130,054
BLOWER
Joseph E. Whitfield, Grove City, Pa.
Application July 2, 1935, Serial No. 29,525
1 Claim. (Cl. 230—150)



In a blower, the combination of a case; a rotor mounted in the case, said rotor being spaced with relation to the case to form a compression space, said rotor and case having inlet and exhaust ports controlled by the movement of the rotor; a fluid driving vane on the rotor closing and sweeping the space between the rotor and case; a rotary gate; a gear fixed with the rotor; a gear fixed with the gate meshing with the gear fixed with the rotor and teeth forming a labyrinth closure between the rotor and gate, said teeth being formed in continuation of the teeth of the gears, the driving surfaces of the gears and the surfaces of the labyrinth being related to substantially relieve the labyrinth surfaces of driving contact and the surfaces of the gears to maintain substantially the entire driving load on the surfaces of the gears.

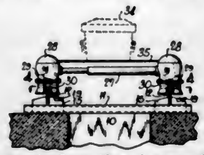
2,130,055
HELICAL GEAR CUTTING MACHINE
Albert Aeppli, Zurich, Switzerland, assignor to firm Maag-Zahnrader und-Maschinen A.-G., Zurich, Switzerland
Application August 28, 1935, Serial No. 38,268
In Italy September 3, 1934
3 Claims. (Cl. 90—9)

3. In a machine for cutting gear teeth on gear wheels by means of rack-like cutting tools, a frame, a ram guide on said frame selectively adjustable in either direction from the vertical into any desired working angle parallel with the longitudinal direction of the gear teeth to be cut, a ram reciprocable on said guide, a clapper on said ram rockable about an axis extending substantially perpendicularly to the direction of working of the ram, a tool holder rotatably mounted on said clapper to be selectively adjustable in either direction from the vertical about an axis perpendicular to the plane of movement of the



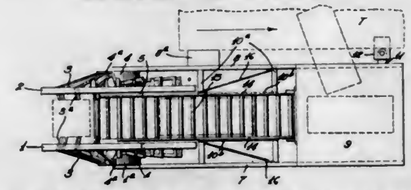
ram to bring the cutting teeth of a rack-like tool mounted therein into parallelism with the gear teeth to be cut and the longitudinal axis of the tool parallel with a plane perpendicular to the axis of a gear wheel to be produced, said tool holder having a surface for engaging a tool having cutting teeth of any desired inclination to hold the axis of the tool in a definite position relative to said surface, whereby the rotational adjustment of the tool holder also adjusts said axis of the tool.

2,130,056
BURIAL APPARATUS
Benjamin F. Austin, East Gastonia, N. C.
Application February 26, 1937, Serial No. 127,976
1 Claim. (Cl. 27—32)



An attachment for the legs of a burial apparatus lowering mechanism wherein the lowering mechanism comprises a carriage having four legs, the lower ends of which are provided with grooved rollers for engagement with a trackway, said attachment comprising a base member having an enlarged upper surface serving to contact and support the lower ends of the legs of a burial apparatus, said attachment also having a broad lower flat surface provided with a groove bisecting said lower surface, a grooved roller mounted in said groove, the lowermost portion of the roller being disposed above the plane defined by the lower surface of said attachment, whereby the groove in said lower surface will act as a guide for the roller when the lowering mechanism is disposed on a trackway, and the broad lower surface will hold the roller out of contact with the ground when the lowering mechanism is not disposed on a trackway.

2,130,057
LOADING MACHINE
Grattan G. Bennett, Heber, and William J. Dallas, Brawley, Calif.
Application June 25, 1937, Serial No. 150,278
19 Claims. (Cl. 214—91)

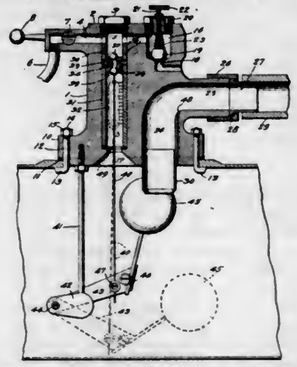


1. In a loading machine, a platform pivotally connected at its forward end at one side with the forward portion of a truck, an axle secured in connection with said platform, a pair of ground engaging platform supporting wheels in spaced relation revolubly mounted on said axle, cam drums secured on said axle outwardly of said wheels provided with cam grooves therein, levers pivotally mounted on the spokes of the wheel with their inner ends positioned in said cam grooves and their extended ends extending inwardly between the spokes of the wheel.

2,130,058
METHOD OF PRODUCING SOUVENIR POCKETPIECES
Clarke A. Bickel, Huntington Park, Calif.
Application June 7, 1937, Serial No. 146,711
2 Claims. (Cl. 29—160.6)

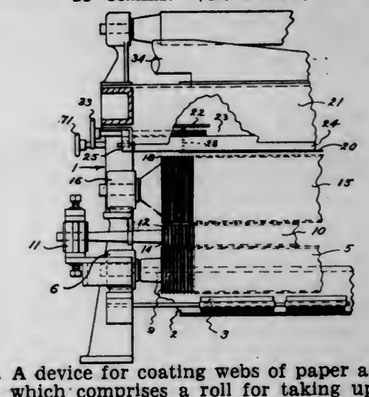
2. The hereindescribed method of converting a coin into a souvenir pocketpiece or the like which consists in cutting the coin along a line substantially parallel with the edge of the coin, then radially splitting the metal in the coin between its edge and the cut portion, and then bending those portions of the metal to the sides of the split outwardly so as to give the coin the general shape of a horseshoe.

2,130,059
TANK FILLING DEVICE
Tony S. Bosh and George H. Bauley, Williston, N. Dak.
Application February 3, 1937, Serial No. 123,759½
4 Claims. (Cl. 226—116)



1. In a tank filling device, a body member adapted to be mounted on a tank, a passage in said body member communicating with the tank and a point of reduced pressure, a fuel delivery conduit communicating with the tank and a suitable fuel supply, said delivery conduit extending into the tank whereby fuel is delivered with a minimum of splash and droplet formation, and a syphon breaking conduit communicating with said delivery conduit and the tank.

2,130,060
METHOD AND APPARATUS FOR COATING PAPER AND THE LIKE
Russell S. Bracewell, South Hadley, Mass.
Application August 26, 1935, Serial No. 37,844
15 Claims. (Cl. 91—44)



1. A device for coating webs of paper and the like which comprises a roll for taking up color from a color supply, said take-up roll being formed with circumferential grooves, a transfer roll having circumferential ribs running in the grooves of the take-up roll and receiving color therefrom, a spirally grooved roll slightly spaced from the transfer roll to receive color therefrom by centrifugal action and means to present the surface to be coated in close proximity to the spirally grooved roll to receive color therefrom by centrifugal action.

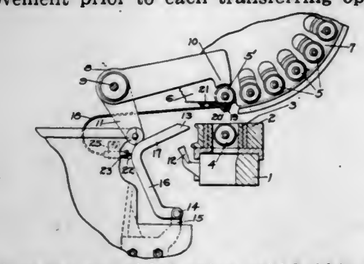
2,130,061
MANUFACTURE OF NUCLEOSIDES BY FERMENTATION
Hellmut Bredereck, Leipzig, Germany, assignor to Georg Henning Chem. pharm. Werk G. m. b. H., Berlin-Tempelhof, Germany
No Drawing. Application July 16, 1937, Serial No. 154,102. In Germany July 24, 1936
20 Claims. (Cl. 195—29)

2. A process for the production of nucleosides by degrading nucleic acids by means of a ferment, which comprises regulating the hydrogen ion concentration of the nucleic acid to a pH value between 4.0–5.5, treating it with emulsin at a temperature of about 30–40° C. and separating the nucleosides desired.

2,130,062
BOBBIN SUPPORT
Carl D. Brown, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a corporation of Maine
Application April 6, 1938, Serial No. 200,463
7 Claims. (Cl. 139—251)

1. In a bobbin changing loom, the combination of a hopper arranged to successively present reserve bobbins in transferring position, a transferrer, a bobbin support normally engaging and

supporting the bobbin which is in transferring position, a shuttle feeler having an operative movement prior to each transferring operation,



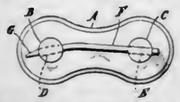
and means for withdrawing said bobbin support from bobbin engaging position simultaneously with said movement of said shuttle feeler.

2,130,063

COTTER FOR ROLLER CHAINS

Jerrus M. Bryant, Indianapolis, Ind., assignor to Link-Belt Company, a corporation of Illinois

Application September 28, 1936, Serial No. 103,017
8 Claims. (Cl. 74—251)



1. In a cotter pin assembly, the combination with a sidebar and a pair of pins projecting through and tightly fitting holes formed in the sidebar with each of said pins having a cotter hole therein, of a single cotter formed of stiff resilient material for maintaining the sidebar and pair of pins in operative relation, the axes of the cotter holes and the axes of the end portions of the cotter being so misaligned relative to each other, when the entire length of the cotter axis and the axes of the cotter holes are positioned in a common plane which is parallel to the outer face of the side bar, as to cause deflection of the cotter within said common plane when driven longitudinally of the sidebar into said holes, whereby the cotter is maintained under constant spring pressure in said holes.

2,130,064

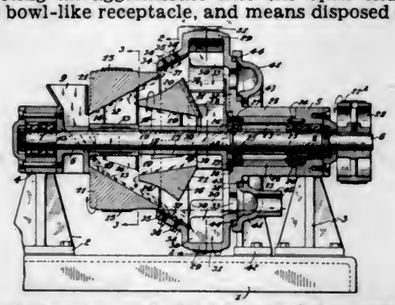
PROCESS OF AND MACHINE FOR CRUSHING AND MIXING

Philip B. Bucky, Mamaroneck, N. Y., assignor to University Patents, Inc., New York, N. Y., a corporation of New York

Application August 8, 1933, Serial No. 684,141
16 Claims. (Cl. 83—46)

1. A process of crushing material which comprises causing the material to be acted upon to travel in a closed circuit, subjecting such material to crushing pressure produced by centrifugal force at a plurality of separated places arranged in series relation in such closed circuit, releasing such material from restraint for free tangential movement following each such application thereto of centrifugal pressure and at a corresponding plurality of separated places in series relation along such closed circuit, and subjecting such released tangentially moving material to crushing impact produced by impingement at a corresponding plurality of separated places along such closed circuit.

11. In an attrition mill, the combination of a horizontally disposed bowl-like receptacle having its open end disposed in a vertical plane and adapted to receive an agglomerate of loose lumpy material and throw it from its open end by centrifugal force, an inclined stationary chute for directing an agglomerate into the open end of said bowl-like receptacle, and means disposed ad-



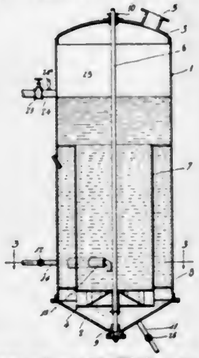
jacent the open end of said bowl-like receptacle for intercepting the agglomerate thrown therefrom and directing it back into said chute.

2,130,065

CRYSTALLIZATION METHOD

William E. Burke, William H. Allen, Robert B. Peet, Charles F. Ritchie, and William A. Gale, Trona, Calif., assignors to American Potash & Chemical Corporation, Trona, Calif., a corporation of Delaware

Application March 7, 1930, Serial No. 433,984
7 Claims. (Cl. 23—1)



1. A process of crystallizing a salt from solution, which process comprises passing a solution of said salt into a crystallizing zone in whch a body of said solution is maintained under a pressure below atmospheric sufficient to evaporate said body of said solution and cool the surface of the body of said solution at which said evaporation is taking place through removal of heat of vaporization while continuously subjecting the body of solution within said zone together with crystals present to a circulation to and from the evaporating surface of said liquid at the rate substantially in excess of the settling rate of the crystals present.

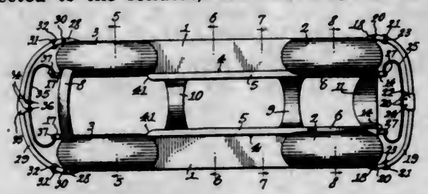
2,130,066

VEHICLE CONSTRUCTION

John Burgh, Denver, Colo.

Application November 20, 1936, Serial No. 111,936
2 Claims. (Cl. 280—106)

1. In a vehicle frame, running boards disposed in approximately parallel relation at opposite sides of the vehicle frame, front and rear fenders joined integrally to the ends of the running boards, cross pieces connecting the front fenders and cross pieces connecting the rear fenders, brackets carried by the cross pieces and having means for connecting the brackets with vehicle springs, bumpers having curved outer ends connected to the fenders, and bowed springs con-



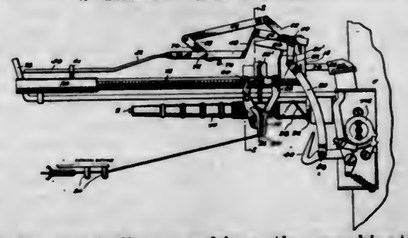
nected intermediate their ends to the intermediate portions of the bumpers, the ends of the springs being connected to the brackets.

2,130,067

BUNCH BUILDER ATTACHMENT FOR WINDING MACHINES

John M. Burnett, Skowhegan, Maine

Application September 25, 1935, Serial No. 42,097
2 Claims. (Cl. 242—27)



1. In a winding machine, the combination with a winding spindle, a rotatably mounted screw-threaded shaft parallel to said spindle, yarn guide means associated with said shaft and reciprocated with respect to the spindle thereby, and an L-shaped cop former secured to said machine adjacent the inner end of said shaft having one arm extending outwardly longitudinally of said screw-threaded shaft, said L-shaped support at the central connecting portion thereof being provided with an aperture therein, an eye bolt secured to said machine adjacent the outer end of the screw-threaded shaft, of a support having one end slidably received in said eye bolt and the other end apertured and secured to said cop former by means of a bolt extending through the aforementioned aperture and the aperture in said cop former, a pivotally mounted arm on said support having a hooked end portion, said hooked end portion receiving the yarn from the guide, after one end of the yarn has been secured to the bobbin adjacent the head thereof, and adapted to guide the traversing of the yarn during a predetermined number of rotations of the spindle to wind a bunch centrally on the bobbin, a substantially L-shaped link pivotally mounted at its central portion to the support at the point of connection of the support and the cop former, a link connecting the outer end of the pivotally mounted arm and the L-shaped link, and an actuating arm pivotally connected to the free end of the L-shaped link and operated by the machine to actuate said link means to move the hooked end portion of the arm out of engagement with the yarn at the completion of the bunch to allow the yarn to be traversed by the yarn guide to build the main portion of the bobbin.

2,130,068

FIREWORKS

Alberto Cimorosi, Elkton, Md.

Application May 25, 1937, Serial No. 144,596
5 Claims. (Cl. 102—20)

1. A fireworks article of the character described comprising a cylindrical casing, a combustible non-detonating display composition in solid stick form snugly received within said cylindrical cas-



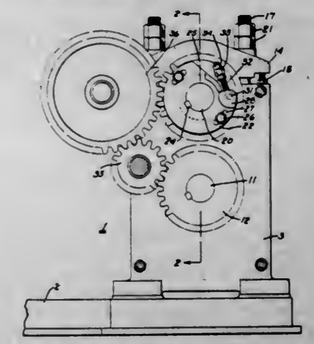
ing, said casing being formed with a vent in its cylindrical wall, and a fuse positioned in said vent.

2,130,069

FORGING ROLL ADJUSTING MEANS

William W. Criley, Cleveland, Ohio

Application February 6, 1936, Serial No. 62,640
5 Claims. (Cl. 80—24)



2. In a roller forging machine having fixed and adjustable roller die elements, driving gears respective to the roller die elements for operating each of said roller die elements, an intermediate power driven gear meshing with one of the roller driving gears and having a fixed axis of rotation, and an intermediate idler gear meshing with the power driven gear and the other roller driving gear and also having a fixed axis of rotation, the intermediate gear which meshes with the adjustable roller gear being mounted on said machine so that the line of movement of the adjustable roller is substantially parallel to a common tangent at the point of contact of the pitch circles of said adjustable roller driving gear and its associated meshing gear, and adjustable means for positively connecting the adjustable roller die element and associated gear, said means including a collar rigid with said adjustable roller die and supporting the associated driving gear, and elements adjustably interposed between said adjustable roller driving gear and said collar for circumferentially adjusting and for positively interlocking the collar and associated gear in any position within the limits of adjustment.

2,130,070

LIGHT SENSITIVE PAPER AND METHOD OF TREATING SAME

Clyde A. Crowley and George H. Goodyear, Chicago, Ill., assignors to The Huey Company, Chicago, Ill., a corporation of Illinois

No Drawing. Application November 5, 1937, Serial No. 172,923
3 Claims. (Cl. 95—6)

3. A coating for blue print paper comprising a light-reducible ferric complex, a ferricyanide salt and a salt of an aliphatic nitrogen base.

2,130,071
LIGHT SENSITIVE PAPER AND METHOD OF TREATING SAME
Clyde A. Crowley and George H. Goodyear, Chicago, Ill., assignors to The Huey Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application April 29, 1938, Serial No. 205,008
3 Claims. (Cl. 95—6)

3. A coating for blue print paper comprising a light-reducible ferric complex, a ferricyanide salt and a cesium salt.

2,130,072
PENCIL LEG CONSTRUCTION FOR COMPASSES
Frederick De Cesaris, Cranston, R. I.
Application April 30, 1934, Serial No. 723,199
1 Claim. (Cl. 24—11)



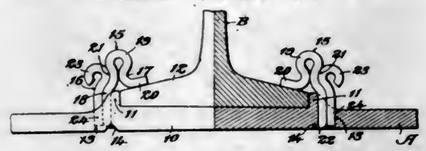
A pencil leg for a compass or the like, comprising a pencil receiving part having a pencil clamp including a generally circular body portion with integral spaced parallel end walls, an arcuate member of sheet metal having a convex portion extending inwardly and hinged in said end walls adjacent one end thereof and movable between said end walls to overlie an inserted pencil, and a cam lever hinged in the end walls adjacent the other end thereof and having a cam element engageable with the free end of said member for forcing said member into locking engagement with the pencil, said cam lever overlying said member when in member engaging position.

2,130,073
ELECTROLYTIC CONDENSER
Cornelis de Lange and Anthony Frederik Peter Johannes Claassen, Eindhoven, Netherlands, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands
Application February 19, 1937, Serial No. 126,702
In Germany February 22, 1936
7 Claims. (Cl. 175—315)



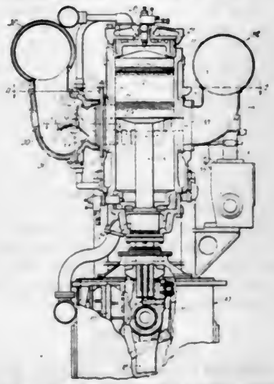
1. An electrolytic condenser comprising a cup-shaped anode having a cavity, a container acting as a cathode and having a cup-shaped portion extending into said cavity, a liquid electrolyte within said container, substantially the entire surface of said anode being equidistantly spaced from said cathode-container, and venting means including an aperture in said cup-shaped cathode portion above the level of said electrolyte, and a rubber band within said container and normally closing said aperture, said band being provided with a pin-prick at the aperture.

2,130,074
RAIL SUPPORTING AND RETAINING MEANS
James G. Delfox, Flushing, N. Y., assignor to Poor & Company, New York, N. Y., a corporation of New York
Application June 4, 1937, Serial No. 146,476
1 Claim. (Cl. 238—349)



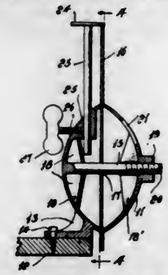
In combination, a tie plate having a rail seat and an opening at the side of said seat, a shoulder inwardly of the face defining the inner side of said opening, a rail seated on said tie plate, a holding member of flat stock having an eye or loop at the top thereof, an outer arm extending downwardly from said loop and having its lower end portion disposed in said opening, an inner arm extending from said eye or loop into overlying relationship to the rail flange, the upper portion of said outer arm being bent first upwardly and inwardly and then upwardly and outwardly into mergence with the outer portion of said loop to provide an outwardly facing depression, the lower portion of said outer arm being straight and having its outer face disposed outwardly of the outermost portion of said eye or loop, a locking member of flat stock having a shank disposed in said opening outwardly of the outer arm of the holding member and holding said arm against outward movement, the lower end of the outer arm of the holding member being bent inwardly and underlying said shoulder, whereby the holding member is held against upward movement, and a loop or eye at the top of the locking member having the inner portion thereof disposed inwardly of the shank of said locking member and seated in the depression of the holding member and holding the locking member against upward movement.

2,130,075
EXHAUST VALVE MEANS
Edward S. Dennison, New London, Conn., assignor to Electric Boat Company, Groton, Conn., a corporation of New Jersey
Application December 7, 1936, Serial No. 114,568
9 Claims. (Cl. 123—61)



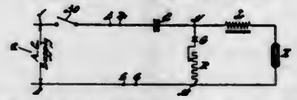
8. In a two-cycle internal combustion engine, a plurality of cylinders and pistons operating therein, each of said cylinders being provided at its midportion with piston controlled exhaust and inlet ports, means defining exhaust passages each comprising a throat portion leading from the exhaust ports of the respective cylinders and provided with lands, coaxial rotatable valves cooperating with said lands for closing the respective exhaust passages by the time the inlet ports of the associated cylinder are closed and maintaining said exhaust passage closed until the exhaust ports of said cylinder are closed, the common axis of said valves being substantially normal to the cylinder axes and parallel with the engine crank shaft, and means for continuously driving said valves as a unit in timed relation to the engine, said driving means comprising an adjustable driving connection permitting simultaneous and similar rotary adjustment of the valves and adjustable couplings between said valves permitting individual rotary adjustment thereof.

2,130,076
CIRCULAR SAW VISE
Joseph Dominiak, Chicago, Ill.
Application February 11, 1937, Serial No. 125,310
2 Claims. (Cl. 76—79)



1. A circular saw vise comprising a pair of substantially similar, relatively large jaws of hollow form whose outer surfaces substantially lie in the surfaces of spheres, said jaws being marginally engageable with opposite sides of a saw, means to rigidly mount and integral with one of the jaws, a bolt integral with and extending from the hollow of the last mentioned jaw in substantial parallelism to the base of said means and through the other jaw, means associated with the last mentioned jaw in screw threaded engagement with the bolt to clamp the jaws together and a saw therebetween.

2,130,077
ENERGIZING SYSTEM FOR DISCHARGE TUBES
Eduard Gerardus Dorgelo, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands
Application February 25, 1937, Serial No. 127,756
In Germany February 28, 1936
5 Claims. (Cl. 176—124)



1. An energizing system for periodically energizing a high-pressure metal-vapor discharge tube having a contracted discharge path, comprising a source of alternating current, a circuit connected across said supply and having two branches, a condenser in said circuit and in series with both of said branches, a rectifier in one of said branches, an impedance in said circuit between said rectifier and one end of said source, and a second impedance, said second impedance and discharge tube being connected in said second branch.

2,130,078
STABILIZED COMPOSITIONS COMPRISING ALIPHATIC ETHERS
Theodore Evans, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application August 17, 1936, Serial No. 96,472
5 Claims. (Cl. 23—250)

1. A composition of matter stabilized against peroxide formation which comprises an aliphatic symmetrical iso ether and a stabilizing amount of an aromatic amino compound of the group consisting of para-phenylene diamine, meta-phenylene diamine and diphenyl amine.

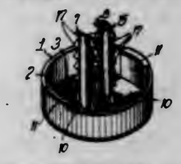
2,130,079
INHIBITION OF PEROXIDE FORMATION IN ALIPHATIC SYMMETRICAL ISOETHERS
Theodore Evans, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application August 17, 1936, Serial No. 96,473
5 Claims. (Cl. 23—250)

1. A composition of matter stabilized against peroxide formation which comprises an aliphatic symmetrical iso ether of a monohydric alcohol and a stabilizing amount of an organic hydroxy amino compound of the group consisting of para-amino phenol, acetaldehyde-ammonia and ethanolamine.

2,130,080
INHIBITION OF PEROXIDE FORMATION IN ALIPHATIC ETHERS
Theodore Evans, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application August 19, 1936, Serial No. 96,816
5 Claims. (Cl. 23—250)

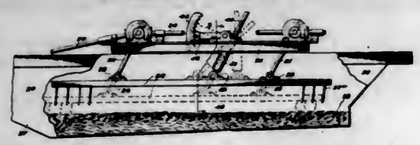
1. A composition of matter stabilized against peroxide formation which comprises an aliphatic symmetrical iso ether and a stabilizing amount of a carbonylic compound selected from the group consisting of acetone, methyl ethyl ketone and salicylic acid.

2,130,081
CORK STOPPER
Joseph W. Fay, Villa Park, Ill., assignor of one-half to Ersyl F. Chambless, Chicago, Ill.
Application July 5, 1934, Serial No. 733,743
6 Claims. (Cl. 215—48)



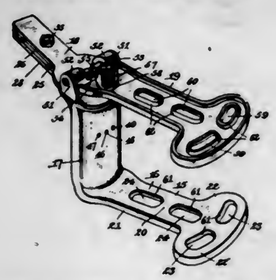
6. A bottle stopper comprising a cap member, a body member of compressible cork-like material having a curved slit within the periphery thereof, and a curved anchor member secured to the central part of said cap member and having an anchoring section disposed in said slit and provided with anchoring serrations along its opposite edges, said anchoring serrations being disposed out of the path of curvature of the slit and said anchor member being of less than complete annular form and securing said cap member and body member together.

2,130,082
FOOD IMPELLING MECHANISM
Joseph D. Ferry, Harrisburg, Pa.
Application December 10, 1936, Serial No. 115,229
21 Claims. (Cl. 53—7)



1. In an apparatus of the character described, a container for the reception of a cooking liquid and adapted to have foodstuffs moved therethough, an impeller in said container above the level of the liquid therein, said impeller having a depending member, and means to reciprocate said impeller in a plane inclined to a vertical plane to cause said depending member to intermittently dip into the cooking liquid for engaging, immersing and advancing the foodstuffs.

2,130,083
DENTAL ARTICULATOR
Edmond J. Franwick, Buffalo, N. Y., assignor to Hanau Engineering Company, Inc., Buffalo, N. Y., a corporation of New York
Application September 30, 1936, Serial No. 103,381
6 Claims. (Cl. 32—32)

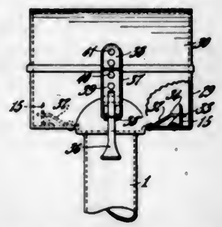


5. In an articulator, two spaced-apart jaw members adapted to have models of partial dentures mounted thereon, one of said jaw members surmounting the other and the lower having an upstanding arm at its rear end provided at its extremity with an upwardly and rearwardly inclined extension, means at the upper or rear end of said extension for guiding one of said jaw members longitudinally, and an adjustable element at the lower or front end of said extension furnishing a rearwardly and upwardly opening V-shaped notch the angularity of the walls of said notch being varied with respect to the longitudinal center of the articulator upon movement of said adjustable element and serving to govern the lateral movements of said jaw members relatively.

2,130,084
HALO-SUBSTITUTION OF UNSATURATED ORGANIC COMPOUNDS
Herbert P. A. Groll and George Hearne, Berkeley, and James Burgin and Donald S. La France, Oakland, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application February 10, 1938, Serial No. 189,780
20 Claims. (Cl. 260—654)

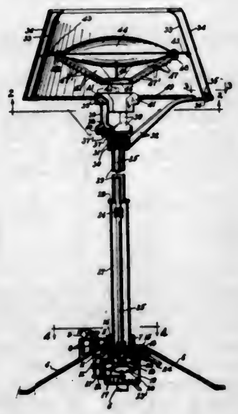
1. The process of predominantly halogenating by allylic substitution an unsaturated organic compound of the class consisting of unsaturated hydrocarbons and halo-substituted unsaturated hydrocarbons containing an olefinic linkage between two non-tertiary carbon atoms of aliphatic character at least one of which is secondary which comprises subjecting said unsaturated organic compound to a halogenation reaction at an elevated temperature at which allylic halogen-substitution predominantly takes place but below the temperature at which substantial degradation is favored, and recovering the unsaturated allyl type halide.

2,130,085
OIL SUPPLY FITTING
Walter M. Harks, Springfield, Mass.
Application February 11, 1936, Serial No. 63,460
1 Claim. (Cl. 184—105)



In an oil adapter device for the purpose described, a member for receiving a filled and sealed can of lubricating oil when placed in a horizontal position, spaced knife members for forming oil discharge openings in the lower portion of the filled can, a cover for the can-receiving member, cam latch means for opening and closing the cover and for forcing the can onto the knives, said cover being in engagement with the can for retaining the can on the knife members, flat strip springs through which said knives project for automatically removing the empty can from the knives when the cover is opened.

2,130,086
GAS HEATER
Harold W. Hart, Los Angeles, Calif.
Application June 1, 1936, Serial No. 82,681
7 Claims. (Cl. 126—85)

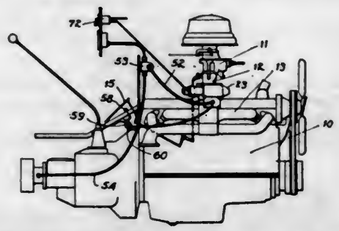


1. A gas heater including in combination a base, a gas supply pipe having its lower end anchored in said base and standing upright like a stand lamp, a gas burner mounted on the upper end of said pipe, a heat radiating member of inverted conical form supported by said pipe centrally above said burner and adjacent thereto, whereby to be directly heated thereby, and a surrounding shade supported by said pipe at its upper end around said burner for reflecting radiated heat from said radiating member.

2,130,087
METHOD OF PRODUCING SOY BEAN FLAKES
Frank F. Hasbrouck, Peoria, Ill., assignor to Allied Mills, Inc., Chicago, Ill., a corporation of Illinois
No Drawing. Application September 19, 1936, Serial No. 101,585
2 Claims. (Cl. 99—98)

1. The process of converting substantially defatted soy bean cake into a palatable food product in toasted flake form which comprises the steps of reducing the cake to grits of predetermined size and consisting of adhering individual small particles, developing plasticity in said grits by the addition thereto of only enough moisture so that they will contain from 20% to 35% of water by weight and storing them to permit the water to become evenly diffused therein, flattening the thus plasticized grits to form flakes therefrom, and toasting the resulting flakes to dry them, to reduce their plasticity, and to develop a desirable crispness and flavor therein.

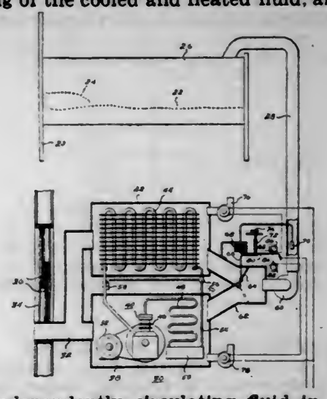
2,130,088
SPEED REGULATOR
George E. Howard, Butler, Pa.
Application April 19, 1937, Serial No. 137,758
21 Claims. (Cl. 180—82)



5. The combination with a motor vehicle having an internal combustion engine, of a governor operative to restrict flow of motive fluid to the engine when the vehicle attains a predetermined speed, and control means for rendering the governor ineffective for a given period of time and for automatically rendering the governor operative after said period has elapsed.

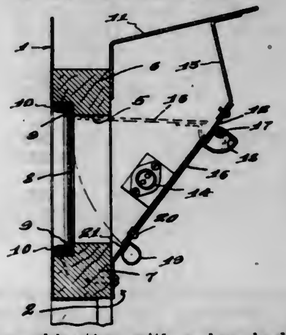
2,130,089
REFRIGERATING APPARATUS
Harry B. Hull, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application April 30, 1935, Serial No. 19,007
7 Claims. (Cl. 62—129)

1. A conditioning system for a fluid to be conditioned including tempering means for heating the fluid, tempering means for cooling the fluid, means for circulating the fluid in heat exchange relation with the cooling means and the heating means, thermostatic means for controlling the mixing of the cooled and heated fluid, and means



for independently circulating fluid in heat exchange relation with one of said tempering means.

2,130,090
ILLUMINATED SIGN FOR VEHICLES
Robert H. Imhofe, Canastota, N. Y., assignor to Rex-Watson Corporation, Canastota, N. Y., a corporation of New York
Application June 22, 1937, Serial No. 149,708
4 Claims. (Cl. 40—130)

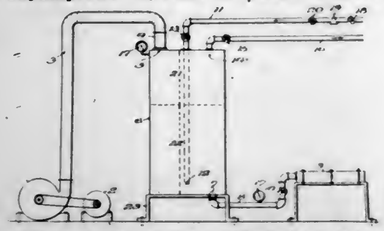


1. The combination with a bus body formed with a compartment in a wall thereof having a hinged door, the body being also formed with a window opening located adjacent one edge of the door, a partition mounted within the compartment in the rear of the window opening, lamp bulbs mounted on the partition, the partition being formed with doors operable through said first-mentioned door to give access to the lamp bulbs.

2,130,091
MANUFACTURE OF INSULATION MATERIAL
John Clayton Kershaw, Joplin, Mo., assignor to The Eagle-Picher Lead Company, Cincinnati, Ohio, a corporation of Ohio
Application February 28, 1936, Serial No. 66,306
11 Claims. (Cl. 25—155)

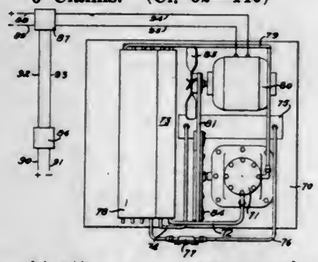
6. The improvement in the process of manufacturing heat insulating material which comprises forming magnesium oxysulphate crystals in the presence of asbestos fibers and water maintained in a constant state of agitation, adding exfoliated vermiculite and digesting until the mass is semi-fluid, forcing the same into molds under static pressure, removing the formed shape from the molds and maintaining same at a constant temperature of approximately 70 degrees

Fahrenheit for 48 hours to permit the growth of the oxysulphate crystals to maximum size and



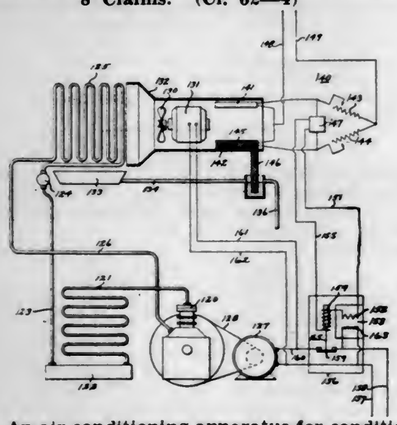
strength, and drying the molded shape at a temperature not to exceed 300 degrees Fahrenheit.

2,130,092
REFRIGERATING APPARATUS
Charles F. Kettering, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Application December 30, 1931, Serial No. 583,878
Renewed April 28, 1937
6 Claims. (Cl. 62—140)



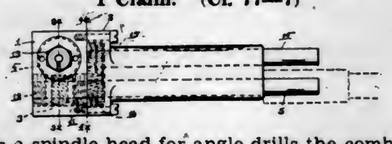
6. In combination, a compressor, condenser and evaporator in refrigerant flow relationship, and fan means carried by the compressor shaft, said fan being disposed between the compressor and evaporator whereby said fan circulates air over the compressor and evaporator in series.

2,130,093
REFRIGERATING APPARATUS
Charles F. Kettering, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application March 28, 1936, Serial No. 71,498
8 Claims. (Cl. 62—4)



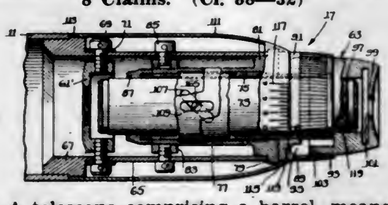
1. An air conditioning apparatus for conditioning air including a refrigerant evaporating means in heat exchange relation with the air to be conditioned, a refrigerant liquefying means for supplying liquid refrigerant to and for withdrawing evaporated refrigerant from the evaporating means, and humidity responsive control means for starting and stopping the operation of the liquefying means according to humidity conditions of the air to be conditioned.

2,130,094
SPINDLE HEAD
Charles A. Koza, Rochester, N. Y.
Application March 30, 1936, Serial No. 71,558
1 Claim. (Cl. 77—7)



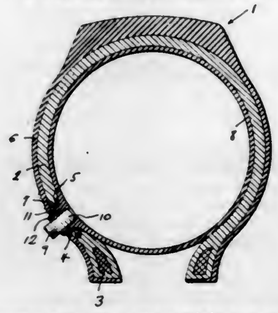
In a spindle head for angle drills the combination of a body member of rectangular cross section having a pair of threaded holes extending longitudinally and transversely thereof offset from each other, a driving pinion mounted to rotate in said longitudinally extending hole, a hollow spindle, a pinion on said spindle of increased diameter intermediate the ends thereof so as to provide a shoulder on said spindle on each side of said pinion, a bearing member for said spindle on each side of said pinion and abutting against said shoulders, said bearing members being threaded into said transversely extending hole in said body member from opposite sides thereof to center said spindle in reversible positions in said hole to provide for its rotation in opposite directions by the driving pinion and provide for the endwise adjustment of said spindle and its pinion with said bearing members for its driving engagement with said driving pinion.

2,130,095
TELESCOPE
Adolph Langsner, Chicago, Ill., assignor to Eugene Dietzgen Company, Chicago, Ill., a corporation of Delaware
Application February 1, 1935, Serial No. 4,433
8 Claims. (Cl. 88—32)



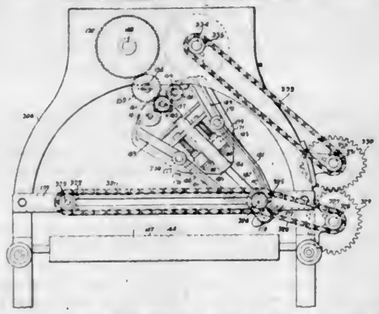
2. A telescope comprising a barrel, means for mounting an adjustable eyepiece on said barrel comprising tubular means forming an extension on said barrel, a sleeve movably mounted within said extension, means disposed outwardly of and carried by said extension and co-operatively associated with the sleeve within the extension for adjusting laterally the axial position of said sleeve, cover means enclosing said extension and the outwardly exposed adjusting means thereon, focusing means comprising a lens-carrying member longitudinally movable in said sleeve, and actuating means for said focusing means carried by said sleeve and operatively associated with said sleeve and focusing means, said actuating means extending outwardly of said sleeve and cover to permit manipulation of the same, said sleeve, cover, and outwardly extending portions of the actuating means co-operating to prevent the entrance of foreign matter into the sleeve.

2,130,096
PNEUMATIC TIRE
Leo Lanie, Manchester, Okla.
Application August 18, 1936, Serial No. 96,677
5 Claims. (Cl. 152—429)



1. A pneumatic tire comprising a casing having an opening therein, an inflatable tube mounted in said casing, an inflating valve mounted in the tube and projecting through the opening, a neck integral with the tube and encircling the valve, and an anchoring bead on the free end portion of the neck, said neck and bead being engaged with the walls of the opening for sealing said opening around the valve.

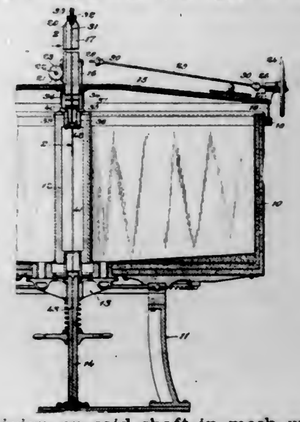
2,130,097
DOUGH LAPPING MACHINE
Kenneth D. Loose, Bronxville, N. Y., and Charles Wayne Watkins and Joseph W. Green, Dayton, Ohio, assignors to Loose-Wiles Biscuit Company, Long Island City, N. Y., a corporation of New York
Application March 1, 1937, Serial No. 128,438
17 Claims. (Cl. 107—1)



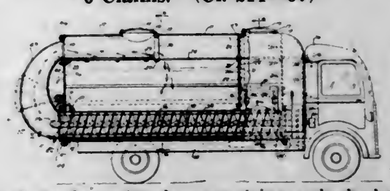
1. In a dough-lapping machine, a conveyor, moving means for receiving and depositing a continuous sheet of dough upon the conveyor in over-lapping layers, and means for moving said depositing means at a more accelerated speed than simple harmonic motion near the beginning of its half stroke.

2,130,098
LIQUID TREATING AND HANDLING APPARATUS
Cornelius Mortensen, Louisville, Ky.
Application March 19, 1937, Serial No. 131,968
9 Claims. (Cl. 137—21)

1. In apparatus of the character described, a tank, a cover therefor, a fixed standard on which said cover is centrally slidably mounted for raising and lowering movements between opened and closed positions, a rack on said standard, a support on the cover, a shaft journaled in said support, a pinion on said shaft in mesh with said rack, and a hand wheel on the cover at the edge thereof and operatively connected to said shaft for effecting its rotation to raise and lower the cover.

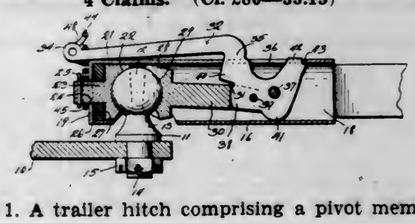


2,130,099
GARBAGE TRUCK
John J. Peterson, Cleveland, Ohio
Application August 2, 1937, Serial No. 156,892
6 Claims. (Cl. 214—67)



1. A garbage truck comprising a body having a load compartment therein, a screw conveyor extending lengthwise under the compartment, means to load garbage into the front end of the conveyor through the side wall of the body, a chute leading upwardly from the rear end of the conveyor to the compartment, a discharge door from the chute, and means to selectively transfer garbage from the compartment to the conveyor or from the conveyor to the compartment.

2,130,100
TRAILER HITCH
John A. Rasmussen, Salem, Oreg., assignor of forty-nine one-hundredths to Reuben G. Doege, Salem, Oreg.
Application September 30, 1937, Serial No. 166,658
4 Claims. (Cl. 280—33.15)



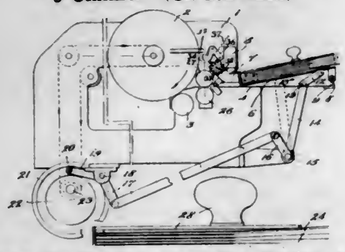
1. A trailer hitch comprising a pivot member

adapted to be secured to a tractor vehicle, a housing having an opening to receive said pivot member, opposed socket members slidable in said housing, a shank carried by one of said socket members extending through an end of said housing, means about said shank cushioning the movement of said one socket member in one direction, a slotted shank carried by the other socket member, a bell crank lever rockably carried by said housing, means pivotally securing said lever to the slotted end of said second shank and means carried by said lever engageable with said housing to hold said other socket member against undue movement upon damage or wearing of the pivotal connection between said lever and said housing.

2,130,101

APPARATUS FOR FEEDING ENVELOPES AND METHOD RELATING THERETO

Wilhelm Ritzerfeld, Berlin, Germany
Application September 6, 1935, Serial No. 39,376
In Germany September 7, 1934
9 Claims. (Cl. 101—132)



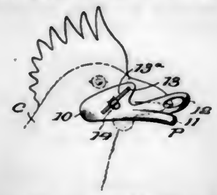
1. In a duplicating apparatus having a printing drum bearing copyable mirror-script original and a counter pressure roller co-operating with said drum, the combination which comprises a feeding table in proximity of said printing drum adapted to receive and to hold a plurality of envelopes piled on top of each other with their flaps out and their opening down and capable of being displaced parallel to the axis of said printing drum, moistening means rigidly connected to said displaceable table to moisten a strip of said envelopes with a rapidly volatilizing solvent, a gripper member adapted to slidably move back and forth normally to the axis of said printing drum, and to engage the lowest of said envelopes by entering the opening thereof whereby said lowest envelope will be engaged by said gripper member and will be moved forward in between the said printing drum and said counter pressure roller during the forward movement of said gripper member, and will be printed onto by a part of the copyable mirror-script original corresponding to the position of said slidable feeding table in relation to the printing drum.

2,130,102

PICK-OUT GUARD

Alfred A. Rudolph and Maurice L. Rudolph, Vineland, N. J.
Application September 9, 1936, Serial No. 99,986
5 Claims. (Cl. 119—97)

5. A guard of the character described comprising a pivot member adapted to be passed transversely through the beak of a fowl, a body member provided with relatively spaced side members joined by a transversely disposed cross bar located at the forward end of the body member, the forward portions of said side members having guard members projecting upwardly therefrom and also forwardly in such manner as to overhang said cross bar, the rear ends of said side members being extended a sufficient distance to provide counter-balancing means connected with said side members and so arranged with respect to the guard portions that the body member is normally maintained in horizontal position



at approximately all times, said side members and said guard members being so arranged as to occupy positions on opposite sides of said beak and so located as to avoid contact with the latter, said pivot member being extended through said side members, one of said side members having an anchoring ear, said pivot member having an extension engageable with said ear.

2,130,103

STORAGE BATTERY PLATE AND COMPOSITION THEREFOR

John A. Schaeffer and Harold R. Harner, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application April 10, 1935, Serial No. 15,629
8 Claims. (Cl. 136—26)

4. A composition for a negative storage battery plate consisting of an oxide of lead and a lead salt of hymatomelanic acid.

2,130,104

STORAGE BATTERY PLATE AND METHOD OF MAKING THE SAME

John A. Schaeffer and Harold R. Harner, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application June 25, 1935, Serial No. 28,357
12 Claims. (Cl. 136—26)

1. A paste for lead-acid storage battery plates consisting of one or more oxides of lead thoroughly mixed with a substance resulting from the treatment of a compost of carbohydrates comprising plant residue or agricultural waste of the group including tanbark, straw, sawdust, corn stalks or leaves, with an alkaline solution, boiling the mixture, separating the resultant liquor, precipitating the organic complex from the alkaline liquor by means of sulphuric acid, filtering and drying the resulting precipitate, extracting the precipitate with alcohol and evaporating the alcohol.

2,130,105

STORAGE BATTERY ELECTRODE AND METHOD OF MAKING THE SAME

John A. Schaeffer and Harold R. Harner, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application June 27, 1935, Serial No. 28,765
12 Claims. (Cl. 136—26)

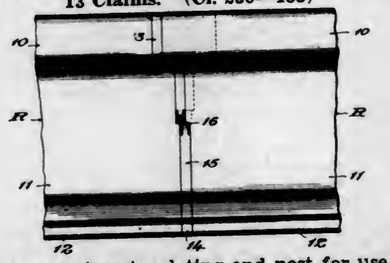
1. A paste for lead acid storage battery electrodes consisting of one or more oxides of lead thoroughly mixed with a substance resulting from the treatment of a compost of carbohydrates

comprising plant residue or agricultural waste of the group including tanbark, straw, corn stalks, sawdust or leaves, with sulphuric acid solution, boiling the solution, filtering and drying the residue, extracting the residue with alcohol and evaporating the alcohol.

2,130,106

INSULATING END POST FOR MITERED RAILS

Edwards F. Schermerhorn, Brooklyn, N. Y., assignor to Poor & Company, New York, N. Y., a corporation of Delaware
Application March 3, 1937, Serial No. 128,852
13 Claims. (Cl. 238—153)

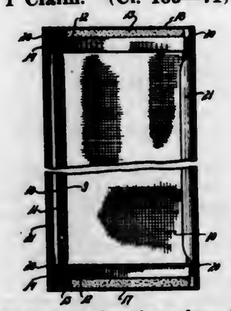


1. A one-piece insulating end post for use between mitered rails of the type in which the upper and the lower portions of the rail ends are disposed in vertical planes oblique to each other, said end post comprising head and base portions and a connecting web to be twisted to dispose said head and base portions in required angular relationship to each other to fit between the obliquely related upper and lower portions of the rail ends, respectively, said web having at least a portion thereof of sub-normal sectional area as compared with the cross sectional area of the normal web of a normal end post formed from stock of the same thickness as the stock from which the present end post is formed, thereby to facilitate twisting of said head and base portions to required angular relationship to each other, said portion of sub-normal sectional area being disposed to extend above and below the junction of the obliquely related upper and lower portions of the rail ends.

2,130,107

FILTER

Herbert J. Somers, Detroit, Mich.
Application February 6, 1936, Serial No. 62,576
1 Claim. (Cl. 183—71)

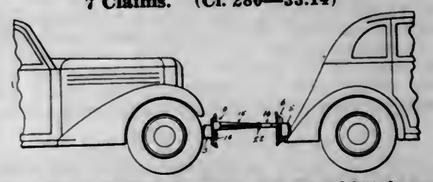


A filter element of the class described comprising: a sinuous body formed from a pair of spaced foraminous members in spaced relation to each other; a filter medium positioned in the space between said members, one of said members being doubled upon the other along the edge and then doubled upon itself and a layer of yieldable material positioned along the edge of said member and clamped by said portion which is doubled upon itself.

2,130,108

COMBINATION BUMPER GUARD AND DRAFT CONNECTION

Harry J. Struhs, East Chicago, Ind.
Application July 30, 1937, Serial No. 156,595
7 Claims. (Cl. 280—33.14)

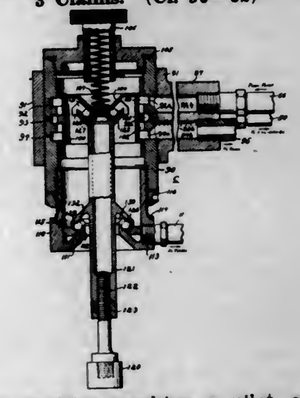


1. A combination bumper guard and hitch connection comprising an elongated plate adapted to be secured intermediate its ends to a bumper rod to be disposed perpendicularly on said rod, said plate being provided with a forwardly projecting longitudinal rib having at its free vertical edge a bead, in combination with a draw bar having a head provided with an opening to receive said bead and a slot at one side of the opening to accommodate said rib.

2,130,109

FOLLOWER MACHINE

Manuel Turchan, Detroit, Mich.
Application July 20, 1934, Serial No. 736,207
3 Claims. (Cl. 90—62)



1. In a profiling machine, a pilot, a stem or shaft to which said pilot is fixed, a shell into which said stem extends, the opening through which said stem extends being sufficiently large to permit lateral movement of the stem, a valve member within said shell and operably connected to said stem, means connected to said stem to cause the latter to move longitudinally when displaced from a rest position and thereby move said valve, and fluid conduits controlled by said valve.

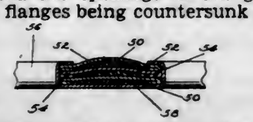
2,130,110

LAMINATED METAL AND ASBESTOS GASKET

John H. Victor, Wilmette, and Joseph B. Victor, Oak Park, Ill., assignors to Victor Manufacturing & Gasket Company, Chicago, Ill., a corporation of Illinois
Application August 19, 1936, Serial No. 96,773
2 Claims. (Cl. 288—1)

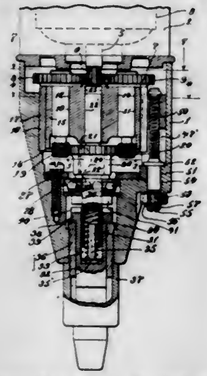
1. A laminated gasket, including a plurality of

metallic layers and at least one layer of resilient packing material, and means for joining the laminations together, said means comprising flanges around the openings of the gasket, the edges of the flanges being countersunk flush with



the gasket surfaces, that portion of the resilient packing material beneath said flange edges being cut back to allow the aforesaid countersinking, the edges of the metallic laminations being bent rearwardly upon each other to fill the spaces provided by the eliminated resilient material.

2,130,111
SCREW AND BOLT DRIVING AND NUT RUNNING MACHINE
Kenneth E. Whitney, Baltimore, and Alonzo G. Decker, Towson, Md., assignors to The Black & Decker Manufacturing Company, a corporation of Maryland
Application August 6, 1934, Serial No. 738,670
8 Claims. (Cl. 81—57)



1. The combination in a manually portable power driven tool for driving screws and bolts and running nuts of a rotary driving source, a planetary shaft, a spindle, planetary gearing operated from said drive to drive the planetary shaft, the planetary gearing comprising a rotary carrier, orbital gear members thereon connected to said drive and to said planetary shaft to drive the planetary shaft and spindle from said source when the carrier is stationary and to rotate about the carrier axis without driving when the planetary shaft is stationary, an overload releasing means for preventing rotation of said carrier up to a point of maximum torque, to determine the extent to which the screws, nuts or bolts are to be set, a casing from which the spindle projects, the remainder of said parts being enclosed within the casing, and means within the casing for adjusting said overload releasing means to determine said maximum torque and means engageable from outside the casing for operating said adjustment.

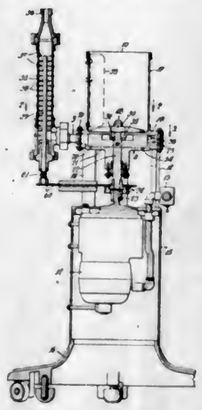
2,130,112
FISHHOOK HOLDER
William Woolen, Chino, Calif.
Application June 7, 1937, Serial No. 146,940
2 Claims. (Cl. 43—31)

1. A fish-hook holder, comprising, a frame provided with cross members, resilient means secured to some of said cross members, said means being adapted to secure hooks and leaders in a tensioned condition between said members, and



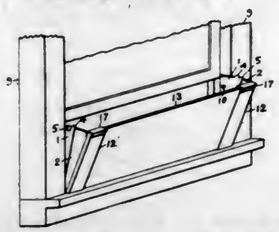
means for adjusting said cross members relative to each other for accommodating and maintaining hooks and leaders of various sizes in tensioned condition therebetween.

2,130,113
APPARATUS FOR DELIVERING EDIBLE SOLIDS TO ICE CREAM
Harry B. Adams, Chicago, Ill., assignor to Cherry-Burrell Corporation, Chicago, Ill., a corporation of Delaware
Application February 4, 1936, Serial No. 62,271
17 Claims. (Cl. 107—1)



1. An apparatus for delivering edible solids into ice cream, including a rotor having a pocket movable in a circular path, a passageway partially encircling said rotor and extending along the path of movement of the outer end of said pocket for continuously transporting partially frozen plastic ice cream, a supply receptacle for edible solids and having a discharge outlet registering with another portion of the path of movement of said pocket, and a plunger carried in said pocket for permitting admission of said solids from said discharge outlet and for forcing them from said pocket into said passageway as said pocket moves along said passageway.

2,130,114
WINDOW VENTILATOR
Charles A. Anderson, New Rochelle, N. Y., assignor to The Gotham Pressed Steel Corporation, New York, N. Y., a corporation of New York
Application August 11, 1937, Serial No. 158,480
7 Claims. (Cl. 98—99)



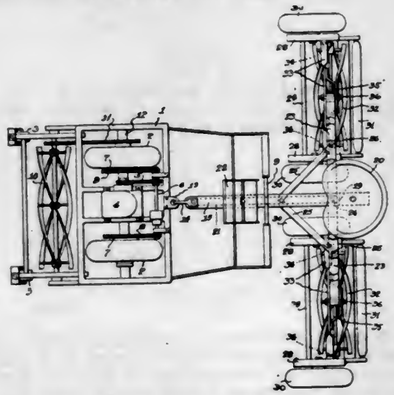
3. A window ventilator comprising side brackets adapted to be attached to a window frame, flanges on the outer portions of the brackets, relatively wide U-shaped holders removably attached to the flanges, the bracket flanges having slots, portions of the holders extending into the slots, a glass plate removably fitted in the holders, and U-shaped covers slidably fitted over the upper ends of the holders and over the lugs on the flanges.

2,130,115
SELF-LIGHTING CIGARETTE
John Biddle, Whitwick, England, assignor to Morris Margolis, London, England
No Drawing. Application July 10, 1936, Serial No. 90,012. In Great Britain July 11, 1935
5 Claims. (Cl. 52—25)

1. An igniting composition for cigarettes or cigars having substantially the following composition:

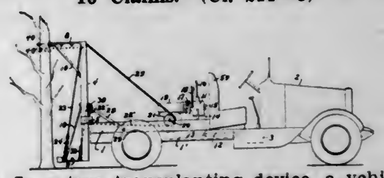
	Parts by weight
Chlorate of potash ($KClO_3$)	11½
Gum acacia	2
Starch	2
Manganese dioxide (MnO_2)	1½
Silica (SiO_2)	1½
Carbon (C)	7

2,130,116
LAWN MOWER HITCH
Harold L. Blydenburgh, Highland Park, Mich., assignor to The Moto-Mower Co., Detroit, Mich., a corporation of Michigan
Application September 14, 1936, Serial No. 100,658
6 Claims. (Cl. 56—7)



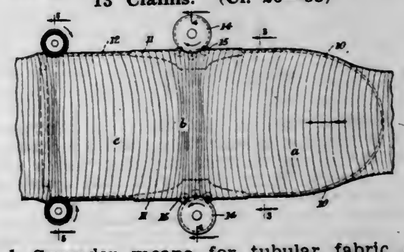
1. A lawn mower hitch for connecting a power mower and a pair of trailer mower units, wherein each unit comprises a frame supported by fore and aft rolling elements, said hitch comprising yokes adapted to be attached to respective frames between their fore and after rolling elements, a drag link, means adapted to removably connect said drag link to said power mower, and resilient means connecting said drag link to said yokes, said resilient means being disposed whereby it supports said yokes in an oblique position whereby the thrust exerted therethrough from said drag link to said frames is in a forward and downward direction.

2,130,117
APPARATUS FOR TRANSPLANTING TREES AND THE LIKE
Jean G. Butts, Cato, N. Y.
Application September 8, 1937, Serial No. 162,939
16 Claims. (Cl. 214—3)



1. In a tree transplanting device, a vehicle, a frame pivotally mounted on the vehicle intermediate its ends to swing vertically about a horizontal axis, and having its opposite ends provided with saddles for engaging the trunk of a tree or the like, means for securing the tree to at least one of said saddles, and means for rocking the frame with the tree thereon about said axis, said last named means comprising a power transmission including a power shaft adapted to be driven thereby in opposite directions, a lever pivotally mounted on the vehicle at one side of the axis of the rocking frame and having its free extremity movably engageable beneath the rocking frame so as to rock the rocking frame responsive to pivotal movement of the lever, and means operatively connecting the power shaft with the rocking frame and with the pivotal lever aforesaid whereby to positively impart pivotal movement to the lever in one direction responsive to rotation of the power shaft in one direction, and to directly impart rocking movement to the rocking frame in the opposite direction responsive to rotation of the power shaft in the opposite direction.

2,130,118
FABRIC FEEDING SYSTEM
Samuel Cohn, New York, N. Y., assignor to Samcoe Holding Corporation, New York, N. Y., a corporation of New York
Application April 24, 1935, Serial No. 17,934
13 Claims. (Cl. 26—55)



1. Spreader means for tubular fabric comprising a pair of core or mandrel members

adapted to fit within the fabric and having a predetermined thickness in a direction normal to the plane of the spread fabric imparting predetermined tautness thereto, a following spreading means carried by said members and having less thickness in said normal direction so that the fabric passing over said following spreading means is relatively loose and limp, and driving means engaging said fabric at the side edges of said members and peripherally shaped to conform to the edges of said members.

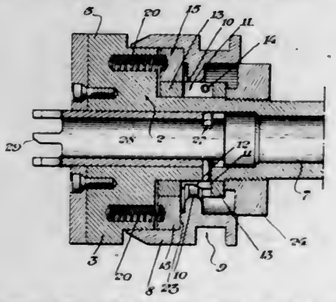
2,130,119

POSITIVE ACTING CIRCULAR CHASER DIE

Alfred E. Drissner, Cleveland, Ohio, assignor to The National Acme Company, Cleveland, Ohio, a corporation of Ohio

Application May 22, 1937, Serial No. 144,228

20 Claims. (Cl. 10—96)



1. A threading die comprising a body, a plurality of radially shiftable chasers and a carrier carried thereby, positive acting means for shifting the chasers and comprising a sliding member, means for locking said member, both of said means carried by the carrier, and a shiftable hood for controlling the operation of and directly engaging said locking means and effective to release the locking means by depression thereof.

2,130,120

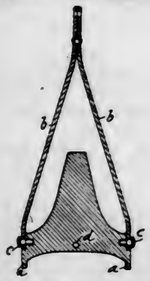
STOCKLESS ANCHOR

Edgar Duerr, Anglesey, Wales

Application December 29, 1936, Serial No. 118,070

In Great Britain January 18, 1936

1 Claim. (Cl. 114—208)



A stockless anchor comprising a bifurcated shank, a crown pivoted between the bifurcations of the shank and a fluke member and a disc shaped tripping piece rigid with said crown at each side of the crown disposed in alignment with the respective shank bifurcations and having recesses therein whereby stops are formed limiting pivotal movement of the crown and fluke, that portion of said crown lying between said disc shaped tripping pieces being of relatively small dimensions with respect to the diameter of the tripping pieces facilitating the digging in of the anchor.

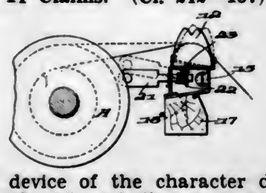
2,130,121

AUTOMATIC SELF-CENTERING GUIDE EYE

John J. Dunleavy, Scranton, Pa.

Application August 4, 1937, Serial No. 157,443

14 Claims. (Cl. 242—157)



2. In a device of the character described a traverse guide rail, a winding spool, a self-centering guide eye slidably and pivotally mounted on the rail and movable therewith, means holding said guide eye against sliding movement on the rail, a contact arm on the guide eye adapted to contact with the head of said spool and automatically disconnect the holding means to permit of relative movement between the rail and the guide eye.

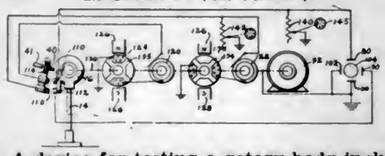
2,130,122

BALANCING MACHINE

Henry G. Dybvig, Dayton, Ohio, assignor to Harry W. Moore, Dayton, Ohio

Application January 18, 1937, Serial No. 121,183

12 Claims. (Cl. 73—51)



1. A device for testing a rotary body including means for rotating the body at high speed, a cathode-ray oscillograph having a cathode-ray tube having means for deflecting the cathode-ray, means for producing a rotating field for deflecting the cathode-ray, said field rotating in synchronism with the body to be tested, and means responsive to the unbalanced condition of the body for cyclically energizing said deflecting means of the cathode-ray tube from said rotating field to thereby indicate the angle of unbalance.

2,130,123

GAME

Edward Ebert, Brooklyn, N. Y.

Application January 16, 1937, Serial No. 120,899

8 Claims. (Cl. 273—123)



4. A game mechanism comprising a plurality of individual machines each having a plurality of ball receiving receptacles, a contact device respectively positioned below each receptacle, circuits controlled by the contact devices for each machine completed when a predetermined series of receptacles for a machine contain balls, and means controlled by the first completed circuit for indicating this condition and releasing the balls from all the receptacles of the other machines.

2,130,124

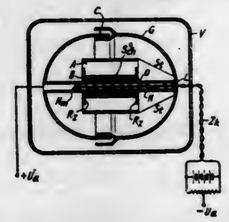
ELECTRON DISCHARGE DEVICE

Karl Fritz, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany, a corporation of Germany

Application October 28, 1936, Serial No. 107,916

In Germany October 14, 1935

10 Claims. (Cl. 250—27.5)



1. An electron discharge device having an envelope containing an elongated conducting member, oppositely disposed hollow conducting members each open at one end and supported on said elongated conducting member with the open ends facing each other and forming a symmetrical housing around said elongated conducting member, and a plurality of electrodes including a cathode surrounding and coaxial with said elongated conducting member and positioned within said housing, said cathode being supported on said elongated conducting member.

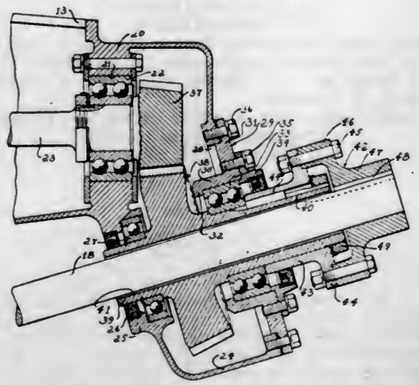
2,130,125

BOAT PROPELLING APPARATUS

Harry E. Fromm, Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware

Application April 2, 1937, Serial No. 134,548

3 Claims. (Cl. 115—0.5)



1. A propeller power transmitting apparatus for boats in which the engine is mounted in the stern, said apparatus comprising a gear housing attached to and forming an extension of the forward end of the frame of said engine, a bevel drive gear journaled in the upper portion of said housing for rotation by said engine, a bevel driven gear meshing with said drive gear and journalled in the lower portion of said housing, said driven gear having a bore extending axially therethrough, a propeller shaft extending loosely through said bore rearwardly and downwardly below said engine and having a propeller mounted upon its rearward end, a detachable connection between said propeller shaft and said driven gear positioned forwardly of said driven gear, said detachable connection including a member secured to said driven gear, a member secured to said shaft and means for positively connecting said members together, the portion of said propeller shaft between said driven gear and the rearward end of said propeller shaft being of smaller diameter than said bore, and said housing having an aperture in alignment with said bore whereby said propeller shaft can be withdrawn forwardly through said driven gear when detached therefrom.

2,130,126

HYDROCARBON OIL TREATMENT

Seymour W. Ferris, Aldan, Pa., assignor to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania

No Drawing. Application February 28, 1933, Serial No. 658,979

3 Claims. (Cl. 196—13)

1. The method of producing a viscous lubricating fraction of petroleum having a relatively low viscosity-gravity constant from a viscous fraction of petroleum oil whose viscosity-gravity constant is at least .015 higher than the viscosity-gravity constant of said viscous lubricating fraction, which comprises bringing said viscous fraction of petroleum oil into contact with an amount in excess of one and a half times its volume of cresylic acid under such temperature conditions that at least one quarter of the viscous fraction will dissolve in the cresylic acid, and removing cresylic acid and the portion of the oil so dissolved from the portion of the oil that remains undissolved, thereby to effect separation of said viscous fraction into two liquid viscous portions of substantially higher and lower viscosity-gravity constants respectively.

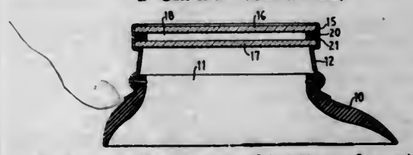
2,130,127

GOGGLES

Charles Fischer, New York, N. Y.

Application February 25, 1937, Serial No. 127,592

1 Claim. (Cl. 2—14)



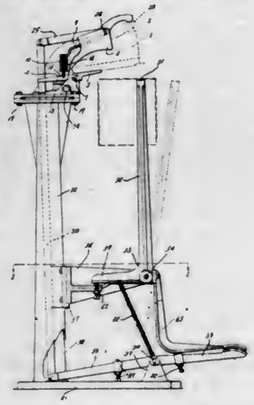
In the goggles, the combination of a wide soft rubber pad provided with eye openings and adapted to efficiently and comfortably conform to the face of the wearer, light metal frames hinged together, said metal frames surrounding the eye openings and being secured to the pad, wide interior grooves formed in the frames at their outer portion remote from the pad, pairs of lens members fitted in the grooves, and spacing means seated in the grooves between said pairs of lens members to rigidly position the said pairs of lens members by engaging their adjacent surfaces throughout the perimeter of the groove,

said spacing means comprising a single complete metallic ring covered with resilient material, thereby forming sealed air chambers between said pairs of lens members, said frames being transversely split so as to permit them to open for the insertion or removal of said lens members and their spacing means, and clamping means for normally holding the edges of the frames along the transverse openings in abutting relation.

2,130,128
BUFFING COMPOUND
William K. Griesinger, Lansdowne, Pa., assignor to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania
No Drawing. Application July 9, 1938, Serial No. 218,481
5 Claims. (Cl. 51—280)

1. A buffing compound comprising a substantially homogeneous, solid mixture of a water-dispersible petroleum sulfonate soap and finely-divided abrasive, said sulfonate soap softening at temperatures of from about 125° F. to about 175° F. and being substantially resistant to charring at temperatures of the order of about 400° F.–500° F.

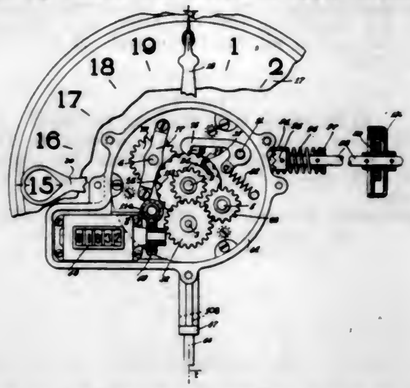
2,130,129
STAPLING APPARATUS
Harold S. Heller, Cleveland, Ohio, assignor to The J. C. Ulmer Company, Cleveland, Ohio, a corportation of Ohio
Application April 10, 1935, Serial No. 15,555
6 Claims. (Cl. 1—13)



1. In combination with a portable stapling machine having a staple-driving plunger, of structure comprising pivotally mounted supporting means for such a machine, and actuating means for the plunger thereof, said supporting means being provided with an extension which constitutes a guide for a portion of said actuating means.

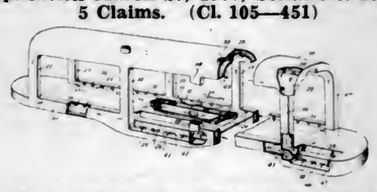
2,130,130
REGISTER
George H. Henrietta, Torrington, Conn.
Application January 19, 1933, Serial No. 652,454
26 Claims. (Cl. 235—144)

1. A register operating mechanism having a power shaft, an indicating element, a train of toothed gearing in continuously maintained positive operative relation with said power shaft and element to impart rotative movement of said power shaft positively to said indicating element, a differential gearing being included in the train, resetting means, and means to apply resetting



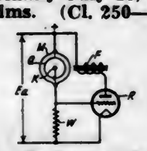
force to the differential gearing to cause the power shaft to be passive.

2,130,131
STEP CONSTRUCTION
Clarence F. Hirshfeld, Detroit, Mich., assignor to Transit Research Corporation, New York, N. Y., a corporation of New York
Application March 27, 1937, Serial No. 133,477
5 Claims. (Cl. 105—451)



1. In a vehicle, an entrance or exit step, a wall rising above said step, a warm air chamber on the other side of said wall from said step, and apertures in said wall, said apertures being shaped so as to direct said warm air down upon said step.

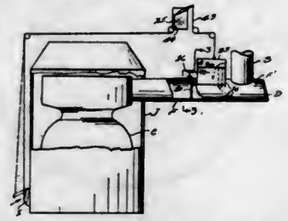
2,130,132
MAGNETRON
Hans Erich Hollmann, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application July 1, 1937, Serial No. 151,412
In Germany July 16, 1936
5 Claims. (Cl. 250—27)



1. An electron discharge device having a straight thermionic cathode and an anode surrounding said cathode, means for producing a magnetic field parallel to and between said cathode and anode, a source of voltage supply connected to said anode, a second electron discharge device having an anode, cathode, and grid, said means for producing the magnetic field and said second electron discharge device being connected in series across said source of voltage supply, and a resistance connected in series with

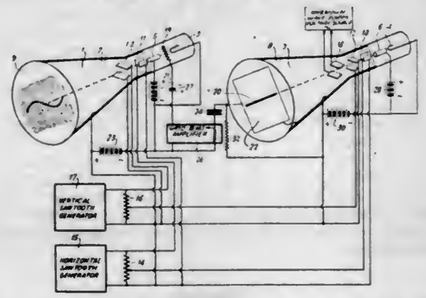
the first electron discharge device, the grid and cathode of said second electron discharge device being connected across said resistance.

2,130,133
FURNACE CONTROL DEVICE
John Q. House, Cleveland, Ohio, assignor to John H. Leonard, Cleveland, Ohio, trustee
Application October 24, 1934, Serial No. 749,705
11 Claims. (Cl. 236—16)



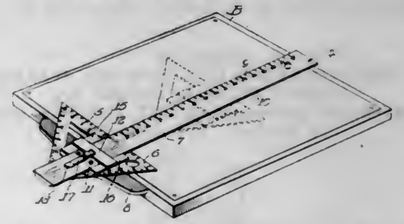
1. In a fuel burning apparatus having a combustion chamber, an exhaust flue leading therefrom, an inlet air control damper and a check damper, a flue damper disposed within said flue and movable to different positions to vary the effective size of the flue passage, thermostatic means responsive to heat of the products in said flue and operably connected to the flue damper for moving the same to said different positions, an electrically operable motor means drivingly connected to one of said first named dampers for moving the same to predetermined positions, an electric circuit connected to said motor means and to a source of electrical power, and means operable by said thermostatic means for energizing and unenergizing said circuit whereby the flue damper and one of said other dampers are operated in given relations to each other by the thermostatic means and motor means respectively.

2,130,134
OSCILLOGRAPH APPARATUS
Harley A. Iams, Berkley Heights, N. J., assignor, by mesne assignments, to Radio Corporation of America, a corporation of Delaware
Application January 30, 1937, Serial No. 123,122
6 Claims. (Cl. 171—95)



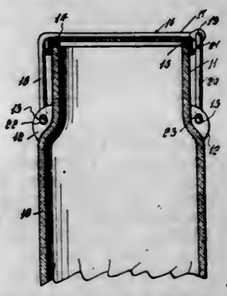
1. An oscillograph apparatus including a cathode ray viewing tube having a fluorescent screen, an electron gun including a cathode and an anode for projecting a cathode ray beam on said screen, a control grid normally biased to cut off said beam, beam deflection plates for moving the cathode ray beam over said screen, means for impressing on said anode a uniform positive potential with respect to said cathode, means for impressing on said plates an intermittent deflection voltage of predetermined frequency to sweep said beam over said screen at the predetermined frequency, means for producing intermittent grid control voltage impulses at the same frequency as said deflection voltage for removing the control grid bias during each voltage impulse, and voltage measuring means for varying the phase relation of said voltage impulses and said deflection voltage to an extent dependent on the magnitude of the observed voltage on said voltage measuring means during each of said voltage impulses.

2,130,135
DRAWING INSTRUMENT
Joel T. Jones, Jr., Chicago, Ill., assignor of one-half to Georgia F. Reed, Chicago, Ill.
Application September 25, 1937, Serial No. 165,672
4 Claims. (Cl. 33—95)



1. As a new article of manufacture, a drawing instrument comprising a T square consisting of a ruler with full length longitudinally extending grooves in the bottom or lower corners of the side margins thereof and a cross-piece connected to and underlying one end of the ruler, a pair of triangles positioned on opposite sides of the ruler and having the inner margins thereof fitting in the grooves so that they are slidable longitudinally of the ruler, and a bridge connected to and extending between the two triangles and overlying the top face of the ruler for connecting the triangles together for conjoint sliding movement lengthwise of said ruler.

2,130,136
FRUIT JAR CLOSURE
George W. Killin, Jr., West Huntington, W. Va.
Application July 15, 1936, Serial No. 90,767
4 Claims. (Cl. 215—86)



1. In combination with a jar having openings on opposite sides thereof, said jar being adapted to be closed by a cap and an interposed gasket, a bail disposable across the cap having a depending arm anchored in one of said openings, and a side arm pivoted to one end of the bail and movable in a plane at a right angle to the longitudinal

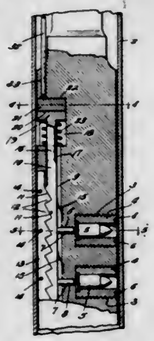
axis of the bail and engageable in the other opening, said bail being removable and each arm being detachably engageable in either opening.

2,130,137
PAPAIN PRODUCT AND METHOD OF PREPARING SAME
Alfred Klotz, Munich, Germany
No Drawing. Application September 15, 1936, Serial No. 100,872. In Germany April 16, 1936
9 Claims. (Cl. 195—63)

1. The herein described method of manufacturing a dry preparation of papain capable of being activated by moisture, which method consists in adding to dry commercial papain a dry substance having a natural content of amygdalin and emulsin.

7. A dry preparation of papain capable of being activated by moisture, said preparation containing dry papain and a mixture comprising dry yeast and cocoa bean powder freed from oil.

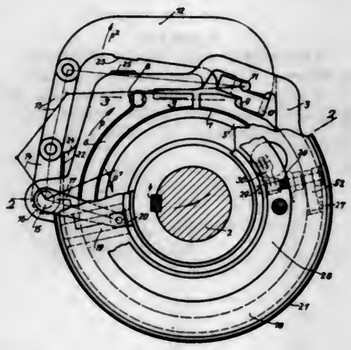
2,130,138
PERFORATING GUN FOR OIL WELLS
Frank C. Kniss, El Dorado, Ark.
Application September 18, 1937, Serial No. 164,585
7 Claims. (Cl. 164—0.5)



1. A device of the character described comprising a body adapted to be suspended in a well, the body being provided with means for mounting cartridges transversely of the body, firing pins for the cartridges carried by said body, a firing bar slidable longitudinally in said body and having engagement with said pins, means for shifting the firing bar towards the pins when the bar is moved longitudinally in one direction and moving the pins in a direction to explode cartridges, and explosive means for imparting movement to the firing bar in the said direction.

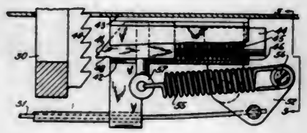
2,130,139
FRICTION CLUTCH
Leo Knöchl, Goppingen, Germany, assignor to L. Schuler, A. G., Goppingen, Germany
Application August 17, 1936, Serial No. 96,429
In Germany July 30, 1934
12 Claims. (Cl. 192—36)

1. In a friction clutch, suitable for use in a crank-driven press, the combination of a driving member, said member having a notch therein; a driven member arrangeable on the crank shaft of the press; an intermediate friction member; transmission links carried by said driving member; means for tensioning said transmission links to cause said friction member to couple said driving and driven members; a spring pressed latch carried by said tensioning means and engageable with said notch when said clutch is in fully engaged position and means for automatically re-



leasing said latch to allow of the disengagement of the clutch.

2,130,140
VEHICLE BRAKING SYSTEM
Neil P. Larsen and Herman J. Troche, Cleveland, Ohio, assignors to American Coach & Body Company, Cleveland, Ohio, a corporation of Ohio
Application March 29, 1937, Serial No. 133,536
4 Claims. (Cl. 74—540)

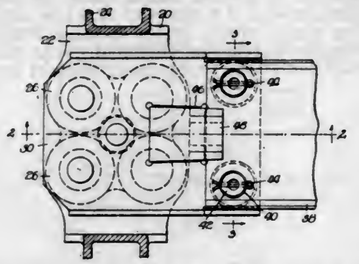


1. A brake control system including a pedal operable to render a normally idle brake active, a latch for said pedal, a guideway housing secured to said vehicle and within which said latch is slidably mounted for movement toward and away from said pedal, a member pivoted to said housing, a spring pivotally connected at one end to said member at a point spaced from the pivotal connection between the member and the housing, and connected at its other end to said latch and adapted and arranged when tensioned to move and retain said latch out of engagement with said pedal, means pivotally connected to said member to swing said pivoted member about its pivot to selectively tension said spring, the various connections with said member being arranged and adapted to move the spring past a dead center position whereby said spring retains the member in a spring tensioning position consequent upon the positioning of said member by said manually operable means.

2,130,141
SPRING PLANK
David M. Light, Evanston, Ill., assignor to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application November 22, 1933, Serial No. 699,098
15 Claims. (Cl. 105—208.2)

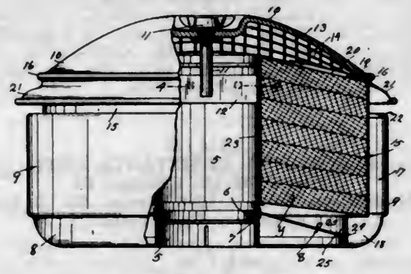
1. In a truck, the combination of a side frame, resilient means associated with said side frame for supporting a load carrying member, a spring

plank supported by said side frame, and vertically acting resilient means having cooperative en-



gagement with said side frame and spring plank to provide a flexible connection therebetween.

2,130,142
AIR CLEANER
Wilfred W. Lowther, Minneapolis, Minn., assignor to Donaldson Company, Inc., St. Paul, Minn., a corporation of Minnesota
Application April 13, 1935, Serial No. 16,189
14 Claims. (Cl. 183—15)



11. In an air cleaner, a casing provided with an oil well in its lower portion and having a clean air outlet leading from the upper portion thereof and having adjacent the interior of the outer wall thereof an annular intake duct arranged to discharge downwardly into the outer portion of the well, and a cup-forming flange located in the oil well radially inwardly of the annular air intake duct, to provide therewith a reversely directed continuation thereof, there being a radial air passageway between said duct portions for a substantial circumferential extent and at substantially the normal static fluid level in said well, the arrangement of parts being such that, under normal operation of the cleaner, the air discharged into the oil well from the annular intake will impinge upon oil in the well and pass over the surface of such oil as remains in that portion of the oil well radially intermediate the cup-forming flange and annular intake and will then pass over the upper edge of said cup-forming flange.

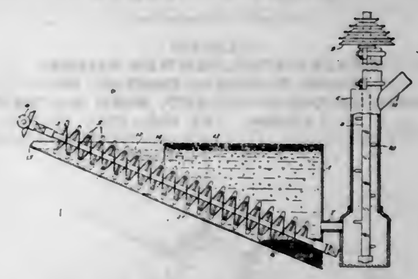
2,130,143
DYNAMO KINEMATIC TRANSFORMER
Pierre Max, Marseille, France
Application January 11, 1937, Serial No. 120,126
In France January 21, 1936
4 Claims. (Cl. 74—259)

1. A dynamo kinematic transformer comprising a driving shaft, a crank arm carried by said driving shaft, a sliding rack arm, a link member connecting said crank arm with said sliding rack arm, a pinion wheel constantly meshing with said rack arm, a flywheel, said pinion in driving engagement with said flywheel, the link member



allowing the rack arm to move for a short period so as to respond to oscillatory movement imparted thereto, the resultant force being communicated from the rack arm to a driven shaft.

2,130,144
PROCESS OF SEPARATING MINERALS, HYDROCARBONS, AND THE LIKE FROM ASSOCIATED MATERIALS
James Mason McClave, Denver, Colo.
Application August 13, 1934, Serial No. 739,610
3 Claims. (Cl. 196—14)

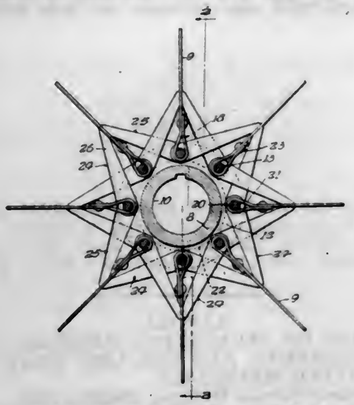


1. A method of separating mineral or other materials, including oil and other hydrocarbons from associated materials, which comprises forming with the materials an aqueous pulp containing a buoyant and a flotation agent, passing the pulp into a chamber, containing water at a constant level, with a bottom inclined upwardly to a discharge opening above the water level, mildly agitating the materials that remain on the bottom of the chamber while carrying them upwardly along the bottom to the discharge opening through a gradually diminishing depth of water, the depth of the water and the movement of the materials through the chamber being such that in the greater part of the chamber the water remains substantially undisturbed and removing from the surface of the water bubbles with adhering particles of floatable material.

2,130,145
CENTRIFUGAL BLOWER ROTOR
Garnet W. McKee, Rockford, Ill.
Application October 20, 1937, Serial No. 169,970
15 Claims. (Cl. 230—134)

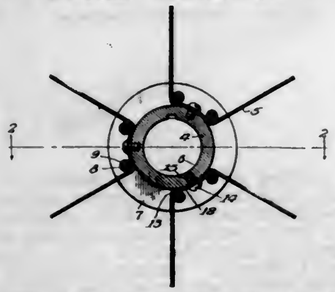
1. A centrifugal blower rotor comprising a cylindrical hub adapted to be connected to and driven by a shaft and having outwardly extending members at its ends, pins arranged in an annular series around, and spaced from, the hub and having the ends thereof connected to and carried by the members, an annular series of separately formed blades corresponding in number to the pins and extending radially from the hub and having eyes at their inner ends extending around and anchored to the pins respectively,

and angularly disposed arms extending between the hub and the inner central portions of the



blades and serving to hold said blades in place and brace them against tilting.

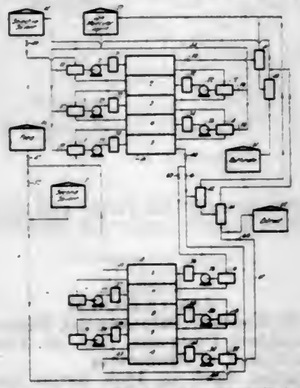
2,130,146
CENTRIFUGAL BLOWER ROTOR
Garnet W. McKee, Rockford, Ill.
Application October 20, 1937, Serial No. 169,971
5 Claims. (Cl. 230—134)



1. A centrifugal blower rotor comprising a hub adapted to be connected to and driven by a shaft and having outwardly extending members at its ends, pairs of radially extending blades arranged in an annular series around the hub and each embodying a hub engaging cross piece between and connected by bends to the inner or root portions of the blades thereof, and pins extending between and carried by said members and arranged so that they fit in the bends respectively and serve to hold the cross pieces in place against the hub.

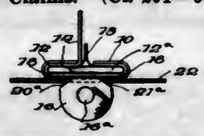
2,130,147
PROCESS FOR SEPARATING HIGH MOLECULAR MIXTURES
Oswald H. Milmore, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
Application December 9, 1935, Serial No. 53,585
14 Claims. (Cl. 196—13)

1. A process for separating a high molecular mixture into fractions having different properties, comprising the steps of subjecting said mixture in an extraction zone to the extractive action of a selective solvent for a component of the mixture which has a relatively higher internal pressure than another component, under conditions to produce liquid primary raffinate and extract phases, subjecting at least a portion of the raffinate in a normal liquid state to the precipitating action of a quantity of a low molecular treating agent which, under treating conditions, is incapable of reacting chemically with the high molecular mixture, under conditions of pressure



and temperature at which said agent is in a paracritical state, said quantity being sufficient to cause the separation of the raffinate into secondary extract and raffinate phases, separating said secondary phases, and commingling the secondary extract phase with the extraction material in the extraction zone.

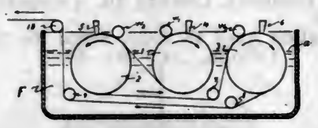
2,130,148
ELECTRICAL RESISTANCE UNIT
Leslie F. Muter, Chicago, Ill.
Application July 6, 1936, Serial No. 89,210
5 Claims. (Cl. 201—63)



1. A resistance unit casing of the type adapted to be used on resistance units suited for use in amplifying apparatus comprising a blank of elongated, substantially rectangular body portion, substantially parallel, longitudinal sections of the sides of said blank being adapted to be folded over a resistance element to embrace said resistance element, a pair of tongue-like elements extending from the ends of said blank, said tongue-like elements having the edges of the sides thereof diverging to form wedge-like elements adapted to be bent downward with respect to said blank body portion to be received in slots and engage sides of said slots in cam-like fashion.

2,130,149
PROCESS FOR THE PRODUCTION OF CELLULOSE ESTER FOILS OR SHEETS
Kurt Nagel and Ludwig Scheffer, Mainz-Mombach, Germany, assignors to the firm of Deutsche Gold- und Silber Scheideanstalt, vormals Roessler, Frankfort-on-the-Main, Germany
Application March 6, 1936, Serial No. 67,553
In Germany March 6, 1935
6 Claims. (Cl. 18—57)

1. A process for the production of cellulose ester foils, comprising pouring a cellulose ester solution to form a film, subjecting the film so formed to the action of a precipitating linuid until the film has



attained a nascent stability of form, and then pouring a solution of the same cellulose ester on the film to form a layer thereon.

2,130,150
PROCESS FOR THE TREATMENT OF TEXTILES
Alexander Nathansohn, Berlin-Wilmersdorf, Germany
No Drawing. Application April 11, 1930, Serial No. 443,633. In Germany April 19, 1929
1 Claim. (Cl. 8—120)

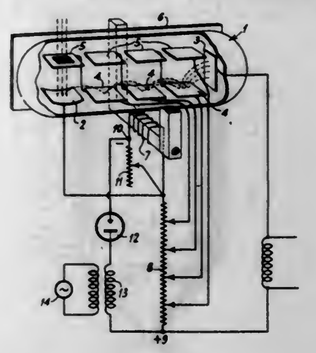
A process for making cotton water repellent without destroying its porosity, softness and dyeing properties, which comprises taking a solution containing an esterifying agent selected from the group consisting of an acyl halide and an anhydride of a higher fatty acid, impregnating cotton therewith in the absence of alkalies, drying the cotton and thereafter heating the impregnated cotton at a temperature within the range of from about 35° C. to 100° C. for several hours.

2,130,151
PRODUCTION OF QUINONE AND HYDROQUINONE
Herbert Palfreeman, Manchester, and Norman Victor Sydney Knibbs, Kent, England
No Drawing. Application December 12, 1934, Serial No. 757,236. In Great Britain December 16, 1933
9 Claims. (Cl. 204—9)

1. A process for the production of quinone comprising subjecting a material selected from the group consisting of lead and alloys of lead to the passage of an alternating current in an acid electrolyte to form an active and stable anode, electrolyzing a mixture containing benzene and an electrolyte by means of direct current passed between said active and stable anode and an inactive cathode without the use of a diaphragm, removing resultant quinone as a solution in benzene and supplying more benzene to the cell, and so adjusting such removal and supply as to keep the quinone concentration of said solution relatively low.

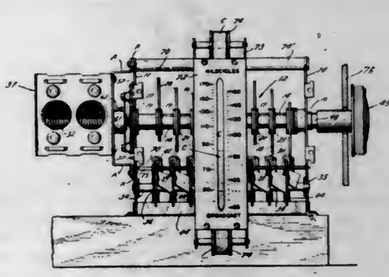
2,130,152
REGULATION OF MAGNETIC ELECTRON MULTIPLIERS
Theodore B. Perkins, Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, a corporation of Delaware
Application May 18, 1937, Serial No. 143,287
6 Claims. (Cl. 250—27)

1. The method of regulating the output current of a magnetic electron multiplier in which an electrostatic field of an intensity dependent on supply voltage and a magnetic field across said electrostatic field constrains an electron discharge to impinge on a secondary electron emitter, which consists in changing the strength of the magnetic field in response to changes in the supply voltage to maintain the strength of the magnetic field proportional to the intensity of



the electrostatic field for minor variations in the supply voltage.

2,130,153
TUNING DEVICE FOR RADIO RECEIVERS
Alexander W. Piemaier, Chicago, Ill., assignor to Belmont Radio Corporation, a corporation of Illinois
Application October 20, 1937, Serial No. 170,070
17 Claims. (Cl. 74—10)

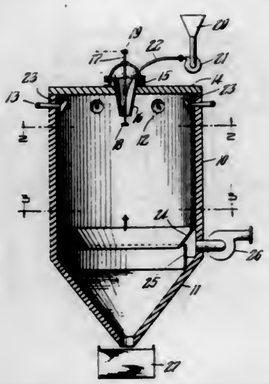


1. Radio tuning apparatus for movement through no more than 180°, including in combination, a rotatable shaft, a pair of spaced apart parallel frame members supporting said shaft, with the latter extending through each frame member, rotating means for said shaft on one end thereof, and a stop member keyed to said shaft at the other end thereof for engagement with corresponding stops on the adjacent frame member positioned in a manner to limit the rotation of the shaft to substantially 180°, and station selecting means on said shaft intermediate the frame members.

2,130,154
HEAT TREATING POWDERED MATERIAL
Champlain L. Riley, Watchung, N. J., assignor to Industrial Associates, Inc., New York, N. Y., a corporation of New York
Application January 19, 1937, Serial No. 121,279
3 Claims. (Cl. 34—34)

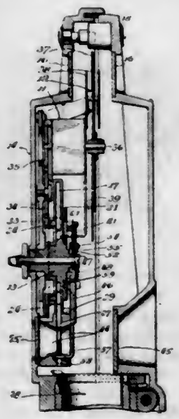
1. The process of heat treating powdered material which comprises centrifugally spraying said material in a horizontal plane near the top of a chamber, burning a plurality of gaseous fuel

jets uniformly arranged around said chamber, reflecting the heat of combustion into said plane



and withdrawing gases and vapors from said chamber below the spray level.

2,130,155
PARKING METER
David C. Rockola, Chicago, Ill.
Application June 1, 1936, Serial No. 82,864
6 Claims. (Cl. 194—98)



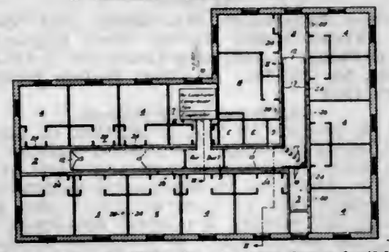
1. A token or coin controlled parking meter comprising token or coin freed means for energizing the meter mechanism, a casing for the foregoing means, having a pair of aligned sight windows in opposite walls thereof, a token or coin receptacle, a token or coin guideway in said casing for guiding tokens or coins from said token or coin freed means to said receptacle, said guideway having a pair of aligned apertures in opposite sides thereof aligned with said sight windows, means for arresting each token or coin from said token or coin freed means in view between said apertures and for holding the arrested token or coin in that position until said token or coin freed means is again freed, and a pair of members on said token or coin freed means each arranged for successively operating the arresting and holding means to and from its arresting and holding position.

2,130,156
ELECTRICAL RESISTANCE UNIT
Karl E. Rollefson, Evanston, Ill., assignor to The Muter Company, Chicago, Ill., a corporation of Illinois
Application April 18, 1936, Serial No. 75,179
1 Claim. (Cl. 201—67)



A resistance unit comprising a core of asbestos coated with resin wood oil varnish, a resistance wire winding of relatively small diameter wound over said varnished core, a covering of resin wood oil varnish over said resistance wire winding, a channel-like container for said resistance winding, a wrapping of heat resistant sheet insulating material around said varnished resistance winding, a flat block-like member positioned underneath said wrapped resistance winding for supporting said winding in said channel-like container well spaced therefrom and a filler of heat resisting electrical insulation material completely surrounding said resistance winding and bonding the elements of said winding and said container together.

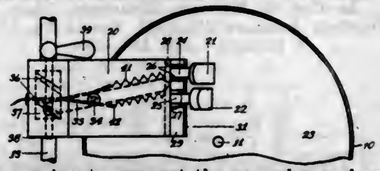
2,130,157
AIR-CONDITIONING SYSTEM
Walter S. Rugg and Henry D. James, Pittsburgh, Pa.
Application January 6, 1936, Serial No. 57,761
2 Claims. (Cl. 98—33)



1. In an air conditioning system for a building including a corridor and a plurality of rooms communicating therewith, a source of conditioned air and means for blowing it along said corridor adjacent to the ceiling thereof, an air-intake device for each room disposed to draw said conditioned air into such room, a vent for each room at a lower level than said air-intake device for returning the air to the corridor, and a horizontally extending partition extending along said ceiling adjacent to but spaced from the ceiling and side walls of the corridor.

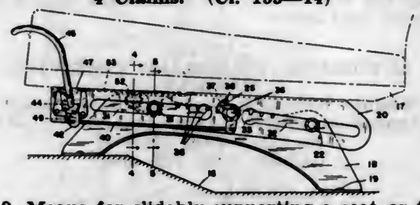
2,130,158
SOUND RECORDING AND REPRODUCING DEVICE
Arno Rysick, Dresden, Germany
Application December 21, 1932, Serial No. 648,245
In Germany June 17, 1929
4 Claims. (Cl. 274—30)

2. In a recording and reproducing device, the combination of a rotatable record carrier, a carriage supported for movement in a plane parallel with and overlying the record carrier, recording and reproducing devices operatively mounted on said carriage for movement relative thereto, a lever arm pivoted on said carriage and arranged to jointly move said recorder and reproducer, a guiding ledge fixed to said carriage and underlying said recorder and reproducer, said guiding



ledge serving to support the recorder and reproducer above and out of engagement with a record on said record carrier, and having a notch formed therein permitting downward movement of either the recorder or reproducer into engagement with a record on said carrier, and manual means to actuate said lever.

2,130,159
SEAT SUPPORT
Walter S. Saunders and Thomas A. McGregor, Pontiac, Mich., assignors to American Forging & Socket Company, Pontiac, Mich., a corporation of Michigan
Application November 9, 1936, Serial No. 109,858
4 Claims. (Cl. 155—14)

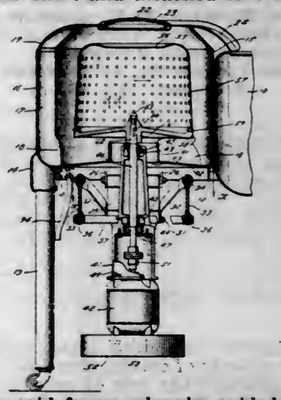


2. Means for slidably supporting a seat or the like comprising a track element having an upstanding web, a carriage element rollably supported upon the track element and having a downwardly extending web overlapping the track web, anti-friction rollers carried by one of said webs and engaging slots formed in the other to rollably support the carriage and limit travel thereof, said track having notches along the top portion thereof, a dog carried by the carriage and having a portion movable into and out of engagement with any of said notches to releasably hold the carriage element with respect to the track element, and operating means for said dog comprising an operating shaft carried by and near one end of the carriage element and rockable about an axis transverse to the path of travel of said element, and link means connecting said dog and operating shaft.

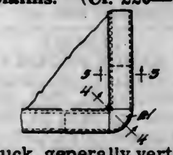
2,130,160
CENTRIFUGAL EXTRACTOR
Albert Schellenberg, Joliet, Ill.
Application September 7, 1937, Serial No. 162,586
10 Claims. (Cl. 210—72)

1. In a centrifugal machine, instrumentalities for facilitating the drying of clothes, comprising a frame, a tub, a rotatable clothes container located within the tub formed to permit the discharge of water therefrom, means for effecting rapid rotation of the container including a driven shaft and a motor suspended therewith for driving the shaft, and suspension means for the container, shaft and motor permitting a freedom of lateral bodily movement thereof under rotation of various loadings of the container, said suspension means including a mounting for the

shaft and separate longitudinally stretchable and laterally flexible supporting devices for said mounting located at spaced points circumferentially of the shaft and attached to said mounting and to said frame whereby said devices intermediate their points of attachment to the mounting and frame will conform to strains and forces imparted thereto longitudinally and laterally of the shaft to absorb resultant vibrations.



2,130,161
HAND TRUCK BODY ASSEMBLY AND METHOD
Thomas Shaw, Cranston, R. I.
Application September 15, 1936, Serial No. 100,799
8 Claims. (Cl. 220—73)



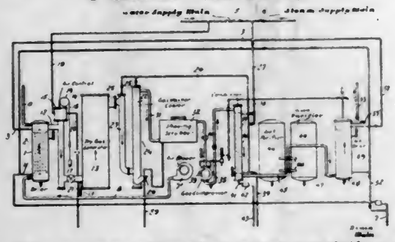
1. In a box truck, generally vertical walls rolled outwardly at their upper edges, a core secured at the corner of said rolled upper edges and of less diameter than the outer surface of said rolled edges, and a filling welded to said core substantially over the entire exposed surface thereof and of a thickness so that the outer surface of said fill shall be substantially flush with the outer surface of said rolled edges.

2,130,162
TUNING INDICATOR TUBE
Harry C. Thompson, Montclair, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Original application June 27, 1935, Serial No. 28,665. Divided and this application May 19, 1936, Serial No. 80,474
4 Claims. (Cl. 250—27.5)



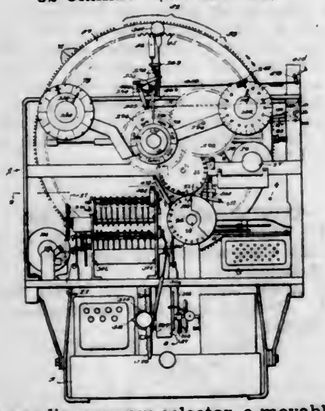
1. An electron discharge device having an envelope enclosing a straight thermionic electron emitting cathode, an anode having a flat surface adjacent said cathode and having a fluorescent coating thereon, a control electrode comprising a pair of straight conductors parallel to and on the opposite side of the cathode from said anode for determining the extent of the anode reached by the electrons emitted by the cathode.

2,130,163
PROCESS OF MAKING GAS
William Tiddy, New York, N. Y., Charles H. Hughes, Glen Ridge, N. J., and Reginald P. Oliveros, Brooklyn, N. Y., assignors to Semet-Solvay Engineering Corporation, New York, N. Y., a corporation of New York
Application January 24, 1936, Serial No. 60,572
5 Claims. (Cl. 23—5)



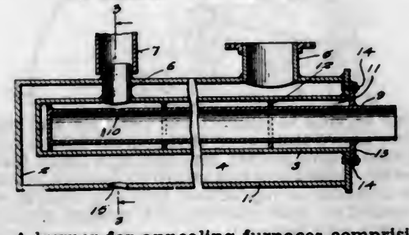
3. The process of making a gas consisting substantially entirely of carbon monoxide and nitrogen and substantially free of oxygen, hydrogen, moisture and sulfur impurities which comprises continually passing a stream of air over moisture-absorbing material to remove the moisture substantially completely therefrom, passing the moisture free air through a bed of coke of a sufficient depth to react substantially all of the oxygen content of the air with the fuel, removing water solubles, condensable constituents and entrained solid impurities from the resultant gas, cooling the thus partially purified gas to condense moisture, removing sulfur impurities from the partially purified gas and removing residual moisture from the resultant gas.

2,130,164
AUTOMATIC RADIO PROGRAM SELECTOR
Robert H. Verkins, Minneapolis, Minn.
Application November 23, 1933, Serial No. 699,452
Renewed May 24, 1937
32 Claims. (Cl. 250—20)



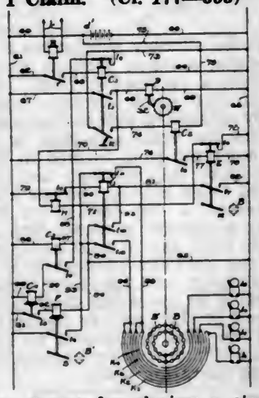
3. In a radio program selector, a movable member carrying a multiplicity of actuators for controlling the tuning in of radio programs from any predetermined selected one of a plurality of sending stations at predetermined selected times and for predetermined selected intervals over an active period of time less than twenty-four hours, means to set selected ones of said actuators, means to move the member a single step at the beginnings of said intervals within the first-named period of time, and means rendering said last-named means inoperative to move the member during the part of said twenty-four hour period not included in said active radio-operating period.

2,130,165
REMOVABLE TUBE BURNER
Le Roy H. Warren, Struthers, Ohio
Application January 19, 1937, Serial No. 121,380
2 Claims. (Cl. 158—99)



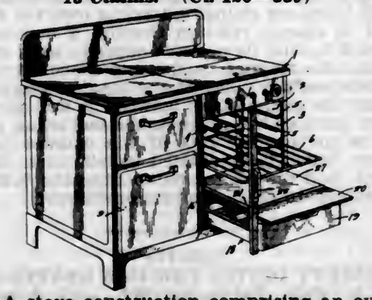
1. A burner for annealing furnaces comprising a casing having an air inlet and an air outlet, a sleeve having one end open arranged in said casing with the open end extending through one end of the casing, a gas discharge neck secured to said sleeve directly above the air outlet and extending to the exterior of the casing, a gas pipe having a gas port arranged in said sleeve, and a closure plate removably secured to said gas pipe and to an end of the casing for closing said sleeve.

2,130,166
AUTOMATIC TELEGRAPH RECEIVING MACHINE
Yoshito Watanabe, Suma-ku, Kobe, Japan
Application May 22, 1935, Serial No. 22,673
In Japan June 20, 1934
1 Claim. (Cl. 177—353)



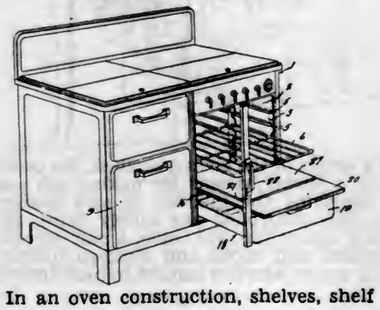
A selector device for closing a circuit in response to prearranged codes of dot, dash and interletter space impulses comprising a frame, a rotatable squirrel-cage type controller mounted for rotation in said frame and having studs fixed thereto, said studs being equally spaced at the periphery of said controller, each having a flange and a contact roller mounted thereon and slidable longitudinally thereof on each side of said flange, partitions fixed to said frame adjacent to the path of movement of said studs and forming passageways having entrances for said rollers on each side of said flange and corresponding to an interletter space, to spacing between impulses of the same letter, to a dot and to a dash, respectively, means for normally causing the rollers on one side of the flange to be positioned to enter the dot passageway and the rollers on the other side to enter the passageway corresponding to spaces between impulses of the same letter, selecting means positioned at the entrance of the passageways for moving the positioned rollers to cause the dot and dash rollers to enter the dash passageway and the interletter space rollers to enter the interletter space passageway, means responsive to the receipt of a dot or a dash impulse to move the controller the space from one stud to the next to successively present the rollers to the selecting means, means responsive to a dash impulse to cause the selecting means to move the selected roller into the dash passageway, means responsive to the receipt of an interletter space impulse for causing the selecting means to move the then presented space roller to interletter space position, contact members mounted on said frame to be engaged by said rollers, said contact members being arranged in accordance with the code to which the selector is to respond, and a circuit including in series all of said contact members.

2,130,167
STOVE CONSTRUCTION
Anton K. Weiskittel, Baltimore, Md., assignor to Harry C. Weiskittel Co. Inc., Baltimore, Md., a corporation of Maryland
Application June 5, 1936, Serial No. 83,799
13 Claims. (Cl. 126—339)



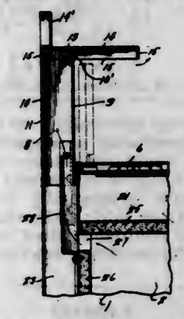
1. A stove construction comprising an oven, a source of heat in the oven, a sliding frame in the oven which is adapted to support food to be cooked, lying above and below said source of heat, a handle attached to the bottom part of said frame outside of the oven whereby the sliding frame may be moved outwardly from the oven to inspect food being cooked.

2,130,168
OVEN CONSTRUCTION
Anton K. Weiskittel, Baltimore, Md., assignor to Harry C. Weiskittel Co. Inc., Baltimore, Md., a corporation of Maryland
Original application June 5, 1936, Serial No. 83,799. Divided and this application November 20, 1936, Serial No. 111,945
9 Claims. (Cl. 126—339)



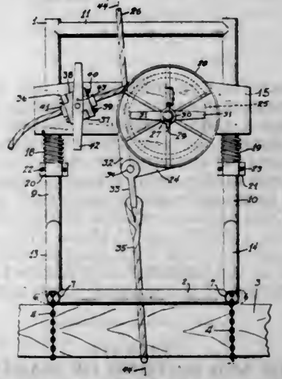
3. In an oven construction, shelves, shelf support frames, a sliding support in the oven upon which food is adapted to be placed to be cooked and on which the frames are supported, an upstanding handle support attached to said first mentioned support outside of the oven whereby the sliding support may be moved outwardly from the oven to inspect food being cooked, and a handle attached to the upstanding handle support.

2,130,169
WARMING SHELF FOR OVENS
Anton K. Weiskittel, Baltimore, Md., assignor to Harry C. Weiskittel Co. Inc., Baltimore, Md., a corporation of Maryland
Application April 14, 1937, Serial No. 136,882
3 Claims. (Cl. 126—332)



2. In a stove construction embodying an oven, a duct removably secured to the rear portion of the stove, a warming shelf carried by the duct, an aperture in the rear portion of the oven through which the oven gases escape, a flue positioned over said aperture and extending upwardly into the duct for directing the oven gases through said duct to the warming shelf.

2,130,170
SNUBBING CLAMP AND STAND
Henry Allyn Wood, Berkeley, Calif.
Application November 2, 1937, Serial No. 172,386
7 Claims. (Cl. 255—2)

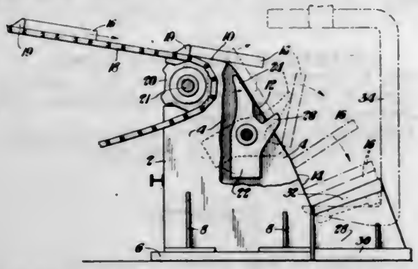


4. In combination, a frame, a cross-head slidably carried thereby, a snubbing wheel and a clamp carried by the cross-head.

2,130,171
SLAB PILER
Theodore A. Zsamboky, Sharon, Pa.
Application December 31, 1936, Serial No. 118,652
5 Claims. (Cl. 214—6)

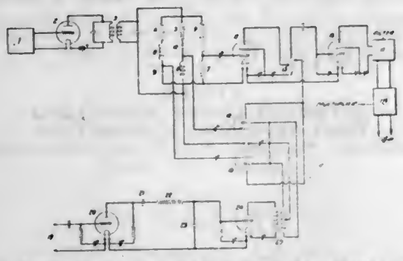
1. Apparatus for piling flat metallic pieces in-

cluding a plurality of aligned skid-members provided with backwardly inclined front surfaces, means for moving said pieces successively onto said front surfaces, said front surfaces being adapted to permit gravity to slide said pieces thereover, pawls provided with upper and lower fingers pivotally secured between a plurality of pairs of said skid-members, said pawls adapted



to be actuated by the weight of said pieces and being constructed and arranged to start said pieces rotating about their lower edges, said apparatus being adapted to permit said pieces to continue to move downwardly and rotate after being released from said pawls, and a plurality of spaced catchers secured against the base of said skid-members for receiving said pieces.

2,130,172
RADIO TRANSMITTING SYSTEM
Edwin H. Armstrong, New York, N. Y.
Application August 25, 1936, Serial No. 97,736
2 Claims. (Cl. 179—171)



1. Apparatus for modulating the phase of a radio frequency carrier, comprising means for generating a radio frequency carrier current of fixed frequency, an amplifier, a balanced modulator, means for applying the radio frequency carrier current to the input circuit of said amplifier and said balanced modulator in such phase relation that the voltages applied to the inputs of the modulators are 180° out of phase with each other, and 90° out of phase with the current applied to the input of the amplifier, and means for combining the output of the amplifier and modulator.

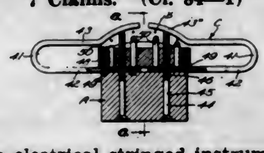
2,130,173
NOZZLE AND METHOD OF MAKING THE SAME
Joe L. Barnes, Des Moines, Iowa, assignor to L. R. MacKenzie, Incorporated, Des Moines, Iowa, a corporation of Delaware
Application April 12, 1937, Serial No. 136,394
3 Claims. (Cl. 299—154)

1. A method of forming a nozzle for use in spraying various liquids, comprising the steps of flattening the end of a tube to bring the edges snugly together, and then forming rounded notches in the adjacent closed edges, for thus



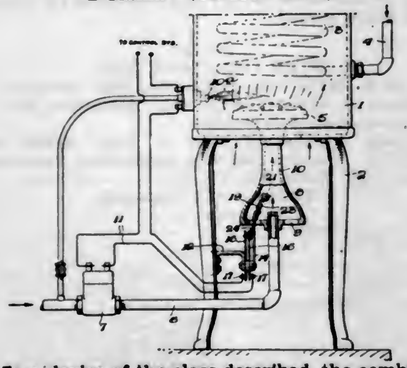
forming an open slot of less length than the transverse length of the closed end of the tube.

2,130,174
STRINGED MUSICAL INSTRUMENT
George D. Beauchamp, Los Angeles, Calif., assignor to Electro String Instrument Corporation, Los Angeles, Calif., a corporation of California
Application January 14, 1936, Serial No. 59,032
7 Claims. (Cl. 84—1)



1. In an electrical stringed instrument a neck having a finger board, a plurality of spaced tensioned vibratory strings extending over the finger board in spaced relation thereto, a magnet on the neck having its poles at opposite sides of the strings, the magnet comprising spaced arms, a coil between the poles of the magnet positioned so that the strings pass between it and the adjacent arms of the magnet, the coil being operable to convert the flux of the magnet into a current which is modulated by vibration of the strings, and means for dampening the arms of the magnet to prevent vibration thereof.

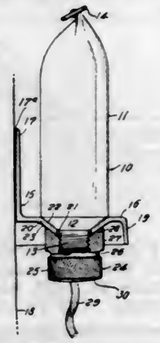
2,130,175
SAFETY DEVICE FOR GAS HEATERS
Paul L. Betz, Baltimore, Md., and Sebastian Karrer, Washington, D. C., assignors to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md., a corporation of Maryland
Application August 30, 1935, Serial No. 38,654
1 Claim. (Cl. 158—117.1)



In a device of the class described, the combination of a burner, means for mixing gas and air and supplying the mixture to said burner, an electrically controlled gas supply valve, an energizing circuit for said valve, a pair of contacts controlling said circuit and disposed outside said mixing means and not subject to heat therefrom,

a frame carrying said contacts and having an arm extending into said mixing means, and a bimetallic element carried by said arm within said mixing means and exposed to heat from a flame therein, said element being operatively connected with said contacts to operate the same.

2,130,176
PASTE DISPENSER
Harry Bond, East Stroudsburg, Pa.
Application July 7, 1936, Serial No. 89,313
4 Claims. (Cl. 221—60)



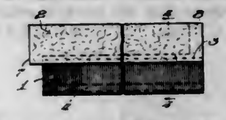
1. For use with a paste containing tube having a collapsible body portion, a shoulder portion at one end of the body portion, and a relatively constricted paste discharging mouth portion extending from said shoulder portion; a dispensing device comprising a bracket having an opening arranged and wide enough to permit straight passage therethrough and protrusion therefrom of the tube mouth portion, said bracket having a socket portion adapted to receive therein and to sustain said tube shoulder portion and thereby the tube as whole in a stabilized operating position for paste discharge therefrom, the seating surface of said socket portion being provided with protrusions adapted to impress themselves into the material of said shoulder portion to prevent rotation of the shoulder portion relative to the socket; and anchoring means adapted to be applied to the protruding tube mouth portion in a manner to secure the seated stabilized position of the tube as a whole by virtue of said anchoring means bearing tightly against a corresponding adjacent surface portion of said bracket.

2,130,177
METHOD FOR MANUFACTURING HOLLOW RUBBER ARTICLES
John H. Doak, Portland, Oreg.
Application May 6, 1936, Serial No. 78,105
4 Claims. (Cl. 18—59)



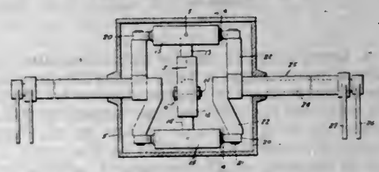
1. The art of manufacturing hollow uncured rubber bodies for molding which comprises the rolling of a sheet of rubber compound upon a mandril, cutting the rolled sheet into sections of the desired length, and finally capping the ends of each section with a rubber cap.

2,130,178
COMPOSITE ROOF PANEL OR SHINGLE
Armin Elmendorf, Winnetka, Ill.
Application January 21, 1937, Serial No. 121,419
12 Claims. (Cl. 108—8)



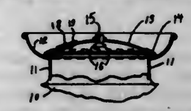
1. A roofing material of the shingle type comprising a lower section of wood and an upper section of felt overlapping each other at their meeting ends, the grain of the wood extending transversely of the lower edge of the shingle, and the wood being divided into narrow strips or strands lengthwise of the grain.

2,130,179
BRAKE EQUALIZER
Harry Espinosa, North Bergen, N. J.
Application April 12, 1937, Serial No. 136,424
4 Claims. (Cl. 188—204)



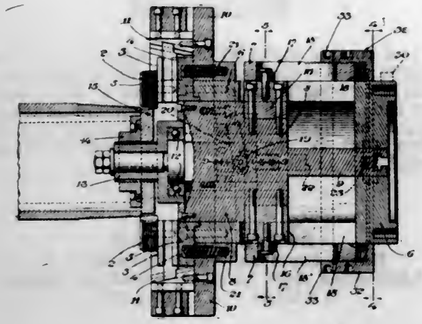
1. A brake equalizer comprising a housing, rock shafts journaled in opposite sides of the housing and projecting therefrom, each of said shafts including a pair of co-axial independently rotatable shaft members, front and rear brake rods connected to the outer ends of the shafts, a pedal actuated member extending from the housing, crank arms attached to the inner ends of the shafts, a tubular member pivotally connected to the pedal actuated member and positioned transversely thereof, T-members slidable in the ends of the tubular member, said T-members including pivoted tubular heads, pins slidable in the ends of the heads and yokes pivotally connecting the outer ends of the pins to the respective cranks.

2,130,180
VACUUM INDICATING DEVICE
Charles E. Evans, Council Bluffs, Iowa, assignor of one-fourth to L. G. Howard, Council Bluffs, Iowa
Application August 24, 1936, Serial No. 97,642
3 Claims. (Cl. 220—44)



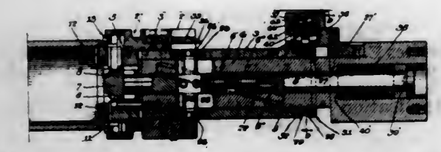
1. In a device of the class described, means forming a vacuum container having a recess in a wall thereof, said recess having a central opening in the bottom thereof, an elastic disk received in said recess and normally bulging outwardly over the opening in the bottom of the recess, and a retaining member secured to the container and having an opening through which the bulge of the disk extends, said retaining member holding the disk securely in the recess but permitting marginal expansion thereof.

2,130,181
POSITIVE ACTING EXPANDING PIPE DIE
William J. Hogg, Cleveland, Ohio, assignor to The National Acme Company, Cleveland, Ohio, a corporation of Ohio
Application December 30, 1936, Serial No. 118,313
20 Claims. (Cl. 10—120.5)



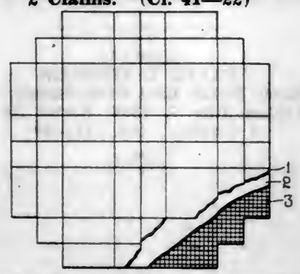
1. A threading die of the class described comprising a housing and a body shiftable one relative to the other, rotatable means carried by the housing at one end thereof, means carried by the body for rotating said rotatable means as the housing and body are relatively shifted by the work, a plurality of chasers, shiftable means carried by the housing at the other end thereof for gradually shifting the chasers to cut a tapered thread, and interlocking cam means carried at the rear of said shiftable and at the front of said rotatable means whereby, on the rotation of the latter, said shifting means will be gradually drawn back relative to the housing.

2,130,182
DOUBLE TAPER TAP
William J. Hogg, Cleveland, Ohio, assignor to The National Acme Company, Cleveland, Ohio, a corporation of Ohio
Application May 22, 1937, Serial No. 144,226
20 Claims. (Cl. 10—145)



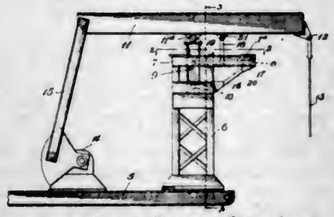
1. A tap comprising a body carrying radially shiftable chasers, a rotatable and axially shiftable sleeve on said body, a housing on the sleeve and having means projecting into the body for preventing independent rotation of the body and housing, means between the housing and sleeve for rotating the sleeve on the relative shiftable movement of said housing and sleeve, a core carried by the body for radially shifting the chasers, and co-operating cam means between the sleeve and core for effecting longitudinal movement of the core in opposite directions thereby first to recede the chasers and then expand them to cut oppositely tapered threads in the same piece of work during a single operation.

2,130,183
DECORATIVE MAT, SIGN, OR THE LIKE
Arthur Holt, Great Crosby, England
Application February 28, 1937, Serial No. 127,978
In Great Britain March 16, 1936
2 Claims. (Cl. 41—22)



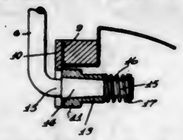
1. A flexible decorative mat consisting of pieces of glass cut by breaking and mounted on a thin layer of cork provided with a fabric backing.

2,130,184
STRAIGHT LIFT PUMPING UNIT
Christopher G. Hopkins, Nashville, Tenn.
Application February 16, 1937, Serial No. 126,058
11 Claims. (Cl. 74—103)



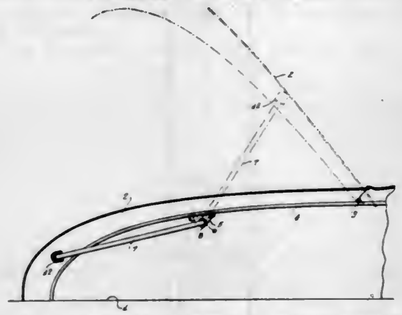
1. In a pumping unit, a walking beam, a movable support providing a floating mounting for said beam, a stationary upright frame for said support, and means for converting the arcuate movement of said beam into rectilinear movement at the pump-operating end thereof comprising linkage mechanism connected in toggle relation on a common pivotal axis, said mechanism including opposed links arranged substantially horizontally with their ends remote from said axis pivoted respectively to the support and frame and an intermediate link having its remote end pivotally connected to the said beam.

2,130,185
DECK LID PROP
Rex C. Jacobs, Detroit, Mich.
Application August 28, 1937, Serial No. 161,395
3 Claims. (Cl. 217—60)



1. In combination with an automobile body having a hingedly mounted lid, a prop for holding said lid open, said prop comprising a bracket mounted on a stationary portion of the body adjacent said lid, said bracket having a tapered socket therein, an arm, a tapered head in said socket supporting said arm for swinging movement thereabout, a member carried by said lid and having a guide slot therein, means on the swinging end of said arm slidably received in said guide slot whereby opening and closing movement of said lid causes swinging movement of said arm, and spring means urging said tapered head into said socket to induce friction opposing swinging movement of said arm.

2,130,186
AUTOMOBILE HOOD PROP
Rex C. Jacobs, Detroit, Mich.
Application August 28, 1937, Serial No. 161,396
7 Claims. (Cl. 217—60)



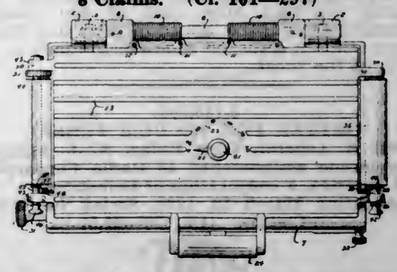
1. In combination with an automobile body having a hingedly mounted hood, a prop for holding said hood open, said prop comprising a bracket mounted on a stationary portion of the body adjacent the hood, said bracket having a tapered socket, a tapered head in said socket, an arm connected to said head and swingably supported with respect to said bracket thereby, and a spring urging said head into said socket to thereby induce friction yieldably opposing rotation of the head.

2,130,187
BRAKE LEVER
Herbert S. Jandus, Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill., a corporation of Michigan
Application July 29, 1937, Serial No. 156,264
3 Claims. (Cl. 74—537)



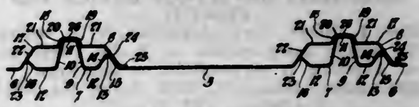
1. A pawl construction for a brake lever including a pawl having a pivot aperture in it, a U-shaped clip arranged with its legs along the side surfaces of the pawl and apertured to register with the pawl aperture, and a tubular member within said apertures and having its ends spun over against the clip legs to connect said pawl and clip together and to provide a bearing surface for the pawl pivot.

2,130,188
MARKING APPARATUS
Saul Kauffman and George G. Doss, Syracuse, N. Y.
Application May 7, 1936, Serial No. 78,499
8 Claims. (Cl. 101—297)



1. A device of the class described, comprising a base member, a head member movable towards and away from said base member, a marking die carried by one of said members, a workpiece locating die adjustably mounted on the other member, and means for adjusting said workpiece locating die, said last named means including a screw shaft, and a yoke member threadedly engaged with said screw shaft and having oppositely extending arms, each arm being provided with means interengaging the work piece locating die adjacent one end thereof.

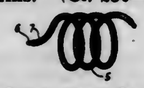
2,130,189
LAP JOINT FOR ROOFING AND THE LIKE
Edward S. Lawrence and George G. McGlaughlin, Mount Lebanon, Pa.
Application September 13, 1937, Serial No. 163,683
1 Claim. (Cl. 108—18)



A lap-joint for roofing and the like comprising sheets adapted to overlap along their meeting edges, each of said sheets having a lapped-edge consisting of a longitudinally upwardly extending main ridge of substantially an inverted U-shaped cross-section, said ridge having diverging opposed side-walls connected by an upwardly arcuated crown portion, each of said side-walls terminating in horizontal flat portions disposed substantially in the plane of said sheet, the horizontal flat portion toward the center of the sheet terminating in a second smaller longitudinally extending ridge of substantially an inverted V-shaped cross-section, the inner side of which terminates in the plane and body of said sheet and the other horizontal flat portion terminating in a longitudinally upwardly extending angular flanged edge, and a lapping edge consisting of a longitudinally upwardly extending overlapping ridge of substantially an inverted U-shaped cross-section for receiving the top of the U-shaped ridge of the lapped-edge, said ridge of the lapping edge having diverging opposed side-walls connected by an upwardly arcuated crown portion conforming to the arcuated crown of the U-shaped ridge of the lapped-edge, said side-walls being spaced farther apart than the side-walls of the U-shaped ridge of the lapped-edge and each terminating in horizontally disposed flat portions spaced from and substantially parallel to the horizontal flat portions of the lapped-edge, one of the horizontal flat portions of the lapping edge terminating in a

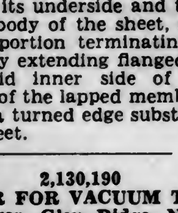
downwardly angularly extending portion contacting the extreme edge of the angular flange of the lapped-edge on its underside and terminating in the plane and body of the sheet, and the other horizontal flat portion terminating in a downwardly angularly extending flanged portion contacting the said inner side of the inverted V-shaped ridge of the lapped member and finally terminating in a turned edge substantially in the plane of the sheet.

2,130,190
GETTER FOR VACUUM TUBES
Ernest A. Lederer, Glen Ridge, N. J., assignor, by mesne assignments, to Radio Corporation of America, a corporation of Delaware
Application March 18, 1936, Serial No. 69,440
5 Claims. (Cl. 250—27.5)



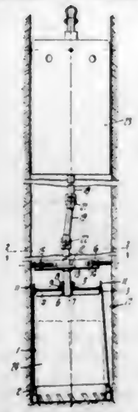
5. The method of manufacturing envelopes containing electrodes and a gas clean-up agent having a refractory body with a surface containing a metal of the group consisting of tantalum, columbium and zirconium, and a coating composed of an alkaline earth oxide and strontium oxide, comprising mechanically exhausting said envelope, heating said electrodes, reducing said alkaline earth oxide by electrically heating said body, and then liberating sufficient free alkaline earth metal to clean up residual gases in the envelope by heating said body to a temperature between the vaporization temperature of the metal of the alkaline earth and the melting point of said strontium oxide.

2,130,191
ELECTRON DISCHARGE DEVICE AND CIRCUIT
Wilbur L. Meier, North Arlington, N. J., assignor, by mesne assignments, to Radio Corporation of America, a corporation of Delaware
Application January 25, 1938, Serial No. 186,789
5 Claims. (Cl. 171—97)



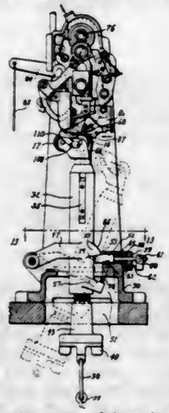
5. An electron discharge device comprising an envelope containing a gas, a thermionic cathode within said envelope, a hollow anode surrounding said thermionic cathode to enclose the space between said thermionic cathode and said anode and having an aperture provided in said hollow anode, an auxiliary cathode positioned in registry with said aperture for supplying an electron discharge between the thermionic cathode and anode to ionize the gas between said thermionic cathode and anode, an inductance, a source of voltage vonnected between one end of said inductance and said thermionic cathode and said source of voltage being less than that required to produce ionization between the thermionic cathode and anode, a resistor connected between the other end of said inductance and said auxiliary cathode, and a condenser connected across said resistor, a connection between an intermediate point on said inductance and said anode, and a condenser connected between said intermediate point and between the resistor and the end of said inductance, and a switch and a resistor connected between the anode and the thermionic cathode.

2,130,192
CORE DRILL
John Branner Newsom, Nevada City, Calif., assignor to Idaho Maryland Mines Corporation, San Francisco, Calif., a corporation of Nevada
Application July 6, 1937, Serial No. 152,027
3 Claims. (Cl. 255—72)



1. A device for straightening a bore, comprising: an upwardly converging core drill; a core drill drive shaft secured to the upper end of said core drill; a spider journaled on said drive shaft for holding said shaft in a predetermined alignment within the bore to be straightened; a main drive shaft; means for holding said main drive shaft in central alignment within said bore; means for rotating said main drive shaft; and an intermediate shaft connected at its ends to said core drill drive shaft and main drive shaft by means of toggle joints.

2,130,193
SHOE MACHINE
Walter P. Osgood, Malden, Mass.
Application May 24, 1937, Serial No. 144,428
14 Claims. (Cl. 12—51)



1. A seam-pressing machine having, in combination, means for supporting the work comprising a pair of spaced apart rolls, a bite guard interposed therebetween, means constructed and arranged to bridge the space between the rolls over the bite guard and bend the flesh or unfinished face of the work about an axis extending substantially normal to the line of feed, and a seam ridge presser foot.

2,130,194
PRODUCTION OF ABRASIVE MATERIALS
Norman P. Robie, Niagara Falls, N. Y., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware
No Drawing. Application July 28, 1936, Serial No. 93,048
10 Claims. (Cl. 51—280)

9. An adhesive for attaching abrasive particles to a backing comprising a heat-hardenable alkyd resin and a water soluble resin containing boric acid in combination.

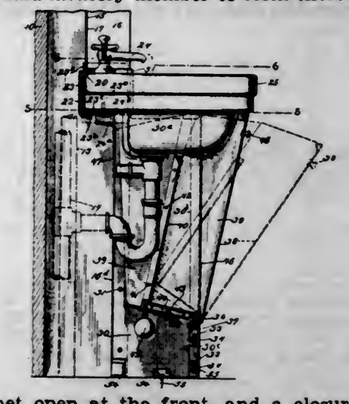
2,130,195
FOUNTAIN PEN
Jay Rogers, Brooklyn, N. Y.
Application September 28, 1937, Serial No. 166,045
1 Claim. (Cl. 120—49)



A fountain pen having the combination with a pen and an ink carrying barrel for said pen, of a cap for said parts including a sleeve over said barrel being longitudinally slidable thereover from a position of covering the pen to a rearward position to uncover said pen, a collar held to said cap within its terminal, a lid hinged to said collar to open and close the cap, a bar hinged to said cap lying longitudinally between the cap and barrel and frictionally engaging the cap and barrel, said frictional engagement of the bar causing it to open said lid upon initial rearward movement of said cap and to close said lid upon termination of the forward movement of the cap, and said collar being longitudinally slidable in said terminal to facilitate the opening and closing action of said lid.

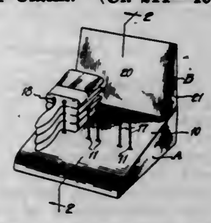
2,130,196
LAVATORY UNIT
George Sakier, New York, N. Y., assignor to The Accessories Company, Inc., New York, N. Y., a corporation of Delaware
Application March 31, 1936, Serial No. 71,816
11 Claims. (Cl. 4—166)

1. A unit of the character described comprising a vertical panel forming an enclosure open at the front and having an inwardly facing recess extending about the intermediate portion of the interior thereof, a lavatory member projecting from within said panel and having the rear portion of the rim thereof disposed within said recess, lateral wall portions extending forwardly from said panel below the projecting portion of said lavatory member to form thereunder



a cabinet open at the front, and a closure for the open front of said cabinet.

2,130,197
DISPLAY DEVICE
Joseph Schick, Brooklyn, N. Y., assignor to Baker Brush Co. Inc., New York, N. Y.
Application August 19, 1937, Serial No. 159,831
1 Claim. (Cl. 211—49)

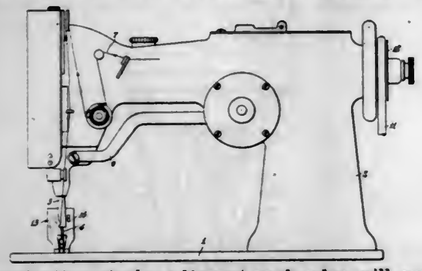


A display device comprising a plate or panel-like member of semi-flexible material having a transversely extending series of openings intermediate the ends thereof, a stiffening element secured to said panel-like member and extending transversely of the rear face thereof and positioned directly in line with said openings, a plurality of U-shaped resilient members projecting through said rigid members and the openings in the panel-like member with the legs of each U-shaped member in converging relation, and means for securing the rigid member permanently to the rear face of the panel-like member.

2,130,198
APPARATUS FOR FORMING BLIND STITCHED FACINGS
Charles Seaman, Jamaica Estates, N. Y.
Application January 7, 1936, Serial No. 57,872
4 Claims. (Cl. 112—176)

1. In a sewing machine adapted to produce a blind stitched facing, a needle, means to horizontally move the needle to produce a zig-zag stitching, a presser foot having a pair of spaced members and provided with an edge between said spaced members positioned adjacent the vertical path of travel of the needle, a folder designed to fold each longitudinal edge of a facing to form an edge fold having at least a top ply and an under ply at the respective edges, means to feed the same around the edge of the presser foot between said spaced members to present the respective under

side of the under ply to the needle for alternately stitching each edge fold from the under side of the respective under ply whereby the needle in its



penetrating stroke adjacent each edge will enter and emerge from the respective under side of the under ply without penetrating the outer surface of the facing to produce a blind stitch.

2,130,199
SHOE LAST
Paul Selendi, Toronto, Ontario, Canada
Application December 16, 1936, Serial No. 116,140
1 Claim. (Cl. 12—133)



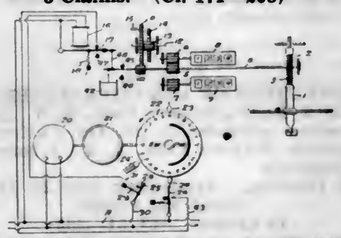
A shoe last of the class described in which the arch portion rises substantially vertically immediately rearwardly of the ball of the foot thence curves convexly to its highest point as determined by the height of the heel of the shoe formed on said last and from that point curves slightly downwardly across the arch portion towards the heel portion, the convex face of the first mentioned convex curvature pointing toward the toe portion of said last.

2,130,200
BOXING GLOVE
Rafael Escobar Smith, Santiago, Chile
Application September 29, 1937, Serial No. 166,289
2 Claims. (Cl. 2—18)



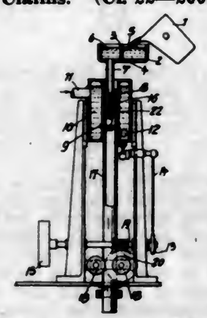
1. A boxing glove comprising an outer covering formed from a single central piece of material having a cup-shaped contact end and a pair of substantially circular side pieces stitched to the first mentioned piece and forming a glove body presenting almost the shape of a globe merging into a tubular wrist part having an aperture extending therethrough and communicating with the interior of the glove, an inner lining of substantially the same shape as the outer lining, a padding between said linings, said padding being the thinnest at the wrist part of the glove and thickest at the contact end, the aperture in said wrist part being adapted to receive the free ends and knot of a cord tied about said wrist part.

2,130,201
MULTIRATE METER
Philip Sporn, Brooklyn, N. Y., Ray H. Wolford, Elizabeth, N. J., and William C. Nein, Tuckahoe, N. Y.
Application February 28, 1936, Serial No. 66,186
3 Claims. (Cl. 171—268)



1. The combination of an electric watthour meter, two integrating watthour registers, means for driving said registers by said watthour meter in proportion to the metered energy and means controlled by the time and also by the energy metered during a given time period for alternately connecting said driving means in driving relation to said registers, said metered energy causing the shifting of said driving means from one register to another after consumption of a predetermined amount of said energy and said time control shifting said driving connections at the end of said time period if the said predetermined amount of energy has not been consumed during that period.

2,130,202
CONTINUOUSLY CASTING PIPE
Manuel Tama, Zurich, Switzerland
Application June 30, 1937, Serial No. 151,241
In Germany August 18, 1936
5 Claims. (Cl. 22—200.1)



1. In a device for continuously casting metal tubes, the combination comprising, a water cooled mold, a mandrel arranged in said mold in spaced relation to the inner periphery thereof, a tube to support said mandrel and to supply melted metal to be cast, said tube being spaced from the inner periphery of said mold a distance greater than said mandrel to provide an annular space above said mandrel of greater cross section than that of the tube to be cast.

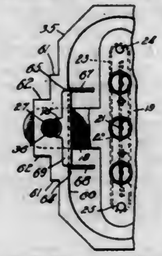
2,130,203
BEAM LOCK
Moten E. Tanner, Spartanburg, S. C.
Application October 16, 1937, Serial No. 169,342
2 Claims. (Cl. 308—24)

1. In a loom having a pair of brackets secured to the frame of the loom and each being provided with an upwardly opening semi-circular cavity to serve as a bearing portion for the journals of a warp beam, and also having a rib projecting from one side thereof, means for releasably locking the journals in said cavities for rotation, comprising a member provided with a downwardly opening semi-circular bearing portion, said member having an inturned hook on one end adapted to fit beneath said rib on the bracket



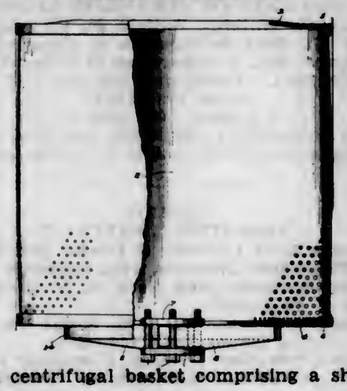
and having a vertically disposed slot in its other end, a bolt penetrating said slot and said bracket, which bolt when its nut is driven home serves to hold the hook beneath the rib on the bracket and to thus hold the member in a position to confine the journals of the warp beam in said semi-circular cavities.

2,130,204
VACUUM TUBE
Warren G. Taylor, Chicago, Ill.
Application July 2, 1937, Serial No. 151,690
9 Claims. (Cl. 250—27.5)



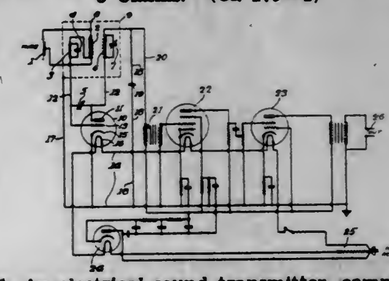
1. A vacuum tube comprising an evacuated receptacle having a cathode and a carbon anode and tantalum vanes electrically connected to said anode and extending toward said cathode and being so proportioned that during normal operating conditions said vanes are heated to at least dull red.

2,130,205
CENTRIFUGAL BASKET
John F. Tholl, Needham, Mass., assignor to American Tool & Machine Co., Hyde Park, Mass., a corporation of Massachusetts
Application March 19, 1936, Serial No. 69,676
7 Claims. (Cl. 210—76)



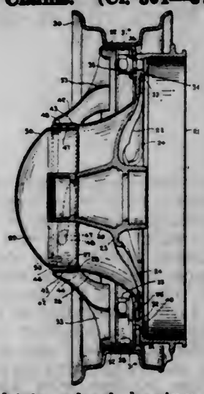
1. A centrifugal basket comprising a shell of approximately cylindrical form, a bottom for said basket comprising a circular metal plate welded at its edge to said shell, a plurality of reinforcing ribs welded to the bottom of said plate and extending from the central portion of the basket bottom toward its periphery, and a ring concentric with the basket and welded to the outer ends of said ribs.

2,130,206
ELECTRICAL SOUND TRANSMITTER
Hulburt C. Tittle, Park Ridge, Ill., assignor, by mesne assignments, to Aurex Corporation, Chicago, Ill., a corporation of Illinois
Application November 16, 1934, Serial No. 753,315
5 Claims. (Cl. 179—1)



1. An electrical sound transmitter, comprising a coil, a condenser microphone having its terminals connected to the opposite terminals of the coil, with one coil terminal connected to an input element of a tube, a separate coil and one terminal thereof connected to an output element of a tube, the other terminal of the last mentioned coil being connected to an amplification system for the output, and a tuning condenser in shunt of said output coil, for producing frequency modulation as the result of sound waves picked up by said microphone, and operative also for demodulating the signal, together with a variable condenser feed-back which can be set to insure effective and stable frequency modulation.

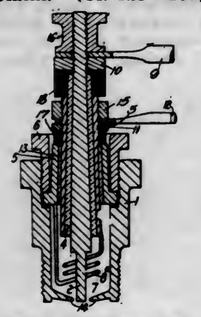
2,130,207
WHEEL
Andrew S. Van Halteren, Lansing, Mich., assignor to The Firestone Steel Products Company, Akron, Ohio, a corporation of Ohio
Application April 18, 1935, Serial No. 17,020
9 Claims. (Cl. 301—37)



1. In a vehicle wheel having a dust cover mounted thereon and concealing one side thereof, an ornamental cover supported solely by said

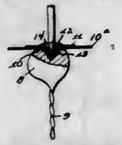
dust cover, and a separate intermediate ring for removably attaching the ornamental cover to the dust cover, said ring being accessible from the front of the wheel.

2,130,208
SPARKING PLUG
William John Vincent, Cardiff, Wales
Application March 3, 1937, Serial No. 128,851
In Great Britain March 3, 1936
1 Claim. (Cl. 123—169)



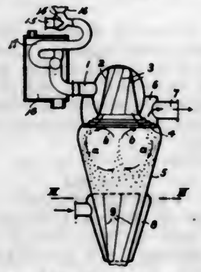
A sparking plug comprising in combination with a plug body, a central electrode, said central electrode having a lower free end extending within said plug body, a conducting sleeve surrounding and insulated from said central electrode, a conducting bush surrounding and insulated from said conducting sleeve, a gland nut engageable with said bush to hold said bush in said plug body, a resistance coil disposed around and spaced from the lower free end of said central electrode, said resistance coil being adapted to be heated from a source of low tension current, the resistance coil being connected at one end to said conducting sleeve and at the other to said bush and means remote from the plug body providing connection between said connecting sleeve and the source of low tension current.

2,130,209
PROCESS FOR THE MAKING OF ARTIFICIAL FLOWERS
Carmen von Brun, born Buelle, Berlin, Germany
Application August 18, 1937, Serial No. 159,718
In Germany March 27, 1936
2 Claims. (Cl. 41—13)



1. The herein described process for the making of artificial flowers from crepe paper, comprising the steps of folding an end of a strip of such paper about a ball of wadding and then twisting the strip of paper tightly into stem formation, so that said paper and wadding ball form a stem and ovary pad, preparing the petals by shaping a paper disk to form a plurality of radial projections extending from a common center, placing upon said common center one or more small round disks of paper, differing in color from the petals and being secured with adhesive to the petal disk, piercing a hole in the middle of the ovary pad, placing the prepared petals centrally on top of the hole, attaching the prepared petals to the ovary pad by pressing a small piece of material, carrying adhesive, together with the petals into the hole, so that such piece of material is caused to take the shape of a paper tack or nail.

2,130,210
SEPARATION AND GAS TREATMENT OF GAS-DUST MIXTURES
Kurd von Haken, Berlin, Germany
Application August 7, 1935, Serial No. 35,138
In Germany August 7, 1934
5 Claims. (Cl. 202—1)



1. A method of separating out gas from gas-dust mixtures, particularly in chemical and thermal process, comprising preheating a gas-dust mixture, introducing the preheated mixture into a separation plant, causing the mixture to whirl downward through the plant, deflecting part of the gas from the mixture, while reversing the direction of flow of part of the gas and subdividing this part of the gas current, repeating the whirling and deflecting operation, adding gases to the downward flowing mixture from below and collecting and cooling the final dust-shaped product.

2,130,211
TINNING COMPOUND
Morris M. Savedoff, Brooklyn, N. Y.
No Drawing. Application December 19, 1936, Serial No. 116,714
3 Claims. (Cl. 134—24.5)

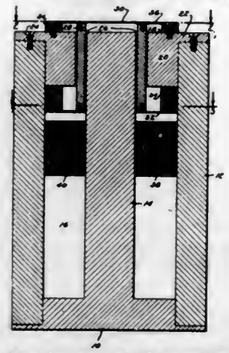
1. A tinning compound consisting of a solvent of water, copper sulphate and sulphuric acid, a base of silica powder, gum arabic as an emulsifying and oxidation retarding agent and mercury mixed to a paste-like consistency.

2,130,212
TREATMENT OF POLYVINYL ALCOHOL
William W. Watkins, Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 17, 1937, Serial No. 175,042
3 Claims. (Cl. 260—2)

1. A composition comprising polyvinyl alcohol treated with cuprammonium hydroxide solution.

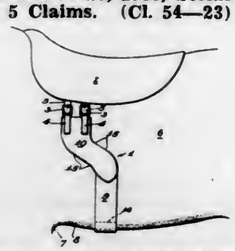
2,130,213
VIBRATION DETECTOR
Alexander Wolf, Laurence G. Cowles, and William S. Richardson, Houston, Tex., assignors to The Texas Company, New York, N. Y., a corporation of Delaware
Application October 23, 1935, Serial No. 46,242
6 Claims. (Cl. 177—352)

1. In a vibration detector, a member responsive to vibrations, said member comprising a magnet having a pair of poles substantially coextensive and disposed in parallel, the adjacent ends of said pole pieces forming an air gap, an inertia member of metallic non-magnetic material of a size to fill substantially all of said air gap, means for resiliently suspending said inertia



member in said air gap, and a coil winding surrounding one of said poles a point spaced longitudinally from said air gap, said winding being adapted to have induced therein an E. M. F. produced by variations in flux caused by relative movement between said inertia member and the poles of said magnet.

2,130,214
SADDLE GIRTH
David H. Wright, New York, N. Y.
Application March 23, 1938, Serial No. 197,579
5 Claims. (Cl. 54—23)

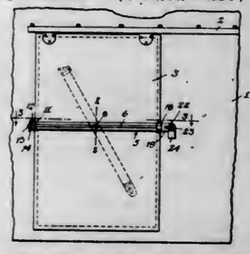


1. A saddle girth comprising a leather band, the ends of said girth being curved, means on such ends of said girth whereby said girth may be attached to the saddle, the curves at the ends of the girth being such that the leather band will pass beneath the body of the horse in a plane posterior to the portion of the horse at which the girth is attached to the saddle.

2,130,215
TRANSPARENT GLASS COLORS
James H. Young, Elizabeth, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application March 5, 1936, Serial No. 67,326. Renewed July 27, 1938
12 Claims. (Cl. 106—36.2)

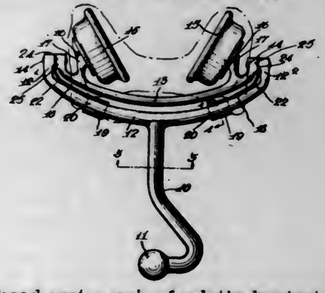
1. A process for preparing a vitrifiable coloring composition which when applied to a glass object to be coated will result in a transparent color which comprises the steps of melting together a pigment of the metallic sulfide type in an amount not exceeding about 5% by weight of the batch, a compound having the same metallic radical as the sulfide coloring pigment, and a suitable low melting lead borosilicate glass base formed from a non-oxidizing lead compound, the melting being carried out under substantially neutral conditions, air being excluded from the vessel and the time and temperature employed during the melting being carefully controlled so that a transparent product will result when the vitrifiable composition is fired in use.

2,130,216
DOOR LOCKING BAR
George Zaninovich, Dinuba, Calif.
Application January 25, 1938, Serial No. 186,771
3 Claims. (Cl. 292—259)



1. A locking structure for a door comprising a bar adapted to extend from one side edge to the other side edge of the door, means for pivotally mounting the bar to the door, a catch structure arranged at each end of the bar body, a fixed eye interlocking with one of said catch structures, a second fixed eye interlocking with the second catch structure, and a padlock shackle extending through said second-mentioned fixed eye.

2,130,217
NAPKIN HOLDER FOR HEADRESTS
James Herman Abbott, Bala-Cynwyd, Pa.
Application May 4, 1936, Serial No. 77,739
1 Claim. (Cl. 155—176)

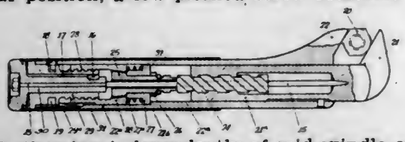


In a head-rest, a pair of relatively pivoted parts comprising a yoke, a cradle and pivots at opposite ends of the cradle pivotally supporting the cradle in the yoke, in combination with clips one on each pivot and each having a clip washer portion surrounding a pivot, between the confronting faces of the cradle and yoke, and said each clip having an extended portion bent away from the washer portion and toward its end being transversely curved to accommodate the surface of the adjacent yoke portion to hold a napkin thereto.

2,130,218
QUICK ACTING WRENCH OR OTHER CLAMPING DEVICE
Paolo Agudio, Turin, Italy
Application July 15, 1936, Serial No. 90,643
In Italy July 15, 1935
4 Claims. (Cl. 81—155)

1. An adjustable wrench, vise or other clamping device of the character described, compris-

ing the combination, with a fixed jaw and a longitudinally displaceable jaw, one of said jaws being provided with an internal high-pitched thread, of a threaded spindle engaging said internal thread, a friction locking member in the other jaw for locking said spindle in any angular position, a low pitched screw rotatable in



said other jaw independently of said spindle and controlling said locking member, a handle positively connected for rotation with said low-pitched screw, and for longitudinal displacement with the movable jaw, and thrust bearing means disposed between said spindle and one of the jaws for permitting longitudinal displacement of the movable jaw in opposite directions.

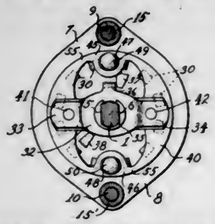
2,130,219

INDEX MECHANISM

Kenneth C. Allison, Arlington Heights, and Edward J. Mastney, Berwyn, Ill., assignors to Oak Manufacturing Company, Chicago, Ill., a corporation of Illinois

Original application December 9, 1935, Serial No. 53,486. Divided and this application April 2, 1937, Serial No. 134,650

13 Claims. (Cl. 74—527)



1. An indexing mechanism for switches, comprising a front plate, a shaft rotatively mounted in said plate, a plurality of index indentations in said plate circularly disposed with respect to said shaft, a spring of a generally annular shape disposed in proximity to said front plate and around said shaft, said spring having a plurality of non-circular apertures at spaced points registering with said index indentations on said front plate, a ballbearing disposed in each of said apertures and maintained in a two-point contact at said spring and pressed against said front plate, a member rotatively locked to said shaft and having a plurality of arms extending along spaced points of said spring and pressing said spring to force said ball bearings against said front plate, and means for rotatively coupling said arms to said spring.

2,130,220

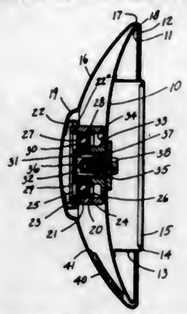
NONROTATABLE HUB CAP

George D. Ball and Charles L. Tumulty, Alexandria, Ind.

Application October 8, 1937, Serial No. 167,944

9 Claims. (Cl. 40—129)

1. A non-rotatable hub cap structure including in combination a main hub cap forming base with an interior hub anchorable sleeve and rotatable with a supporting wheel hub, an ornamental cover plate co-extensive with and substantially masking the base, a spindle secured to the base, and means rotatably supported by the spindle and secured to the cover plate where-



by the latter remains stationary while the spindle is rotated by the wheel hub.

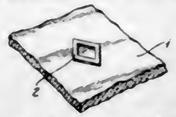
2,130,221

DECORATING AND DECORATED LEATHER

William H. Barrett, Brooklyn, N. Y., assignor, by mesne assignments, to Leather Designs Incorporated, Boston, Mass., a corporation of Massachusetts

Application May 28, 1934, Serial No. 727,889

19 Claims. (Cl. 41—24)



1. The steps in embossing leather and leather-like materials, which consists in embossing the material with a negative or reverse of the desired design by a material-compacting operation, and then removing some of the surface thus produced.

9. Grain-leather having portions of its grain surface removed to form a design, the surface of said design being below that of the remaining grain surface.

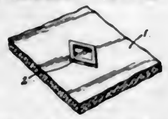
2,130,222

DECORATING LEATHER

William H. Barrett, Brooklyn, N. Y., assignor to Leather Designs Incorporated, Boston, Mass., a corporation of Massachusetts

Application April 9, 1935, Serial No. 15,404

14 Claims. (Cl. 41—24)



10. A process of ornamenting grain-leather comprising the steps of embossing a design on grain-leather, removing the grain surface from the high spots of the design, obliterating the embossing and dyeing the leather.

2,130,223

FOUNTAIN BRUSH

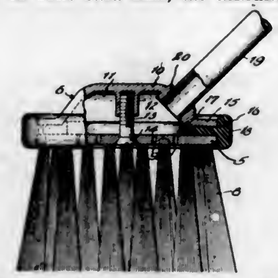
Arthur Willard Beaurline, Chicago, Ill.

Application December 31, 1936, Serial No. 118,500

6 Claims. (Cl. 15—128)

1. A fountain brush comprising an apertured plate, bristles secured to said plate and extending from the outer surface thereof, a top member having a dome-shaped central portion and an annular rim disposed in opposition to the marginal portion of said plate, a gasket interposed

between said annular rim and the marginal portion of said plate, said gasket provided with a channel to seat said rim, an annular buffer on



said gasket and disposed to be engaged with peripheral portions of said plate and rim, and means for urging said plate and top member towards each other.

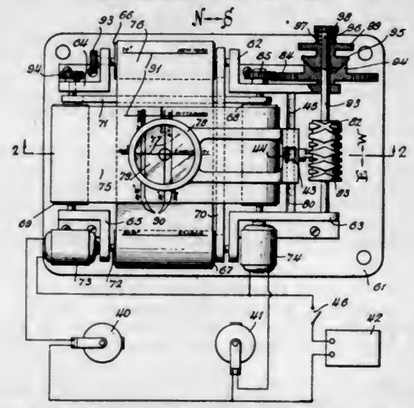
2,130,224

NAVIGATIONAL INSTRUMENT

Johann Maria Boykow, deceased, late of Berlin-Lichterfelde, Germany, by Bianca Boykow, Erika Boykow, and Johann Maria Boykow, Bad Wiessee, Bavaria, Germany, sole heirs, assignors to Deutsche Luftfahrt-und Handels-Aktiengesellschaft, Berlin, Germany, a corporation of Germany

Application January 22, 1938, Serial No. 186.361

20 Claims. (Cl. 40—42)



1. An instrument for use in the navigation of crafts, comprising two relatively movable indication-bearing members arranged adjacent to each other in such manner that by a relative movement of said members different indications of one member will be brought into registry with indications of the other member at a predetermined marking point, and driving means for effecting relative movement of said members at a rate corresponding to the respective components of the craft's speed in two directions at an angle to each other.

2,130,225

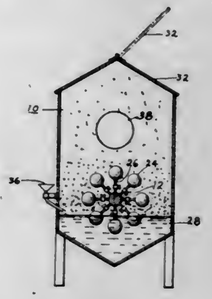
PROCESS OF AND APPARATUS FOR APPLYING NITROCELLULOSE COATING

Elvin M. Bright, Dayton, Ohio

Application July 23, 1936, Serial No. 92,156

16 Claims. (Cl. 91—68)

1. The method of curing a nitrocellulose coating applied by dipping an article in a nitrocellulose solution including the steps of rotating the article through a circular path divided into three zones, the bottom zone containing a solution having an attraction for the solvent used in dissolving the nitrocellulose material, said nitrocellulose material being practically insoluble in said solution, the zone above the solution having a medium



saturated with the fumes of the solvent and an air zone above the fume zone, the article being moved by cyclic rotation through the solution having an attraction for the solvent; into the fume zone; and then into the air zone so as to periodically subject the coating on the article to the effects of the fluids of the several zones.

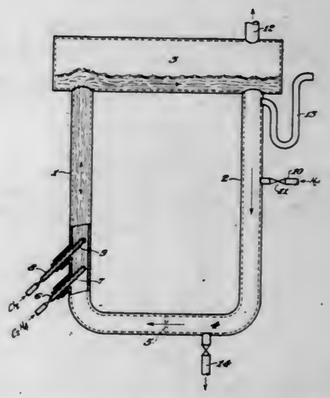
2,130,226

MANUFACTURE OF OLEFINE CHLOROHYDRINS

Edgar C. Britton, Howard S. Nutting, and Myron E. Huscher, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

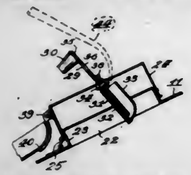
Application July 27, 1936, Serial No. 92,768

11 Claims. (Cl. 260—634)



1. In a method of making olefine halohydrins and dihalo-alkyl ethers, the steps which consist in introducing a halogen and a gaseous olefine separately and in approximately equimolecular proportions near the bottom of a vertical column of water, dispersing the halogen and olefine in the water, permitting liquid displaced by the gases to overflow from the top of the column and returning the same to the bottom of the column, the circulation of liquid being caused by the gases displacing liquid from said vertical column.

2,130,227
ORCHARD HEATER
Ralph R. Bruner and Lee Roy Redden, Loma Linda, Calif.
Application June 1, 1935, Serial No. 24,512
7 Claims. (Cl. 158—91)

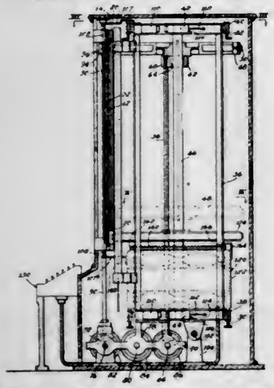


1. In a draft regulating device for an orchard heater, the combination with an air conduit, damper means pivotally mounted in said conduit and normally biased to restrict air flow therethrough, said damper means including an open mouth combustible fluid container and being operable when filled with fluid to bias said damper means toward open position.

2,130,228
PRODUCT FOR IMPROVING THE QUALITY OF CAST IRON AND FOR THE MANUFACTURE OF FERROMANGANESE
Henry R. Clarke, Chattanooga, Tenn.
No Drawing. Application March 16, 1936, Serial No. 69,164
5 Claims. (Cl. 75—3)

2. A material for adding to a blast furnace or cupola burden to improve the quality of the iron or to produce metallic manganese or ferro-manganese comprising manganese ore containing manganese principally in the form of manganese dioxide and hydrogenous carbonaceous material in an amount sufficient to reduce the manganese to a metallic state, and a binding agent, in the form of briquettes, said carbonaceous material having the property of being wet by, or of clinging to, molten slags or ores containing manganese.

2,130,229
PRINTING MECHANISM
James A. Close, Du Bois, and Sidney R. Collins, Clearfield, Pa.
Application May 15, 1936, Serial No. 79,904
14 Claims. (Cl. 197—12)



6. A printing apparatus comprising a shaft, a printing-wheel carried by the shaft, a plurality of printing insignia carried by the wheel, means controlling the position of the wheel on the shaft, rotor magnets carried by the shaft, stator magnets mounted in a ring around the rotor magnets, and a keyboard connected to the magnets and adapted to control the supply of electric current to any selected set of magnets upon operation of any key to move a selected insigne to printing station.

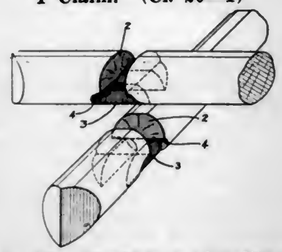
2,130,230
MECHANICALLY OPERATED MAGAZINE PENCIL
George G. Cohen, Seattle, Wash.
Application December 21, 1936, Serial No. 116,938
23 Claims. (Cl. 120—18)



1. In a mechanical pencil, a tubular housing; a slotted tube extending longitudinally of said housing; a magazine for pieces of lead connected with said housing and adapted to deliver pieces of lead into the upper end portion of said slotted tube; and lead blocking means movable into said slotted tube between said magazine and a piece of lead within said tube.

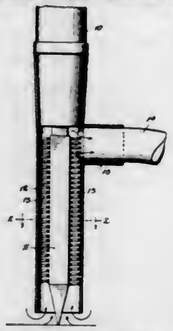
13. In a mechanical pencil, a lead gripping member movable over a piece of lead to frictionally grip the same; and a hook member resiliently connected with said lead gripping member positioned to engage with the end of a piece of lead held within said lead gripping member.

2,130,231
LOG CABIN STRUCTURE
Ernest A. Forciea, Minneapolis, Minn.
Application May 9, 1935, Serial No. 20,622
1 Claim. (Cl. 20—1)



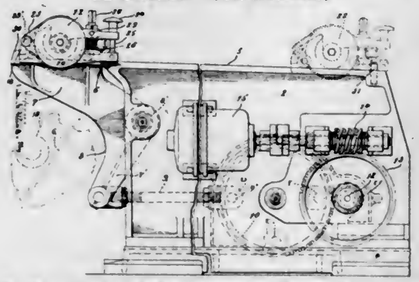
In a log cabin structure, a plurality of logs of circular cross-section arranged one upon another to form the walls of the structure, all of said logs being identically notched and recessed at the corners of the structure, whereby said logs may be interlockingly engaged with one another, thereby to retain them in operative positions, each log at the corner of the structure having a transverse slot in the upper face thereof whose bottom terminates at the center of the log, and a longitudinal tongue in the bottom surface thereof whose upper edge constitutes the bottom of said slot, said tongue being adapted to be received in the transverse slot of a sublying log, said grooves and tongues being symmetrically disposed with respect to the longitudinal center lines of their respective logs.

2,130,232
DUST-COLLECTING ATTACHMENT
Russell Edward Goodenough, Northfield, Vt., assignor to Cross Brothers Company, Incorporated, Northfield, Vt., a corporation of Vermont
Application May 28, 1937, Serial No. 145,203
2 Claims. (Cl. 255—50)



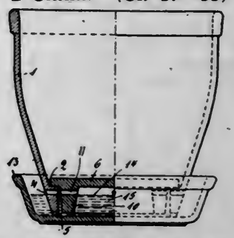
1. A dust collecting attachment for pneumatic tools, comprising a tubular member of soft rubber adapted to be positioned over the lower end of the body portion of a pneumatic tool and firmly grip the same with an airtight joint, the lower portion of said tubular member enclosing the chisel or cutting tool which is connected to the body of the tubular member, a nipple on the tubular member adapted to be connected to a flexible suction hose, and springs located in the tubular member and between the sides of the chisel and the wall of the tubular member preventing collapse of the tubular member by a hand gripping the same, said springs constituting coil springs having flattened inner faces engaging the chisel and rounded outer portions engaging the inner face of the tubular member.

2,130,233
ROLL LIFT STAND
Henry B. Greenwood, Glenarm, Md., assignor to F. X. Hooper Company, Inc., Glenarm, Md., a corporation of Maryland
Application July 6, 1935, Serial No. 30,072
11 Claims. (Cl. 242—58)



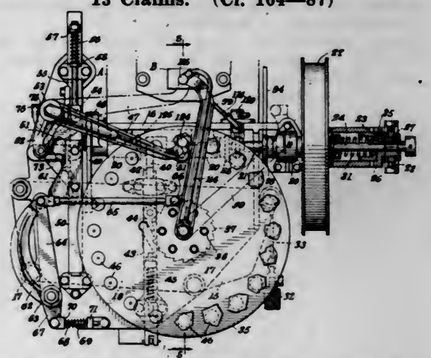
2. A roll stand for paper rolls and their roll shafts comprising in combination a pair of raised parallel runways, removable shaft carriers operable on said runways, there being a pair of carriers adapted to receive the respective ends of each roll shaft, means for raising a roll and its supporting shaft on and with said carriers, bringing said carriers into running relation with said runways, and removable means on one carrier of each pair of carriers running therewith on the ways for controlling rotation of the roll shaft.

2,130,234
FLOWERPOT
Gustaf Haglund, Storangen, at Stockholm, Sweden
Application February 27, 1937, Serial No. 128,055
In Sweden March 5, 1936
1 Claim. (Cl. 47—38)



The combination of a flower-pot having an internal shoulder arranged at some distance from the lower edge of the side walls of the pot, a loose bottom of porous material adapted to rest on said shoulder and to support the earth in the pot, and a saucer adapted to receive said flower-pot, the space between said bottom when put in place, the side walls of the pot and the bottom of the saucer being adapted to serve as a water chamber or reservoir for the plant to be cultivated in the pot, said loose bottom being on its under side provided with an annular flange extending downwards into the lower part of said space and adapted to conduct water by capillary action from said chamber to the earth supported by said bottom, said side walls of the water chamber being provided, at their lower edge, with a set of openings adapted to serve for equalization of the level of water in said saucer inside and outside said side walls and, at some distance from said lower edge, with a set of openings adapted to serve as vents for ventilation of air under the earth-supporting bottom above the water level in said water chamber.

2,130,235
FEEDING MECHANISM
Moses D. Heyman, Hewlett, N. Y., assignor of one-half to Irene K. Heyman, Hewlett, N. Y.
Application June 20, 1936, Serial No. 86,275
13 Claims. (Cl. 164—87)



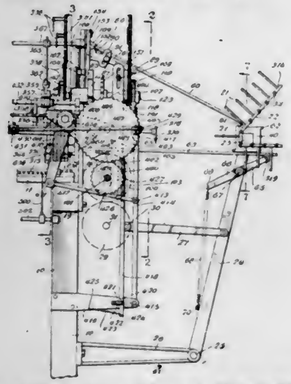
1. In combination, a punch press, and means

for feeding stock to said press, said means including an intermittently moving member having a plurality of circumferentially arranged stations, for receiving irregularly shaped pieces of stock of greater contour than the contour of the part to be formed therefrom a likeness of the part formed from said stock by said press at each of said stations for guiding the manual positioning of said stock on said member, and means for transferring said stock from said member to said press.

2,130,236
KNITTING MACHINE

Abraham Holtz, New York, N. Y., assignor to Sadinoff & Wendroff, Inc., New York, N. Y., a corporation of New York

Application June 28, 1935, Serial No. 28,797
28 Claims. (Cl. 66—85)

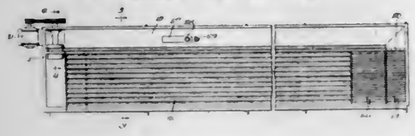


1. In a knitting machine, a short filler inlay mechanism, means for operating said short filler inlay mechanism, and a long filler inlay mechanism comprising a holder for a plurality of long filler yarns, a selector for the long filler inlay yarn, means to hold said selector away from said long inlay filler yarns when not in use, means to move said selector toward said long filler yarns, means to cause said selector to select one of said long filler yarns, a traversing mechanism to cause said selector to traverse the width of the knitting needle bank, and means to hold the long inlay in position during the subsequent knitting operation.

2,130,237
METHOD OF DEFROSTING MEAT

George A. Hormel, Los Angeles, Calif., assignor to Geo. A. Hormel & Company, Austin, Minn., a corporation of Delaware

Original application May 19, 1937, Serial No. 143,423. Divided and this application July 1, 1938, Serial No. 216,871
4 Claims. (Cl. 99—194)





1. A method of defrosting meat which comprises immersing the pieces of meat in a body of hot water at a charging station, propelling the water to cause it to flow as a stream through and among the pieces of meat and move them progressively, directing the course of the water and meat to a discharge point while retarding the progress of the meat relative to that of the water, reheating the water after it has passed the discharge point and then propelling it again among the pieces of meat, and removing the pieces of meat from the water at the discharge point.

2,130,238
CELLULOSE DERIVATIVE COATING COMPOSITION

Chad H. Humphries, Chicago, Ill., assignor to Sealkote Corporation, Chicago, Ill., a corporation of Delaware

No Drawing. Application December 7, 1935, Serial No. 53,433
2 Claims. (Cl. 134—79)

1. A reaction product of from 5 to 15 parts by weight of a glycerine-phthalic acid synthetic resin having a softening point of from 60° C. to 95° C., an acid number between 50 and 90 and sufficient parts by weight of cellulose acetate to bring the combined parts by weight of the resin and the cellulose acetate to twenty, about 3 parts by weight of plasticizers and about 73 parts by weight of solvents.

2,130,239
PHONOGRAPH RECORD

James H. Hunter, Lansdowne, Pa., assignor to Radio Corporation of America, a corporation of Delaware

No Drawing. Application February 27, 1937, Serial No. 128,075
8 Claims. (Cl. 106—1.5)

8. A phonograph record as claimed in claim 3 characterized in that said record includes also a substantial quantity of filler, the filler content being in excess of the combined content of shellac and oxidized abietic acid.

2,130,240
PROCESS OF PRODUCING MAGNESIA AND NITROGENOUS FERTILIZERS FROM DOLOMITE

Otto Kippe, Osnabruck, Germany, assignor to Klöckner-Werke A.-G., Castrop-Rauxel, Germany

No Drawing. Application September 21, 1934, Serial No. 744,962. In Germany October 2, 1933
2 Claims. (Cl. 71—60)

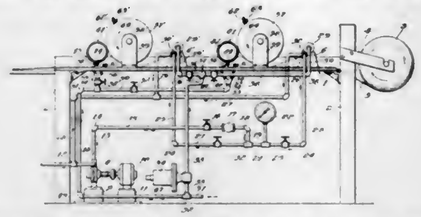
1. A process of producing magnesia and nitroggenous fertilizers from dolomite, which consists in dissolving the dolomite in nitric acid, quantitatively precipitating the magnesium compound as magnesium hydroxide from the solution thus formed by adding an excess of ammonia, separating the precipitate, converting the precipitate into magnesia, and employing carbonic acid developed from dissolving dolomite in nitric acid to convert the filtrate into fertilizers.

2,130,241
METHOD FOR COATING PAPER

James D. MacLaurin, East Orange, N. J., assignor to Seaman Paper Company, Chicago, Ill., a corporation of Illinois

Application June 18, 1934, Serial No. 731,028
1 Claim. (Cl. 91—68)

A method of coating paper for printing purposes which comprises, distributing a predetermined quantity of coating material upon a continuously passing paper web in the form of a mobile film, and subjecting said film while the same is still in mobile condition to impact by a sheet or fluid directed under relatively high velocity at an angle to the surface of the web to



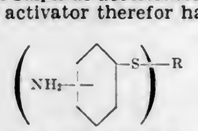
smooth and compact said coating material upon said web while said web is traveling in a substantially horizontal plane, said method being characterized in that substantially all of the coating originally distributed upon the web is maintained thereon.

2,130,242
VULCANIZATION OF RUBBER

William E. Messer, Cheshire, Conn., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application February 16, 1935, Serial No. 6,807
2 Claims. (Cl. 18—53)

1. A process of producing vulcanized rubber goods which comprises accelerating the vulcanization of a vulcanizable rubber stock with an arylene thiazyl sulphide accelerator and an added amount of an activator therefor having the general formula

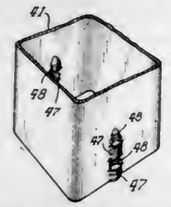


where R is H or the grouping within the parenthesis the proportion of activator being greater than the proportion of the sulphide accelerator.

2,130,243
RADIO RECEIVING SET

Donald H. Mitchell, Chicago, Ill., assignor to Galvin Manufacturing Corporation, Chicago, Ill., a corporation of Illinois

Application August 12, 1935, Serial No. 35,704
1 Claim. (Cl. 250—16)

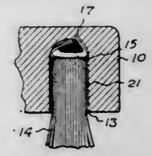


A walled metal shielding can open at the bottom for housing electrical apparatus on a radio receiver metal chassis with said can adapted for rigidly mounting on said receiver chassis in positive electrical and mechanical engagement therewith, said can having a screw-receiving hole in each of at least two different walls thereof extending upwardly from the open bottom and each hole formed by structure in each of said walls comprising a plurality of screw-engaging portions superimposed above one another in the respective can wall therefor and integral with the respective can wall, with said engaging portions in each respective can wall including one engaging portion extending in one direction away from and out of the plane of that wall and the next superimposed engaging portion extending in the other direction away from and out of the plane of that wall, with said engaging portions in each of said respective can walls each having screw threads on the inside face thereof to receive a screw for mounting said shielding can on a radio receiver chassis.

2,130,244
METHOD OF MAKING A TOOTH BRUSH

Torazo Nishio, Jamaica, N. Y.

Application March 18, 1936, Serial No. 69,444
2 Claims. (Cl. 300—21)

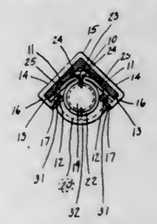


1. A method of planting bunches of bristles in bores formed in the head of a bamboo tooth brush, which comprises mounting the bunches of bristles upon retaining clips, forcing the clips into the bores while the side edges of the clips form diametrically opposed grooves in the walls of the bores, and displacing and distorting the clips out of the plane of the grooves at the extremities of the bores so that the said edges are moved from alignment with said grooves to prevent withdrawal of the side edges of the clips through said grooves.

2,130,245
DRIVE-ON SOCKET FOR CASTERS OR THE LIKE

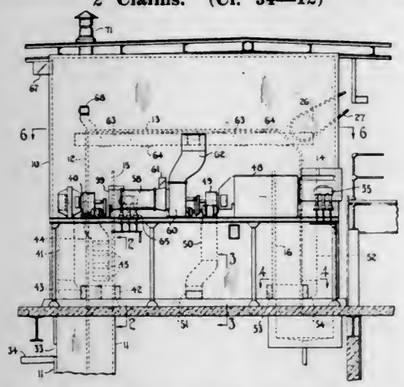
William H. Noelting, Evansville, Ind., assignor to Faultless Caster Corporation, Evansville, Ind., a corporation

Application August 7, 1937, Serial No. 157,898
13 Claims. (Cl. 16—43)



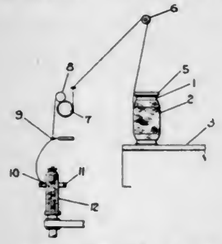
1. A drive-on socket for angle iron legs including in combination an exteriorly positioned angular member with inturned ends lying in spaced relation to the inner walls of an included angle iron leg, a stem receiving tubular socket having an outwardly directed flange means defining the lower open end thereof, and a wedging and clamping clip including a socket embracing portion for socket clamping and reversely directed wings for wedging insertion between the inturned ends of the angular member and the inner walls of the angle iron legs for locking said member, clip and socket together upon the leg.

2,130,246
DRYING APPARATUS
Laurence E. Olcott, Akron, Cleveland C. Soper, Kent, Karl W. Gasche, Stow, and William T. Runals, Akron, Ohio, assignors, by mesne assignments, to The Firestone Steel Products Company, Akron, Ohio, a corporation of Ohio
Application April 15, 1932, Serial No. 605,484
2 Claims. (Cl. 34—12)



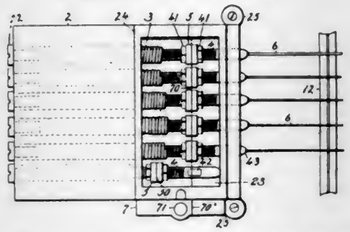
1. In drying apparatus the combination of an oven comprising a pre-heating compartment, a humidifying compartment and a drying compartment, an endless conveyor traversing said compartments, a humidifier, means for recirculating air through the humidifier and through the humidifying compartment, a heater, means for recirculating dry air through the heater and through the drying compartment, and respective gas burners so connected to the humidifier and to the heater as to inject the products of combustion of said gas burners into the air streams passing through said humidifier and heater.

2,130,247
ARTIFICIAL THREAD AND METHOD OF MAKING SAME
Harold Henry Parker and George P. Standley, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application May 27, 1936, Serial No. 82,030
12 Claims. (Cl. 117—21)



1. In the processing of wet-spun artificial thread, having a denier of at least 200, collected and washed in cake form, the steps comprising conditioning said cake of thread to impart a differential moisture content thereto, said differential moisture content being of such a character that the moisture content of the layers of thread which will first be removed from said cake is lower than that of the remaining thread layers, and drying and twisting said thread from said conditioned cake on a down-twister whereby to obtain a twisted thread containing less than 25% moisture.

2,130,248
TUNER FOR STRING INSTRUMENTS
George A. Peate, Montreal, Quebec, Canada, assignor of one-third to Edmund H. Brietzcke, Westmount, Quebec, Canada
Application January 2, 1937, Serial No. 118,866
5 Claims. (Cl. 84—297)



1. In a tuning device for stringed musical instruments, a tail piece secured to the instrument, a fixed transverse marking line on the instrument, a series of tension coil springs secured to the tail piece at one end, rods secured to the springs at the other end, strings secured to the rods, a portion of the rods screw threaded, bored markers on the rods free of the threading, and nuts meshing with the rods on each side of the markers.

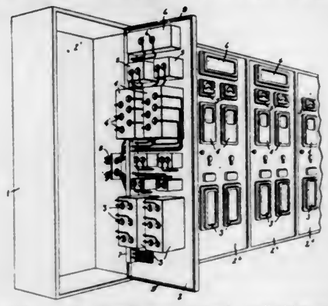
2,130,249
METHOD OF FILTERING SEWAGE AND THE LIKE
William Raisch, Forest Hills, N. Y., assignor to Municipal Sanitary Service Corporation, New York, N. Y., a corporation of New York
No Drawing. Application October 6, 1933, Serial No. 692,435
12 Claims. (Cl. 210—62)

9. The method of separating the solids from a solid-bearing liquid which comprises producing a paper pulp from waste paper, removing from the pulp substantially all the powder-like non-fibre-like solids and powder-like fibres which are too short for matting together without the presence of longer fibres, adding the pulp freed of said short fibres and non-fibre-like solids to the solid-bearing liquid, and filtering the solid-bearing liquid to which the pulp has been added.

2,130,250
ELECTRIC SWITCH GEAR
George M. Reed, Yeadon, Pa., assignor to General Electric Company, a corporation of New York
Application August 1, 1936, Serial No. 93,845
2 Claims. (Cl. 175—298)

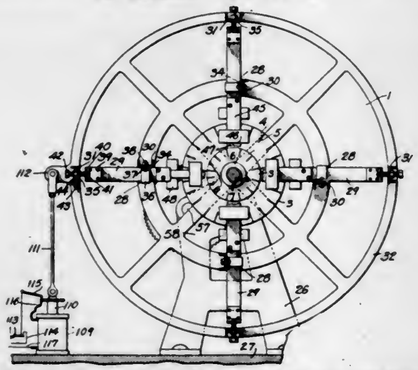
1. An electric switchboard of the hinged panel type comprising a fixed supporting structure, a plurality of vertically positioned panel sections mounted on said structure and normally in generally plane alinement to form a switchboard, said panels having electrical devices including instruments and meters mounted in apertures in said panels, said instruments and meters having the faces thereof visible on one side of said switchboard and the terminals and circuit wiring therefor being at the opposite or rear side thereof, the faces of said instruments and meters approximating a flush mounted relationship with respect to the front of said switchboard, and

means for hinging said panel sections for individual rotation away from the rear side of said switchboard, said individual panel sections corresponding in width to the necessary instrument and meter space and being closely spaced by



reason of said flush-mounted relationship for minimum switchboard width with reference to the adjacent panel sections so that there is no appreciable interference between said meters and instruments when any one of said panel sections is opened.

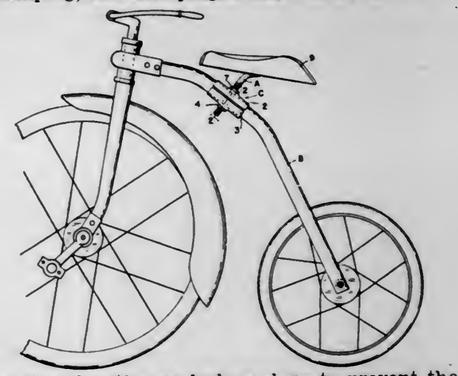
2,130,251
MUSICAL INSTRUMENT
John C. Norman Richards, Lincoln, Nebr.
Application January 23, 1936, Serial No. 60,489
15 Claims. (Cl. 84—1)



1. In an apparatus for synthetically producing a musical note, an electrical circuit, a relatively stationary profiled member having differentially projecting point-like portions definitely related to the tone characterizations and harmonics in the wave form of a natural musical note, and movable means cooperating with the profiled member for establishing a periodically varying magnetic flux in the zone of said profile for inducing a fluctuating electrical potential in said circuit corresponding in character to the wave characteristics of said natural musical note.

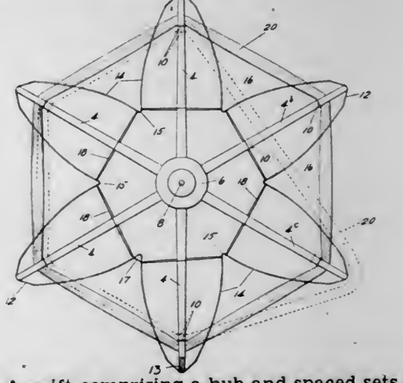
2,130,252
SEAT POST MOUNTING
Samuel A. Snell, Toledo, Ohio, assignor to The American-National Company, Toledo, Ohio, a corporation of Ohio
Application December 27, 1937, Serial No. 181,912
4 Claims. (Cl. 287—54)

1. Means for mounting a seat post upon a backbone of a velocipede, comprising a pair of complementary stampings for gripping engagement with said backbone, a bushing carried by one of said stampings and interiorly threaded for engagement with said seat post, and a nut adjustable on the seat post adjacent the other stamping, said stampings being cambered where-



by they function as lock washers to prevent the parts from working loose after the nut aforesaid has been drawn upon the post against the adjacent stamping.

2,130,253
SWIFT GUARD
Gerald Samuel Tompkins, Lewistown, Pa., assignor to American Viscose Corporation, Marcus Hook, Pa., a corporation of Delaware
Application May 29, 1937, Serial No. 145,625
6 Claims. (Cl. 242—77)

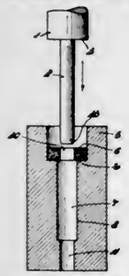


6. A swift comprising a hub and spaced sets of divergent spokes, yarn supports extending between opposite pairs of said spokes, a guard for each set engaging the outer ends of adjacent divergent spokes and extending inward therebetween, and means connecting the adjacent inwardly extending portions.

2,130,254
METHOD OF MOLDING TUBULAR MEMBERS
Jean Visman, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands
Application July 2, 1935, Serial No. 29,571
In Germany July 30, 1934
2 Claims. (Cl. 18—55)

1. A method of molding an elongated tubular member having a bore of small cross-section from a flowable molding material capable of being hardened, comprising the steps of laterally supporting a mandrel at each end of a cavity of a

mold in a manner to leave one end thereof axially-unsupported, and pressing the material into the space between the mandrel and the walls of the cavity from only the end of the cavity opposite the axially-unsupported end of the mandrel



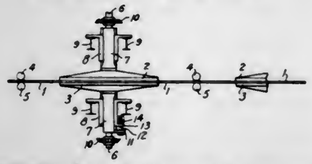
to cause the material to flow along the mandrel in only a single direction toward the axially-unsupported end thereof while slowly moving the mandrel in the direction in which said material flows during the pressing.

2,130,255

APPARATUS FOR GRINDING AND POLISHING STRIPS OF GLASS

Frederic Barnes Waldron, Prescot, and James Harris Griffin, St. Helens, England, assignors to Pilkington Brothers Limited, Liverpool, England, a limited-liability company

Application February 9, 1938, Serial No. 189,536
In Great Britain March 9, 1937
4 Claims. (Cl. 51—112)



1. Apparatus for grinding and polishing a glass strip comprising a plurality of disc tools adapted to operate on one side of the strip, a second plurality of tools adapted to operate on the other side of the strip, each tool of one plurality facing a tool of the other plurality, means for adjusting the tools of the first plurality so that their operative surfaces lie in a plane, a plurality of pairs of rollers adapted to grip the strip and drive it between the tools, means for adjusting into a plane the position of the rollers on that side of the strip on which the plurality of tools is adjusted into a plane, the material of the rollers on the said side of the strip being a yielding material but substantially harder than the material of the rollers on the other side of the strip.

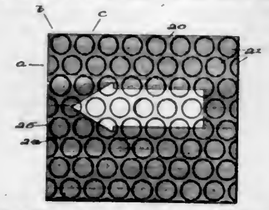
2,130,256

LIGHT REFLECTING DISPLAY DEVICE AND MANUFACTURED BLANK THEREFOR

George R. Wilson, Washington, D. C., assignor to Lumasyne, Inc., Washington, D. C., a corporation of Delaware

Application November 29, 1935, Serial No. 52,262
8 Claims. (Cl. 40—135)

1. A light reflecting display device comprising a stiff metal plate having a front face which is subject to direct exposure to illumination, said face having a bright reflecting surface and being provided with a multiplicity of individual light reflecting depressions in uniform closely spaced arrangement throughout the face, said face having certain light reflecting portions coated with a transparent composition adapted not to seriously interfere with the reflecting power of the bright surface of the depressions and which coating conforms to the contour of the depressions,



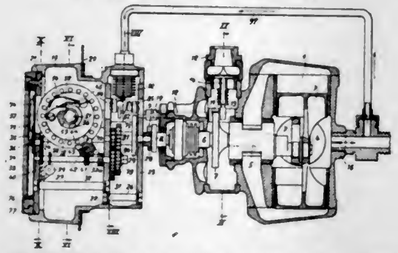
said face having other portions of the reflecting surface adjoining the transparent coated areas coated with another composition and which react differently to illumination than said reflecting portions.

2,130,257

COUNTING MECHANISM FOR USE IN A LIQUID DISPENSING APPARATUS

Hermann Wydler, Bern, Switzerland, assignor to the firm Sauser A.-G., Soleure, Switzerland, a joint-stock company of Switzerland

Application September 8, 1936, Serial No. 99,892
In Switzerland September 13, 1935
6 Claims. (Cl. 221—95)



1. In liquid dispensing apparatus, an axially movable shaft, a numeral drum rotatably mounted on said shaft adapted to be rotated when liquid is dispensed, means for preventing lateral movement of said drum, yieldable means for moving said shaft in one axial direction when the drum is in a given rotated position on said shaft, a valve for admitting dispensable liquid to the apparatus, means operably responsive to the axial movement of the shaft in said direction for opening said valve, and means associated with said shaft and the drum adapted to move the shaft axially in an opposite direction upon initial rotation of said drum whereby said third mentioned means is rendered inoperative until said drum is rotated to said given position.

2,130,258

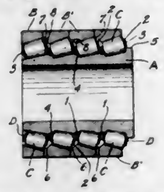
MULTIPLE-ROW TAPER ROLLER BEARING

John B. Baker and Harry R. Slusser, Canton, Ohio, assignors to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio

Application May 25, 1936, Serial No. 81,630
22 Claims. (Cl. 308—214)

1. A roller bearing including an inner bearing member having a series of similarly disposed conical raceways, a series of conical rollers for each of said raceways, a cage for each of said series of rollers, and a continuous annular outer raceway member for each of said series of rollers, the outside diameter of the small end of one

of said cages being smaller than the inside diameter of the large end of the next adjacent



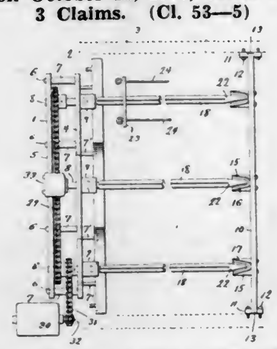
cage and said ends lying close to the same plane perpendicular to the axis of the bearing.

2,130,259

ROASTING SPIT

George Cleto Bonaguidi, Evanston, Ill.

Application October 12, 1937, Serial No. 168,662
3 Claims. (Cl. 53—5)



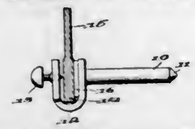
1. The combination with an oven, of a roasting spit comprising a rectangular frame removably secured to the rear wall of the oven on the outside thereof in horizontal position with one side thereof against said wall, a plurality of spindles rotatably mounted in said frame transversely thereof, said spindles being spaced apart longitudinally of said frame and having front ends extending into said oven, a bar removably mounted in the front part of the oven parallel with said frame and having a plurality of sockets on the rear face thereof opposed to said spindles, respectively, and provided with open tops, a plurality of bar-like skewers having rear ends detachably coupled to said spindles for rotation thereby and vertical hinging movement thereon and front ends fitting into said sockets for removal vertically through the open tops of the latter, and a motor drive for rotating said spindles in unison.

2,130,260

POSITION SIGNALING DEVICE

Dedrick H. Brandes, White Plains, N. Y.

Application April 29, 1936, Serial No. 77,034
7 Claims. (Cl. 116—67)



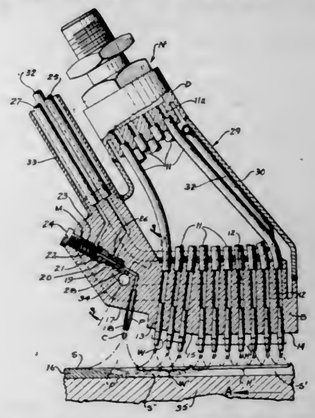
3. An automobile attachment adapted to produce a sonic signal in the fender of an automobile when the fender is about to strike a curb or other obstruction and comprising, a mounting adapted to be fixed to the automobile fender, and a metal feeler rigid with the mounting and supported thereby in such a manner as to project laterally outward beyond the side of the fender.

2,130,261

APPARATUS FOR WELDING

James H. Bucknam, Cranford, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Application May 29, 1934, Serial No. 728,133
11 Claims. (Cl. 113—59)



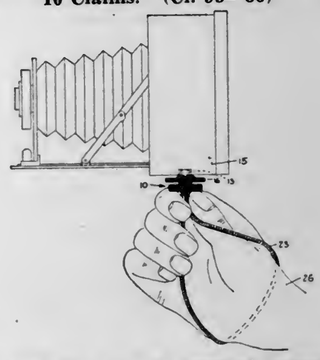
1. A nozzle adapted to apply heat to metal work comprising as a unit a nozzle block; preheating and welding tips secured to said block at substantially the same elevation with respect to said work; said preheating and welding tips being supplied from a common source of combustible gas; at least one protecting and normalizing tip in rear of said tips at a substantially different elevation with respect to the aforesaid tips and said work and at a divergent angle to at least some of said aforesaid tips; and an adjustable mixer operatively associated with the said nozzle block for supplying an independent supply of gas to the protecting and normalizing tip of less heating effect than that of said common source of combustible gas.

2,130,262

PORTABLE CAMERA SUPPORT

Moritz Burlin, New York, N. Y., assignor to Emby Photo and Film Machine Corp., New York, N. Y., a corporation of New York

Application April 6, 1938, Serial No. 200,452
10 Claims. (Cl. 95—86)



1. A portable camera support comprising a

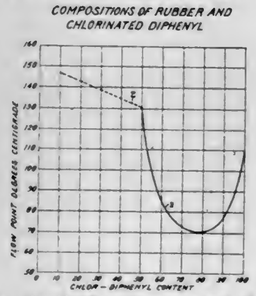
base, a handle, means swivelly connecting said handle to said base, and a threaded member, said base having threaded portions of different diameters, one of said portions for engagement with said camera and the other of said portions engaging said threaded member for lockingly securing said base to said camera.

2,130,263
COLLAR BUTTON WITH DETACHABLE HEAD
Hagbarth Sylvester Christophersen, Odense, Denmark
Application February 3, 1937, Serial No. 123,911
In Denmark February 8, 1936
1 Claim. (Cl. 24—104)



A collar stud comprising a base; a plate shaped shank projecting at right angle therefrom and having an elongated slot therein extending from a point adjacent its outer end towards the base; and a detachable head extending through said slot and consisting of a flattened metal capsule of somewhat larger size than the slot, a substantially V-shaped resilient clip having one leg secured at one end of the capsule and the other leg also confined in the capsule, but freely movable towards and away from the first named leg, whereby, when the clip is inserted into the said slot in a direction normal to the plane of the shank the head will be held firmly in the said slot due to the resiliency of the clip.

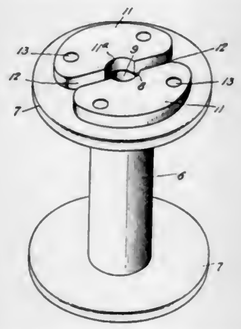
2,130,264
PLASTIC COMPOSITION OF RUBBER AND CHLORINATED DIPHENYL
Frank M. Clark, Pittsfield, Mass., and John H. Koenig, Columbus, Ohio, assignors to General Electric Company, a corporation of New York
Application October 19, 1937, Serial No. 169,796
4 Claims. (Cl. 106—13)



1. Fusible, plastic, homogeneous and tacky electrical insulation consisting of rubber and chlorinated diphenyl, the latter being present in an amount materially greater than 50 per cent and materially less than 100 per cent by weight, the chlorinated diphenyl containing at least about 60 per cent chlorine.

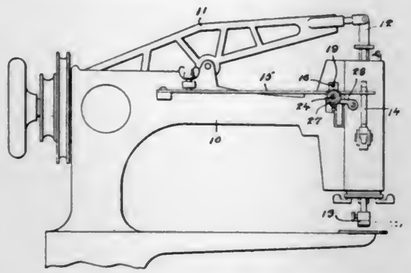
2,130,265
TWISTER SPOOL
Harry D. Clinton, Johnson City, N. Y.
Application June 21, 1937, Serial No. 149,494
2 Claims. (Cl. 242—118)

1. A twister spool, comprising a barrel having a longitudinal bore, a laterally extending disc head of hard-fibre material secured on the end of the barrel and having an opening therethrough to said bore, and a pair of segmental plate members on the outer face of the head oppositely disposed on opposite sides of the bore opening there-



through, said plate members being of the same material as the head and having a form and spacing therebetween providing an open-ended slot diametrically across the head without closing or constricting the said bore opening.

2,130,266
FOOT FEED ATTACHMENT FOR SEWING MACHINES
Hugh B. Conner and Arthur Olson, Osage, Iowa
Application June 28, 1937, Serial No. 150,876
3 Claims. (Cl. 112—239)

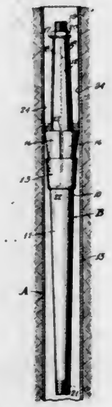


1. In a sewing machine, the combination with the presser foot actuating bar, of a member connected to the bar, a compensator block revolubly mounted on the member, said block having a long longitudinal median line and a short transverse median line, a grip connected to the block for manually turning the block to dispose the same with its long median line extending either vertically or horizontally, and a driven lever for actuating the presser foot engageable with the block in either of its adjusted positions.

2,130,267
PARAFFIN SCRAPER
Milam A. Cowen, Gladewater, Tex., assignor of one-fourth to Edward Rasnek, Kilgore, Tex.
Application October 20, 1937, Serial No. 170,111
2 Claims. (Cl. 166—18)

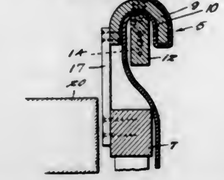
1. A device of the character described, comprising a stem having an upwardly tapered minor portion, a cup-shaped carrier located at the

tapered minor portion, and shiftable sector shaped blades about the said minor portion and



reversely tapered thereto for seating and unseating in and from the carrier.

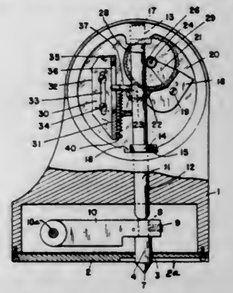
2,130,268
DROP-SIDE CRIB ATTACHMENT
Nicholas J. Craddock, Westerly, R. I.
Application May 4, 1937, Serial No. 140,740
3 Claims. (Cl. 5—320)



1. In combination, a crib equipped with upper and lower rail members, a longitudinally extending yoke secured to said lower member, a clamping element positioned under said yoke and coacting therewith and tensioning means for solely connecting said element to said upper member and normally urging said element toward said yoke said means expandable to permit said element to be positioned laterally of said yoke whereby to receive bed clothing therebetween for movement by said element into clamped condition into said yoke.

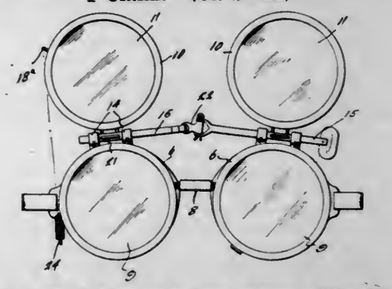
2,130,269
HARDNESS TESTING INSTRUMENT
Harry W. Dietert, Detroit, Mich.
Application August 10, 1936, Serial No. 95,303
4 Claims. (Cl. 265—12)

1. An instrument for measuring the skin hardness of articles, comprising a casing having a base for sliding engagement with the surface of an article to be tested, a predetermined loaded scratching element projecting through the base and operable when said base is slid over the article to scratch the surface thereof to be tested, and means at one side of the casing responsive



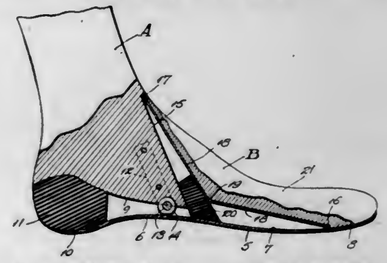
to the action of the scratching element for indicating the depth of scratch so made.

2,130,270
GOGGLES
Rosekein G. Dispenza, Ashtabula, Ohio
Application September 18, 1937, Serial No. 164,594
1 Claim. (Cl. 2—14)



In a pair of goggles, a lens frame, a hinge plate mounted on said lens frame, a hinge pin journaled in said hinge plate, a second lens frame and means operatively connecting the second-mentioned lens frame to said hinge pin including a hinge member having a U-shaped part the legs of which extends through transverse openings in said hinge pin, arcuate confronting end members fitting within the second-mentioned lens frame and straight parallel portions integrally connecting one end of said arcuate end members with the legs of said U-shaped member.

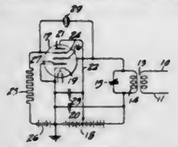
2,130,271
ARTIFICIAL FOOT
Ward Eastham, Argillite, Ky.
Application October 20, 1937, Serial No. 170,109
2 Claims. (Cl. 3—6)



1. An artificial foot comprising a sole plate having a hinged toe section, a leg member, means

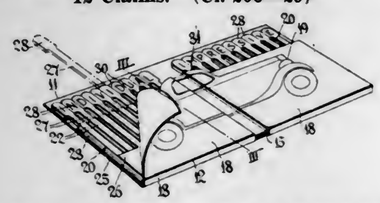
pivotally connecting said plate with the leg member rearwardly of the hinged toe section, a resilient cushion interposed between the leg member and said plate rearwardly of the pivotal means, a hinge having pivotal connections at opposite ends with the toe section and with said leg member, respectively, and a cushioning element wedged between the said hinge and the leg member forwardly of the said pivotal means, the said sole plate being provided with a seat for the resilient cushion.

2,130,272
PIEZOELECTRIC CRYSTAL OSCILLATOR
Warren A. Ford, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application March 31, 1938, Serial No. 200,191
7 Claims. (Cl. 250—36)



1. A vacuum tube oscillator comprising, in combination, an electron discharge device having an anode, a cathode, and a plurality of grids, a tunable frequency determining network connected between a first of said grids and said cathode, means included in said connection for impressing a positive potential on said first named grid, means for impressing a negative potential on a second of said grids, means for impressing a positive potential on said anode of a value less than that on said first named grid, and means for producing sustained oscillations in said tunable network, said last named means including means resonant at a predetermined frequency for supplying an alternating current potential of substantially said predetermined frequency from said first named grid to said second named grid.

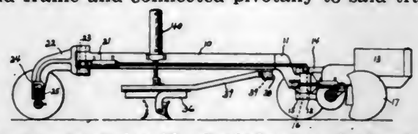
2,130,273
MATCH PACKET
Maurice Greenman, Buffalo, N. Y.
Application January 2, 1937, Serial No. 118,703
12 Claims. (Cl. 206—29)



1. A match packet comprising a cover of flexible sheet material, said cover having a line of folding extending across its body, a folded portion of the cover defining a flap disposed in opposed relation to the body of the material and providing therewith a plurality of match holding sections, means for holding individual matches in the sections, the cover material being folded along a line transversely of and intersecting the first line of folding to provide a book-like form.

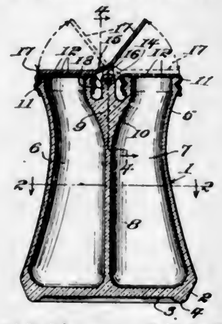
2,130,274
ROAD WORKING DEVICE
John F. Harrison and Hollis B. Crum, Marion, Ohio
Application October 18, 1937, Serial No. 169,531
10 Claims. (Cl. 280—33.5)

9. In a road working device, an elongated frame, traction means pivoted to one end of said frame and capable of pivoting about a vertical axis, a wheeled support pivoted to the other end of said frame and capable of pivoting about a vertical axis, link means generally parallel to said frame and connected pivotally to said trac-



tion means and said wheeled support at points laterally spaced from the pivot connections of said traction means and wheeled support respectively to said frame, said link means including a cylinder and piston whereby its length may be controlled by fluid pressure means.

2,130,275
CONDIMENT HOLDER
Lawrence Heebner, Reading, Pa.
Application June 14, 1937, Serial No. 148,214
1 Claim. (Cl. 65—45)

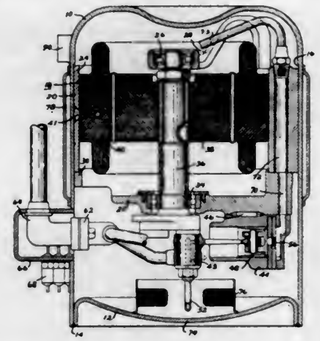


A condiment holder comprising a hollow body of substantially oval outline, and including an enlarged lower portion and a bottom, a supporting bead depending from the bottom, said body being curved inwardly from the lower portion for restricting the same between its ends, a partition dividing the body into equal compartments, a neck for each compartment and formed on and rising from the inwardly curved portion of the body at opposed outward inclinations with respect to each other, a perforated closure for each neck, said partition being enlarged at its upper end to provide a web forming the inner portions of the walls of the necks, a bearing lug rising from the web between the necks, valve means including a straight central portion, apertured ears depending from the opposite ends of the central portion and pivotally secured to the lug, and opposed flaps of equal diameter formed on the central portion and extending at an upward angle therefrom for alternately engaging the closures for controlling the perforations thereof accordingly.

2,130,276
REFRIGERATING APPARATUS
James R. Hornaday, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Original application October 31, 1934, Serial No. 750,850. Divided and this application March 19, 1937, Serial No. 131,915
3 Claims. (Cl. 230—58)

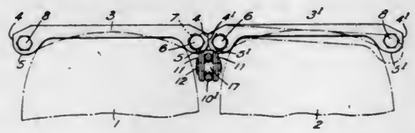
1. In a hermetically sealed motor-compressor unit, the combination of a cylindrical housing

having an end closure, a frame member removably secured to the interior of said housing and having an eccentric interior bore for receiving a motor stator, upper and lower bearings supported on said frame, a motor rotor intermediate said bearings and journaled therein, a reciprocating



compressor positioned below said motor and carried entirely by said frame, said compressor discharging compressed gas and entrained oil into a sound muffling passage in the thicker portion of said frame, said passage having a conduit terminating above and adjacent to said upper bearing for directing said entrained lubricant thereon.

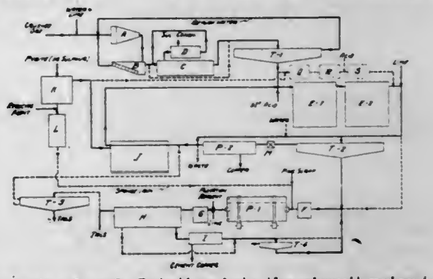
2,130,277
GIRDLE FOR TWIN-TIRED WHEELS
Donald Stuart Kennedy, Longparish, England
Application November 24, 1937, Serial No. 176,366
In Great Britain December 3, 1936
8 Claims. (Cl. 152—220)



1. In a non-skid girdle for a twin-tired road vehicle wheel, a shoe adapted to be set transversely of the tires and connected by chains with adjacent shoes, said shoe being formed in halves which abut near the central plane of the twin-tired wheel, said halves being pivotally mounted and coupled together to allow movement of either half towards the tire, the abutting halves of said shoe being provided with means carried by the facing ends of the shoe halves to prevent movement away from the tire of either half-shoe in relation to the other.

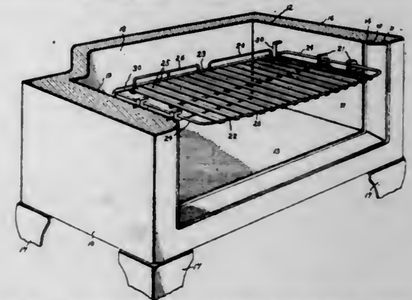
2,130,278
LEACHING-PRECIPITATION-FLOTATION PROCESS
Harmon E. Keyes, Miami, Ariz.
Application September 1, 1934, Serial No. 742,497
34 Claims. (Cl. 75—2)

1. A leaching-precipitation-flotation process for copper ores comprising grinding and classifying the ore, thickening the pulp subsequent to classification, leaching the thickened pulp, neutralizing free acid in the leached pulp, precipitating the copper in the pulp by metallic iron, then conditioning the pulp with a water-soluble alkaline precipitant, subjecting the conditioned pulp to flotation, and reintroducing the intermediary



products of such flotation into the circuit prior to precipitation.

2,130,279
SLIDING SHELF FOR REFRIGERATOR CABINETS
James L. Knight, Erie, Pa., assignor to General Electric Company, a corporation of New York
Application December 9, 1936, Serial No. 114,990
2 Claims. (Cl. 211—143)

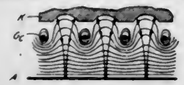


1. In a refrigerator cabinet having smooth interior rear and oppositely disposed side walls and a door opening in the front wall of said cabinet, a set of aligned shelf supporting brackets mounted on said side walls, said set of brackets including at least two brackets mounted on each of said side walls, each of said brackets having a guide slot formed therein, a shelf supported in said guide slots of said set of brackets, said shelf being slidable in said guide slots into and out of said cabinet through said door opening, said guide slots in said set of brackets providing abutments to prevent tilting of said shelf, and means including stop members pivotally mounted on opposite sides of said shelf for limiting the outward sliding movement of said shelf by engagement with said brackets.

2,130,280
ELECTRON DISCHARGE TUBE
Max Knoll, Berlin, Germany, assignor to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application April 6, 1934, Serial No. 719,287. Renewed July 3, 1937. In Germany April 12, 1933
12 Claims. (Cl. 250—27.5)

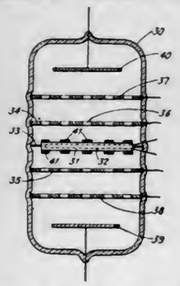
1. An electron discharge tube comprising a cathode, an anode, a grid electrode interposed between cathode and anode, and means for controlling the electrostatic field in the vicinity of the grid electrode whereby the electron flow

therethrough will not be impeded, said means comprising arcuate electron emitting surfaces



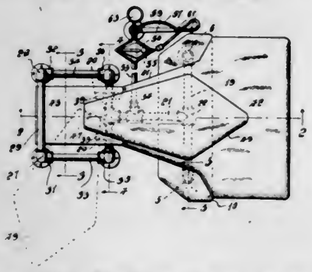
formed on the surface of the cathode, which arcuate surfaces are arranged in registry with the apertures of the grid electrode.

2,130,281
ELECTRON DISCHARGE TUBE
Max Knoll, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application July 11, 1935, Serial No. 30,830
In Germany February 2, 1934
10 Claims. (Cl. 250—27.5)



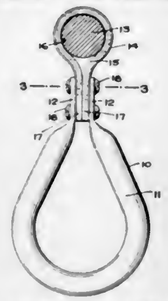
1. An electron discharge tube comprising a perforated control electrode having a plurality of apertures, a cold electrode on one side of said control electrode, and a thermionic cathode on the other side of said control electrode and having on its surface discrete electron emitting places no larger than the apertures in said control electrode and each in registry with one of said apertures.

2,130,282
SHIRT FINISHING TABLE
Charles Leaderach, Peekskill, N. Y.
Application January 8, 1937, Serial No. 119,690
2 Claims. (Cl. 38—135)



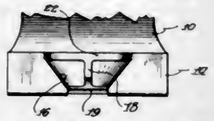
1. In a shirt finishing ironer, a supporting frame, a stationary yoke board carried by the upper end of the frame and of a size to be substantially inclosed by a shirt mounted thereon, a sleeve board having a horizontal hinge mounting on the upper end of the frame at one side of the yoke board to occupy positions overlying and adjacent the yoke board and laterally of the yoke board whereby the sleeves of a shirt may be folded over the sleeve board in crisscross position and a sleeve gusset board having a perpendicular pivotal mounting on the sleeve board to be movable therewith and movable independently thereof in a plane parallel with the sleeve board to be positioned laterally of the sleeve board.

2,130,283
HANDHOLD
Harry G. Lewis, Philadelphia, Pa., assignor to Electric Service Supplies Company, Philadelphia, Pa., a corporation of Pennsylvania
Application May 12, 1938, Serial No. 207,471
5 Claims. (Cl. 105—354)



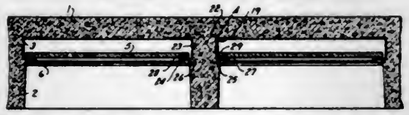
1. In a hand hold of the character described, in combination, a grip formed of tubular metal stock bent into looped form and provided with flattened parallel extremities, a metal strap having a central portion bent into circular form to embrace a supporting rod and parallel extensions adapted to be clamped between the aforesaid extensions of said grip, and a leather lining for said metal strap shaped in correspondence with and disposed interiorly of said metal strap.

2,130,284
CLOSURE FOR COLLAPSIBLE TUBES
Duane C. Maddux, Highland Park, Ill.
Application March 9, 1938, Serial No. 194,946
13 Claims. (Cl. 221—60)



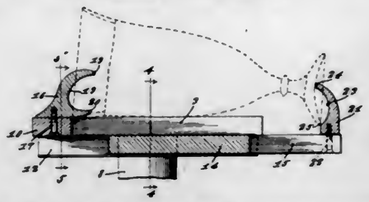
1. A dispensing closure for collapsible tubes comprising a U-shaped metal clip adapted to receive in its fold the flattened terminal wall portions of a tube, said clip having an opening adjacent the medial zone of said wall portions, and parts of the clip serving in said zone as clamps for the wall portions to normally keep them in closed contact.

2,130,285
CEILING STRUCTURE
Edward C. Marqua, Kansas City, Mo.
Application July 19, 1937, Serial No. 154,416
9 Claims. (Cl. 72—71)



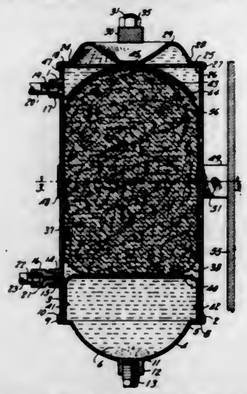
9. In a ceiling structure of the character described, a wall having joists, a form mounted in the wall and joists at the juncture thereof, and means on the form in vertically spaced relation to the wall and lower ends of the joists, said means extending laterally of the joists and being adapted for removably mounting sound absorbing material thereon.

2,130,286
ENGRAVING BLOCK ATTACHMENT FOR HOLDING HOLLOW WARE
Shelby S. Mullins, Charlotte, N. C.
Application July 12, 1937, Serial No. 153,291
3 Claims. (Cl. 81—4)



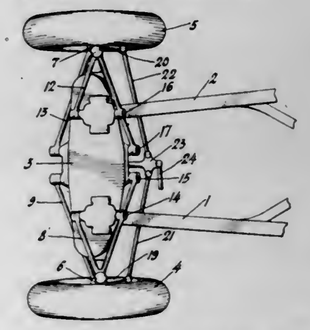
1. An engraver's block attachment comprising a base, spaced resilient bars extending longitudinally of the base and adapted to be clamped between the jaws of an engraver's block, a slide disposed between the bars, pressure of the jaws of engraver's block upon said resilient bars deforming the bars to clamp the slide at various adjusted positions longitudinally of the base, and work holding means on the base and on the slide.

2,130,325
FILTER
John Raymond Nooney, Kansas City, Mo., assignor to Economy Oil Filter Company, Kansas City, Mo., a corporation of Missouri
Application August 10, 1936, Serial No. 95,129
2 Claims. (Cl. 210—131)



1. A filter including a shell having an opening at one end through which a filter cartridge is inserted into the shell and having inlet and outlet ports respectively located adjacent the ends of the shell, means in the shell for supporting a filter cartridge in spaced relation with the inlet port, a closure for said opening having an annular shoulder portion engaging the end of the shell and having an upwardly extending annular boss of concavo-convex cross-section and encircling a central depressed portion to form an inner annular chamber in communication with the outlet port and an outer, annular, apical portion projecting above said annular shoulder portion, a concavo-convex cartridge retaining member engaging the upper end of the cartridge and having its apical portion engaged with the central depressed portion of the closure member to retain said cartridge below the outlet port and to cooperate with said annular chamber to provide free flow of liquid from the cartridge to said outlet port, a clamping bar engaging said apical portion on diametrical sides of said depressed portion, and means for securing the ends of the clamping bar to the shell to retain said closure.

2,130,288
AUTOMOBILE SUSPENSION SYSTEM
Maurice Olley, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application July 17, 1935, Serial No. 31,830
4 Claims. (Cl. 280—124)



1. In a vehicle having independent suspension, of a pair of road wheels at the front end of the vehicle, of which each road wheel is resiliently supported from the vehicle frame at the outer end of a laterally extending arm which is capable of pivotal swinging motion upwardly and downwardly in a plane transverse to the longitudinal axis of the vehicle, a pivot axis for the arm on the frame, inclined from the horizontal at an angle, downwardly and forwardly away from the vertical transverse plane of the center of gravity of the vehicle, whereby upon an upward deflection of the wheel relatively to the frame, an assumed fixed point on the wheel moves at an angle longitudinally of the vehicle in a direction forwardly and upwardly away from the vertical transverse plane of the center of gravity of the vehicle, and the spring deflections excited by braking forces are reduced.

2,130,289
AMUSEMENT DEVICE
Charles A. Phelps, Salem, Mass., assignor to Parker Brothers, Inc., Salem, Mass., a corporation of Maine
Application September 23, 1937, Serial No. 165,330
2 Claims. (Cl. 273—102.1)

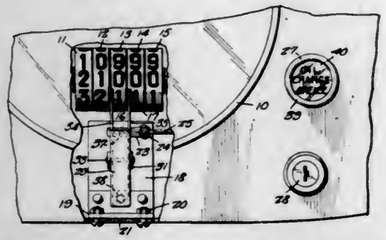
1. An amusement device comprising an upstanding wall having an opening therein, an inclined slide secured to the rear of said wall with its lower end extending beneath said opening, a plurality of individual targets disposed in a series along said slide, each of said targets comprising a base member and an upstanding part of smaller size than said opening, the length of said base member being slightly greater than that of said upstanding part so that when said targets are disposed in series said upstanding parts are spaced from each other, the angle of inclination of said slide being such as to permit gravity

to move said series downwardly, and a stop adjacent to the lower end of said slide and arranged to engage one end of the base member of the first target in said series so as to arrest downward movement of said series and hold the first target in said series in registry with said opening



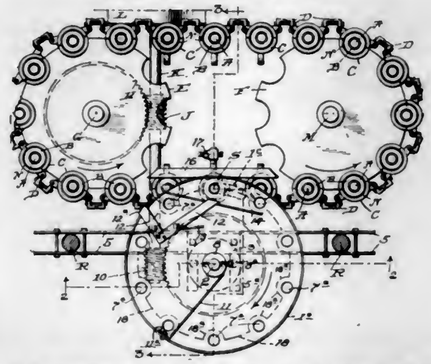
and with its peripheral edges spaced from the edges of said opening, said stop and slide being so constructed and arranged that when one target is knocked out of the series by a missile said series is advanced so that the next succeeding target in said series assumes the position of the one so knocked out.

2,130,290
CIRCUIT CLOSER
Sylvan J. Polta and Henry V. Holz, Sandusky, Ohio
Application August 17, 1936, Serial No. 96,504
1 Claim. (Cl. 200—56)



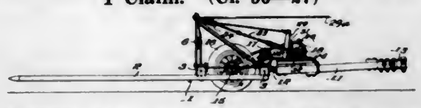
A circuit closer comprising a speedometer including a tens counting reel and a hundreds counting reel, the hundreds counting reel having a short slot equal in length to the length of one of the numerals on the reel, the tens counting reel having a long slot equal in length to the space occupied by a plurality of numbers thereon, a support, a circuit closing switch contact lever hinged intermediate its ends on said support and having integral parallel fingers of equal length terminating in rounded extremities, a spring confined under tension between said support and the end of the lever opposite the fingers and tending constantly to hold said rounded ends riding on the reels and urging the rounded ends on the bottom of respective ones of the slots when both slots advance simultaneously underneath the extremities of the fingers, said lever having a portion extending between the fingers and angularly disposed with respect to the lever to form a movable switch contact, and a fixed switch contact on said support engageable by said movable switch contact when said rounded extremities drop into said slots to close said signal circuit for a time period corresponding to the length of said long slot in the hundreds counting reel.

2,130,291
MECHANISM FOR FEEDING BLANKS
Lysle J. Pulse, Muscatine, Iowa, assignor to Hawkeye Pearl Button Company, Muscatine, Iowa, a corporation of Iowa
Application October 15, 1936, Serial No. 105,793
14 Claims. (Cl. 79—17)



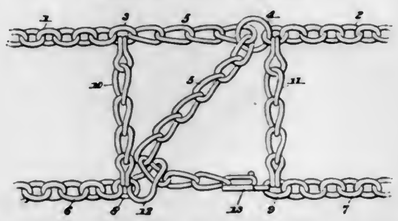
1. Mechanism for feeding blanks comprising a fixed member having a discharge opening constituting the feeding point; a second member movably mounted on the fixed member and supporting the blanks and having series of blank receiving holes therein adapted to register with the discharge opening; means overlying the second member for moving the second member; means for initially shifting the blanks on the second member towards the series of holes to fill the latter as same advance towards the feeding point; and means overlying the second member and interposed between the blank shifting means and the feeding point for clearing the second member of loose blanks adjacent the feeding point.

2,130,292
SWEEP RAKE
Thomas Harold Shelton, Eugene, Oreg.
Application March 15, 1937, Serial No. 131,071
1 Claim. (Cl. 56—27)



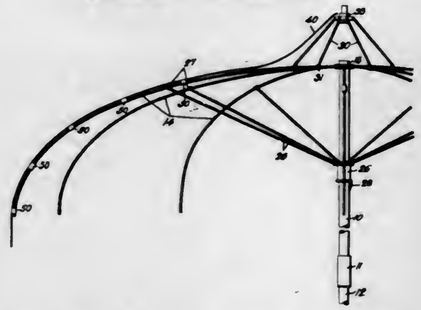
A sweep rake comprising a rake head including a plurality of spaced rake teeth and a vertically disposed railing arranged transversely of the teeth, wheels for supporting said rake head, a coupling frame hinged to the rake head and of substantially triangular shape, means for coupling the coupling frame to a tractor, a power shaft journaled on the rake head and connected to one of the wheels for rotation thereby, a crank shaft journaled on the coupling frame, means connecting the crank shaft to the rake head for raising and lowering the teeth thereof, and a clutch mechanism connecting the crank shaft to the power shaft and comprising a sprocket gear having ratchet teeth and rotatably mounted on said crank shaft, a disc fixed on said crank shaft, pawls pivoted on said disc for engagement with said ratchet teeth whereby to connect said sprocket gear to said disc for rotation with said crank shaft, and a control lever pivoted on said coupling frame and adapted to coact with said disc for moving said pawls into and out of engagement with said ratchet teeth whereby to secure said crank shaft in one of two positions for supporting the rake teeth in raking position or in load-carrying position.

2,130,293
SINGLE LOCK TIRE CHAIN
Mary Louise Bonforte, Salt Lake City, Utah
Application October 14, 1936, Serial No. 105,619
1 Claim. (Cl. 152—241)



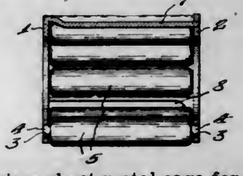
An anti-skid chain comprising a companion pair of longitudinal chains, respectively to fit circum-annularly inside and outside of a tire, cross chain strands including a pair, the individuals of which are secured at their ends to the matching ends of the longitudinal chains, thus defining four "corners", a link embodied in each of one diagonal pair of corners, a circular ring connected to the third corner, a key ring connected to the diagonally opposite and fourth corner, a single extension chain secured at one end at one of the pair of corners, being threaded through the circular and key rings to provide a diagonal chain strand and fastening means by which the other end of the chain extension is attached to the link on the other one of the pair of corners.

2,130,294
UMBRELLA
Paul G. Braunschweiger, Troy, Ohio, assignor to The Troy Sunshade Company, Troy, Ohio, a corporation of Ohio
Application September 17, 1936, Serial No. 101,199
6 Claims. (Cl. 135—20)



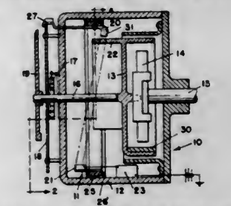
1. An umbrella comprising a central staff, cover supporting ribs having their ends directly connected adjacent an end of said staff and movable thereon from a collapsed to an extended position for support of a cover, and an auxiliary cover supporting means for supporting the cover adjacent the center of the umbrella at an elevated position with respect to said ribs, said auxiliary means being attached to the ribs outwardly of the points of attachment of the ribs to the central staff and extending over and spaced from the staff end.

2,130,295
ROLLER BEARING CAGE
Charles S. Brown, Syracuse, N. Y.
Application September 11, 1935, Serial No. 40,125
2 Claims. (Cl. 308—217)



1. A one-piece sheet metal cage for roller bearings comprising opposing annular heads, a tie bar integral with both heads, a tie bar integral with one head and secured at its end remote from the head with which it is integral to the other head, and a tie bar integral with said other head and secured at its end remote therefrom to said one head, the heads being formed with an annular series of perforations for receiving axles at the ends of the roller, the folding line of the tie bars being located outside the circle of the annular series of perforations, whereby the perforations of the heads are in axial alinement when the heads and bars are folded into the cage formation.

2,130,296
SPEED INDICATOR APPARATUS FOR MOTOR VEHICLES
Stuart H. Caldwell, Detroit, Mich., assignor to Kelch Heater Company, Detroit, Mich., a corporation of Michigan
Application August 31, 1936, Serial No. 98,811
6 Claims. (Cl. 250—41.5)



1. In a speed indicating apparatus, a cylindrical casing, speed responsive means in said casing, a rotatable member in said casing adapted to be rotated into various positions by said speed responsive means, a graduated dial on the face of said casing, a photoelectric cell unit comprising a light source and a photoelectric cell mounted for rotation about the axis of said casing, a light shield mounted on said rotatable member adapted to be rotated into position to intercept light between said source and said photoelectric cell, and a lever on said photoelectric cell unit extending outside the casing to a point adjacent said graduated dial for adjusting said photoelectric cell unit and for indicating relative to said dial a speed at which said light shield will intercept light between said source and said photoelectric cell.

2,130,297
WINDOW AND SASH CONSTRUCTION
Oliver M. Edwards, Syracuse, N. Y., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y., a corporation of New York
Application June 2, 1936, Serial No. 83,092
Renewed February 8, 1938
9 Claims. (Cl. 189—64)

1. In a window and sash construction, a frame formed with a channel, a double sash mountable

in the frame and including separable units arranged with their edges exposed in the channel, the edges of the units being formed concave to provide a circumferential groove, and a com-

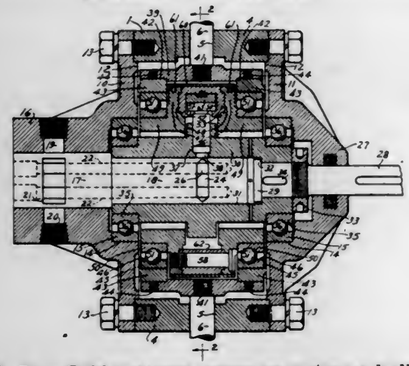


pressible distortable member, rounding in cross section, encircling the periphery of the sash and seated in the groove, said member compressing against the walls of the channel.

2,130,298
PUMP OR MOTOR

Walter Ernst, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del., a corporation of Delaware

Application September 28, 1933, Serial No. 691,380
3 Claims. (Cl. 103—161)



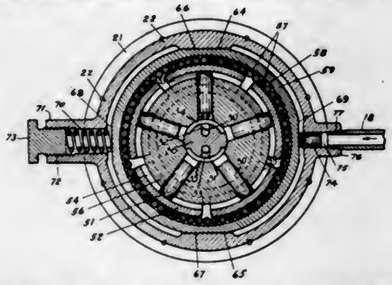
1. In a fluid pressure pump or motor; a hollow guide block member, said member including an arcuate portion having inner and outer arcuate reaction surfaces, and sides integrally connected to said arcuate portion and having guide grooves therein; a reactance rotor embracing the outer arcuate reaction surface of said guide block member, a movable reaction member engaging said inner arcuate reaction surface of said guide block member for reciprocation relatively thereto; and a piston-crosshead mounted for rectilinear reciprocation in said grooves and against said movable reaction member, said movable reaction member being adapted to slide relatively to said guide block member and tilt relatively to said crosshead.

2,130,299
RADIAL PUMP

Walter Ernst, Mount Gilead, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del., a corporation of Delaware

Application February 10, 1936, Serial No. 63,146
12 Claims. (Cl. 103—161)

1. A pump assembly comprising a casing, a pintle, a cylinder barrel with radial cylinder bores, pistons reciprocable therein, segmental guide blocks adapted to have contacting engagement with the outer ends of the pistons, a shift member, anti-friction bearing elements arranged between said shift member and said guide blocks said anti-friction bearing elements being secured to said shift member in an annular path there-

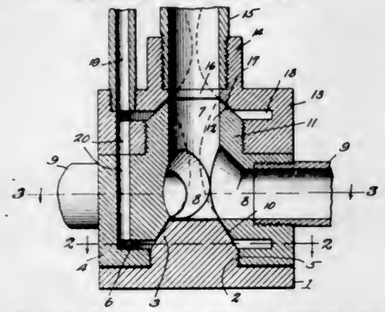


around and having their inner portions exposed for direct engagement by said guide blocks, and means for supplying pressure fluid to the pistons in said cylinder bores to maintain them in said contacting engagement with said guide blocks during the suction strokes thereof.

2,130,300
WATER EJECTOR

Eugene M. Evans, Jefferson City, Mo., assignor of ten percent to Ernest J. Tietjen, Jefferson City, Mo.

Application December 12, 1936, Serial No. 115,602
1 Claim. (Cl. 103—264)



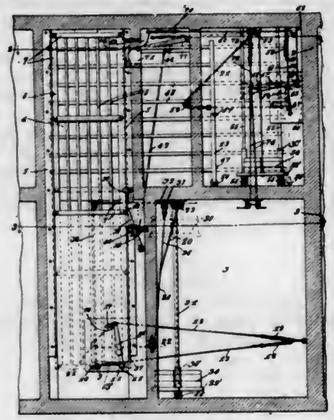
An ejector including a base, a tapered screw-threaded tip thereon, a body having a tapered port adjustably engaged by said tip, a chamber in the body extending around and opening into the port and having its communication with the port controlled by the tip, a tapered screw-threaded tip on the body, a fluid passage extending through said tip and its body, and past said port, a head adjustably seated on the tip on the body and having a tapered port, a chamber in the head in communication with the chamber in the body and having its communication with the port in the head controlled by the adjustable tip on the body, said chamber extending around and opening into said port, means for directing fluid away from the port in the head, and means for directing a fluid under pressure into said chambers.

2,130,301
BANDIT OR BURGLAR TRAP

Chester L. Goldsmith and Bert F. Wood, Winchester, N. H.

Application September 6, 1934, Serial No. 742,978
3 Claims. (Cl. 20—1.01)

1. In protective apparatus, vertically and horizontally movable doors, means for holding the doors in open position, means tending constantly to close the doors, means to release the holding means and including automatic releasing means

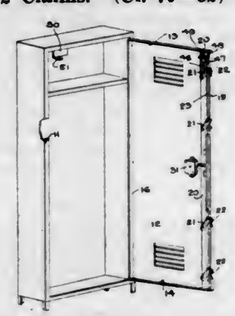


for the horizontally movable door actuated by the vertically movable door, means to automatically lock the doors in closed position, and means to release said locking means.

2,130,302
CABINET DOOR LATCH

Samuel J. Henderson, Philadelphia, Pa., assignor to Electric Service Supplies Company, Philadelphia, Pa., a corporation of Pennsylvania

Application June 5, 1935, Serial No. 25,102
2 Claims. (Cl. 70—82)

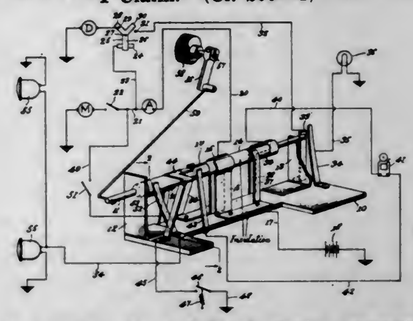


1. A cabinet lock assembly comprising, in combination, a support of Z-shaped cross-section, a plurality of vertically spaced latch elements pivotally secured upon one branch of said support, a vertically shiftable substantially flat member mounted upon the intermediate branch of said support in such manner that it is disposed in a plane normal to that of said latch elements, said member being provided with vertically spaced notches through which said latch elements respectively project, a handle fixed to and carried by said shiftable member for effecting the oscillation of said latch elements about their respective pivots in one direction or the other, a spring pressed detent carried by said first-mentioned branch of said support at a point adjacent the upper extremity thereof, and means formed as an integral part of said shiftable member for engaging said spring pressed detent to normally maintain the said shiftable member in raised position.

2,130,303
THEFT ALARM SWITCH

Joseph F. Huss, Charlotte, N. C., assignor of one-half to Burman K. Blalock, Charlotte, N. C.

Application April 20, 1936, Serial No. 75,450
1 Claim. (Cl. 200—4)



A circuit make and break device comprising a base, a shiftable element slidably mounted on said base and having spaced circuit making and circuit breaking sections, a pair of spring contacts mounted on the base adjacent one end of said element, said one end of the element having a reduced portion whereby the element may be shifted to one position to place the reduced portion between said contacts to allow them to engage and to a second position to place a circuit breaking section between said contacts, a plurality of contacts mounted on the base to engago said element on substantially the same circumference whereby said element is adapted in said one position to place a circuit breaking section in engagement with said contacts to open the circuit through them and in said second position to place a circuit making section in engagement with said contacts, a further pair of contacts mounted on the base for engagement with opposite sides of the element and adapted to be connected by a circuit making section in said one position of the element and to be disconnected by a circuit breaking section in said second position of the element, a connecter between one of the further pair of contacts and one of said plurality of contacts to interconnect the last mentioned sets of contacts when the said element is shifted to the second position, an additional pair of contacts mounted on said base for engagement with said element adapted to be connected by a circuit making section when the element is in said second position and to be disconnected when the element is in said one position, a second connecter between one of said additional pair of contacts and the other of said further pair of contacts to interconnect the named sets of contacts when the element is in said second position, a pair of spring contacts mounted in spaced relation on the base at one end of said element so that in said one position the tip of the element engages both of them, said tip being of conducting material to make the circuit between said contacts in said one position of the element, in the second position of said element said tip being withdrawn from said contacts to break the circuit between them.

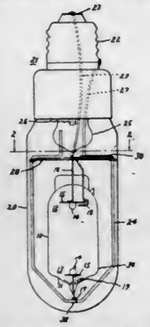
2,130,304
ENCLOSED ELECTRIC ARC LAMP

Eugene Lemmers, Cleveland, Ohio, assignor to General Electric Company, a corporation of New York

Application September 25, 1936, Serial No. 102,554
11 Claims. (Cl. 176—122)

1. An electric discharge lamp of the high pres-

sure metal vapor arc type adapted to be mounted with its longitudinal axis vertically disposed and comprising a bulb, a vaporizable metal in said bulb, upper and lower electrodes mounted substantially in the axis of said bulb adjacent the ends thereof, the lower electrode being closer to



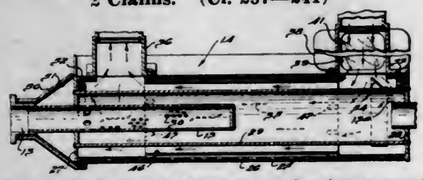
the bottom of the bulb than the upper electrode is to the top of the bulb, each of said electrodes comprising a metal disc disposed transversely of the axis of said bulb and adapted to radiate heat to the ends of said bulb during operation of the lamp.

2,130,305
APPLICATOR
Sidney M. Lewis, St. Joseph, Mo.
Application February 20, 1937, Serial No. 126,816
11 Claims. (Cl. 128—260)



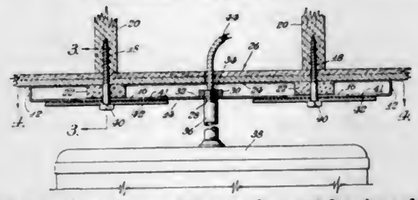
2. A device of the character described, including a barrel having a medicament containing socket and a capsule containing compartment, an ejector slidable in the barrel to effect ejection of the medicament contained in said socket, a puncturing device on the ejector, and a plunger in the barrel for effecting movement of the capsule against the puncturing device to effect puncture of the capsule and ejection of the medicament contained in said socket.

2,130,306
VEHICLE BODY VENTILATION APPARATUS
William Lintern, Cleveland, Ohio, assignor to Evans Products Company, Detroit, Mich., a corporation of Delaware
Original application January 9, 1936, Serial No. 58,350. Divided and this application September 30, 1936, Serial No. 103,235
2 Claims. (Cl. 257—241)



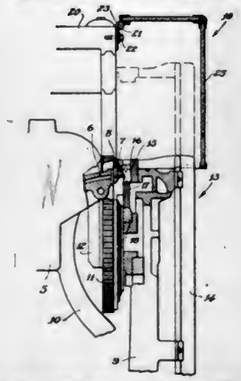
2. A vehicle body exhaust gas heater comprising a heat radiating conduit arranged for connection in an engine exhaust gas line for passage of exhaust gases therethrough, a casing surrounding the conduit in spaced relation thereto and having an end wall, said casing and conduit defining an air heating compartment, an air inlet opening into the compartmet, an air outlet opening into the compartment in spaced relation to the opening of the air inlet, whereby air may be passed from the inlet to the outlet through the compartment, a shield mounted within the compartment between the openings, said shield being in slightly spaced relation to the casing walls for defining with the interior wall surface of the casing a restricted air passage, said passage being open at both ends whereby part of the air passing through said compartment may pass in direct contact with said conduit and part of the air may pass through said restricted air passage to provide an air shield between the shield and casing for reducing heating of and radiation losses from the casing.

2,130,307
HANGER
Owen McGovern, Chicago, Ill.
Application June 8, 1936, Serial No. 84,188
2 Claims. (Cl. 248—18)



2. A hanger comprising a channel having slots in its bight, a cushioning member positioned inside the channel over each of said slots for pressure relation with a supporting structure, a fastening element passing through each of said slots and the cushioning member associated therewith for connection with the supporting structure, a cover plate positioned adjacent the outer face of the bight over each of said slots and having an opening for receiving the fastening element passing through that slot, and a load supporting member depending from said channel midway between said slots, each of said fastening elements and the plate and cushioning member associated therewith being movable toward and away from said load supporting member as a unit.

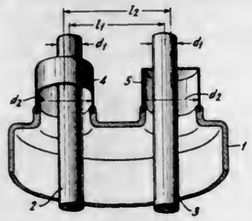
2,130,308
LINOTYPE SQUIRT GUARD
Walter J. Miller, New York, N. Y.
Application October 12, 1936, Serial No. 105,307
4 Claims. (Cl. 199—53)



1. The combination with a machine for casting type bars, comprising a holder for type matrices,

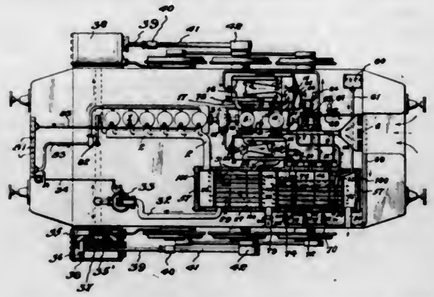
a mold cooperating therewith, and means for forcing molten metal into a mold, of a normally relatively stationary shield pivotally connected to the machine for covering the matrices and mold, said shield being substantially rectangular shaped and provided with transparent top, side and front walls.

2,130,309
CURRENT CONDUCTOR SUPPORT
Leon S. Nergaard, East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, a corporation of Delaware
Application September 18, 1937, Serial No. 164,471
5 Claims. (Cl. 250—27.5)



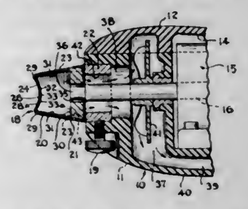
1. In combination, a wall, a plurality of alternating current carrying conductors extending through openings in said wall, means for supporting said conductors in said openings comprising cup-shaped thimbles with the tubular sides of the thimbles joined to said wall in the opening, the bottom portion of each thimble being joined to one of the conductors, and said tubular sides of the thimbles being shaped to coincide with electromagnetic lines of force cutting the tubular sides.

2,130,310
LOCOMOTIVE WITH PNEUMATIC TRANSMISSION BY MEANS OF A MIXTURE OF COMPRESED AIR AND STEAM
Luigi Neumann, Milan, Italy, assignor to Società Anonima Brevetti Zarlatti, Rome, Italy
Application April 23, 1935, Serial No. 17,840
2 Claims. (Cl. 60—14)



1. In a locomotive with a combustion motor the pneumatic transmission of the energy by means of a mixture of compressed air and water vapour with the generation of this mixture comprising a combustion motor with variable speed, a double stage compressor directly coupled with the motor and including a low pressure cylinder and a high pressure cylinder, a low pressure saturator after the low pressure cylinder and a high pressure saturator after the high pressure cylinder of the compressor, water sprayers in said saturators serving for the intermediary cooling of the compressed air and for the saturation of the same with water vapor by injecting through said sprayers water under high pressure and in such quantity that the total vaporization is secured; the saturation of the compressed air being furthermore increased by adding in the saturators also a conveniently dosed quantity of steam separately generated; a tubular heater serving for heating the saturated mixture after the high pressure saturator by means of the exhaust gases of the combustion motor; a tubular system for steam generation to be added successively to the compressed air, also functioning with the exhaust gases and having also a tubular pre-heater of the feeding water inserted in the passage of the gas, after the steam generating system; water pumps driven by the shaft of the motor compressor group serving for feeding the sprayers of the saturators and steam generating system, complete connecting tubing for the mixture between the low pressure cylinder of the compressor and the low pressure saturator between this latter and the high pressure cylinder of the compressor, between the high pressure cylinder and the high pressure saturator, between the high pressure saturator and the mixture heater and finally between the heater and the locomotive cylinders with a main regulator before these cylinders, in order to control the inlet of the compressed mixture to the locomotive cylinders, from which, by means of the connecting rods and the usual crank mechanism, the useful work is transmitted to the driving wheels.

2,130,311
MOTOR-OPERATED SHAVER
Fletcher L. Parham, Akron, Ohio
Application January 21, 1937, Serial No. 121,551
9 Claims. (Cl. 30—41)

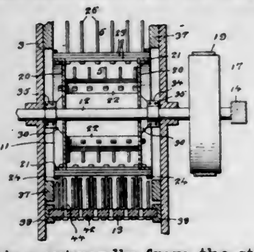


6. A motor-operated shaver comprising a motor, a cutter-head including a motor-operated movable cutting element enclosed within a relatively fixed outer cutting element, said outer cutting element including a concave cutter plate, slots in said outer cutting element and in said movable cutting element adapted to receive the hairs to be sheared, said slots being cut back a portion from the face of said cutter-head, and means for maintaining suction at said cutter-head through said slots and said cut-back portions thereof.

2,130,312
CORN SHREDDING MECHANISM
Glen Pickel, Reedsburg, Wis.
Application July 1, 1936, Serial No. 88,469
1 Claim. (Cl. 146—117)

In a shredding mechanism, a rotatably mounted shaft, a toothed shredding cylinder comprising cylinder heads fast on said shaft and a pair of knives secured to said shaft adjacent to the outer sides of each of said heads in diametrically opposed relation, the knives of each

pair comprising a straight outer cutting edge parallel with said shaft and an oblique cutting



edge inclining outwardly from the straight edge toward the related head.

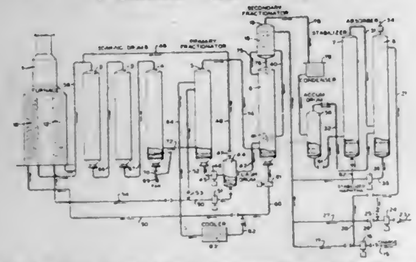
2,130,313

CONVERSION OF HYDROCARBON OILS

Joseph M. Barron, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

Application April 7, 1937, Serial No. 135,377

7 Claims. (Cl. 196—9)



4. A process for the conversion of hydrocarbons to produce motor fuel, which comprises subjecting hydrocarbon oils to a conversion operation whereby motor fuel hydrocarbons are formed, separating the products of reaction into vapors and residuum, fractionating the vapors to separate a reflux condensate, commingling said reflux condensate and fresh charge containing normally gaseous hydrocarbons, flashing said mixture to form residual oil and a fraction containing normally gaseous hydrocarbons, charging said residual oil to the conversion operation and introducing said fraction containing normally gaseous hydrocarbons into the conversion operation at an intermediate point thereof.

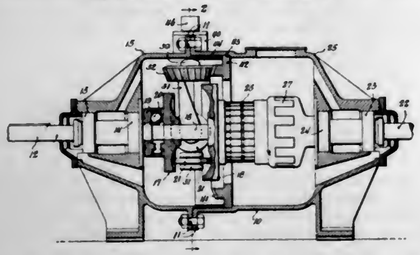
2,130,314

VARIABLE SPEED TRANSMISSION

Ralph W. Brown, Shorewood, Wis., assignor to The Falk Corporation, Milwaukee, Wis., a corporation of Wisconsin

Application December 16, 1935, Serial No. 54,608

12 Claims. (Cl. 74—200)



1. A variable speed transmission comprising a rotary member having a toric raceway, a roller frictionally engaging said raceway and regulatable to follow any of a plurality of circular paths in said raceway, and means for regulating said roller comprising an element offset from and fixed with respect to the axis of rotation and center of said roller and movable to tilt said roller about an axis fixed with respect to said axis of rotation and passing through a point of contact of said roller with said raceway.

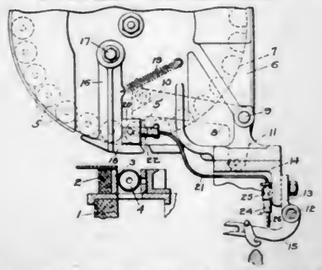
2,130,315

BOBBIN SUPPORTING DEVICE

Carl D. Brown, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a corporation of Maine

Application April 14, 1938, Serial No. 201,992

4 Claims. (Cl. 139—251)



1. In a bobbin changing loom, the combination of a hopper arranged to successively present reserve bobbins in transferring position, a transferrer, a swinging bobbin support pivotally mounted on said hopper for movement into and out of supporting engagement with the bobbin which is in transferring position, means including an arm movable to initiate operation of said transferrer, and means operated by said arm prior to each transferring operation for moving said bobbin support out of engagement with the bobbin which is in transferring position.

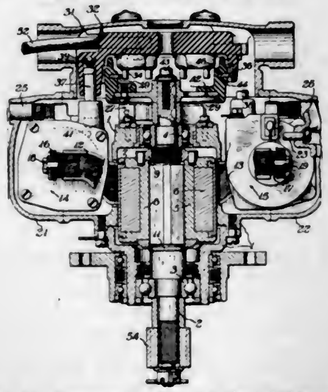
2,130,316

MAGNETOGENERATOR FOR INTERNAL COMBUSTION ENGINES

Gustave D. Cerf, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware

Application January 30, 1937, Serial No. 123,267

10 Claims. (Cl. 171—209)



1. In an ignition magneto for internal combustion engines, a casing, a magnetic rotor journalled therein, oppositely arranged stator elements fixed in said casing in position to cooperate with the rotor, detachable covers for opposite sides of the casing, induction coils mounted in said covers with their cores positioned to cooperate with said stator elements and receive flux from the rotor therethrough, a detachable cap for the end of the casing, and breaker and distributor mechanism mounted in the end of the casing and actuated by said rotor, including a distributor terminal block mounted in said cap.

2,130,317

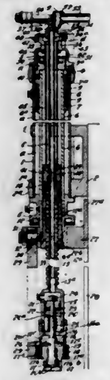
MACHINE FOR APPLYING CLOSURES TO OR REMOVING THEM FROM BOTTLES AND OTHER CONTAINERS

Arthur Clarke, Leicester, England, assignor to Gimson & Co. (Leicester) Limited, Leicester, England, a British company

Application February 12, 1937, Serial No. 125,511

In Great Britain February 21, 1936

19 Claims. (Cl. 226—88)



19. Apparatus for dealing with containers and closures therefor, comprising, in combination, a holder provided with members adapted to receive and grip a closure, means for operating said gripping members to grip said closure and means operable by fluid pressure for moving said holder towards and from a relatively stationary container to be dealt with and for imparting rotary movement to the holder, for the purposes herein described.

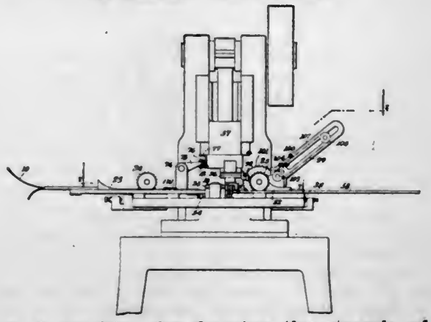
2,130,318

WIRE FORMING MACHINE AND METHOD

Charles C. Cruzan, Poughkeepsie, N. Y., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y., a corporation of New York

Application December 12, 1936, Serial No. 115,489

25 Claims. (Cl. 140—71)



1. A machine for forming the strands of a zigzag wire strip into ring shape comprising a guide for flat zigzag wire strip, a die having stepped bending surfaces at the end of said guide, a companion die having cooperating stepped bending surfaces opposed to those of the first die, means for effecting cooperative action of said dies and means for effecting advancement of zigzag wire strip through said guide to said cooperating dies, including feed devices toothed to engage the strands of said zigzag wire strip and located at opposite sides of said cooperating dies to thereby engage and position the strands of the zigzag strip both before and after the forming operations of the dies.

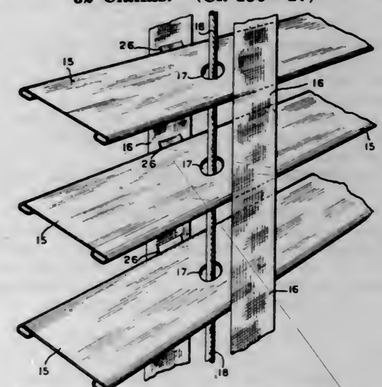
2,130,319

VENETIAN BLIND SLAT

Samuel Hammer, Brooklyn, N. Y., assignor to United Metal Box Co., Inc., Brooklyn, N. Y., a corporation of New York

Application May 18, 1934, Serial No. 726,225

32 Claims. (Cl. 156—17)



1. A Venetian blind slat comprising a strip of thin sheet metal stiffened by having the longitudinal edges thereof bent into spaced relationship with respect to said strip to form at each edge of the slat a tubular reinforcement adjacent the plane of the strip, said strip also having apertures opening from the edge of the slat into the tubular reinforcements, and release apertures in the tubular reinforcement.

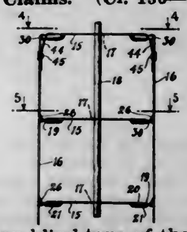
2,130,320

VENETIAN BLIND TAPE

Samuel Hammer, Brooklyn, N. Y., assignor to United Metal Box Co., Inc., Brooklyn, N. Y., a corporation of New York

Application April 15, 1936, Serial No. 74,602

6 Claims. (Cl. 156—17)



1. A Venetian blind tape of the class described comprising in combination a strip of fabric having staple shaped spring clips secured thereto at equally spaced intervals throughout the length

thereof, each of said clips comprising a head and two hook-like point means for detachably engaging in preformed apertures in the edge of a Venetian blind slat, the clips disposed proximate the ends of said tape having a head portion approximately equal to the width of said tape.

2,130,321
STABILIZATION OF SULPHUR-CONTAINING COMPOUNDS AND SYSTEMS

Morris S. Kharasch, Chicago, Ill., assignor to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana

No Drawing. Application May 14, 1934, Serial No. 725,482
11 Claims. (Cl. 23—250)

1. The process of stabilizing against oxidation by oxygen a solution of a sulphur-containing compound in which otherwise such oxidation is catalyzed by the presence of ions of copper, manganese or iron; which consists in adding an aliphatic 1,2-diamine to the solution.

2,130,322
STABILIZATION OF HYDROXY BENZENOID COMPOUNDS AND TETRAVALENT SULPHUR COMPOUNDS AGAINST METAL CATALYSTS

Morris S. Kharasch, Chicago, Ill., assignor to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana

No Drawing. Application May 14, 1934, Serial No. 725,483
32 Claims. (Cl. 23—250)

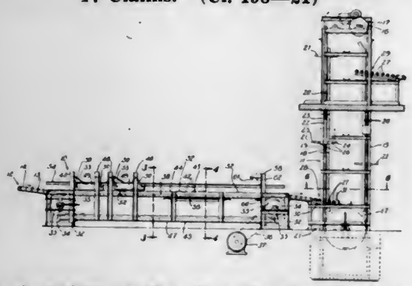
1. The process of stabilizing a solution of a hydroxy benzenoid compound which is easily oxidized by oxygen of the air, which consists in adding to such solution a tetravalent-sulphur salt which has an aliphatic 1,2-diamine present with it.

11. A composition of matter, comprising a water solution of a tetravalent-sulphur salt, in which water solution there is present an aliphatic 1,2-diamine.

2,130,323
CONVEYER SYSTEM

William J. Lueckel, New York, N. Y., assignor to Dunning Lueckel Engineering Company, New York, N. Y., a copartnership composed of Harry Dunning and William J. Lueckel

Application June 24, 1936, Serial No. 86,913
17 Claims. (Cl. 198—21)

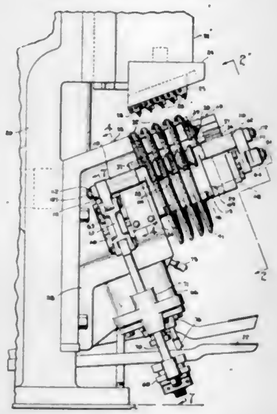


1. A system of the character described comprising a longitudinally movable conveyer, means for actuating said conveyer, means associated with said conveyer and operated thereby for spacing the articles on the conveyer one from the other, means associated with said conveyer for accelerating the advance of the article to be discharged to increase the separation thereof from the next succeeding article, means for receiving the article to be discharged, means beyond the accelerating means subject to the action of the article to be discharged for controlling the actuating means to interrupt the operation of the conveyer, and means for restarting the conveyer and maintaining operation thereof until the next article on the conveyer attains a position for operating said controlling means to again interrupt the operation of the conveyer.

2,130,324
METHOD OF MAKING METAL RINGS

Thomas G. Monahan, Cuyahoga Falls, Ohio, assignor to The Firestone Steel Products Company, Akron, Ohio, a corporation of Ohio

Application October 2, 1934, Serial No. 746,527
6 Claims. (Cl. 153—2)

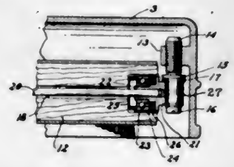


1. The method of making metal rings which comprises forming a metal strip into a helical coil of a plurality of convolutions, supporting the coil with the convolutions thereof in uniformly spaced relation, increasing the diameter of said coil, and then concurrently severing all the convolutions of the coil while its diameter is so increased.

2,130,325
SUCTION SWEEPER

Lloyd W. Pardee, Lakewood, Ohio, assignor to The Scott & Fetzer Company, Cleveland, Ohio, a corporation of Ohio

Application February 18, 1935, Serial No. 7,000
12 Claims. (Cl. 15—8)



1. In a suction sweeper, a suction nozzle, a brush rotatably mounted therein, and means for frictionally securing said brush in operative position in said nozzle, said means including a downwardly extending post part and a flexible yielding material interposed between the brush and post for frictionally holding the brush in place while at the same time preventing the transmission of sound and vibration to the cleaner nozzle.

2,130,326
METHOD OF FORMING AN EMULSIFYING AGENT

Robert R. Thurston, Chappaqua, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

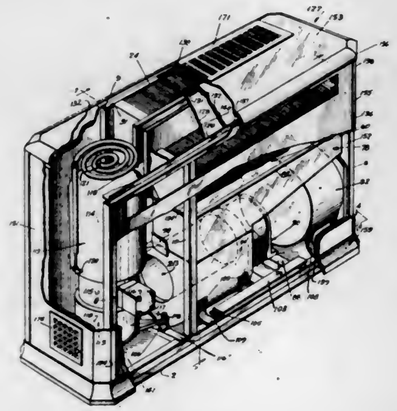
No Drawing. Application May 11, 1933, Serial No. 670,515. Renewed February 5, 1938
4 Claims. (Cl. 260—505)

1. The method of forming an emulsifying agent which comprises mixing 90–60% of a petroleum distillate lubricating oil and 10–40% of an aromatic hydrocarbon selected from the group consisting of benzol, toluol and diphenyl, heating the mixture with a sulfonating agent to form petroleum hydrocarbon-aromatic sulfonic acids, adding water to the resultant material and allowing the material to stratify, separating the intermediate sludge-like layer therefrom, and adding an excess of caustic soda to the separated sludge-like layer to completely neutralize said layer and to form sodium salts of the petroleum hydrocarbon-aromatic sulfonic acids.

2,130,327
AIR CONDITIONING APPARATUS

Henry L. Galson, Philadelphia, Pa., assignor to Baldwin-Southwark Corporation, a corporation of Delaware

Application December 24, 1932, Serial No. 648,772
72 Claims. (Cl. 62—129)

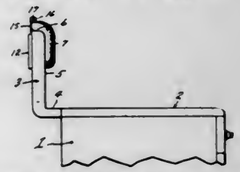


1. A self-contained room cooler unit adapted to be placed in a room adjacent a window or other suitable opening in the room wall comprising, in combination, a refrigerant evaporator, means circulating room air over said evaporator to cool the room air, a refrigerant condenser, and means for circulating exterior air through the window and over the condenser and thence out through the window to conduc away the condenser heat, including inlet and outlet ducts projecting to the window directly rearwardly from the upper portion of the rear side of the unit and a passage extending downwardly from said inlet duct to near the bottom of the unit and thence upwardly for communication with said outlet duct.

2,130,328
BACK GUARD ASSEMBLY AND LAMP FOR RANGES

John G. Hoff, Mansfield, Ohio, assignor to The Tappan Stove Company, Mansfield, Ohio, a corporation of Ohio

Application March 24, 1937, Serial No. 132,756
3 Claims. (Cl. 240—2)

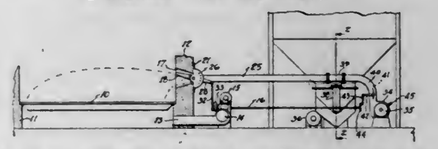


1. The combination with a range provided with a back plate having a vertically disposed front wall and a rearwardly extending top portion, a lamp shade pivotally supported on said top portion and engaging said front wall and cooperating therewith to form a light chamber, means carried by said back plate having an overhanging flange thereon, said shade having a flange thereon engaging said overhanging flange for holding said shade in place, the center of gravity of said shade being disposed below its point of support whereby the weight of said shade tends to hold said flanges in engagement.

2,130,329
OVERFEED STOKER

Edward C. Sammons, Portland, Oreg., assignor to Iron Fireman Manufacturing Company, Portland, Oreg.

Application May 6, 1935, Serial No. 20,063
4 Claims. (Cl. 110—104)



1. In an overfeed stoker for continuously feeding mixed fine coal and lump coal to a furnace grate, a laterally widened adjustable nozzle mounted above the grate level and pivoted so as to throw the lump coal on the grate through different trajectories depending upon the angle to which the nozzle is set, a motor driven fan, a pneumatic conveyor tube delivering air from said fan to said nozzle, means for feeding mixed fine and lump coal laterally into the air stream in the pneumatic conveyor tube, thereby insuring the mixture of the coal with the air, means for altering at will the quantity of the air delivered by the fan, and automatic means for independently causing a regularly timed, constant increase and decrease in the velocity of air delivered by the fan, so that the lumps will be distributed over the entire grate surface.

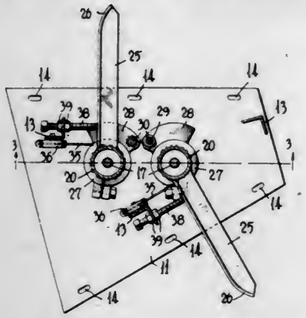
2,130,330
AUTOMATIC TRAFFIC CONTROL FOR CONVEYERS

Gerald J. Sibley, Alameda, Calif., assignor to Mathews Conveyer Company, Ellwood City, Pa., a corporation of Pennsylvania

Application March 9, 1938, Serial No. 194,964
10 Claims. (Cl. 198—21)

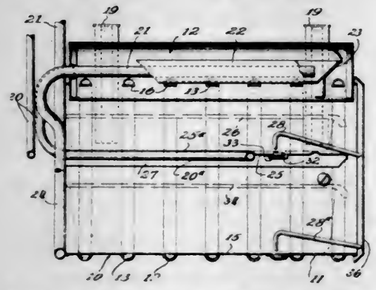
9. A traffic control device for controlling the passage of articles over two separate adjacent

conveyer lines comprising a pair of arms, one adapted to normally project over one conveyer and the other arm over the other conveyer in the path of articles traveling along said conveyers, said arms each being pivotally mounted to swing



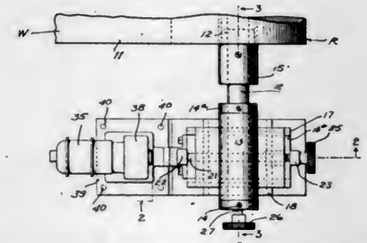
from article blocking position to a position to permit articles to pass, and interengaging means actuated by movement of said arms whereby pivotal movement of one arm will lock the other arm in article blocking position.

2,130,331
COOLING UNIT
James H. Dennedy, Evansville, Ind., assignor to Sunbeam Electric Manufacturing Company, Evansville, Ind., a corporation of Indiana
Application July 16, 1934, Serial No. 735,371
Renewed February 11, 1938
10 Claims. (Cl. 62—126)



8. A refrigerated wall for a cooling compartment comprising a metal sheet having a plurality of spaced inwardly facing semi-cylindrical corrugations formed therein and refrigerant-carrying half-round tubing received in the corrugations with the semi-cylindrical side of the tubing fitting the corrugations and in substantial heat conducting contact therewith, and the flat side of the tubing being substantially flush with the flats therebetween whereby the flats constitute heat radiating surfaces for the tubing, the flats and the flat sides of the tubing being exposed to the interior of the compartment.

2,130,332
METHOD AND APPARATUS FOR WINDING PAPER
Charles Davis, Piedmont, W. Va., assignor to West Virginia Pulp and Paper Company, New York, N. Y., a corporation of Delaware
Application December 1, 1936, Serial No. 113,583
8 Claims. (Cl. 242—55)



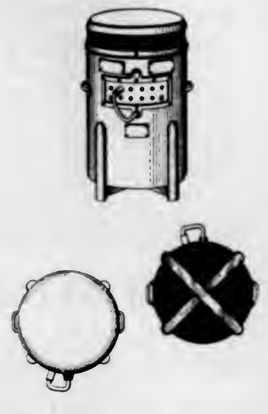
3. The method of winding a web of paper and the like in a manner to prevent the building up of ridges due to superimposed minute irregularities in the thickness of the paper such as arise from its manufacture on a paper making machine, which irregularities run longitudinally of the web, consisting in oscillating said web in its own plane while the same is moving, passing the same between edge trimmers of a fixed distance apart less than the width of the web, and winding the trimmed web, the amount of the oscillation being less than the distance of the trimmer from the edge of the untrimmed web adjacent thereto.

4. A web-roll-supporting structure comprising a web-roll-shaft; means to induce periodic coaxial oscillation of said shaft; and manually operable means to effect adjustments of said shaft lengthwise and transversely, independently of said periodic oscillation thereof, and during said oscillatory movement.

DESIGNS

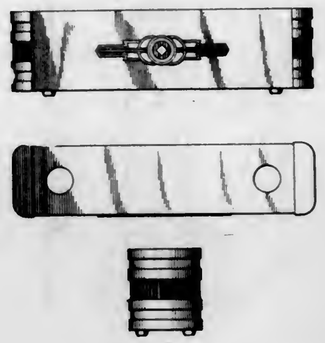
SEPTEMBER 13, 1937

111,208
DESIGN FOR AN ARC WELDER
Clifford C. Lee, Aberdeen, S. Dak.
Application May 19, 1938, Serial No. 77,282
Term of patent 7 years



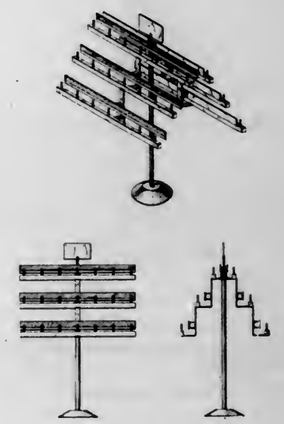
The ornamental design for an arc welder, as shown and described.

111,209
DESIGN FOR AN ELECTRIC SIGN BASE
Joseph M. Mattias, West Warwick, R. I.
Application June 14, 1938, Serial No. 77,838
Term of patent 3½ years



The ornamental design for an electric sign base, as shown.

111,210
DESIGN FOR A COLOR INDICATOR NECKTIE RACK
James C. McCurrach, Brooklyn, N. Y.
Application July 8, 1938, Serial No. 78,347
Term of patent 7 years



The ornamental design for a color indicator necktie rack, substantially as shown and described.

111,211
DESIGN FOR A SLIPPER
Jack Meltzer, Putnam, Conn.
Application July 28, 1938, Serial No. 78,793
Term of patent 3½ years



The ornamental design for a slipper, substantially as shown.

111,212
DESIGN FOR A GLASS BOTTLE
Albert C. Meyer, Glenshaw, Pa., assignor to Glenshaw Glass Company, Glenshaw, Pa., a corporation of Pennsylvania
Application June 17, 1938, Serial No. 77,901
Term of patent 14 years



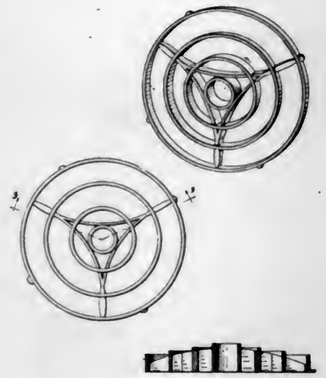
The ornamental design for a glass bottle, as shown and described.

111,213
DESIGN FOR A LAMP SHADE
Victor Nemeroff, Chicago, Ill., assignor to Electro Manufacturing Co., Chicago, Ill., a corporation of Illinois
Application June 30, 1938, Serial No. 78,175
Term of patent 7 years



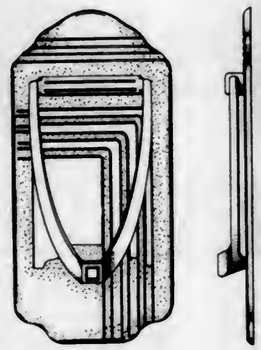
The ornamental design for a lamp shade, as shown.

111,214
DESIGN FOR A LIGHTING FIXTURE GRILLE
William B. Petzold, Pittsfield, Mass., assignor to Gorham Manufacturing Company, Providence, R. I., a corporation of Rhode Island
Application June 8, 1938, Serial No. 77,666
Term of patent 14 years



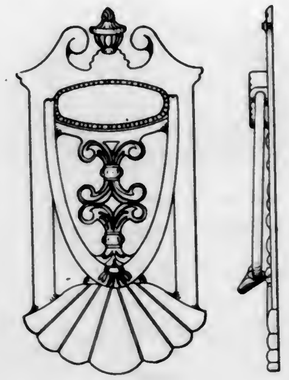
The ornamental design for a lighting fixture grille, substantially as shown.

111,215
DESIGN FOR A DOOR KNOCKER
Ralph Pryne, Los Angeles, Calif.
Application August 9, 1937, Serial No. 70,930
Term of patent 3½ years



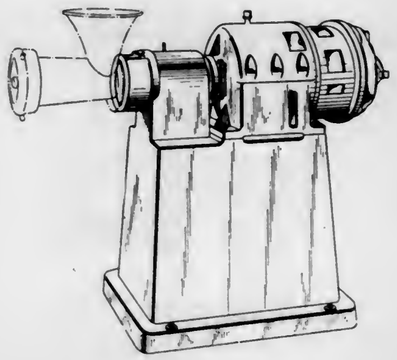
The ornamental design for a door knocker, as shown.

111,216
DESIGN FOR A DOOR KNOCKER
Ralph Pryne, Los Angeles, Calif.
Application August 10, 1937, Serial No. 70,973
Term of patent 3½ years



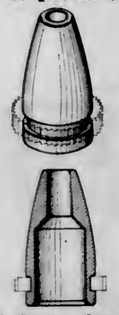
The ornamental design for a door knocker, as shown.

111,217
DESIGN FOR A FOOD CHOPPER
Hans E. A. Rable, Philadelphia, Pa., assignor to The Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa., a corporation of Pennsylvania
Application June 13, 1938, Serial No. 77,812
Term of patent 7 years



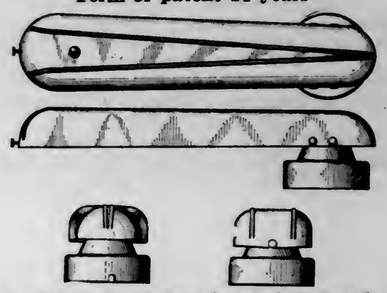
The ornamental design for a food chopper, substantially as shown and described.

111,218
DESIGN FOR A CORD TASSEL
Aaron A. Radel, New York, N. Y., assignor to Master Venetian Blind Hardware Corporation, New York, N. Y., a corporation of New York
Application June 22, 1938, Serial No. 77,989
Term of patent 7 years



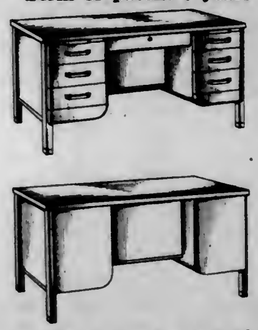
The ornamental design for a cord tassel, substantially as shown.

111,219
DESIGN FOR A PHONOGRAPH TONE ARM
Jean Otis Reinecke, Chicago, Ill., assignor to Webster Electric Company, Racine, Wis., a corporation of Wisconsin
Application June 7, 1937, Serial No. 69,728
Term of patent 14 years



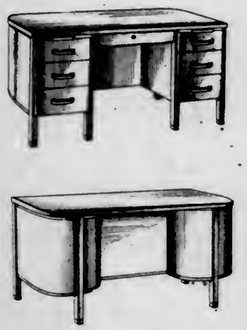
The ornamental design for a phonograph tone arm, as shown.

111,220
DESIGN FOR A DESK
Bayard E. Richardson and Richard W. Willey, Grand Rapids, Mich.
Application February 7, 1938, Serial No. 74,929
Term of patent 7 years



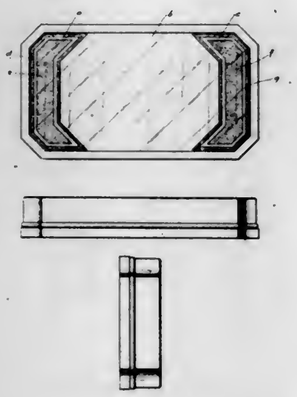
The ornamental design for a desk, as shown.

111,221
DESIGN FOR A DESK
Bayard E. Richardson and Richard W. Willey, Grand Rapids, Mich.
Application February 7, 1938, Serial No. 74,930
Term of patent 7 years



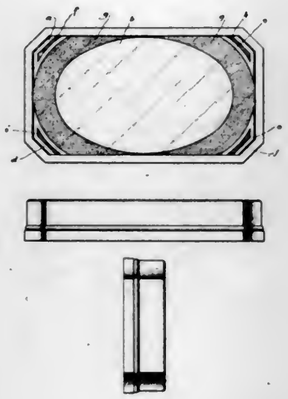
The ornamental design for a desk, as shown.

111,222
DESIGN FOR AN ILLUMINABLE MIRROR OR SIMILAR ARTICLE
Oliver C. Ritz-Woller, Chicago, Ill.
Application May 4, 1938, Serial No. 76,980
Term of patent 7 years



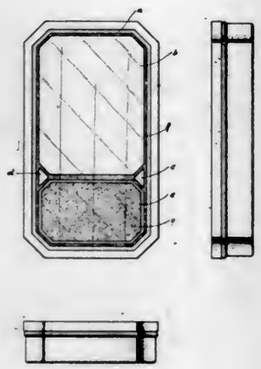
The ornamental design for an illuminable mirror or similar article, substantially as shown and described.

111,223
DESIGN FOR AN ILLUMINABLE MIRROR OR SIMILAR ARTICLE
Oliver C. Ritz-Woller, Chicago, Ill.
Application May 4, 1938, Serial No. 76,981
Term of patent 7 years



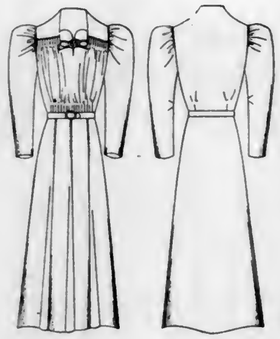
The ornamental design for an illuminable mirror or similar article, substantially as shown and described.

111,224
DESIGN FOR AN ILLUMINABLE MIRROR OR SIMILAR ARTICLE
Oliver C. Ritz-Woller, Chicago, Ill.
Application May 4, 1938, Serial No. 76,982
Term of patent 7 years



The ornamental design for an illuminable mirror or similar article, substantially as shown and described.

111,225
DESIGN FOR A DRESS
Katheryn Rost, New York, N. Y.
Application July 26, 1938, Serial No. 78,728
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,226
DESIGN FOR A BOTTLE
Garland D. Runnels, Seattle, Wash.
Application June 27, 1938, Serial No. 78,097
Term of patent 14 years



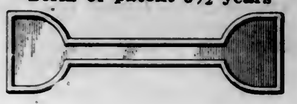
The ornamental design for a bottle, substantially as shown.

111,227
DESIGN FOR AN ASHTRAY
Martin Secan, Highland Park, Mich.
Application March 25, 1938, Serial No. 76,099
Term of patent 7 years



The ornamental design for an ashtray, substantially as shown and described.

111,228
DESIGN FOR A BELT BUCKLE
Reuben Slote, Mount Vernon, N. Y., assignor to Slote & Klein, Inc., a corporation of New Jersey
Application June 27, 1938, Serial No. 78,092
Term of patent 3½ years



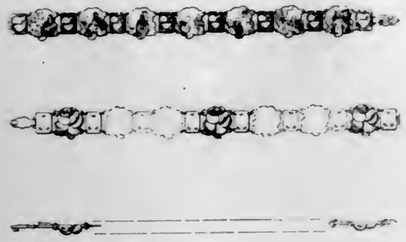
The ornamental design for a belt buckle, as shown.

111,229
DESIGN FOR A DRINKING GLASS
James E. Spence, Wheeling, W. Va., assignor to The Hazel-Atlas Glass Company, Wheeling, W. Va., a corporation of West Virginia
Application May 16, 1938, Serial No. 77,232
Term of patent 14 years



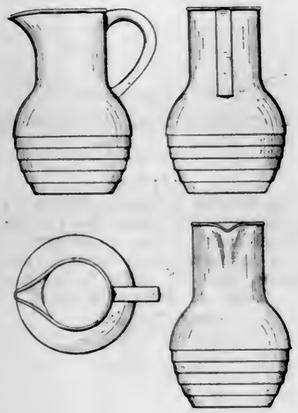
The ornamental design for a drinking glass, as shown.

111,230
DESIGN FOR A SEVEN SORROWS BRACELET OR SIMILAR ARTICLE
Joseph F. Stedman, Brooklyn, N. Y.
Application April 6, 1938, Serial No. 76,329
Term of patent 7 years



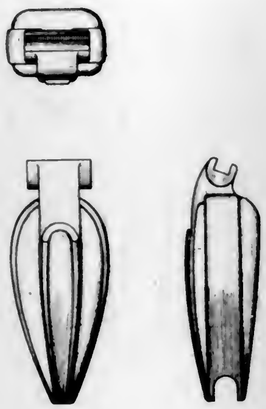
The ornamental design for a seven sorrows bracelet or similar article, as shown and described.

111,231
DESIGN FOR A PITCHER OR SIMILAR ARTICLE
Walter Karl Titze, Oklahoma City, Okla., assignor to Universal Potteries, Inc., Cambridge, Ohio, a corporation of Ohio
Application July 1, 1938, Serial No. 78,214
Term of patent 3½ years



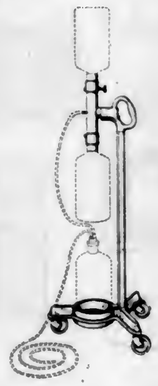
The ornamental design for a pitcher or similar article, as shown.

111,232
DESIGN FOR A CASING FOR SHAVING IMPLEMENTS
Everett Worthington, Scarsdale, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass., a corporation of Delaware
Application June 16, 1938, Serial No. 77,887
Term of patent 14 years



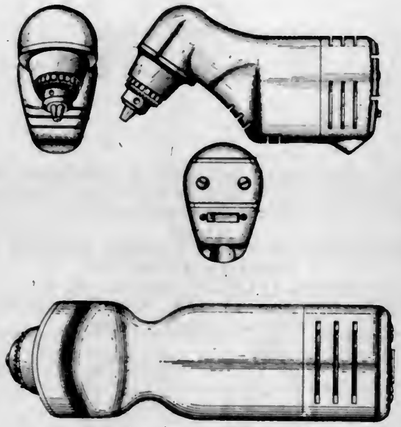
The ornamental design for a casing for shaving implements, as shown.

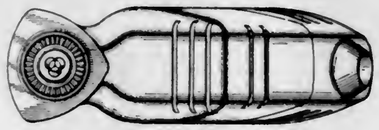
111,233
DESIGN FOR A SUCTION EVACUATOR FOR SURGICAL AND SIMILAR OPERATIONS
Scott M. Abbott, Chicago, Ill., assignor to The Burrows Company, Chicago, Ill., a corporation of Illinois
Application July 1, 1938, Serial No. 78,217
Term of patent 14 years



The ornamental design for a suction evacuator for surgical and similar operations, substantially as shown and described.

111,234
DESIGN FOR A PORTABLE POWER-DRIVEN TOOL UNIT
Frans O. Albertson, Sioux City, Iowa, assignor to Albertson & Company, Inc., Souix City, Iowa, a corporation of Iowa
Application July 16, 1938, Serial No. 78,546
Term of patent 14 years





The ornamental design for a portable power-driven tool unit, as shown.

111,235
DESIGN FOR A DRESS
Lise Abend Andors, New York, N. Y.
Application July 30, 1938, Serial No. 78,986
Term of patent 3½ years



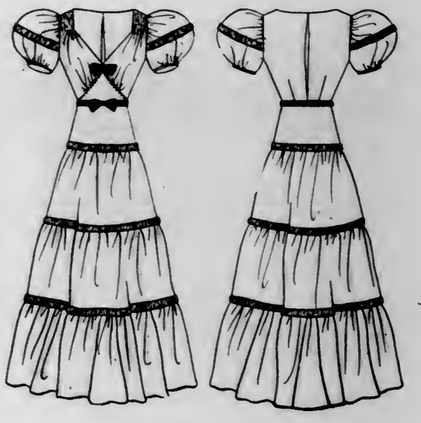
The ornamental design for a dress, substantially as shown.

111,236
DESIGN FOR A BOOK END
Edwin Beer, Athens, Ga.
Application June 7, 1938, Serial No. 77,642
Term of patent 3½ years



The ornamental design for a book end, substantially as shown and described.

111,237
DESIGN FOR A DRESS
Lillian Burke, New York, N. Y.
Application July 29, 1938, Serial No. 78,954
Term of patent 3½ years



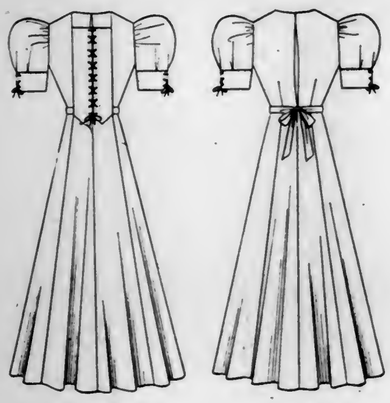
The ornamental design for a dress, substantially as shown.

111,238
DESIGN FOR A DRESS
Lillian Burke, New York, N. Y.
Application July 29, 1938, Serial No. 78,955
Term of patent 3½ years



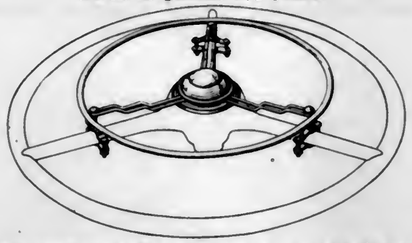
The ornamental design for a dress, substantially as shown, and described.

111,239
DESIGN FOR A DRESS
Lillian Burke, New York, N. Y.
Application July 29, 1938, Serial No. 78,956
Term of patent 3½ years



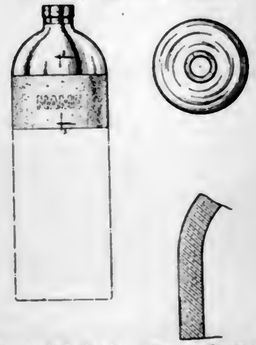
The ornamental design for a dress, substantially as shown.

111,240
DESIGN FOR A COMBINED STEERING WHEEL AND HORN RING
Irving R. Cheris, Chicago, Ill.
Application April 11, 1938, Serial No. 76,420
Term of patent 3½ years



The ornamental design for a combined steering wheel and horn ring, as shown and described.

111,241
DESIGN FOR A GLASS SIPHON BOTTLE OR SIMILAR ARTICLE
Thomas D'Addario, Astoria, N. Y.
Application July 15, 1937, Serial No. 70,467
Term of patent 7 years



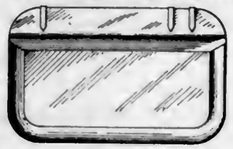
The ornamental design for a glass siphon bottle or similar article, as shown and described.

111,242
DESIGN FOR A BOTTLE
Walter S. Dunn, Danville, Ky.
Application June 29, 1938, Serial No. 78,147
Term of patent 14 years



The ornamental design for a bottle, as shown and described.

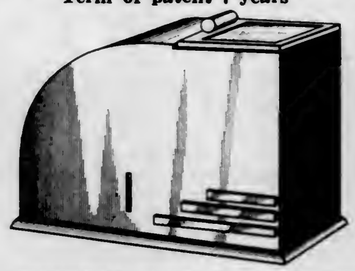
111,243
DESIGN FOR A MILK BOTTLE TRAY
James H. Everly, Wilmington, Calif.
Application July 6, 1937, Serial No. 70,270
Term of patent 14 years





The ornamental design for a milk bottle tray, as shown.

111,244
DESIGN FOR A PHOTOGRAPHIC PRINTER ENLARGER OR SIMILAR ARTICLE
Gustave Fassin, Irondequoit, N. Y., assignor to International Radio Corporation, Ann Arbor, Mich., a corporation of Michigan
Application May 3, 1938, Serial No. 76,957
Term of patent 7 years



The ornamental design for a photographic printer enlarger or similar article, substantially as shown and described.

111,245
DESIGN FOR A BASSINET
Abraham G. Feldman, Chicago, Ill.
Application May 13, 1938, Serial No. 77,174
Term of patent 3½ years



The ornamental design for a bassinet, as shown.

111,246
DESIGN FOR A BASSINET
Abraham G. Feldman, Chicago, Ill.
Application May 13, 1938, Serial No. 77,175
Term of patent 3½ years



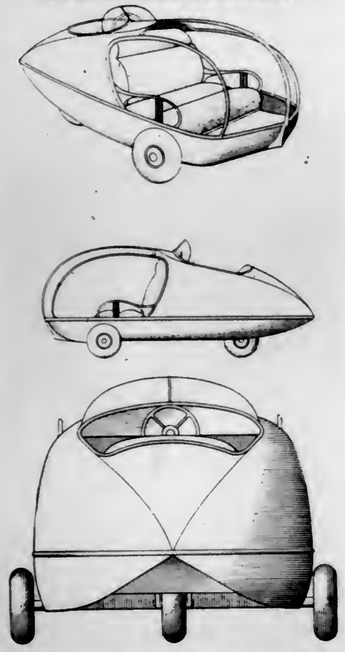
The ornamental design for a bassinet, as shown.

111,247
DESIGN FOR A BASSINET
Abraham G. Feldman, Chicago, Ill.
Application May 13, 1938, Serial No. 77,176
Term of patent 3½ years



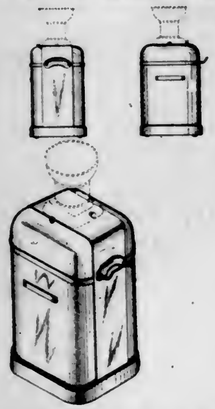
The ornamental design for a bassinet, as shown.

111,248
DESIGN FOR A PROPELLED VEHICLE
Hugh L. Forman, New York, N. Y.
Application January 5, 1938, Serial No. 74,099
Term of patent 3½ years



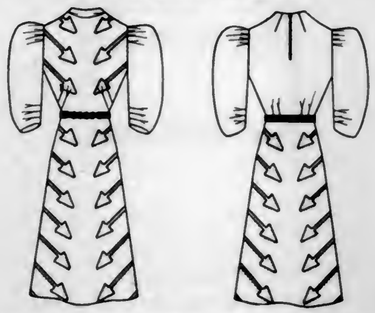
The ornamental design for a propelled vehicle, as shown.

111,249
DESIGN FOR A CABINET OR SIMILAR CONTAINER FOR LUBRICANTS
Alexander P. Fox, University City, Mo., assignor to Lincoln Engineering Company, St. Louis, Mo., a corporation of Missouri
Application January 10, 1938, Serial No. 74,185
Term of patent 7 years



The ornamental design for a cabinet or similar container for lubricants, substantially as shown and described.

111,250
DESIGN FOR A DRESS
Pauline Fracchia, New York, N. Y.
Application July 30, 1938, Serial No. 78,987
Term of patent 3½ years



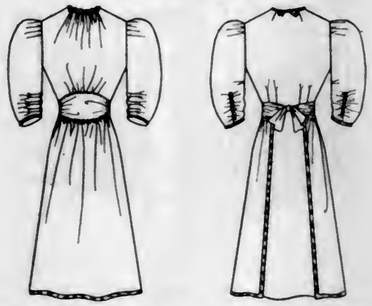
The ornamental design for a dress, substantially as shown.

111,251
DESIGN FOR A DRESS
Pauline Fracchia, New York, N. Y.
Application July 30, 1938, Serial No. 78,988
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,252
DESIGN FOR A DRESS
Pauline Fracchia, New York, N. Y.
Application July 30, 1938, Serial No. 78,989
Term of patent 3½ years



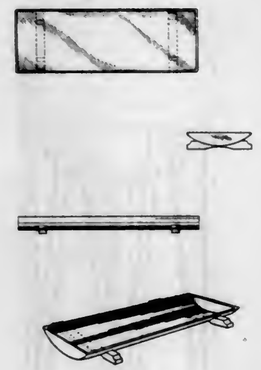
The ornamental design for a dress, substantially as shown.

111,253
DESIGN FOR A PRESERVING JAR
Nathaniel D. Grasty, Baltimore, Md., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York
Application April 22, 1937, Serial No. 68,937
Term of patent 3½ years



The ornamental design for a preserving jar, substantially as shown and described.

111,254
DESIGN FOR A ROASTING EAR DISH OR THE LIKE
Joseph E. Gugenheim, Indianapolis, Ind.
Application April 7, 1938, Serial No. 76,249
Term of patent 7 years



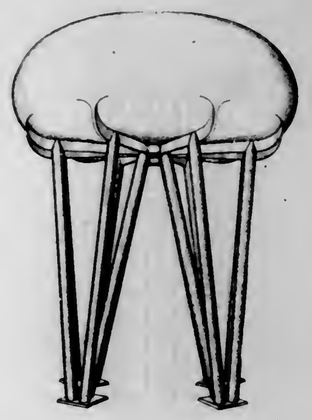
The ornamental design for a roasting ear dish or the like, as shown.

111,255
DESIGN FOR A PLATTER OR SIMILAR ARTICLE
George J. Higginson, New York, N. Y., assignor to Johnson Bros. (Hanley) Ltd., New York, N. Y., a corporation of Great Britain
Application May 5, 1938, Serial No. 77,007
Term of patent 14 years



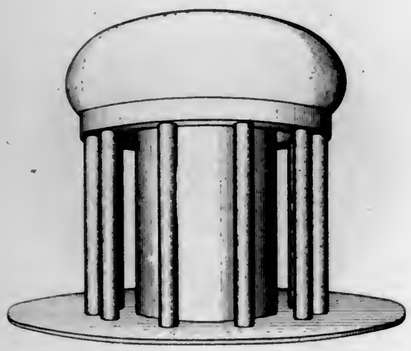
The ornamental design for a platter or similar article, as shown.

111,256
DESIGN FOR AN ELEVATED TANK
George T. Horton, Chicago, Ill., assignor to Chicago Bridge & Iron Company, a corporation of Illinois
Application July 11, 1938, Serial No. 78,408
Term of patent 14 years



The ornamental design for an elevated tank, as shown.

111,257
DESIGN FOR AN ELEVATED TANK
George T. Horton, Chicago, Ill., assignor to Chicago Bridge & Iron Company, a corporation of Illinois
Application July 13, 1938, Serial No. 78,451
Term of patent 14 years



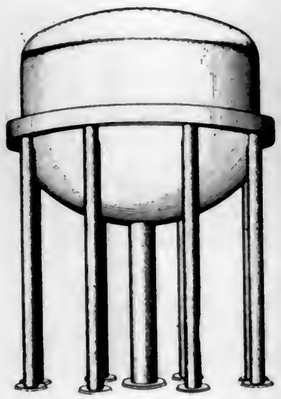
The ornamental design for an elevated tank, as shown.

111,258
DESIGN FOR AN ELEVATED TANK
George T. Horton, Chicago, Ill., assignor to Chicago Bridge & Iron Company, a corporation of Illinois
Application July 15, 1938, Serial No. 78,522
Term of patent 14 years



The ornamental design for an elevated tank, as shown.

111,259
DESIGN FOR AN ELEVATED TANK
George T. Horton, Chicago, Ill., assignor to Chicago Bridge & Iron Company, a corporation of Illinois
Application July 16, 1938, Serial No. 78,536
Term of patent 14 years



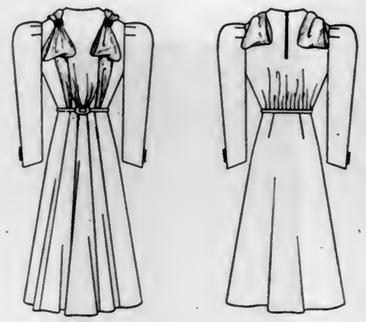
The ornamental design for an elevated tank, as shown.

111,260
DESIGN FOR AN ELEVATED TANK
George T. Horton, Chicago, Ill., assignor to Chicago Bridge & Iron Company, a corporation of Illinois
Application July 18, 1938, Serial No. 78,551
Term of patent 14 years



The ornamental design for an elevated tank, as shown.

111,261
DESIGN FOR A DRESS
Louis Hymen, New York, N. Y.
Application July 30, 1938, Serial No. 78,992
Term of patent 3½ years



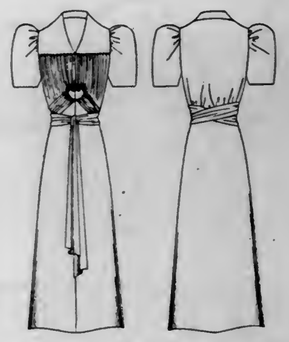
The ornamental design for a dress, substantially as shown.

111,262
DESIGN FOR A KEY CHARM
Melvin Jones, Chicago, Ill., assignor to International Association of Lions Clubs, Chicago, Ill., a corporation of Illinois
Application June 24, 1938, Serial No. 78,012
Term of patent 14 years



The ornamental design for a key charm, as shown.

111,263
DESIGN FOR A DRESS
Florence Laye, New York, N. Y.
Application August 3, 1938, Serial No. 79,048
Term of patent 3½ years



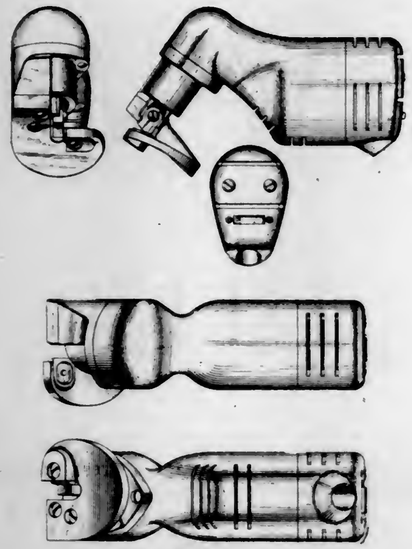
The ornamental design for a dress, substantially as shown.

111,264
DESIGN FOR A DRESS
Florence Laye, New York, N. Y.
Application August 3, 1938, Serial No. 79,050
Term of patent 3½ years



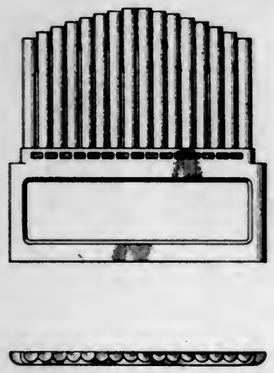
The ornamental design for a dress, substantially as shown.

111,265
DESIGN FOR A PORTABLE POWER-DRIVEN TOOL UNIT
Frans O. Albertson, Sioux City, Iowa, assignor to Albertson & Company, Inc., Sioux City, Iowa, a corporation of Iowa
Application July 16, 1938, Serial No. 78,547
Term of patent 14 years



The ornamental design for a portable power-driven tool unit, as shown.

111,266
DESIGN FOR AN ESCUTCHEON PLATE FOR A COMBINED RADIO TUNING DIAL AND CONTROL PANEL OR THE LIKE
Le Roy J. Leishman, Los Angeles, Calif.
Application October 25, 1937, Serial No. 72,421
Term of patent 7 years



The ornamental design for an escutcheon plate for a combined radio tuning dial and control panel, or the like, substantially as shown.

111,267
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Robert Scheiwiller, Union City, N. J., assignor to Ellen Lace & Embroidery Co., Inc., New York, N. Y., a corporation of New York
Application August 5, 1938, Serial No. 79,113
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, substantially as shown and described.

111,268
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Robert Scheiwiller, Union City, N. J., assignor to Ellen Lace & Embroidery Co., Inc., New York, N. Y., a corporation of New York
Application August 5, 1938, Serial No. 79,115
Term of patent 3½ years



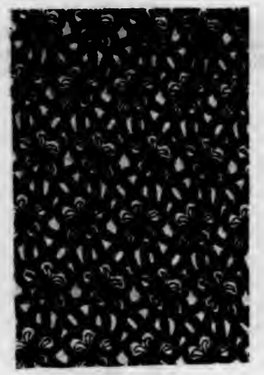
The ornamental design for a textile fabric or similar article, substantially as shown and described.

111,269
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Robert Scheiwiller, Union City, N. J., assignor to Ellen Lace & Embroidery Co., Inc., New York, N. Y., a corporation of New York
Application August 5, 1938, Serial No. 79,116
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, substantially as shown and described.

111,270
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Robert Scheiwiller, Union City, N. J., assignor to Ellen Lace & Embroidery Co., Inc., New York, N. Y., a corporation of New York
Application August 5, 1938, Serial No. 79,117
Term of patent 3½ years



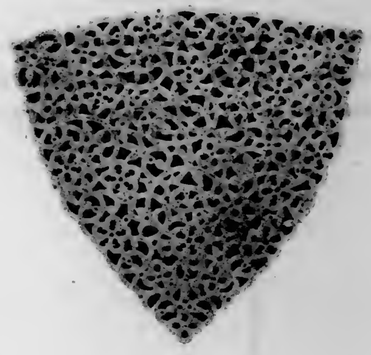
The ornamental design for a textile fabric or similar article, substantially as shown and described.

111,271
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Robert Scheiwiller, Union City, N. J., assignor to Ellen Lace & Embroidery Co., Inc., New York, N. Y., a corporation of New York
Application August 5, 1938, Serial No. 79,118
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, substantially as shown and described.

111,272
DESIGN FOR A LACE CAPELET OR SIMILAR ARTICLE
Robert Scheiwiller, Union City, N. J., assignor to Ellen Lace & Embroidery Co., Inc., New York, N. Y., a corporation of New York
Application August 6, 1938, Serial No. 79,155
Term of patent 3½ years



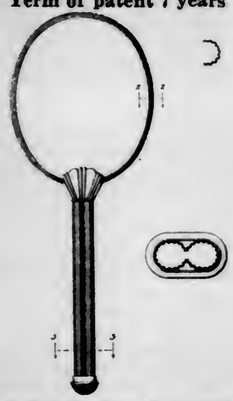
The ornamental design for a lace capelet or similar article, substantially as shown and described.

111,273
DESIGN FOR A POKER CHIP OR SIMILAR ARTICLE
Fred William Voges, Ozone Park, N. Y.
Application June 18, 1938, Serial No. 77,928
Term of patent 14 years



The ornamental design for a poker chip or similar article, substantially as shown.

111,274
DESIGN FOR A COMBINED HANDLE AND FRAME FOR MIRROR OR SIMILAR ARTICLE
Harry S. Berk, Brooklyn, N. Y.
Application June 25, 1938, Serial No. 78,058
Term of patent 7 years



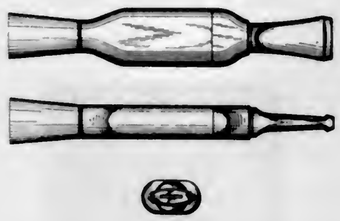
The ornamental design for a combined handle and frame for mirror or similar article, as shown and described.

111,275
DESIGN FOR A HANDKERCHIEF CASE OR SIMILAR ARTICLE
Santa Biondo and Ann M. Langen, New York, N. Y.
Application July 7, 1938, Serial No. 78,318
Term of patent 3½ years



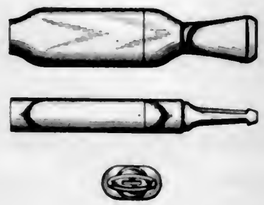
The ornamental design for a handkerchief case or similar article, substantially as shown.

111,276
DESIGN FOR A CIGAR HOLDER
Giuseppe Cippico, Rome, Italy
Application May 27, 1938, Serial No. 77,428
Term of patent 14 years



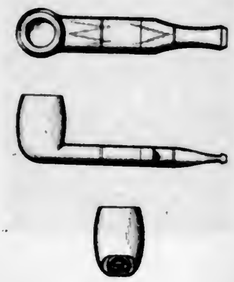
The ornamental design for a cigar holder, substantially as shown.

111,277
DESIGN FOR A CIGARETTE HOLDER
Giuseppe Cippico, Rome, Italy
Application May 27, 1938, Serial No. 77,430
Term of patent 14 years



The ornamental design for a cigarette holder, substantially as shown.

111,278
DESIGN FOR A SMOKING PIPE
Giuseppe Cippico, Rome, Italy
Application May 27, 1938, Serial No. 77,432
Term of patent 14 years



The ornamental design for a smoking pipe, substantially as shown.

111,279
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Newton Elkin, Philadelphia, Pa.
Application August 12, 1938, Serial No. 79,280
Term of patent 3½ years



The ornamental design for a shoe or similar article, substantially as shown.

111,280
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Newton Elkin, Philadelphia, Pa.
Application August 12, 1938, Serial No. 79,281
Term of patent 3½ years



The ornamental design for a shoe or similar article, substantially as shown.

111,281
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Newton Elkin, Philadelphia, Pa.
Application August 12, 1938, Serial No. 79,283
Term of patent 3½ years



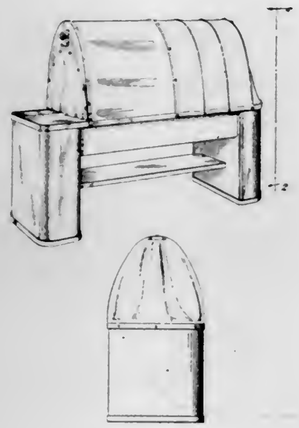
The ornamental design for a shoe or similar article, substantially as shown.

111,282
DESIGN FOR A CHILD'S COAT
Benjamin Fischer, New York, N. Y.
Application July 19, 1938, Serial No. 78,580
Term of patent 3½ years



The ornamental design for a child's coat, substantially as shown and described.

111,283
DESIGN FOR A COMBINED MASSAGE TABLE AND BATH CABINET
Israel C. Gellman, Rock Island, Ill., assignor to Gellman Manufacturing Company, Rock Island, Ill., a corporation of Illinois
Application June 27, 1938, Serial No. 78,098
Term of patent 7 years



The ornamental design for a combined massage table and bath cabinet, as shown.

111,284
DESIGN FOR A HANDBAG
Samuel R. Goldsmith, New York, N. Y.
Application August 11, 1938, Serial No. 79,255
Term of patent 3½ years



The ornamental design for a handbag, substantially as shown.

111,285
DESIGN FOR A MAILING FOLDER
Michael Jackson, Chicago, Ill.
Application April 6, 1938, Serial No. 76,331
Term of patent 3½ years



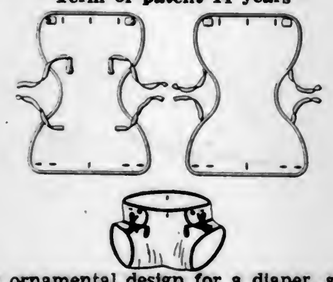
The ornamental design for a mailing folder, as shown.

111,286
DESIGN FOR A SLIP
Sam Landau, New York, N. Y.
Application August 3, 1938, Serial No. 79,060
Term of patent 3½ years



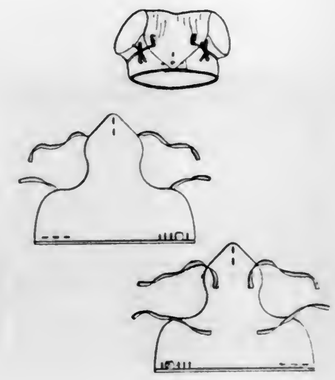
The ornamental design for a slip, substantially as shown.

111,287
DESIGN FOR A DIAPER
John R. Lankenau, Brighton, Mass.
Application June 14, 1938, Serial No. 77,827
Term of patent 14 years



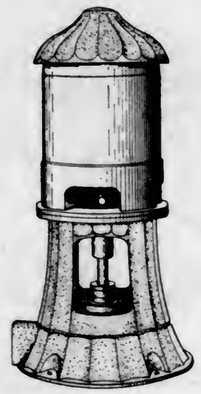
The ornamental design for a diaper, substantially as shown and described.

111,288
DESIGN FOR A DIAPER
John R. Lankenau, Brighton, Mass.
Application June 14, 1938, Serial No. 77,828
Term of patent 14 years



The ornamental design for a diaper, substantially as shown and described.

111,289
DESIGN FOR A PUMPING UNIT OR SIMILAR ARTICLE
Charles E. Mowry, Berkeley, Calif., assignor to James N. Gilman, Oakland, Calif.
Application February 5, 1938, Serial No. 74,906
Term of patent 14 years



The ornamental design for a pumping unit or similar article, substantially as shown and described.

111,290
DESIGN FOR A LACE SCARF OR SIMILAR ARTICLE
Hans Albert Philips, Stratford, Conn, assignor to The American Fabrics Company, Bridgeport, Conn., a corporation of Connecticut
Application June 30, 1938, Serial No. 78,163
Term of patent 14 years



The ornamental design for a lace scarf or similar article, substantially as shown.

111,291
DESIGN FOR LACE
Hans Albert Philips, Stratford, Conn, assignor to The American Fabrics Company, Bridgeport, Conn., a corporation of Connecticut
Application June 30, 1938, Serial No. 78,165
Term of patent 14 years



The ornamental design for lace, substantially as shown.

111,292
DESIGN FOR LACE
Hans Albert Philips, Stratford, Conn., assignor to The American Fabrics Company, Bridgeport, Conn., a corporation of Connecticut
Application June 30, 1938, Serial No. 78,167
Term of patent 14 years



The ornamental design for lace, substantially as shown.

111,293
DESIGN FOR A COAT
Max L. Romer, New York, N. Y.
Application August 3, 1938, Serial No. 79,056
Term of patent 3½ years



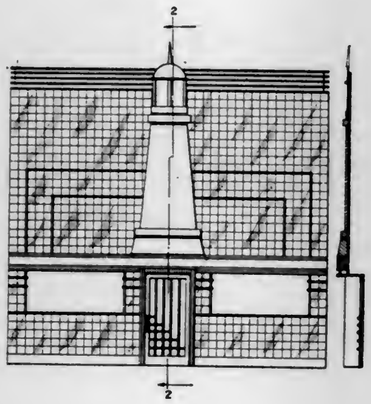
The ornamental design for a coat, substantially as shown.

111,294
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application August 3, 1938, Serial No. 79,058
Term of patent 3½ years



The ornamental design for a coat, substantially as shown.

111,295
DESIGN FOR A STORE FRONT
Raymond E. Smith, Joliet, Ill.
Application April 14, 1937, Serial No. 68,745
Term of patent 14 years



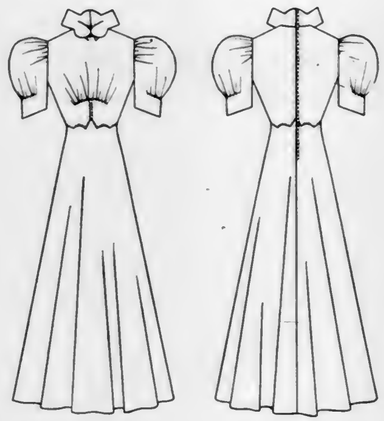
The ornamental design for a store front, substantially as shown.

111,296
DESIGN FOR A COMBINED DIAL AND HANDS FOR A CLOCK OR SIMILAR ARTICLE
Henry A. Barge, La Crosse, Wis.
Application April 26, 1938, Serial No. 76,759
Term of patent 14 years



The ornamental design for a combined dial and hands for a clock or similar article, as shown and described.

111,297
DESIGN FOR A DRESS
Joseph Brenner, New York, N. Y.
Application August 3, 1938, Serial No. 79,053
Term of patent 3½ years



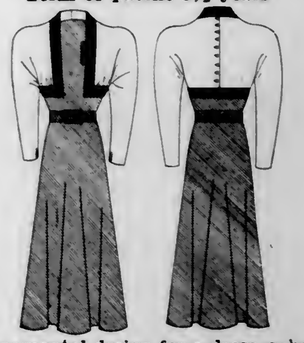
The ornamental design for a dress, substantially as shown.

111,298
DESIGN FOR A DRESS
Tora Coleman, New York, N. Y.
Application August 6, 1938, Serial No. 79,145
Term of patent 3½ years



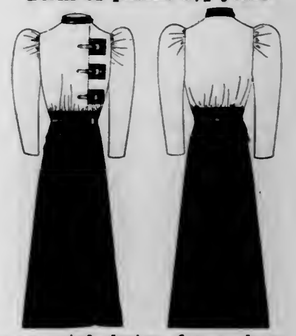
The ornamental design for a dress, substantially as shown.

111,299
DESIGN FOR A DRESS
Tora Coleman, New York, N. Y.
Application August 6, 1938, Serial No. 79,146
Term of patent 3½ years



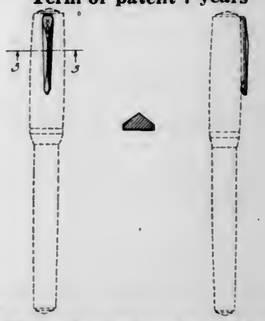
The ornamental design for a dress, substantially as shown.

111,300
DESIGN FOR A DRESS
Tora Coleman, New York, N. Y.
Application August 11, 1938, Serial No. 79,237
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

111,301
DESIGN FOR A FOUNTAIN PEN
Ned D. Fish and Max Oehler, Fort Madison, Iowa, assignors to W. A. Sheaffer Pen Company, Fort Madison, Iowa, a corporation of Delaware
Application August 13, 1937, Serial No. 71,062
Term of patent 7 years



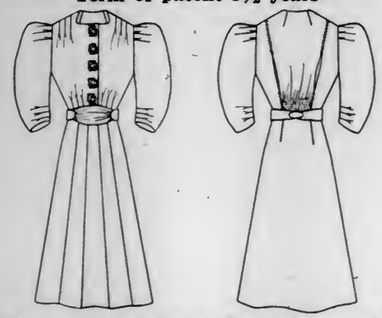
The ornamental design for a fountain pen, substantially as shown and described.

111,302
DESIGN FOR A DRESS
Pauline Fracchia, New York, N. Y.
Application August 5, 1938, Serial No. 79,119
Term of patent 3½ years



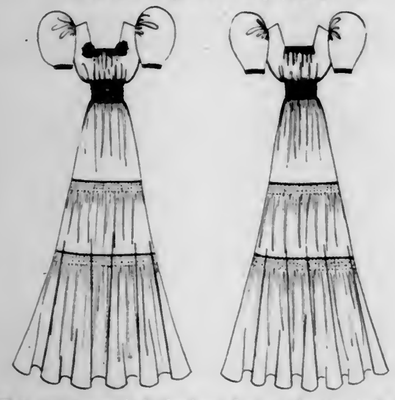
The ornamental design for a dress, substantially as shown.

111,303
DESIGN FOR A DRESS
Pauline Fracchia, New York, N. Y.
Application August 5, 1938, Serial No. 79,122
Term of patent 3½ years



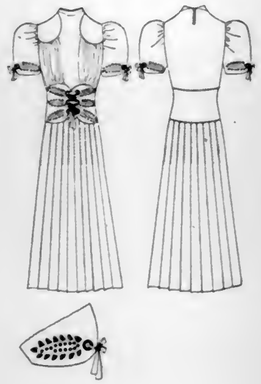
The ornamental design for a dress, substantially as shown and described.

111,304
DESIGN FOR A DRESS
Benjamin Fried, New York, N. Y.
Application August 13, 1938, Serial No. 79,328
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,305
DESIGN FOR A DRESS
Lola Gold, New York, N. Y.
Application August 6, 1938, Serial No. 79,143
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,306
DESIGN FOR A DRESS
Lola Gold, New York, N. Y.
Application August 6, 1938, Serial No. 79,144
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,307
DESIGN FOR A DRESS
Jacob J. Kushner, New York, N. Y.
Application August 11, 1938, Serial No. 79,233
Term of patent 3½ years



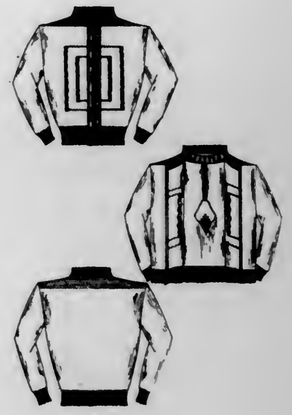
The ornamental design for a dress, substantially as shown.

111,308
DESIGN FOR A DRESS
Jacob J. Kushner, New York, N. Y.
Application August 11, 1938, Serial No. 79,234
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,309
DESIGN FOR A SWEATER
Sam Levine, New York, N. Y.
Application July 12, 1938, Serial No. 78,414
Term of patent 3½ years



The ornamental design for a sweater, substantially as shown.

111,310
DESIGN FOR A DRESS
Esther Mast, New York, N. Y.
Application August 6, 1938, Seral No. 79,140
Term of patent 3½ years



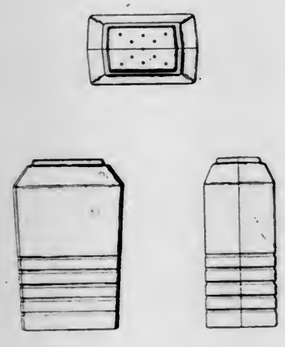
The ornamental design for a dress, substantially as shown and described.

111,311
DESIGN FOR A MILK BOTTLE
William C. Teunisz, Grand Rapids, Mich.
Application April 8, 1938, Serial No. 76,385
Term of patent 14 years



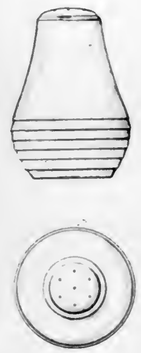
The ornamental design for a milk bottle, as shown and described.

111,312
DESIGN FOR A CONDIMENT CONTAINER OR SIMILAR ARTICLE
Walter Karl Titze, Oklahoma City, Okla., assignor to Universal Potteries, Inc., Cambridge, Ohio, a corporation of Ohio
Application July 1, 1938, Serial No. 78,210
Term of patent 3½ years



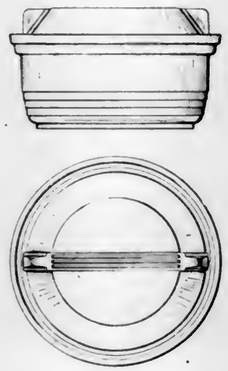
The ornamental design for a condiment container or similar article, as shown.

111,313
DESIGN FOR A CONDIMENT CONTAINER OR SIMILAR ARTICLE
Walter Karl Titze, Oklahoma City, Okla., assignor to Universal Potteries, Inc., Cambridge, Ohio, a corporation of Ohio
Application July 1, 1938, Serial No. 78,211
Term of patent 3½ years



The ornamental design for a condiment container or similar article, as shown.

111,314
DESIGN FOR A CASSEROLE OR SIMILAR ARTICLE
Walter Karl Titze, Oklahoma City, Okla., assignor to Universal Potteries, Inc., Cambridge, Ohio, a corporation of Ohio
Application July 1, 1938, Serial No. 78,216
Term of patent 3½ years



The ornamental design for a casserole or similar article, as shown.

Patents Nos. 2,130,333 to 2,131,018

THE OFFICIAL GAZETTE OF THE United States Patent Office

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September 20, 1938

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Reissues	7—No.	20,861 to No.	20,867, inclusive.
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Total	1,210		

Trade-Mark Practice—Rule 60

Rule 60 of the rules of the Patent Office relating to the registration of trade-marks will be construed with reference to the rules in equity suits in the United States courts in effect prior to the adoption of the new rules of civil procedure. Accordingly, pleadings and procedure with respect to oppositions and applications for cancelation will not be affected by the new rules.

LESLIE FRAZER,
Assistant Commissioner.

Notice of Cancellation

U. S. PATENT OFFICE, *Washington, D. C., Aug. 27, 1938.*

Felix Hertz, his assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Oshkosh Trunks, Inc., Oshkosh, Wis., to effect the cancellation of trade-mark registration No. 180,895, issued March 11, 1924, to Felix Hertz, 60–62 Lispenard Street, New York, N. Y., and a notice of such proceeding sent by registered mail to said Felix Hertz at said address having been returned by the post office as undeliverable, notice is hereby given that unless said Felix Hertz, his assigns or legal representatives, shall enter an appearance within thirty days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Notice

Rule 13 of the Rules of Practice, U. S. Patent Office, reads as follows:

"13. Interviews with *Examiners* concerning applications and other matters pending before the office must be had in the Examiners' rooms at such times, within office hours, as the respective Examiners may designate; in the absence of the *Primary Examiners*, with the assistant in charge. Interviews will not be permitted at any other time or place without the *written* authority of the Commissioner. Interviews for the discussion of pending applications will not be had prior to the first official action thereon."

The "Examiners" referred to are the Primary Examiners. The "assistant in charge" refers to the present assistant chiefs or such other assistant as may be designated to be in charge of the division.

Conditions with which the Patent Office is faced require that this rule be strictly enforced.

JUSTIN W. MACKLIN,
Acting Commissioner.

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,927,474, Robert Trucksess, Lamp circuit, decided July 15, 1938, claim 1.

Pat. 2,030,307, F. H. MacLaren, Manufacture of pour point depressors, decided July 14, 1938, claims 1, 2, 3, 4, and 7.

Pat. 2,047,992, E. R. Berk, Highway guard, decided September 1, 1938, claims 1, 2, 3, 4, 5, 7, and 9.

Pat. 2,064,003, Max Hopp, Transfer set, decided August 29, 1938, claims 3 and 4.

Pat. 2,106,326, R. M. McFadden, Curler pad, decided August 22, 1938, claims 2 and 3.

Adjudicated Patents

(D. C. Pa.) Doering patent, No. 1,941,432, for metallic window structure, claims 2, 3, 4, 6, 8, 9, 10, 16, 17, and 18 *Held* invalid. *J. S. Thorn Co.* v. *Michael Flynn Mfg. Co.*, 23 F. Supp. 731.

(C. C. A. Calif.) Richardson and Boyd patent, No. 1,976,141, for method of producing orthodontic band brackets, claim 2 *Held* invalid. *Angle* v. *Richardson*, 97 F.(2d) 736.

Condition of Applications Under Examination at Close of Business September 3, 1938

(Total number of applications awaiting action, excluding Trade-Mark Division, 50,715; Trade-Mark Division, 1,356. Oldest new case, Dec. 1, 1937; oldest amended, Nov. 13, 1937.)
(The dates given are 1938 except where † indicates 1937.)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Mar. 19	Mar. 19	861
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Apr. 1	Apr. 4	1,048
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	June 1	June 3	536
7083	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Apr. 18	Apr. 27	560
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	May 27	Mar. 25	667
4998C	6. LEWERS, A. M., Carbon Chemistry (part)	Mar. 15	Mar. 8	1,220
5725	7. JARBOE, C. G., Optics; Photography	May 18	May 18	955
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Feb. 7	Feb. 19	953
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	June 1	June 1	426
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies and Tops; Vehicle Fenders; Spring Devices.	Apr. 18	Apr. 21	801
5087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	May 13	May 14	530
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	Jan. 14	Jan. 14	910
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Apr. 7	Apr. 7	573
5097	14. SMITH, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	June 9	June 8	546
4897	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Apr. 20	Apr. 20	1,203
5716	16. SPENCER, C. J., Telegraphy; Telephony	Mar. 19	Mar. 19	962
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Apr. 5	Apr. 11	844
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Apr. 14	Apr. 4	564
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Apr. 9	Apr. 9	611
6606	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Mar. 10	Mar. 7	563
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	May 21	June 3	514
5600	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	May 20	May 21	696
7624	23. BUTTNER, W. J., Registers (part)	†Dec. 1	†Nov. 13	330
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	May 31	June 3	663
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	May 6	May 5	654
6893	26. YOUNG, R. R., Electricity, Generation; Motive Power	May 3	May 3	611
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Mar. 4	Mar. 4	1,342
4628	28. SOLYOM, H. L., Internal-Combustion Engines	Mar. 17	Mar. 4	591
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Mar. 17	Mar. 15	913
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Mar. 4	Mar. 4	888
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	June 4	June 4	638
4096	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	May 11	May 10	627
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	May 18	May 11	958
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	May 18	May 10	421
3876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Apr. 29	Apr. 15	378
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Mar. 7	Mar. 15	658
5896B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Mar. 9	Feb. 24	1,028
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stoneworking; Walls; Plastic Compositions.	Jan. 24	Jan. 27	868
4878	39. WHITNEY, F. L., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Apr. 12	Apr. 8	688
7890	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Mar. 29	Mar. 29	1,513
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	May 6	May 10	316
5882	42. CUTTING, H. O., Electric Signaling	Feb. 11	Jan. 5	867
4896B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	May 10	May 11	589
4087B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Apr. 6	Apr. 6	739
7063	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Mar. 31	Apr. 14	860
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Apr. 13	Apr. 21	647
6082	47. LOWE, E. R. (Act.), Clutches; Brakes	Apr. 27	Apr. 27	738
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	May 25	May 23	558
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Feb. 16	Feb. 24	1,005
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Mar. 10	Mar. 10	1,079
5628	51. BACKUS, C. D., Radiant Energy	May 23	May 23	862
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	May 23	May 28	877
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	May 3	May 10	668
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	June 20	June 20	547
6883	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Mar. 16	Mar. 17	1,278
4726	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Apr. 3	Apr. 3	1,103
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Apr. 11	Mar. 28	541
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	May 3	May 6	477
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	May 10	May 5	815
5806	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Apr. 15	Apr. 20	555
6724	61. PARKS, G. E., Laminated Electrical Insulation; Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Mar. 16	Mar. 16	795
5621	62. PUGH, E. C., Games; Geometrical Instruments	May 10	May 7	671
4588	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	May 6	May 10	515
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel	Apr. 13	Apr. 13	1,200
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Mar. 4	Mar. 2	766
2099B	Trade-Marks, Labels, and Prints: F. A. RICHMOND {Trade-Marks	Aug. 3	Aug. 19	1,187
	{Labels and Prints	Aug. 1	Aug. 17	169
2606	Designs: H. H. KALUPY	July 27	Aug. 13	790

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE HOFMANN

No. 3,917. Decided March 28, 1938

[95 F.(2d) 257]

PATENTABILITY—PHARMACEUTICAL CONTAINER.

Claims for a container for pharmaceutical preparations *Held* patentable.

APPEAL from Patent Office. Reversed.

BLAND, *J.*, dissenting.

Mr. Irving F. Goodfriend for Hofmann.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

HATFIELD, *J.*:

This is an appeal from the decision of the Board of Appeals of the United States Patent Office affirming the decision of the Primary Examiner rejecting all of the claims—19 to 26, inclusive—in appellant's application for a patent for an alleged invention relating to improvements in pharmaceutical containers for poisonous substances.

Claims 19, 20, and 21 are illustrative. They read:

19. In a container for pharmaceutical preparations having a base, an indicating outer bounding surface upstanding vertically from the base, any vertical cross section of which bounding surface is substantially parabolic or hyperbolic in form whereby the resultant force on the hand effected by grasping any part of said bounding surface with the hand is upwardly along the said surface to thereby direct the hand upwardly along the surface.

20. In a container for pharmaceutical preparations having a base, an indicating outer bounding surface extending vertically uniformly upwardly and inwardly from the base to an apex, the apex angle of any vertical cross section of which surface is of a magnitude not less than approximately 60 degrees.

21. In a container for pharmaceutical preparations having a base, an indicating outer bounding surface extending uniformly upwardly and inwardly from the base to an apex, the apex angle of any vertical cross section of which surface is of such magnitude that the resultant force on the hand effected by grasping the said surface with the hand is upwardly along said surface to thereby direct the hand upwardly along the surface.

The references are: Larkin, 412,396, October 8, 1889; Gregory, 1,416,347, May 16, 1922.

The object of appellant's invention, as stated in his application, was to provide a container for poisonous substances of such form and shape as to make it difficult, if not impossible, to grasp and lift it in the ordinary manner, thus preventing the unintentional use of its contents.

As indicated in the quoted claims, one form of appellant's container is that of a "flat pyramid," and the other is substantially conical in shape. The containers are without "necks," "lips," or other appendages by means of which they might be lifted.

The patent to Larkin relates to improvements in ink stands.

The Gregory patent relates to improvements in bottles.

The disclosures in the references have necks and lips by means of which the articles may be easily lifted from their supporting surfaces.

In his statement accompanying the appeal to the Board of Appeals, the Examiner said:

The rejection of the claims *rests primarily upon the Examiner's opinion that the shapes adopted by applicant are obvious and* are *merely shapes that could be provided at any time any one felt the need of a bottle of such a shape as to prevent one from lifting the bottle from its supporting surface by grasping the side surfaces of the bottle in the usual way in which bottles are handled.* It seems to be well known that objects presenting exterior surfaces corresponding with relatively flat cones and pyramids are difficult to pick up when they rest on a supporting surface on their bases.

The claims were also not considered patentable over such patents as Larkin and Gregory. These patents show bottles of shapes very similar to applicant's *except they are provided with neck portions enabling one to easily lift them from a supporting surface.* The results that would follow from omitting the neck portions of these bottles and making them in the exact shape of a pyramid or a cone seem to be obvious. [Italics ours.]

In its decision affirming the decision of the Primary Examiner, the Board of Appeals referred to the fact that it was common practice to use bottles of various shapes and color for the holding of poisonous preparations so that the accidental use of such preparations might be prevented, and said:

In the present case, appellant has made the bottle in the *shape of a flat pyramid so that it will be impossible to grasp the bottle between the fingers and lift it from its support.* Certain of the claims call for a bottle of pyramidical shape and some of these claims call for curved walls.

Each of the references of record shows bottles having the same general shape, *but each also shows a neck portion by which it would be possible to lift the bottles if it was so desired.* The differences between these patented bottles and that defined in the appealed claims are very small and they relate more to the shape or external appearance than they do to strictly mechanical features. [Italics ours.]

It will be observed that each of the tribunals of the Patent Office called attention to the fact that the references disclosed containers provided with neck portions by means of which they could be readily lifted. Each concluded, however, that the differences between appellant's containers and those disclosed in the references were not sufficient upon which to base a finding of patentability.

Having in mind the purpose for which appellant's containers were designed, we are unable to concur in the views expressed by the Patent Office tribunals that the references are sufficient to negative patentability of the appealed claims.

It is conceded that appellant's containers are novel and useful, and we find nothing in the references to suggest appellant's structures.

The only other ground of rejection appears in the quoted excerpt from the Examiner's statement. It is there stated, in substance, that, once having the idea of designing a bottle that could not be readily lifted from its supporting surface, it would be obvious to select the forms and shapes selected and disclosed by appellant.

It appears, therefore, that the Primary Examiner divided appellant's mental concept into two parts, and, having in mind the first part (a container that could not be lifted from its support in the ordinary manner), reasoned that it would not involve invention to select a shape or form that could not be lifted.

The fallacy of the Examiner's position, as we see it, is that he assumed that the first part of appellant's mental concept was disclosed in the prior art.

The idea is novel and originated with appellant. His creative concept should, therefore, be considered in its entirety in order to determine whether the solution of the problem confronting him (that of providing a container that would prevent the unintentional use of poisonous preparations) involves invention. The problem was solved by providing containers for poisonous substances of such shape and form as to make it impossible, as stated in substance by the Board of Appeals, to grasp them between the fingers and lift them.

We are of opinion that, on the record presented, appellant's contribution to the art involves invention, and that he is entitled to a patent.

The decision is reversed.

Reversed.

BLAND, *J.*, dissents.

U. S. Court of Customs and Patent Appeals

STEENSTRUP *v.* HEATH

No. 3,940. Decided March 28, 1938.

[95 F.(2d) 514]

1. INTERFERENCE—PRIORITY — TESTIMONY — CORROBORATION.

"There being no evidence of record corroborative of appellee's testimony that his evaporators were successfully operated, we must hold that the evidence is wholly insufficient to establish that appellee constructed and successfully operated evaporators in conformity with the method defined in the appealed count."

2. SAME—SAME.

Where H., the junior party, was the first to conceive the invention but whose testimony was insufficient to establish a reduction to practice of the invention prior to the filing date of S., the senior party, *Held* that in view of H.'s inactivity from a time prior to that date until he filed his application priority should have been awarded to S.

APPEAL from the Patent Office. Reversed.

Mr. F. Gerald Toye, *Mr. A. D. Salinger* and *Mr. Harry E. Dunham*, (*Mr. H. L. Kirkpatrick* and *Mr. Edwin L. Rich* of counsel) for Steenstrup.

Mr. George H. Strickland for Heath.

HATFIELD, *J.*:

This is an appeal in an interference proceeding from the decision of the Board of Appeals of the United States Patent Office affirming the decision of the Examiner of Interferences awarding priority of invention to appellee the junior party.

The interference is between appellant's application No. 389,050, filed August 28, 1929, and appellee's application No. 510,688, filed January 23, 1931.

The invention in issue relates to a method of manufacturing an expansion chamber (evaporator) for a mechanical refrigerating apparatus, as defined in the single count in issue.

The count originated in appellee's application. It reads:

The method of manufacturing an expansion chamber for a mechanical refrigerating machine, comprising, first corrugating one of two walls, then welding the two walls together between the corrugations and at or near their peripheries, and then bending the integral construction to form a plurality of walls of a sharp freezing chamber adapted to receive a receptacle.

Appellee being the junior party, the burden was upon him to establish priority of invention by a preponderance of the evidence.

It is conceded by counsel for appellant that appellee was the first to conceive the invention, and it is agreed by counsel for the parties that the sole issue in the case is whether appellee successfully reduced the invention to practice prior to May 1, 1928. If he did, he is entitled to an award of priority. If he did not, due to his lack of activity subsequent to May 1, 1928, and prior to the filing of his application (January 23, 1931), he is not entitled to such an award, and the decision of the Board of Appeals should be reversed.

It appears from the record that appellee was a "refrigeration engineer" of considerable experience, and had spent considerable time and effort in the so-called sheet metal evaporator art; that, on April 6, 1925, he filed an application for a patent disclosing a sheet metal evaporator; that, on August 27, 1929, that application matured into Patent No. 1,726,486; that, on September 8, 1930, he filed an application for the reissue of that patent; that a reissue patent—No. 18,253—was issued November 17, 1931; and that, although his applications disclosed a sheet metal evaporator, they did not disclose the invention here involved.

During the period from January 1, 1928, to May 1, 1928, appellee was engaged in the development of an evaporator at St. Louis, Mo., and was being financed by the witness J. H. Frier, Jr., who at that time was president of the Frier-Sturges Company.

Relative to his activities during that period, appellee testified that he developed and had constructed two evaporators in conformity with the method defined in the involved count; that the evaporators were made by the General Metals Products Company, in conformity with appellee's instructions; and that at least one of those evaporators was installed in a mechanical refrigerating apparatus.

The witness identified Exhibits Nos. 6 and 7.

Exhibit No. 6 is a photograph of two household refrigerators, and shows one of the evaporators, said to have been made in conformity with the involved invention by the General Metals Company for appellee, installed in one of the refrigerators. The evaporator is identified by the reference character "A."

Exhibit No. 7 was identified by appellee and the witness J. H. Frier, Jr., as one of the evaporators made for appellee by the General Metals Products Company. It was said to be similar to the one shown in Exhibit No. 6.

Appellee stated that the refrigerator shown in Exhibit No. 6, of which his evaporator was a part, was successfully operated for a considerable period of time during the period from January 1 to May 1, 1928. Just when it was operated during that period, he did not state.

Mr. Frier, whose testimony was stipulated, appeared as a witness for appellee, and, at the time, was employed in an executive capacity by the National Sugar Refining Company of New York City. Due to the importance of his testimony regarding the issues here presented, we deem it advisable to quote the following:

Between January 1, 1928, and May 1, 1928, while financed by me, Mr. Heath developed and assembled several electrical refrigerators. Two of these refrigerators I can and do identify as appearing in the photograph marked Heath's Exhibit 6 and I further identify this photograph as having been taken in the building occupied by the Frier-Sturges Company on Washington Boulevard, St. Louis, Missouri.

I personally saw the two refrigerators shown in Heath's Exhibit 6 *operating to produce refrigeration at many different times between January 1, 1928, and May 1, 1928.* I know that the evaporators or cooling units, used in the refrigerators shown in Heath's Exhibit 6 and one of which is indicated thereon by the reference character A, were U-shaped sheet metal evaporators. They were similar in appearance and construction to Heath's Exhibit 7 and were made by the General Metal Products Company of St. Louis, Missouri, under Mr. Heath's direction and on his order authorized by me. I did not see the actual making of these evaporators but *I do know that one of the reasons I financed Heath's development in St. Louis was Heath's explanation to me that he could make evaporators at a very low price by welding together two corrugated metal sheets around the edges and between the corrugations and then bending the welded structure into the form of a U.* It was my understanding at that time that the evaporators made by the General Metal Products Company for Mr. Heath were made in that manner.

The financing of Mr. Heath's development by me in St. Louis, Missouri, was terminated on or about May 1, 1928, and I have not seen Mr. Heath since that date.

The two refrigerators shown in Heath's Exhibit 6 were the only two refrigerators made by or for the Frier-Sturges Company or for me having U-shaped evaporators *and that these refrigerators were not operated after May 1, 1928.* [Italics ours.]

Appellee introduced certain evidence for the purpose of establishing that Exhibit No. 7 and the evaporator shown in the photograph—Exhibit No. 6—were made in accordance with the involved method.

The witness R. A. Kaltwasser, president of the General Metals Products Company, testified that during the period from January 1 to May 1, 1928, his company, in accordance with appellee's instructions, constructed several sheet metal evaporators. We quote a portion of his testimony:

Q. 54. And would you kindly explain to us how they were made, please?

A. Well, my recollection is that at first the tank consisted of two sheets of comparatively light gauge metal, the size, I see from these exhibits, was 17 inches by 29, was one of the sizes. They were placed flat together and acetylene welded all the way around the edges, making it entirely air-tight. One of the sheets at one end was a small-sized pipe nipple; at the other end, on the same side, was a small-sized pipe coupling for a pipe coupling. Then, there were quite a number of spot welds placed at fairly even intervals over the entire surface, connecting the two sheets together. After that they were formed into a "U" shape.

Q. 55. They were bent after the welding operation, were they?

A. They were bent after the welding operation, yes. My recollection is that they didn't quite suit Mr. Heath, so some others were made—the same sized sheets, and they were spot welded or acetylened welded around the outer edges, but prior to that a number of grooves, or we term them "beads," were formed longitudinally in one sheet on one side, and transversely in another sheet at the extreme ends, and they had pipe fittings on one sheet, just the same as the preceding one, and they had pipe nipples on the outside; the same general shape as the original ones.

Q. 56. That is, they were bent into a "U" shape?

A. Yes. I might add, they were spot welded in between the grooves.

Q. 57. By "grooves" you mean in between the beads?

A. Beads.

Q. 58. Now, may I ask, these beads that you spoke of, the longitudinal beads, were placed in one sheet before the sheets were bent, were they not?

A. Yes, I said that prior.

Due to the views we hold, we deem it unnecessary to discuss the issue raised by counsel for appellant that appellee has failed to establish that Exhibit No. 7 and the evaporator shown in the photograph—Exhibit No. 6—were made in accordance with the involved invention.

Assuming for the purpose of this decision that appellee's evaporators were made by the method set forth in the testimony of the witness Kaltwasser, we are of opinion, nevertheless, that appropriate tests were necessary to determine whether the evaporator so made would operate successfully in a mechanical refrigerator. Appellee and the witness Frier were evidently of the same view prior to May 1, 1928, and it is not seriously contended here that the mere making of an evaporator in the manner described by the witness Kaltwasser was sufficient to reduce the invention to practice.

It appears from the record that during appellee's ex parte prosecution, claim 4 of his application was rejected as unpatentable over the patent to Linga, No. 1,110,065, issued September 8, 1914. At the time of such rejection, the last clause of claim 4 apparently read: "and then bending the integral construction to *the shape desired.*" [Italics ours.] Thereafter, on May 2, 1933, appellee amended the claim by canceling the words "the shape desired," and substituting therefor the language "form a plurality of walls of a sharp freezing chamber adapted to receive a receptacle." As amended, the claim was allowed and corresponds to the count in issue. Subsequent to the amendment and prior to the allowance of the claim, appellee, in explaining his amendment and arguing for the patentability of the claim, stated that, as amended, the claim defined—

"a method of manufacturing an evaporator for a refrigerating machine wherein a freezing chamber is provided in the evaporator for the reception of a receptacle or ice tray adapted to contain a substance to be congealed or frozen by the evaporator. The distinctions as pointed out by the Examiner in claim 4, prior to the present amendment thereto, over the Linga patent of record plus the recitation now incorporated in this claim is believed to fully differentiate this claim from anything shown or taught by the Linga patent. Claim 4 now defines a method of manufacturing an evaporator wherein a freezing chamber is provided in the evaporator for the reception of an ice tray and this method is not present in the Linga patent."

It is clear that, as understood by appellee in May 1933, the method defined in the involved count was for the construction of an evaporator having a freezing chamber in which a substance was to be frozen by the evaporator.

We turn now to an analysis of the testimony relative to the operation of the refrigerating apparatus, shown in Exhibit No. 6, of which appellee's evaporator was a part.

Appellee testified that his evaporator was installed in a refrigerator, as shown in Exhibit No. 6, and stated, upon the suggestion of his counsel, that the refrigerator was successfully operated for a considerable period of time. His testimony pertinent to the subject is as follows:

Q. 220. And this refrigerator that is disclosed in Exhibit 6 was successfully operated, was it not?

A. It was.

Q. 221. For a considerable period of time, Mr. Heath?

A. Yes.

Mr. Frier, who financed appellee's development work, was directly interested in the tests to which appellee's evaporator was subjected. He must have

known what they were, the conditions under which they were made, and the results obtained therefrom; nevertheless, he was content to say that he saw the two refrigerators shown in Exhibit No. 6 operating at many different times between January 1 and May 1, 1928, and that they were "operating to produce refrigeration." The degree of refrigeration produced was not stated. He did not state that the refrigeration produced was sufficient to congeal or freeze a substance contained in the evaporator receptacle or ice tray, nor did he say anything from which such fact might be properly deduced. In fact, there is nothing in the record to establish that at any time the refrigeration produced was even sufficient to preserve food.

The witness Frier knew the facts, and it is unlikely that they had escaped his memory at the time his testimony was stipulated, in view of the circumstances under which he obtained them. The witness stated that his association with appellee was terminated on May 1, 1928; that he had not even seen appellee since that time; and that the refrigerators referred to in his testimony were not operated after that date. No explanation was given by him for his apparent loss of interest in appellee's evaporators, nor is there anything in his testimony to indicate that he was of opinion that they were successfully operated.

[1] There being no evidence of record corroborative of appellee's testimony that his evaporators were successfully operated, we must hold that the evidence is wholly insufficient to establish that appellee constructed and successfully operated evaporators in conformity with the method defined in the appealed count.

We need not concern ourselves here with the theories advanced by counsel for appellant as to why appellee's evaporators may not have been a success. It is sufficient to say that the record wholly fails to establish that they were.

[2] For the reasons stated, we are constrained to disagree with the conclusion reached by the Board of Appeals.

Reversed.

U. S. Court of Customs and Patent Appeals

IN RE PETERSEN

No. 3,970. Decided March 28, 1938

[95 F.(2d) 255]

PATENTABILITY—COLLAPSIBLE TUBE.

Claim for a collapsible tube *Held* unpatentable as the improvement over the prior art required nothing more than mechanical skill of substitution.

APPEAL from Patent Office. Affirmed.

Mr. Raymond J. Mawhinney for Petersen.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

HATFIELD, *J.*:

This is an appeal from the decision of the Board of Appeals of the United States Patent Office affirming the decision of the Primary Examiner rejecting the single claim—claim 7—in appellant's application for a patent for an alleged invention relating to improvements in collapsible tubes.

The claim reads:

7. In a collapsible tube having an opening, a neck integral with and extending about said opening and being hollow and in communication with the interior of the tube, said neck having a flat top wall with a *straight valve extension* projecting outwardly therefrom and said top wall having means of egress from said neck, said neck being externally threaded, a cylindrical cap having a side wall internally threaded to engage that portion of the neck which is threaded, said cap having a top wall extending at substantially right angles to the side wall of the cap, said top wall of said cap being provided with a substantially centrally located opening adapted to receive said valve extension and having a reduced recess extending outwardly of said threads in said cap and disposed axially of said cap opening, the portion of the top wall of said cap which extends from the side wall of said cap being of substantially uniform thickness, and a compressible gasket in said cap for engaging compressibly against the top wall of the neck and for sealing the means of egress from the neck, said gasket being snuggly disposed in said recess, said extension having a length substantially equal to the thickness of the gasket and the cap whereby to eject the paste remaining in the opening upon turning of the cap to closed position. [Italics ours.]

The references are: Matzke (German), 158,784, March 3, 1905; Behrman, 1,357,024, October 26, 1920; Baltzley, 1,597,665, August 31, 1926.

The collapsible tubes to which this invention has reference are used for tooth pastes, shaving creams, oils, greases, and certain food products, such as fish pastes, etc. One of the purposes of appellant was to provide a tube which would be sealed air-tight, by means of the screw cap. His structure is clearly set forth in the quoted claim, and need not be further described.

Counsel for appellant has clearly stated in his brief the advantages obtained by appellant's improved structure, and the reasons therefor. We quote:

Appellant's device requires that all residues of the paste be returned into the tube. While in the tube the paste is secure against the ravages and devastating action of the atmosphere because the atmosphere is excluded by the compressible gasket being forced by the screw action of the cap down upon and into the openings. No air is therefore allowed access to the interior of the tube. In appellant's Figure 2 the gasket completely occupies the space within the screw cap. This is necessarily so because the gasket is of compressible material. When the screw cap is screwed down to the closed position the gasket is compressed between the top of the screw cap and the wall 16 of the tube neck. Thus the gasket tends to squeeze out at its edges but here it is confined by the outer wall of the screw cap. The gasket thereupon tends to expand inwardly but here it is confined by the pin or projection. Therefore the compressible gasket entirely fills all the space within the screw cap when that screw cap is screwed down to the closed position shown in Figure 2. There is no room here for the lodgment of any of the paste. All the paste must be forced back into the tube. In the tube it is within the sealing protection of the gasket as heretofore stated. The straight-walled pin or projection snugly fits the openings in the gasket and screw cap right up to a flush position with the top of the cap. There is no room here for the lodgment of any of the paste.

The patent to Matzke relates to a closure for tubes, and discloses, among other things, a *cylindrical* or "*straight valve extension*" on the neck of his tube, which fits into an aperture in the screw cap to close the tube. [Italics ours.] With reference thereto, the patentee stated:

• • • in the closing of the tube closure a suitably shaped projection on the tube or on the neck of the tube enters the mouth opening of the closing cap and displaces and completely forces out the substance remaining behind in the mouth from the last extrusion so that this residual amount may be either at once or later with the amount earlier extruded whereby neither in the mouth opening nor on the closing cap after the closing of the latter is any substance left behind whereby to all disadvantageous consequences caused by the previous remaining behind of substance on the outside of the closure are entirely avoided.

The patentee also stated that, instead of being cylindrical in shape, the valve extension might, if desired, be partially conical.

The patent to Behrman relates to collapsible tubes and screw caps therefor. The patentee disclosed a tube having an aperture in the center of the top of the screw cap which is closed by a conical plug within the neck of the tube when the cap is screwed to a closed position. There are apertures shown in the neck of his tube to permit the flow of the contents of the tube into the screw cap. With reference to this patent, counsel for appellant states that its operation and performance is much like appellant's screw cap and tube, except that when the cap is screwed down "there is no gasket to seal the upper ends of the channels between the legs of the spanner." (A gasket is disclosed in the patent to Baltzley.)

The patent to Baltzley also relates to closures for tubes and the like, and discloses a structure similar to that of appellant, except for the shape of the valve extension.

With reference to the Matzke and Baltzley patents, the Board of Appeals said:

In our opinion the claim on appeal does not patentably distinguish from the Baltzley patent, especially when this patent is considered in connection with the other references referred to. *Baltzley shows a tube which fully meets the terms of the claim, except possibly the limitation in line 4 to the effect that the valve extension is "straight". The valve extension of Baltzley is cylindrical (which is what appellant means by straight) for a major portion of its length but the actual sealing takes place between the beveled edges at the end of this extension and a correspondingly beveled seat on the cap.* A further difference of no material importance relates to the uniform thickness of the top wall of the cap. Inasmuch as it is old in this art, as shown by the German patent to Matzke, *to make the valve extension of the tube neck cylindrical and close-fitting with respect to the aperture in the cap*, the limitation referred to is not sufficient to patentably distinguish the claim. [Italics ours.]

It is not contended by the Solicitor for the Patent Office that appellant's structure is anticipated by any one of the three references, and the tribunals of the Patent Office did not so hold.

The Board of Appeals held that the patent to Baltzley disclosed a tube on which the appealed claim reads, with the exception that the valve extension in the Baltzley disclosure is cylindrical or straight for but a major portion of its length but not at the point where the sealing of the tube is effected. It was held, however, that it would not amount to invention to substitute the cylindrical or straight valve extension, disclosed in the patent to Matzke, for the valve extension in the patent to Baltzley.

At the time of the oral arguments in this court, counsel for appellant frankly stated that the real issue before us is whether it would involve invention to substitute the cylindrical valve extension of Matzke for the valve extension of Baltzley in the latter's structure.

We are in agreement with counsel that appellant's structure is an improvement over the prior art. We are unable to agree, however, that, with the prior art before him, it would require anything more than mechanical skill to substitute the cylindrical valve extension disclosed in the patent to Matzke for the valve extension of Baltzley in the latter's structure. We think that substitution would be sufficient to make the Baltzley structure conform to the appealed claim.

The decision is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

E-Z MILLS, INC.,

v.

MARTIN BROTHERS COMPANY

No. 3,920. Decided March 28, 1938

[95 F.(2d) 269]

1. TRADE-MARKS—CANCELLATION—CONFUSING SIMILARITY—"KLAD-EZEE" AND "E-Z".

Trade-mark "Klad-ezee" registered for use on one-piece outer garments *Held* confusingly similar to the trade-mark "E-Z" for which appellant proved prior adoption and use on goods of the same descriptive properties.

2. SAME—SAME—EVIDENCE OF ACTUAL CONFUSION NOT NECESSARY.

"It is true that the record does not contain any evidence of actual confusion, but such evidence is not necessary in the determination of the registrability of a mark."

3. SAME—SAME—EVIDENCE OF LACK OF CONFUSION NOT CONTROLLING.

"It is true that evidence of lack of confusion in the use of different marks may be persuasive that there is not likelihood of confusion, but such evidence can not be controlling, and we are inclined, in the case before us, to give very little weight to the fact that no actual confusion has been shown."

APPEAL from Patent Office. Reversed.

Mr. Joseph W. Milburn (*Mr. John A. Griesbauer* of counsel) for E-Z Mills, Inc.

Mr. F. C. Caswell for Martin Brothers Company.

LENROOT, *J.*:

This is a trade-mark cancellation proceeding under the Trade-Mark Act of February 20, 1905, wherein the Commissioner of Patents reversed a decision of the Examiner of Trade-Mark Interferences which sustained appellant's petition for the cancellation of appellee's mark "Klad-ezee," printed in script in the arc of a circle. The Examiner sustained appellant's petition under the rule of res adjudicata. The Commissioner did not agree with the Examiner that the rule of res adjudicata was applicable, and held that the marks of the parties were not confusingly similar. Appellant brings this decision of the Commissioner before us for review.

Appellant's petition for cancellation, filed in 1935, is predicated upon use by it and its predecessors in business, since 1895, of the trade-mark "E-Z," applied to underwear and sleeping garments for children, which mark was duly registered in the Patent Office long prior to adoption and use of appellee's mark.

Appellant's petition also sets up ownership and use of the trade-mark "Fit-Ez," registered by it on December 21, 1926, and ownership and use of the trade-mark "E *easy* Z" and registration of the same on November 15, 1921, and alleges confusing similarity between said marks and appellee's said mark "Klad-ezee." However, appellant does

not rely upon its two last-named marks, and no further reference will be made thereto.

Appellee's mark "Klad-ezee" was registered on October 30, 1928, registration No. 248,831, for use on—

"One-piece outer garments—viz, overalls and coveralls for men, women, and children, recreation suits for men, women, and children, and play suits for children."

In said registration it was stated that appellee had used the mark since on or about May 1, 1928.

Appellant's petition for cancellation also alleges that on September 20, 1926, appellee filed an application for the registration of the mark "E-Z-Clad," used by appellee upon overalls and coveralls for men, women, and children, which application was prior to appellee's adoption of the mark here involved, "Klad-ezee;" that appellant filed notice of opposition to said proposed registration, to which notice no answer was made by appellee, and that a judgment pro confesso was entered, sustaining appellant's notice of opposition. Appellant upon this ground alleged that appellee's right of registration is now res adjudicata in this proceeding.

Said petition also alleges confusing similarity between appellant's mark "E-Z" and appellee's mark "Klad-ezee," and usual allegations of damage are made.

Appellee's answer denied confusing similarity of the marks of the parties, alleged estoppel of appellant to bring this proceeding by reason of laches, and denied that the judgment rendered against it in the opposition proceedings above referred to is res adjudicata of the issues before us.

Testimony was taken by both parties, from which it appears that appellant and its predecessors had been engaged in the manufacture and sale of underwear, to which the trade-mark "E-Z" was applied, since 1895; that, for more than ten years last past, more than 250,000 dozen garments were manufactured and sold each year; that from 1916 to 1935 its advertising expenditures had amounted to more than $700,000; that appellee is engaged in business in Minneapolis, Minn.; that in 1923 it was engaged in a general jobbing business dealing in clothing for men, and that it manufactured and sold men's work clothing under the trade-mark "Buffalo Brand;" that it began the manufacture of one-piece outer garments having a drop-seat construction, especially desirable for outer garments for children, and in 1926 adopted the mark "E-Z-Clad" as suggestive of the convenience afforded by the drop-seat construction; that it applied for registration of said mark on September 20, 1926, to which application notice of opposition was filed by appellant, as hereinbefore stated; that in July, 1927, appellee instructed its attorneys to withdraw its application for the registration of the mark "E-Z-Clad," and it then adopted the mark here sought to be cancelled; that appellee, in 1934, manufactured about 155,000 garments, to which its mark "Klad-ezee" was applied, and that it had expended, for advertising its goods so marked, from $3,000 to $11,000 per year.

As hereinbefore indicated, the Examiner of Interferences sustained appellant's petition for cancellation upon the ground that appellee was estopped, under the doctrine of res adjudicata, from registering the mark "Klad-ezee," by reason of the judgment entered in the previous opposition proceeding adjudging that appellee was not entitled to register the mark "E-Z-Clad." Upon appeal, the Commissioner held that the doctrine of res adjudicata was not applicable under the facts of record, and further held that the marks "E-Z" and "Klad-ezee," as used by the parties, are not confusingly similar. He therefore reversed the decision of the Examiner of Interferences and held that appellant's petition for cancellation should be dismissed.

We are inclined to agree with the Commissioner upon the question of res adjudicata, as applied to this case, but we are not in accord with his view that the marks "E-Z" and "Klad-ezee," as used by the parties, are not confusingly similar.

While the goods to which the marks of the parties are applied are not identical, they clearly possess the same descriptive properties, and we do not understand that appellee contends to the contrary. However, it does properly call attention to the differences in goods of the parties as bearing upon likelihood of confusion in the use of the respective marks.

That the mark first adopted by appellee, "E-Z-Clad," was confusingly similar to appellant's mark "E-Z," is too clear for argument, and appellee made no defense to appellant's notice of opposition to appellee's application to register "E-Z-Clad" as its trade-mark.

Appellee adopted the mark here involved with full knowledge of appellant's mark, and we are impressed that appellee sought to select, in place of the mark "E-Z-Clad," a mark that would approach as closely as possible to appellant's mark without infringing thereon.

We do not think that it has succeeded in doing so. If we were to test the marks of the parties by appearance alone, we would readily agree with appellee's counsel that the marks are not confusingly similar; but when we come to apply the test of sound, a very different impression is made.

We think that in the term "Klad-ezee," as pronounced, the letters "ezee" are the dominant part of the mark, by reason of their suggestiveness, and that such letters have normally the same pronunciation as the separate letters "E-Z," which constitute appellant's mark. That similarity in sound alone is sufficient to constitute confusing similarity between marks, is well established. *McKinnon & Company* v. *HyVis Oils, Inc.*, 24 C. C. P. A. (Patents) 1105, 88 F.(2d) 699, 1937 C. D. 499; *Cluett, Peabody & Co., Inc.* v. *Wright*, 18 C. C. P. A. (Patents) 937, 46 F.(2d) 711, 1931 C. D. 186. The portion of the mark "Klad" is of only minor significance in the mark. That this is the view of the president of appellee is shown by his testimony as follows:

Q. 22. In what way, if any, did the construction of registrant's garments influence you in the selection of the mark "Klad-ezee"?

A. We wanted a trade-mark that would be appropriate for our superior garments—one that would be suggestive of the ease with which the garments are put on and taken off and suggestive, too, of the comfort with which the garments are worn. Additionally, we wanted a trade-mark that would be suggestive of the "self-help" drop-seat feature in our garments by which initiative and self-reliance is so readily encouraged in the children who wear them.

[1] [2] It is true that marks must be considered as a whole in determining confusing similarity between them, and we so consider the marks here involved. So considering the marks, we are of the opinion that there is likelihood of confusion in the mind of the purchasing public as to the origin of the goods bearing the respective marks of the parties. It is true that the record does not contain any evidence of actual confusion, but such evidence is not necessary in the determination of the registrability of a mark. *The Kroger Grocery & Baking Company* v. *The Blue Earth Canning Company*, 24 C. C. P. A. (Patents) 1098, 88 F.(2d) 725, 1937 C. D. 492.

[3] It is true that evidence of lack of confusion in the use of different marks may be persuasive that there is not likelihood of confusion, but such evidence can not be controlling, and we are inclined, in the case before us, to give very little weight to the fact that no actual confusion has been shown.

In the case of *Crystal Corp., etc.* v. *The Manhattan Chemical Mfg. Co., Inc., etc.*, 22 C. C. P. A. (Patents) 1027, 75 F.(2d) 506, 1935 C. D. 391, we said:

Many decisions, not necessary to cite here, in this court and in other courts, in cases quite similar in principle to the one at bar, have pointed out that those who adopt trade-marks for their merchandise should not enter a field where doubts can be reasonably entertained as to the likelihood of confusion, since the field from which to select valid trade-marks for use in distinguishing one's goods is a very broad one.

There was not the slightest occasion, in making the selection of a trade-mark, for appellee entering into the field of one whose business was well-known and established. *Gilmore Oil Co., Ltd.* v. *Wolverine-Empire Refining Co.*, 21 C. C. P. A. (Patents) 943, 69 F.(2d) 532, 1934 C. D. 319.

One would have thought that, after appellant's opposition to the registration of the mark of appellee, "E-Z-Clad," had been sustained, appellee would have selected a mark so far removed from appellant's mark in similarity that no possible question of confusion would arise, if its desire was really to indicate itself as the origin of the goods to which it applied its mark. Instead of that, so far as sound is concerned, it merely transposed some of the syllables of the mark which had been held to be confusingly similar to appellant's mark. It is true that testimony on behalf of appellee shows that it adopted the mark "Klad-ezee" only after a trade-mark search by its attorneys, and advice from them that it was free to use the mark. However, the fact remains that appellee's officers were entirely familiar with appellant's mark at the time of the adoption of the mark here involved; and while it was no doubt believed that appellee had the legal right to adopt and use said mark, it made such selection at its peril.

[5] In appellee's answer to appellant's petition for cancellation it is alleged that appellant is estopped from asserting confusing similarity between the marks of the parties by reason of laches. Mere laches may not be invoked against a petitioner in a cancellation proceeding. *Cluett, Peabody & Co. (Inc.)* v. *Hartogensis, etc.*, 17 C. C. P. A. (Patents) 1166, 41 F.(2d) 94, 1930 C. D. 342.

There is no evidence in the record that appellant ever acquiesced in the use of the mark "Klad-ezee" by appellee. On the contrary, appellant's testimony shows that appellant's officers or representatives had no knowledge of said mark until 1934, and then promptly, by letter to appellee, objected to such use.

It is our opinion that, upon the record before us, appellant's petition for cancellation should be sustained and appellee's mark should be cancelled.

In accordance with the foregoing, the decision of the Commissioner of Patents is reversed.

Reversed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,944,932, Gemeny & Weller, Elevator bucket, filed July 8, 1938, D. C. Minn. (Minneapolis), Doc. E 3013, *B. I. Weller* v. *Strong-Scott Mfg. Co.*

1,949,851, H. S. Alper, Necktie, D. C., E. D. Mich., S. Div., Doc. 6495, *H. S. Alper* v. *L. Rosenberg et al.* Dismissed June 20, 1938. Doc. 6486, *H. S. Alper* v. *Artistic Neckwear Co.* Decree as above.

1,954,778, E. H. Nichols, Roofing granules and method of producing same, filed July 5, 1938, D. C. Md., Doc. E 2552, *Minnesota Mining & Mfg. Co.* v. *E. H. Nichols.*

1,958,482, O. J. Leins, Magnetic switch, filed June 29, 1938, D. C., N. D. Ill., E. Div., Doc. 16131, *Milwaukee Gas Specialty Co.* v. *The Mercoid Corp.*

1,958,570, H. D. Flegel, Fruit juice extractor, filed June 25, 1938, D. C., N. D. Ill., E. Div., Doc. 16128, *Scovill Mfg. Co.* v. *S. Bloomfield.*

1,963,349, E. E. Boyce, Sewing machine, filed July 18, 1938, D. C., N. D. Ga. (Rome), Doc. E 140, *The Boysell Co.* v. *J. Franco (Primrose Candlewick Products).* Doc. E 141, *The Boysell Co.* v. *Empire Tufting Co.* Doc. E 136, *The Boysell Co.* v. *Georgia Chenille, Inc.*

1,964,688, E. S. Pearce, Journal bearing lubrication, filed Mar. 10, 1938, D. C. N. J., Doc. E 5885, *Railway Service & Supply Corp.* v. *National Lead Co.*

1,965,165, B. Wilson, Window frame construction, filed June 23, 1938, D. C., E. D. La. (New Orleans), Doc. E 528, *B. L. Wilson* v. *Singer Lumber Co., Inc., et al.*

1,969,307, C. A. Kaufman, Hosiery and the manufacture thereof, C. C. A., 3d Cir., Doc. 6573, *J. Kayser & Co. et al.* v. *Rosedale Knitting Co.* Decree holding patent invalid for want of invention is affirmed July 23, 1938.

1,970,841, R. B. Cottrell, Truck, D. C., N. D. Ohio, Doc. E 5046, *American Steel Foundries* v. *National Malleable & Steel Castings Co.* Dismissed without prejudice July 8, 1938.

1,984,585, R. M. Kelle, Hair waving apparatus, filed July 5, 1938, D. C., N. D. Calif. (San Francisco), Doc. E 4288, *U. S. Appliance Corp.* v. *Beauty Shop Supply Co.* 1,984,916, G. E. Bullock, Velocipede frame construction, D. C., W. D. N. Y., Doc. E 2082, *E. C. Brown Co.* v. *J. C. Penney Co.* Consent decree dismissing bill; adjudging patent valid (notice July 9, 1938). Doc. 2030, *E. C. Brown Co.* v. *McCurdy & Co., Inc.* Decree for plaintiff (notice July 15, 1938).

1,995,187, Lind & Feigenbaum, Collar, neckband and other garment part, D. C., S. D. N. Y., Doc. E 80/160, *Aero Neck-Band & Collar Co., Inc., et al.* v. *Dresswell Shirts, Inc.* Decree for plaintiff July 15, 1937. Order on mandate vacating decree and dismissing bill (notice July 18, 1938). Doc. E 80/161, *Aero Neck-Band & Collar*

Co., Inc., et al. v. *Beaver Mfg. Co., Inc.* Decree as above. Doc. E 80/163, *Aero Neck-Band & Collar Co., Inc., et al.* v. *Apex Shirt Trimming Co., Inc.* Decree for plaintiff July 15, 1937. Order on mandate reversing and vacating decree of district court and dismissing bill (notice July 15, 1938).

1,999,669, M. J. Smith, Purse kit, filed July 7, 1938, D. C., S. D. N. Y., Doc. E 87/246, *M. J. Smith* v. *Dora May Co., Inc.* Doc. E 87/74, *M. J. Smith* v. *J. Levy (Dora May Co. Inc.).* Consent order of discontinuance without prejudice (notice July 7, 1938).

2,007,805, Lippert & Cramer, Self-locking cap for gas tanks, D. C., N. D. Ill., E. Div., Doc. 15859, *The Norlipp Co.* v. *Badger Tool & Mfg. Co.* Patent held valid and infringed, injunction May 25, 1938.

2,014,979, J. Pallas, Garment clasp, filed July 25, 1938, D. C., S. D. N. Y., Doc. E 87/281, *J. Pallas* v. *The Waterbury Buckle Co. et al.*

2,025,243, Jackson & Lieb, Method and apparatus for preventing accumulation of foreign matter in or on beer handling equipment and for treating beer, filed June 30, 1938, D. C., S. D. Ohio, W. Div., Doc. E 1046, *Elec-Tro-Lytic Systems, Inc.* v. *Forever Kleen Koil Service Co.*

2,028,838, H. Kermin, Container and dispenser, D. C., S. D. Calif. (Los Angeles), Doc. E 1183–C, *National Unit Corp.* v. *E. E. Bramlett et al. (B & H Food Products Co.).* Decree for plaintiff for injunction May 10, 1938. Doc. E 1184–M, *National Unit Corp.* v. *J. Goldfarb et al. (Ford Craft Products Co.).* Decree as above.

2,033,699, T. W. Frech, Electric projection lamp, D. C. N. J., Doc. E 5627, *General Electric Co.* v. *M. Yablonsky et al.* Dismissed June 13, 1938.

2,036,548, P. Silvernail, Surf toboggan, filed July 7, 1938, D. C., S. D. Tex. (Galveston), Doc. E 281, *P. Silvernail* v. *T. Currey.*

2,037,104, I. D. Yohn, Plumbers' snake tool, filed July 25, 1938, D. C., S. D. Calif., C. Div., Doc. E 1423–H, *I. D. Yohn* v. *P. R. Betzing et al.*

2,038,978, B. H. Adler, Changeable sign and letters therefor, filed June 6, 1938, D. C., N. D. Ill., E. Div., Doc. 16101, *B. Adler Signs, Inc., et al.* v. *Wagner Sign Service, Inc.*

2,041,332, H. Golden, Flashlight holding device, C. C. A., 3d Cir., Doc. 6607, *Magna Products Corp.* v. *Broad Auto Supply Co.* Decree affirmed June 14, 1938. Same, D. C., S. D. N. Y., Doc. E 83/127, *Magna Products Corp.* v. *Kastar Specialty Mfg. Co., Inc., et al.* Consent order dismissing bill (notice July 27, 1938).

2,045,317, S. Sobie, Ornamental composite fabric, D. C., S. D. N. Y., Doc. E 85/288, *J. W. Sobie et al.* v. *Four Star Pleating & Stitching Co., Inc.* Consent decree for plaintiff (notice July 29, 1938).

2,046,240, T. W. Bayley, Abrasive articles, filed May 24, 1938, D. C. N. J., Doc. E 5912, *H. A. Ahrens et al.* v. *B. Altman & Co., Inc.*

2,048,572, A. T. Smith, Cooking device, D. C., E. D. Pa., Doc. 9697, *National Enameling & Stamping Co.* v. *The Proctor & Schwartz Electric Co.* Bill dismissed June 28, 1938.

2,049,029, M. H. Storch, Frame assembly for mirrors and the like, D. C. N. J., Doc. E 5695 M, *M. D. Storch et al.* v. *Buscham, Inc.* Injunction Apr. 11, 1938.

2,051,322, J. Weisbaum, Necktie, D. C., S. D. Ohio, W. Div., Doc. E 447, *J Weisbaum* v. *The Edward Wren Co.* Consent decree May 20, 1938.

2,053,471, E. F. Frost, Kneeling bench, D. C., N. D. Ill., E. Div., Doc. 15636, *Frost Rubber Works* v. *O. Wulbecker.* Decree holding patent invalid, bill dismissed Apr. 27, 1938.

2,054,016, L. B. Ehrlich, Ignition device, filed June 24, 1938, D. C., N. D. Ill., E. Div., Doc. 16127, *The Electric Auto-Lite Co.* v. *J. Filko (F & B Mfg. Co.).*

2,070,356, K. A. Christy, Method of cutting hair, D. C., W. D. Wash., N. Div., Doc. 1221, *K. A. Christy* v. *H. Siegelman et al.* Dismissed June 29, 1938.

2,079,870, T. Pesci, Print block, filed Apr. 29, 1938, D. C. N. J., Doc. E 5903, *T. Pesci et al.* v. *F. A. Vieser & Son., Inc.*

2,087,795, L. W. Chubb, Vehicle lighting system, D. C. N. J., Doc. E 5814, *Sheet Polarizer Co., Inc.* v. *Polarized Lights.* Discontinued Mar. 21, 1938.

2,089,720, R. A. Ferguson, Extension couch, D. C. Oreg. (Portland), Doc. E 9725, *Simmons Co.* v. *B. Rosenfield et al.* Patent held valid July 1, 1938.

2,092,745, E. A. Horton, Dispensing device, D. C., N. D. Ill., E. Div., Doc. 15971, *The Cone Dispenser Corp.* v. *Illinois Baking Corp.* Bill dismissed with prejudice June 13, 1938.

Disclaimers

1,978,568.—*Alfred Crossley* and *Charles C. Neighbors*, Chicago, Ill. HIGH-FREQUENCY INDUCTANCE. Patent dated October 30, 1934; disclaimer filed August 27, 1938, by the assignee, *Johnson Laboratories, Inc.*

Hereby enters this disclaimer to claim 5 in said specification.

1,982,689.—*Wladimir J. Polydoroff*, Chicago, Ill. MAGNETIC CORE MATERIAL. Patent dated December 4, 1934; disclaimer filed August 27, 1938, by the assignee, *Johnson Laboratories, Inc.*

Hereby enters this disclaimer to claim 58 in said specification.

1,994,614.—*Raymond P. Lansing*, Montclair, N. J. ELECTRICAL APPARATUS. Patent dated March 19, 1935. Disclaimer filed August 26, 1938, by the assignee, *Eclipse Machine Company.*

Hereby enters this disclaimer to claim 1 of said Letters Patent.

T. M. Re. 89,813.—*Brampton Brothers*, Birmingham, England. CERTAIN NAMED PARTS OF CERTAIN NAMED VEHICLES. Registered January 14, 1913. Renewed January 14, 1933. Disclaimer filed August 9, 1938, by the assignee, *The Renold & Coventry Chain Company Limited.*

Hereby enters a disclaimer of rights to the trade-mark "Brampton" in the United States for saddles for cycles and motor cycles, sprocket chain wheels, driving parts for cycles, free wheels for cycles and motor cycles.

TRADE-MARKS

OFFICIAL GAZETTE, SEPTEMBER 20, 1938

[VOL. 494, No. 3]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 3

Baggage, Animal Equipments, Portfolios, and Pocketbooks

Ser. No. 408,453. THE BURKHARDT COMPANY, Detroit, Mich. Filed July 13, 1938.

ZIP-A-KIT

The word "Kit" is disclaimed apart from the mark.
For Portfolios and Loose Leaf Binder Equipped Portfolios.
Claims use since June 22, 1938.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 402,461. THE ANDERSON COMPANY, Gary, Ind. Filed Jan. 29, 1938.

GLASS-MASTER

For Chemical Cleaners for Cleaning Windshields and Other Glass Surfaces Adapted Particularly for Application Thereon by Hand Using.
Claims use since Dec. 3, 1937.

Ser. No. 407,786. AMERICAN OPTICAL COMPANY, Southbridge, Mass. Filed June 23, 1938.

Amerundum

For Lens Grinding and Polishing Compounds.
Claims use since Mar. 21, 1938.

Ser. No. 408,345. ELIZABETH GOULD, Brooklyn, N. Y. Filed July 9, 1938.

SAPODERMA

For Soap.
Claims use since July 19, 1937.

Ser. No. 409,277. CYRUS E. MANIERRE, doing business as Solvent Products Co., New York, N. Y. Filed Aug. 5, 1938.

NAPTEX

For Washing Fluid.
Claims use since July 18, 1938.

CLASS 5

Adhesives

Ser. No. 408,833. CORN PRODUCTS REFINING COMPANY, New York, N. Y. Filed July 23, 1938.

LAM-O-DEX

For Combinations of Dry Starches, Dextrines, or Gums, for Pasting Purposes.
Claims use since July 15, 1938.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 387,678. MARTIN W. PRETORIUS, Burbank, Calif. Filed Jan. 11, 1937.



The words "Endorsed by" are disclaimed apart from the mark.
For Laxatives and Dentifrices.
Claims use since Apr. 1, 1935.

Ser. No. 393,368. MARY DARE, INC., New York, N. Y. Filed May 28, 1937.

Mary Dare

The name "Mary Dare" is the business designation of Mary Dresselhouse, the president of applicant corporation, and the trade-mark is the said name as written by the said Mary Dresselhouse.

For Nail Tint, Nail White, Nail Tint (Oily) Remover, Nicotine Remover, and Hand Lotion.

Claims use since May 24, 1937.

Ser. No. 401,179. THE DAYTON LABORATORIES, INCORPORATED, Dayton, Ohio. Filed Dec. 23, 1937.

DAY LAB

For Pharmaceutical Preparations Such as Germicides, Lubricating Jellies for Use in Lubricating Surgical Instruments, Appliances, Bandages and the Like; Glandular Products, Antiseptics, Ointments, Inunctions, Sedatives, Hypnotics, Analgesics; Medicinal Tablets for Use by Physicians, Surgeons, Dentists and the Like Prescribed for Treating Diseases or for Relief of Diseases of the Respiratory, Genito-Urinary and Gastro-Intestinal Tracts and Cardio-Circulatory Systems; Douche Powders, Contraceptive Preparations, and Liquids for Removing Adhesive Tape.

Claims use since Sept. 1, 1936.

Ser. No. 402,153. THE EUSEY CO., Los Angeles, Calif. Filed Jan. 21, 1938.



For Preparation for Use as a Bath Scent and Water Softener and Also Having Incidental Cleansing Properties.

Claims use since Mar. 10, 1937.

Ser. No. 402,844. CLARK-MILLNER CO., Chicago, Ill. Filed Feb. 9, 1938.

Twin Sisters

For Cleansing Pads Saturated with Cleansing Solution for Toilet Use and Lipsticks, and Nail Polish Remover Pads Treated with a Chemical.

Claims use since Jan. 6, 1938.

Ser. No. 402,845. CLARK-MILLNER CO., Chicago, Ill. Filed Feb. 9, 1938.

Twin Sisters

REMOV-O-PADS

The term "Pads" is disclaimed apart from the mark.

For Nail Polish Remover Pads Treated with a Chemical.

Claims use since Jan. 6, 1938.

Ser. No. 402,878. ARNOLD URVATER, Paris, France. Filed Feb. 9, 1938.

HORMOPROSTINE

For Medicinal Products for Prostatic Ailments.

Claims use since 1936.

Ser. No. 405,817. NATIONAL OIL PRODUCTS COMPANY, Harrison, N. J. Filed Apr. 28, 1938.

NOVUSOL

For Plasticizing Compound and Defoamer.

Claims use since Apr. 1, 1938.

Ser. No. 406,515. SAMUEL KLEIN, Newark, N. J. Filed May 19, 1938.

VITASPRIN

For Aspirin Fortified with Vitamins.

Claims use since May 13, 1938.

Ser. No. 406,560. OKLAHOMA SANITARY SUPPLY CO., Oklahoma City, Okla. Filed May 20, 1938.

TRI-SOL

For Degreasing Solvents for General Industrial Use, More Particularly for Removing Paraffin from Producing Oil Wells.

Claims use since Aug. 1, 1937.

Ser. No. 406,842. WEBB LABORATORIES, INC., Schenectady, N. Y. Filed May 27, 1938.

VITAXIN

For Vitamin Concentrate Capsules Containing Vitamins B_1 and G (B_2) Designated B-Complex.

Claims use since Mar. 1, 1937.

Ser. No. 407,029. LUCIEN PICARD, Paris, France. Filed June 2, 1938.

FRENOSIL

For Product for Use in the Treatment of Hemorrnage and Particularly of Uterine Hemorrhage.

Claims use since Jan. 18, 1938.

Ser. No. 407,033. V. H. SCHLICHTING, doing business as The Uni-Kurd Company, Park Ridge, Ill. Filed June 2, 1938.

UNI-KURD

The word "Kurd" is disclaimed apart from the mark.

For Cheese Making Coagulator.

Claims use since Mar. 1, 1938.

Ser. No. 407,182. ERBAMINT COMPANY, St. Paul, Minn. Filed June 7, 1938.



For Preparation for the Treatment of Asthma and Bronchial Ailments.

Claims use since Mar. 1, 1938.

Ser. No. 407,212. BAL-MIN LABORATORIES, San Mateo, Calif. Filed June 8, 1938.

BAL-MIN

For Artificial Mineral Water.

Claims use since Apr. 2, 1938.

Ser. No. 407,267. THE HOUSE OF PINE, INC., New York, N. Y. Filed June 9, 1938.

Pine Bubbles

The word "Pine" is disclaimed apart from the mark.

For Preparation for Bath.

Claims use since Apr. 22, 1938.

Ser. No. 407,437. EDWARD P. LANGLEY, doing business as Len-Ola Laboratories, New York, N. Y. Filed June 13, 1938.

LEN-OLA

For Botanical Preparation of Plants, Roots, Herbs, and Barks as a Vitaminized Tonic Having Laxative, Stomachic, Diuretic, and Alterative Properties.

Claims use since Jan. 1, 1937.

Ser. No. 407,758. HORATIO LOCKE, doing business as Locke Laboratories, Monticello, Ill. Filed June 22, 1938.

LEMO-SELTZER

No claim is made to the word "Seltzer" apart from the mark.

For Effervescent Salt.

Claims use since May 1, 1938.

Ser. No. 407,994. STANDARD CHEMICAL PRODUCTS, INC., Hoboken, N. J. Filed June 28, 1938.

SINOX

For Chemical Preparation in Paste Form Used as a Spray for the Destruction of Weeds.

Claims use since January, 1938.

Ser. No. 408,032. RAYMOND S. SPINELLI, doing business as Glov-Kote Co., Chicago, Ill. Filed June 29, 1938.

GLOV-KOTE

The term "Kote" is disclaimed apart from the mark.

For Preparation to be Applied to the Hands as a Skin Protector and Cleansing Aid.

Claims use since Dec. 24, 1937.

Ser. No. 408,228. E. L. WILSON, Jamaica, Long Island, N. Y. Filed July 6, 1938.

STA-HI

For Battery Compounds for Rejuvenating Batteries.

Claims use since Mar. 14, 1938.

Ser. No. 408,268. COLE CHEMICAL COMPANY, Wilmington, Del., and St. Louis, Mo. Filed July 7, 1938.

PERVACUAN

For Pharmaceutical Preparation for the Treatment of Chronic Constipation, Coprostasis, Spastic Colitis.

Claims use since June 16, 1938.

Ser. No. 408,289. SOCIETE ANONYME LABORATOIRES G. REAUBOURG, Boulogne-sur-Seine, France. Filed July 7, 1938.

PASSICARBONE

For Medicated Charcoal for Internal Use.
Claims use since May 26, 1933.

Ser. No. 408,306. H. BRONNLEY & CO. LIMITED, London, England. Filed July 8, 1938.

ESS VIOTTO

For Hand Lotions.
Claims use since September, 1920.

Ser. No. 408,335. ADORNO MANUFACTURING CO., Seattle, Wash. Filed July 9, 1938.

ADORNO

For Hair Tonic.
Claims use since June 18, 1938.

Ser. No. 408,342. FRANCES DENNEY, Philadelphia, Pa. Filed July 9, 1938.

STARGLOW

For Toilet Preparations—Namely, Creme Rouge.
Claims use since Oct. 5, 1936.

Ser. No. 408,427. L'ONGLEX LIMITED, New York, N. Y. Filed July 12, 1938.

GLINTO

For Nail Polish.
Claims use since July 7, 1938.

Ser. No. 408,430. THE MALTINE COMPANY, New York, N. Y. Filed July 12, 1938.

DEPANCOL

For Medicinal Compounds, More Particularly Tablets for Intestinal Disorders.
Claims use since June 24, 1938.

Ser. No. 408,454. L. O. CHURCH CORPORATION, Peoria, Ill. Filed July 13, 1938.

ESKO

For Permanent Anti-Freeze Solution for Use in Internal Combustion Engine Cooling Systems.
Claims use since June 30, 1938.

Ser. No. 408,463. CHARLES C. HASKELL & CO., INC., Richmond, Va. Filed July 13, 1938.

ZANTHIMAL

For Pharmaceutical Preparation in Tablet Form for the Treatment of Cardio-Vascular Diseases.
Claims use since June 9, 1938.

Ser. No. 408,513. SHARP & DOHME, INCORPORATED, Philadelphia, Pa. Filed July 14, 1938.

BENTOL

For Preparations for the Treatment of Gastric and Intestinal Disturbances Involving Hyperacidity.
Claims use since June 10, 1938.

Ser. No. 408,514. SHARP & DOHME, INCORPORATED, Philadelphia, Pa. Filed July 14, 1938.

DIGITOS

For Preparations Containing or Made from Digitalis Leaves in Any Form and Products Containing Any Extracts from Digitalis Leaves or Parts Thereof, and Preparations Containing Digitalis in Any Form, and Preparations Used for the Same Purposes as Digitalis and as Digitalis Leaves in Any Form or as the Extracts of Products Prepared from Them.
Claims use since June 2, 1938.

Ser. No. 408,515. SHARP & DOHME, INCORPORATED, Philadelphia, Pa. Filed July 14, 1938.

DELVINAL

For Therapeutic Preparations for Uses Comprising Those of Anesthetic, Hypnotic, Sedative, Sleep-Producing, and Vaso-Dilation Agents.
Claims use since June 7, 1938.

Ser. No. 408,516. SHARP & DOHME, INCORPORATED, Philadelphia, Pa. Filed July 14, 1938.

PROKETAL

For Therapeutic Preparations for Uses Comprising Those of Anesthetic, Hypnotic, Sedative, Sleep-Producing, and Vaso-Dilation Agents.
Claims use since June 7, 1938.

Ser. No. 408,711. HERCULES POWDER COMPANY, Wilmington, Del. Filed July 20, 1938.

GLACHIN FINISH

No claim is made for "Finish" apart from the mark.
For Emulsified Vegetable Waxes and Fats for Textile Finishing.
Claims use since Apr. 9, 1938.

Ser. No. 408,783. CHARM PRODUCTS INC., doing business as Carlyle, Los Angeles, Calif. Filed July 22, 1938.

English Briar

The word "English" is disclaimed apart from the mark.
For After Shave Lotion, Hair Dress (Oil), and Hair Tonic.
Claims use since June 24, 1938.

Ser. No. 409,026. BATTLE CREEK DIETETIC SUPPLY CO., Battle Creek, Mich. Filed July 29, 1938.

PSYLOCEL

For Cellulose Product to be Taken Internally to Provide Bulk and Lubrication in the Treatment of Constipation.
Claims use since Aug. 12, 1937.

Ser. No. 409,138. PARKE, DAVIS & COMPANY, Detroit, Mich. Filed Aug. 1, 1938.

ETHAPON

For Synthetic Chemical Compound for Use in Producing Deep Narcosis.
Claims use since July 20, 1938.

Ser. No. 409,185. SAMUEL BRONETSKY, Boston, Mass. Filed Aug. 3, 1938.

FER-ŌK-IN

For Medicinal Preparation for Use in the Treatment of Diabetes.
Claims use since July 20, 1938.

Ser. No. 409,194. VAHDAH MARY GELESNOFF, doing business as Physico-Chemical Laboratory, Los Angeles, Calif. Filed Aug. 3, 1938.

HEMO-SAN

For Medicinal Preparation to Be Taken as Prescribed by Physicians for the Control of Hemorrhage and as a Treatment for Certain Types of Blood Stream Infection.
Claims use since June 25, 1938.

Ser. No. 409,354. GENERAL CHEMICAL COMPANY, New York, N. Y. Filed Aug. 8, 1938.

SOFORM

For Reducing Agent for Use in Textile and Other Industries.
Claims use since June 27, 1938.

Ser. No. 409,413. PAN-TONE DRUG COMPANY, Jacksonville, Fla. Filed Aug. 9, 1938.

PAN-TONE

For General Tonic and Mild Laxative.
Claims use since May 25, 1928.

Ser. No. 409,457. CROOKES LABORATORIES, INC., New York, N. Y. Filed Aug. 11, 1938.

CRIOBIN

For Aqueous Iodine Compound Used in the Treatment of Iodine Deficiency Conditions.
Claims use since May 6, 1938.

Ser. No. 409,458. CROOKES LABORATORIES, INC., New York, N. Y. Filed Aug. 11, 1938.

HALKAZIN

For Ointment Which Is Used in the Treatment of Indolent Wounds, Varicose Ulcers, Etc.
Claims use since May 6, 1938.

CLASS 8

Smokers' Articles, Not Including Tobacco Products

Ser. No. 396,652. SHIELDS, INC., Attleboro, Mass. Filed Aug. 21, 1937.

GARD-A-PAK

The word "Pak" is disclaimed apart from the mark.
For Cigarette Cases.
Claims use since June 22, 1937.

CLASS 10

Fertilizers

Ser. No. 402,555. CHEMI-GROW LTD., Los Angeles, Calif. Filed Feb. 1, 1938.



For Chemical Preparation for Use as a Fertilizer in Water Tank Farming.
Claims use since Nov. 11, 1937.

Ser. No. 407,334. SEA BOARD SUPPLY COMPANY, Philadelphia, Pa. Filed June 10, 1938.

SEABOARD COLLOIDAL MINERALS

The words "Colloidal Minerals" are claimed only in the association shown.
For Ground Soil Fertilizers.
Claims use since June 6, 1938.

CLASS 12

Construction Materials

Ser. No. 394,440. UNIVERSAL ATLAS CEMENT CO., Chicago, Ill. Filed June 23, 1937.



For Oil Well Cement.
Claims use since Oct. 5, 1936.

Ser. No. 404,389. VIRGINIA RUBATEX CORPORATION, Bedford, Va. Filed Mar. 22, 1938.

VACOBORD

For Insulating Board.
Claims use since Mar. 16, 1938.

Ser. No. 404,558. AMERICAN BITUMULS COMPANY, Wilmington, Del., and San Francisco, Calif. Filed Mar. 28, 1938.

BITUTEX

For Asphalt, Asphalt Emulsions, Asphalt Compositions.
Claims use since Mar. 4, 1938.

Ser. No. 406,316. WHEELER OSGOOD SALES CORPORATION, Tacoma, Wash. Filed May 13, 1938.

All-Weather
LAMINEX

The words "All-Weather" are disclaimed apart from the mark shown.
For Resin Bonded Plywood.
Claims use since November, 1937.

Ser. No. 408,055. FORMOIL COMPANY, Minneapolis, Minn. Filed June 30, 1938.

Sealcon

For Transparent Waterproofing for All Types of Concrete Work, Brick, and Stucco.
Claims use since Apr. 28, 1938.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 407,424. CHARLES CLYDE CORPORATION, Jersey City, N. J. Filed June 13, 1938.

RAINBOW

For Slide Fasteners.
Claims use since Apr. 1, 1938.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 402,438. NORTHWEST LEAD COMPANY, Seattle, Wash. Filed Jan. 28, 1938.

VIRG-MET

For Solder.
Claims use since Dec. 1, 1937.

Ser. No. 402,500. ACME STEEL COMPANY, Chicago, Ill. Filed Jan. 31, 1938.

ColorStitch

For Colored and Uncolored and Galvanized Stapling Wire Employed in Stitching Plain and Corrugated Fiberboard Cartons and Boxes.
Claims use since Feb. 17, 1937.

Ser. No. 402,501. ACME STEEL COMPANY, Chicago, Ill. Filed Jan. 31, 1938.

Stainless-Stitch

Applicant disclaims the word "Stainless" apart from the mark.
For Steel Stapling Wire Employed in Stapling Boxes and Crates.
Claims use since Apr. 22, 1936.

Ser. No. 408,613. MADISON-KIPP CORPORATION, Madison, Wis. Filed July 18, 1938.



For Non-ferrous Metal Castings.
Claims use since June 9, 1938.

CLASS 15

Oils and Greases

Ser. No. 407,074. SUN OIL COMPANY, Philadelphia, Pa. Filed June 3, 1938.

SUNOCO
A TO Z
LUBRICANTS

The word "Lubricants" is disclaimed apart from the mark.
For Lubricating Oils and Greases.
Claims use since Apr. 18, 1938.

CLASS 16

Paints and Painters' Materials

Ser. No. 390,053. DETROIT MACOID CORPORATION, Detroit, Mich. Filed Mar. 15, 1937.

CELLU-CRAFT

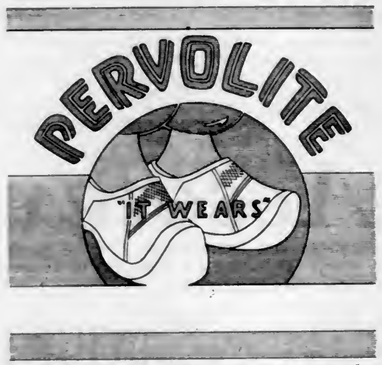
For Lacquer and Like Coating Compositions Consisting Chiefly of Cellulose Derivatives Used Particularly for the Coating of the Surfaces of Metallic and Nonmetallic Articles Such as Articles Composed of Metallic Alloys, Wood, Glass, and Rubber.
Claims use since Aug. 28, 1938.

Ser. No. 405,611. NORFOLK PAINT & VARNISH COMPANY, Quincy and North Quincy, Mass. Filed Apr. 22, 1938.

SEALOX

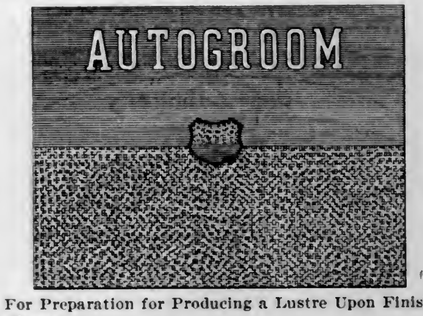
For Wall Primer and Sealer.
Claims use since Mar. 1, 1938.

Ser. No. 407,963. HERMAN H. VAN DULST, doing business as The Pervo Company, Los Angeles, Calif. Filed June 27, 1938.



Applicant disclaims the words "It Wears" except as shown.
For Penetrating Paint Paste for Use on Stucco, Concrete, Brick, Stone, Building Tile, Hollow Tile, and the Like.
Claims use since June 1, 1938.

Ser. No. 408,632. THE AUTOGROOM COMPANY, New York, N. Y. Filed July 19, 1938.



For Preparation for Producing a Lustre Upon Finished Surfaces.
Claims use since Mar. 4, 1938.

CLASS 17

Tobacco Products

Ser. No. 408,378. H. FENDRICH, INCORPORATED, Evansville, Ind. Filed July 11, 1938. Under 10-year proviso.

BLACK HAWK

For Cigars.
Claims use since January, 1889.

Ser. No. 408,379. H. FENDRICH, INCORPORATED, Evansville, Ind. Filed July 11, 1938. Under 10-year proviso.

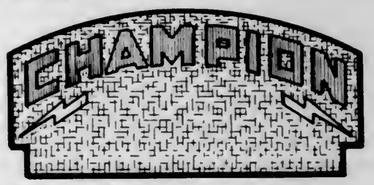
Charles Denby

For Cigars.
Claims use since July 25, 1893.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 391,915. DAR KARR, Los Angeles, Calif. Filed Apr. 27, 1937.



The drawing is lined for red and gold.
For Electric Control Apparatus Comprising Switches, Transformers, Etc., in a Case for Use in Electrically Charging Stock Fencing or a Fly and Insect Trap.
Claims use since January, 1934.

Ser. No. 406,990. H. & A. SELMER, INCORPORATED, Elkhart, Ind. Filed June 1, 1938.

SELMER PORTA-CORD

The word "Selmer" is not claimed apart from the mark and the word "Cord" is not claimed except in the association shown.
For Specially Constructed Electric Cord with Special Outlets, Particularly Adapted for Use with Electric Lighting Fixtures Used in Bands and Orchestras.
Claims use since Mar. 8, 1938.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 401,955. JOSEF ZIMMER, Brooklyn, N. Y. Filed Jan. 15, 1938.



No claim is made to the words "Swimming-Shoe" apart from the mark.

For Fins for Attachment to the Feet for Use as Aids in Swimming.

Claims use since Nov. 1, 1937.

Ser. No. 405,315. J. L. PARSONS & SONS, Bloomingdale, N. Y. Filed Apr. 15, 1938.



No claim is made to the words "Lake Placid", "Ski", and "Bloomingdale, N. Y." apart from the mark.

For Skis.

Claims use since Feb. 5, 1938.

Ser. No. 409,175. O. SCHOENHUT INC., Philadelphia, Pa. Filed Aug. 2, 1938.

TIDDLE TENNIS

No claim is made to the word "Tennis" apart from the mark.

For Table Game Similar to Table Tennis Except That Small Disks are Snapped Back and Forth Over a Net with Paddle Shaped Pieces.

Claims use since June 8, 1938.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 386,483. G. N. COUGHLAN CO., INC., Orange, N. J. Filed Dec. 8, 1936.

Easy-Aid

For Pea Shellers, Kitchen Shears, Jar Openers, Egg Slicers, Pie and Cake Servers, Paring Knives, Grapefruit Knives, Slicing Knives, Egg Slicer Frames, Pot Holders, Bread Knives, Can Openers, Ice Picks, Cake Turners, Wire Forks, Basting Spoons, Scoops, Salad Ballers, Corer and Parers, Potato Mashers, Batter Whips, Graters, Mixing Spoons, Plate Scrapers, Vegetable Servers, Vegetable Brushes, Vegetable Mashers, Kitchen Forks.

Claims use since July 22, 1935.

Ser. No. 403,264. KNAPP ELECTRIC SHAVER, INC., Long Island City, N. Y., assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri. Filed Feb. 21, 1938.

K-M

For Hair Clippers and Electric Shavers.

Claims use since Jan. 25, 1938.

Ser. No. 404,692. THE CUSHMAN MOTOR WORKS, Lincoln, Nebr. Filed Mar. 31, 1938.



All notations except "Cubs" and the corporate name are disclaimed.

For Internal Combustion Engines and Structural Parts Thereof.

Claims use since Nov. 12, 1927.

Ser. No. 405,977. THE ALLSTEEL PRODUCTS MANUFACTURING COMPANY, Wichita, Kans. Filed May 4, 1938.

MOBILHOIST CARDWELL

For Tractor Type, General Well Servicing Units with Various Assemblies for Cleanout, Deepening, or Drilling in with Cable Tools and for Rotary and Core Drilling Operations.

Claims use since Jan. 10, 1938.

Ser. No. 407,305. CONE AUTOMATIC MACHINE COMPANY INC., Windsor, Vt. Filed June 10, 1938.

CONOMATIC

For Automatic Lathes and Screw Machines.

Claims use since May 26, 1932.

Ser. No. 407,654. ARMSTRONG CORK PRODUCTS COMPANY, Lancaster, Pa. Filed June 20, 1938.

Accotex

For Finished and Substantially Finished Rolls, Roll Covers, Cots, and Tubing for Textile Mill Usage.

Claims use since Apr. 30, 1937.

Ser. No. 407,987. HICKOK MANUFACTURING COMPANY, INC., Rochester, N. Y. Filed June 28, 1938.

KOINIFE

For Pocket Knives of Non-Precious Metal.

Claims use since Nov. 23, 1937.

Ser. No. 408,827. THE BEARDSLEY & PIPER COMPANY, Chicago, Ill. Filed July 23, 1938.

Speedmullor

For Apparatus for Treating and Conditioning Molding Sand and Other Granular Material.

Claims use since May, 1937.

CLASS 24

Laundry Appliances and Machines

Ser. No. 403,518. NATIONAL MOTOR COMPANY, Springfield, Ohio. Filed Feb. 28, 1938.

National

For Clothes Washing Machines.

Claims use since 1907.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 402,346. SCHUTTE & KOERTING COMPANY, Philadelphia, Pa. Filed Jan. 26, 1938.

UNIVERSAL

For Rotameters.

Claims use since Jan. 20, 1938.

Ser. No. 404,757. JAMES H. GRAVELL, Ambler, Pa. Filed Apr. 1, 1938.

HARMONATOR

For Mechanical Educational Device for Demonstrating the Harmonic Relationship in Music.

Claims use since Feb. 25, 1938.

Ser. No. 404,966. UNIVERSAL CAMERA CORPORATION, New York, N. Y. Filed Apr. 6, 1938.

CRYSTALUX

For Moving Picture Projection Screens.

Claims use since June, 1937.

Ser. No. 406,783. J. K. SMIT & SONS OF MICHIGAN, INC., Detroit, Mich. Filed May 26, 1938.

INDENT POINT

Applicant Disclaims the word "Point" apart from the mark.

For Diamond Pointed Tools Employed in Hardness Testing Machines.

Claims use since Mar. 19, 1938.

Ser. No. 407,608. SHEET POLARIZER COMPANY, INC., Union City, N. J. Filed June 17, 1938.

POLAROID CANCELATOR

For Sheets of Optically Anisotropic Plastics, Resins, or Gums, and More Specifically Fractional Wave Retardation Sheets of the Said Materials.

Claims use since Mar. 15, 1938.

Ser. No. 408,194. "THE MAYFLOWER" PICTURES CORPORATION LIMITED, London, England. Filed July 5, 1938.



Mayflower PICTURES

The word "Pictures" except as it forms a part of the entire mark is disclaimed.

For Cinematograph Films With or Without Sound Tracks, Being Transparencies for Exhibition.

Claims use since Jan. 28, 1938.

Ser. No. 408,497. EASTMAN KODAK COMPANY, Jersey City, N. J., and Rochester, N. Y. Filed July 14, 1938.

BULL'S EYE

For Photographic Cameras.

Claims use since June 7, 1938.

CLASS 27

Horological Instruments

Ser. No. 402,841. BULARD WATCH CO. INC., New York, N. Y. Filed Feb. 9, 1938.

KINGSLY

For Watches.

Claims use since Jan. 3, 1938.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 409,148. L. BAMBERGER & CO., Newark, N. J. Filed Aug. 2, 1938.

PIN MONEY

For Bracelets, Rings, Brooches, Bar Pins, Necklaces, Earrings, and Pendants.

Claims use since July 12, 1938.

Ser. No. 409,260. COHN & ROSENBERGER, INC., New York, N. Y. Filed Aug. 5, 1938.

MAGIC EYE

For Necklaces and Bracelets, Finger Rings, Earrings, Jewelry, Clips, Brooches, Lockets, and the Following Goods Made in Whole or in Part of Precious Metal or Plated with the Same: Beads, Pins, Hat Ornaments, Hair Ornaments, Holders for Face Powder Compacts, Comb Cases, Cigarette Cases, Fancy Cigarette Boxes, Fancy Buckles, and Jewelry Initials.
Claims use since July 1, 1938.

CLASS 32

Furniture and Upholstery

Ser. No. 377,722. ROYAL METAL MANUFACTURING CO., Chicago, Ill. Filed Apr. 27, 1936.

Siesta
WROUGHT BY ROYAL
Furniture

The term "Furniture" is disclaimed apart from the mark.
For Metal Furniture, Comprising Chairs, Tables, Settees, Stands, and Combination Tray-Top Stands.
Claims use since Mar. 19, 1936.

Ser. No. 407,165. TRIMBLE NURSERYLAND FURNITURE, INC., Rochester, N. Y. Filed June 6, 1938.

TIP-TOP
KIDDIE-BATH

Applicant disclaims the words "Kiddie-Bath" apart from the mark.
For Infants' Bath Stands.
Claims use since Apr. 4, 1938.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 399,923. FARRAR & TREFTS, INCORPORATED, Buffalo, N. Y. Filed Nov. 19, 1937.

BISON

For Pressure Tanks and Hot Water and Steam Boilers for Heating and Power Purposes.
Claims use since Jan. 2, 1931.

Ser. No. 402,457. THE ANDERSON COMPANY, Gary, Ind. Filed Jan. 29, 1938.

BREEZE-MASTER

For Fans for Inside Vehicle Window Defrosting and Drying by Air Circulation.
Claims use since Dec. 3, 1937.

Ser. No. 406,285. EASTMAN KODAK COMPANY, Jersey City, N. J., and Rochester, N. Y. Filed May 13, 1938.

EASTMAN

Under section 5b of the act of 1905 as amended in 1920.
For Forced Draft Darkroom Ventilators.
Claims use since May 10, 1937.

Ser. No. 407,804. KATHARINE M. FISHER, doing business as Ellis G. Fisher Company, Phoenix, Ariz. Filed June 23, 1938.

WEATHERTAMER

For Evaporative Cooler and Humidifier for Cooling Residences and Other Buildings in Summer and for Use as an Auxiliary to the Heating System in Winter by Producing a Forced Draft and Adding Humidity to the Air.
Claims use since Apr. 27, 1938.

CLASS 36

Musical Instruments and Supplies

Ser. No. 398,559. C. G. CONN, LTD., Elkhart, Ind. Filed Oct. 16, 1937.

Leedy
OCTARIMBA

The name "Leedy" is disclaimed apart from the mark.
For Musical Instruments of the Xylophone Type.
Claims use since June 14, 1937.

Ser. No. 402,277. PROGRESSIVE MUSICAL INSTRUMENT CORPORATION, New York, N. Y. Filed Jan. 24, 1938.

ENRICO ROBELLA

No claim is made to the words "Enrico Robella" apart from the mark.
For Musical Instruments—Namely, Violins, Violas, Cellos, String Basses, Guitars, Mandolins—and String Instrument Accessories.
Claims use since Dec. 31, 1931.

Ser. No. 408,121. NATIONAL BROADCASTING COMPANY, INC., New York, N. Y. Filed July 1, 1938.

NBC

For Chimes.
Claims use since May 24, 1938.

CLASS 37

Paper and Stationery

Ser. No. 403,285. STANDARD MAILING MACHINES COMPANY, Everett, Mass. Filed Feb. 21, 1938.

Standard

Applicant disclaims the word "Standard" apart from the mark.
For Typewriter, Writing, Master Copy, Copy Paper, and Envelopes.
Claims use since Aug. 16, 1937.

Ser. No. 407,718. CROWN ZELLERBACH CORPORATION, doing business as Crown Willamette Paper Company, San Francisco, Calif. Filed June 21, 1938.

MOISTITE

Applicant is the owner of Reg. No. 205,155.
For Wrapping Paper.
Claims use since Jan. 1, 1932.

Ser. No. 408,246. DAVID KAHN, INC., North Bergen, N. J. Filed July 6, 1938.

TRANS-VUE

For Fountain Pens, Mechanical Pencils, Pencil Lead Containers, Pen and Pencil Sets, and Pen Desk Sets.
Claims use since March, 1938.

Ser. No. 408,617. CONSOLIDATED PAPER MANUFACTURING CO., Los Angeles, Calif. Filed July 18, 1938.

SORBTEX

For Toilet Tissue, Paper Napkins, and Paper Towels.
Claims use since May 17, 1938.

Ser. No. 408,627. UNITED STATES PAPER COMPANY, Los Angeles, Calif. Filed July 18, 1938.

Colortex

For Toilet Tissue, Paper Napkins, and Paper Towels.
Claims use since May 17, 1938.

CLASS 38

Prints and Publications

Ser. No. 401,996. FAIRCHILD PUBLICATIONS, CORP., doing business as Fairchild News Service, New York, N. Y. Filed Jan. 17, 1938.

Fashion Flashes

For News Column.
Claims use since Aug. 24, 1934.

Ser. No. 403,608. NATIONAL OIL MARKETERS ASSOCIATION, Washington, D. C. Filed Mar. 2, 1938.

NOMA Oil Notes

For Magazines.
Claims use since Jan. 15, 1938.

Ser. No. 404,057. ROW, PETERSON & COMPANY, Evanston, Ill. Filed Mar. 14, 1938.

THE ALICE AND JERRY BOOKS

The word "Books" is disclaimed apart from the mark shown.
For Books as a Series and Picture Cards.
Claims use since January, 1934.

Ser. No. 406,017. THE REUBEN H. DONNELLEY CORPORATION, Chicago, Ill., and Los Angeles, Calif. Filed May 5, 1938.

DONNELLEY'S
MOTOR RECORDER
OF CALIFORNIA
MOTOR-TAX

Representation of the map of California and the word "California" are disclaimed apart from the mark.
For Trade Paper.
Claims use since December, 1933.

Ser. No. 407,198. THE REGENTS OF THE UNIVERSITY OF MICHIGAN, Ann Arbor, Mich. Filed June 7, 1938.

ARS ISLAMICA

For Periodical Publication.
Claims use since January, 1934.

Ser. No. 407,548. HONOLULU STAR-BULLETIN, LTD., Honolulu, Hawaii. Filed June 16, 1938.

Hawaii
FARM and HOME

The word "Hawaii" is disclaimed apart from the mark.
For Periodical.
Claims use since Dec. 30, 1937.

Ser. No. 407,939. BUSINESS SCREEN MAGAZINES, INC., Chicago, Ill. Filed June 27, 1938.

BUSINESS SCREEN

For Magazine.
Claims use since June 15, 1938.

Ser. No. 408,483. THE BUFFALO TIMES COMPANY, INC., Buffalo, N. Y. Filed July 9, 1938.

CHART TO HAPPINESS

By MRS. SAGE

No claim is made to the words "Mrs. Sage" apart from the mark.
For Newspaper Column.
Claims use since Apr. 6, 1936.

Ser. No. 408,484. THE BUFFALO TIMES COMPANY, INC., Buffalo, N. Y. Filed July 9, 1938.

Milady Shops in Buffalo

By DOROTHY WINTHROP

No claim is made to the words "Buffalo" and "Dorothy Winthrop" apart from the mark.
For Newspaper Column.
Claims use since Sept. 21, 1936.

Ser. No. 408,533. CONSOLIDATED DECALCOMANIA CORPORATION, Jamaica, N. Y. Filed July 15, 1938.

WATERLAC

For Decalcomania.
Claims use since Mar. 25, 1938.

Ser. No. 408,572. HOLES ADVERTISING PRESS, INCORPORATED, St. Cloud, Minn. Filed July 16, 1938.

DRUG NEWS

For Periodical.
Claims use since June 5, 1938.

Ser. No. 408,809. REAL ADVENTURES PUBLISHING CO., INC., New York, N. Y. Filed July 22, 1938.

JUMBO COMICS

For Periodical.
Claims use since July 1, 1938.

Ser. No. 408,981. COMMERCE CLEARING HOUSE, INC., Chicago, Ill. Filed July 26, 1938.

TAXES ON PARADE

For Printed News Bulletin Published at Irregular Intervals.
Claims use since Jan. 1, 1938.

CLASS 39

Clothing

Ser. No. 375,837. BEE HAT & CAP CO., St. Louis, Mo. Filed Mar. 11, 1936.

UpTown

For Men's and Boys' Hats and Caps.
Claims use since February, 1934.

Ser. No. 392,894. SEIDENBACH'S, INC., Tulsa, Okla. Filed May 17, 1937.

Seidenbach's Denlie

For Hosiery and Women's Underwear.
Claims use since Feb. 6, 1937.

Ser. No. 397,926. COHEN, GOLDMAN & CO. INC., New York, N. Y. Filed Sept. 29, 1937.

Leisure-Slak

The word "Slak" is disclaimed apart from the mark.
For Men's and Boys' Trousers and Pants.
Claims use since Aug. 1, 1937.

Ser. No. 405,765. SALVADOR CUETARA, Boston, Mass. Filed Apr. 27, 1938.

BOSTON BRAND

Applicant disclaims the phrase "Boston Brand."
For Shoes and Slippers Made of Leather, Rubber, or Fabric, or of Various Combinations Thereof.
Claims use since Apr. 18, 1936.

Ser. No. 407,220. GORDON & FERGUSON COMPANY, St. Paul, Minn. Filed June 8, 1938.

VELVAHYDE

For Leather Jackets, Coats, Vests, Blouses, Shirts, and Breeches for Men, Women, and Children.
Claims use since Mar. 1, 1938.

Ser. No. 407,382. MARSHALL FIELD & COMPANY, Chicago, Ill. Filed June 11, 1938.

KAPER KAP

The word "Kap" is disclaimed apart from the mark.
For Women's and Misses' Hats.
Claims use since Feb. 1, 1938.

Ser. No. 407,598. THE MAJESTIC KNITWEAR COMPANY, Cleveland, Ohio. Filed June 17, 1938.

MATCH-TRIX

For Women's and Girls' Outer Skirts, Sweaters, and Dresses.
Claims use since June 3, 1938.

Ser. No. 407,792. BROWN DURRELL CO., Boston, Mass., and New York, N. Y. Filed June 23, 1938.

Gordon WINKS

Applicant is the owner of trade-mark registrations Number 189,188, Number 219,861, and Number 57,881, effected under the 10-year proviso.
For Hosiery.
Claims use since June 10, 1938.

Ser. No. 407,990. HARRY LEVY, New York, N. Y. Filed June 28, 1938.

PHYSICAL ARCH GRIPPER WALK WITH JOY

The phrase "Physical Arch Gripper" is disclaimed.
For Shoes Made of Combinations of Leather, Rubber, and Fabric.
Claims use since Jan. 1, 1933.

Ser. No. 408,004. J. BLACH & SONS, INC., Birmingham, Ala. Filed June 29, 1938.

Blachsly

The trade-mark is the word "Blachsly."
For Hosiery, Fabric Gloves, Underwear for Women, Outer Skirts, and Blouses for Women.
Claims use since Jan. 2, 1936.

Ser. No. 408,026. GORDON V. LYONS, INC., New York, N. Y. Filed June 29, 1938.

GENUINE *Llama Shag* Britainaire FABRIC

The words "Genuine", "Llama Shag", and "Fabric" are disclaimed apart from the mark.
For Women's and Misses' Coats and Suits Containing a Substantial Content of Alpaca, Llama's Hair, Wool, and Mohair.
Claims use since Apr. 29, 1937.

Ser. No. 408,063. GORDON V. LYONS, INC., New York, N. Y. Filed June 30, 1938.

ANTELOPE EXCLUSIVE WITH Britainaire

The words "Antelope" and "Exclusive With" are disclaimed apart from the mark.
For Women's and Misses' Coats and Suits.
Claims use since Mar. 24, 1937.

Ser. No. 408,229. BOSTON MARILYN DRESSES, Boston, Mass. Filed July 6, 1938.

Spraymist

For Women's and Misses' Dresses, Suits, Skirts, Negligees, and House Coats.
Claims use since June, 1935.

Ser. No. 408,233. BULLOCK'S, INC., Los Angeles, Calif. Filed July 6, 1938.

Staytly Stout

The word "Stout" is disclaimed except as shown.
For Foundations, Girdles, and Corsets.
Claims use since Oct. 6, 1937.

Ser. No. 408,239. GANIS BROTHERS, New York, N. Y. Filed July 6, 1938.

Nite Star



For Bathrobes, Night Shirts, Gowns, Pajamas.
Claims use since June 15, 1936.

Ser. No. 408,471. A. E. NETTLETON COMPANY, Syracuse, N. Y. Filed July 13, 1938.

LAZY LACER

The word "Lacer" is disclaimed except as shown.
For Ladies', Men's, and Boys' Shoes. Made of Leather, Rubber, Fabric, or Various Combinations of Such Materials.
Claims use since July 5, 1938.

Ser. No. 408,565. DRUEDING BROTHERS COMPANY, Philadelphia, Pa. Filed July 16, 1938.

DRUCO

For Sweat Bands Made of Leather for Hats.
Claims use since Feb. 1, 1932.

Ser. No. 408,684. AMERICAN MAID COMPANY, INC., Chicago, Ill. Filed July 20, 1938.

Contourette

For Girls', Misses', and Women's Brassières and Underskirts Formed in One Piece and Known as Combinations.
Claims use since June 30, 1938.

Ser. No. 408,699. GENERAL SHOE CORPORATION, Nashville, Tenn. Filed July 20, 1938.

Easy Street

For Boots, Shoes, and Slippers of Leather, Fabric, or Combinations Thereof.
Claims use since June 1, 1904.

Ser. No. 408,915. THE EASTERN ISLES IMPORTING CO., INC., New York, N. Y. Filed July 26, 1938.

JITTERBUG

For Ladies' and Children's Pajamas and Housecoats.
Claims use since June 30, 1938.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 408,456. LOUIS COHEN, New York N. Y. Filed July 13, 1938.



"Kurl" is disclaimed apart from the mark.
For Woolen Fabrics in the Piece.
Claims use since Jan. 1, 1938.

Ser. No. 408,461. BEN GREENHOLTZ, New York, N. Y. Filed July 13, 1938.



The words "Real Persian Lamb Effect" are disclaimed apart from the mark.
For Pile Fabrics of Cotton and Wool Mixtures in the Piece.
Claims use since June 1, 1936.

Ser. No. 409,044. M. LOWENSTEIN & SONS, INC., New York, N. Y. Filed July 29, 1938.

YIPPEE

For Cotton and Rayon Piece Goods and Dress Goods.
Claims use since July 13, 1938.

Ser. No. 409,061. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed July 29, 1938.

GUEST CHAMBER

For Sheets, Pillowcases, Pillow Tubings, Sheetings, and Mattress Covers.
Claims use since January, 1921.

Ser. No. 409,063. W. & J. SLOANE, New York, N. Y. Filed July 29, 1938.

Maytime

For Sheets and Pillow Cases.
Claims use since May 1, 1938.

Ser. No. 409,157. COHN-HALL-MARX CO., New York, N. Y. Filed Aug. 2, 1938.

TRAVELCADE

For Cotton, Rayon, Acetate, and Silk Piece Goods.
Claims use since July 6, 1938.

Ser. No. 409,159. CHARLES W. CONAWAY, New York, N. Y. Filed Aug. 2, 1938.

SERJ-A-DEEN

For Woolen and Cotton Fabrics in the Piece.
Claims use since April, 1938.

Ser. No. 409,211. ROCK HILL WOOLENS, INC., New York, N. Y. Filed Aug. 3, 1938.

Rock-Moor

For Textile Fabrics, in the Piece, Composed of Wool and Wool in Combination with Cotton, Linen, Silk and Rayon.
Claims use since June, 1937.

Ser. No. 409,254. ARTLOOM CORPORATION, Philadelphia, Pa. Filed Aug. 5, 1938.

WILMINSTERS

For Carpets and Rugs.
Claims use since July 10, 1938.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 405,190. ROSS A. BELL, Oklahoma City, Okla. Filed Apr. 13, 1938.

Radio Magnetic Generator

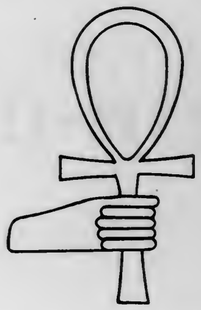
Applicant disclaims the words "Magnetic" and "Generator" apart from the mark.
For Electro-Magnetic-Vibrator for the Specific Use as a Therapeutic Agency to Apply to the Body to Ease Pain, Relax the Muscles and Stimulate the Circulation Thereby Physically Aiding Nature.
Claims use since Aug. 1, 1932.

Ser. No. 405,584. AMERICAN PRODUCTS CO., San Francisco, Calif. Filed Apr. 22, 1938.



The words "Silent Sleep" and "Stop-Snor" are disclaimed apart from the mark.
For Mouth Pieces for the Prevention of Snoring.
Claims use since Mar. 11, 1938.

Ser. No. 408,343. S. & R. J. EVERETT & COMPANY LIMITED, Thornton Heath, England. Filed July 9, 1938.



For Surgical Needles, Surgical Sutures, and Surgical Syringes.
Claims use since Nov. 14, 1932.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 401,897. EDW. H. GRUBER, doing business as Gruber Bottling Works, Philadelphia, Pa. Filed Jan. 14, 1938.



The words "Bottled By", "Phila., Pa.", "Drinks", "Perfect Beverage" and "Alkalizing Mixer" are claimed only in association shown.
For Non-Alcoholic, Non-Cereal, Maltless Beverages Sold as Soft Drinks, and Syrups and Extracts for Making the Same.
Claims use since Dec. 23, 1937.

Ser. No. 406,691. H. R. NICHOLSON COMPANY, Baltimore, Md. Filed May 24, 1938.

AMERICA'S taste SENSATION

No claim is made to the word "America's" apart from the mark.
For Nonalcoholic, Maltless Beverage, a Cola Drink.
Claims use since January, 1936.

Ser. No. 409,030. FEIGENSON BROTHERS CO., doing business as Faygo Beverage Co., Detroit, Mich. Filed July 29, 1938.

WON-UP

For Non-Alcoholic, Non-Cereal, Maltless Beverages Sold as Soft Drinks, and Sirups, Extracts, and Flavors Used in Making the Same.
Claims use since Oct. 15, 1937.

Ser. No. 409,186. ALLEN E. BROWN, doing business as Brown Beverage Company, Houston, Tex. Filed Aug. 3, 1938.

21

For Nonalcoholic Beverages.
Claims use since July 28, 1938.

Ser. No. 409,205. GARABED S. PAPAZIAN, doing business as Papazian Coffee Co., West New Brighton, N. Y. Filed Aug. 3, 1938.

PAPAZIAN CLEAROMA-COFFEE P Genuine

No claim is made to the words "Coffee" or "Genuine" apart from the mark.
For Sirup Used in the Manufacture of Non-Alcoholic Maltless Beverages.
Claims use since July 21, 1938.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 378,491. MAIER'S BAKERY, Reading, Pa. Filed May 15, 1936.

Maier's RED-BO

No claim is made to the word "Maier's" apart from the mark.
For Bakery Products—Namely, Cakes, Pies, Bread, and Rolls.
Claims use since Aug. 1, 1931.

Ser. No. 397,375. N. V. ORGANON, Oss, Netherlands. Filed Sept. 13, 1937.



The representation of the container is disclaimed apart from the mark.
For Synthetic Dietetic Foodstuffs Containing Carbo-Hydrates, Proteins, Fats, Water, Vitamins, and Hormones.
Claims use since May 4, 1929.

Ser. No. 397,562. N. V. ORGANON, Oss, Netherlands. Filed Sept. 21, 1937.

ORGANON

For Synthetic Dietetic Foodstuffs Containing Carbo-Hydrates, Proteins, Fats, Water, Vitamins, and Hormones.
Claims use since Apr. 24, 1934.

Ser. No. 398,535. GENERAL MILLS, INC., Minneapolis, Minn. Filed Oct. 15, 1937.

MONEY MAKER

For Flour, Particularly Wheat Flour.
Claims use since 1912.

Ser. No. 401,516. THE WOLF MILLING CO., Ellinwood, Kans. Filed Jan. 3, 1938.



The terms "The Finest Flour That Can Be Milled" and "Wolf Milling Co. Ellinwood, Kansas" are disclaimed apart from the mark.
For Plain, Phosphated, and Self-Rising Wheat Flour.
Claims use since Oct. 23, 1937.

Ser. No. 402,948. CLARENCE NISHIZU, Buena Park, Calif. Filed Feb. 11, 1938.

VIGO-MOR

The word "Vigo" is disclaimed apart from the mark.
For Fresh Tomato and Celery.
Claims use since Dec. 18, 1937.

Ser. No. 403,900. JOSEPH BATTEN, doing business as Angelica Foods, Caldwell, N. J. Filed Mar. 10, 1938.

Angelica

For Baked Beans.
Claims use since Nov. 17, 1937.

Ser. No. 405,790. WESTERN CONDENSING COMPANY, San Francisco, Calif. Filed Apr. 27, 1938.

PIGROW

For Modified Dried Whey for Animal Consumption, and Especially for Feeding Pigs.
Claims use since Oct. 15, 1937.

Ser. No. 406,594. MESA CITRUS GROWERS, Mesa, Ariz. Filed May 21, 1938.

RED ARIZONA BRAND

No claim is made to the words "Arizona" and "Brand".
For Fresh Citrus Fruit.
Claims use since May 7, 1938.

Ser. No. 406,640. THE GLIDDEN COMPANY, Cleveland, Ohio. Filed May 23, 1938.

ALBUSOY

For Powdered Vegetable Protein Compound Sold for Use as a Whipping or Leavening Agent in Bakery and Confectionery Products and the Like.
Claims use since Aug. 19, 1937.

Ser. No. 407,761. THE MENNEL MILLING COMPANY, Toledo, Ohio, doing business as Waterside Milling Company, Fostoria, Ohio. Filed June 22, 1938.



The representation of a baker is fanciful.
For Wheat Flour.
Claims use since Apr. 2, 1937.

Ser. No. 407,936. PAUL F. BEICH COMPANY, Bloomington and Chicago, Ill. Filed June 27, 1938.

FIL-A-BUSTER

For Candy.
Claims use since Feb. 21, 1938.

Ser. No. 407,937. PAUL F. BEICH COMPANY, Bloomington and Chicago, Ill. Filed June 27, 1938.

DIPSY DOODLE

For Candy.
Claims use since Mar. 2, 1938.

Ser. No. 408,432. JOHN MORRELL & Co., Ottumwa, Iowa. Filed July 12, 1938.

ABC

For Dog Food.
Claims use since June 16, 1938.

Ser. No. 408,857. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Filed July 23, 1938.

WHITE MOON

For Wheat Flour.
Claims use since Mar. 1, 1938.

Ser. No. 408,926. JOE LOWE CORPORATION, New York, N. Y. Filed July 26, 1938.

THIRTY-NINER

For Frozen Confections.
Claims use since July 22, 1938.

Ser. No. 408,945. ORLANDO E. FARINA, doing business as M. Farina & Sons, San Francisco, Calif. Filed July 27, 1938.

COLLINA

For Fresh Grapes.
Claims use since January, 1930.

Ser. No. 408,973. SWEET CANDY COMPANY, Salt Lake City, Utah. Filed July 27, 1938.

GANG BUSTERS

For Candy.
Claims use since Feb. 5, 1938.

CLASS 47

Wines

Ser. No. 407,523. BOUCHARD AINÉ & FILS, Beaune, France. Filed June 16, 1938.





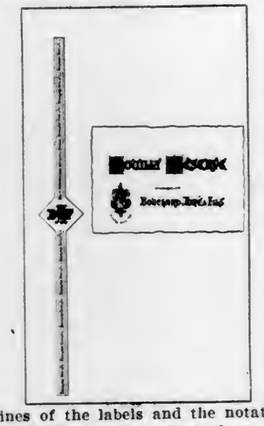
The outlines of the labels and the notations "Négociants a Beaune, Côte d'Or, France, Déposé" are disclaimed apart from the mark.
For Wines.
Claims use since 1933.

Ser. No. 407,524. BOUCHARD AINÉ & FILS, Beaune, France. Filed June 16, 1938.



The outline of the label and the words "Beaune (France)" are disclaimed apart from the mark.
For Wines.
Claims use since 1933.

Ser. No. 407,525. BOUCHARD AINÉ & FILS, Beaune, France. Filed June 16, 1938.



The outlines of the labels and the notations "Pouilly Reserve" and "Mis en Bouteilles dans nos Caves à Beaune" are disclaimed apart from the mark.
For Wines.
Claims use since 1912.

Ser. No. 407,526. BOUCHARD AINÉ & FILS, Beaune, France. Filed June 16, 1938.



The outlines of the labels and the notation "Mis en Bouteilles dans nos Caves à Beaune" are disclaimed apart from the mark.
For Wines.
Claims use since 1933.

Ser. No. 407,527. BOUCHARD AINÉ & FILS, Beaune, France. Filed June 16, 1938.



The outline of the label and the words "Grand Vin" are disclaimed apart from the mark.
For Wines.
Claims use since 1933.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 408,423. THE HILL & GRIFFITH CO., Cincinnati, Ohio. Filed July 12, 1938.

FLUXEM

For Composition of Matter for Admixture with Metal Shavings, Waste, and the Like for Eliminating Dross Incident to Smelting and Purification of Such Waste Metals or Shavings.
Claims use since June 17, 1938.

TRADE-MARK REGISTRATIONS GRANTED

SEPTEMBER 20, 1938

[ACT OF FEBRUARY 20, 1905]

360,426. POWDERED MATERIAL FOR USE IN COATING, FILLING, OR TREATING PRINTING PAPER. A. M. MEINCKE & SON, INC., Chicago, Ill.
Filed March 9, 1936. Serial No. 375,768. PUBLISHED JUNE 28, 1938. Class 6.

360,427. WOMEN'S HATS. R. H. MACY & CO., INC., New York, N. Y.
Filed July 21, 1936. Serial No. 381,276. PUBLISHED JULY 12, 1938. Class 39.

360,428. BATHING CAPS, LATEX PANTS FOR BABIES, AND LATEX SWIM PANTS. INTERNATIONAL LATEX CORPORATION, Rochester, N. Y.
Filed September 2, 1936. Serial No. 382,979. PUBLISHED JUNE 7, 1938. Class 39.

360,429. BATHING CAPS, LATEX PANTS FOR BABIES, AND LATEX SWIM PANTS. INTERNATIONAL LATEX CORPORATION, Rochester, N. Y.
Filed September 2, 1936. Serial No. 382,980. PUBLISHED JUNE 14, 1938. Class 39.

360,430. CIGARS. JNO. H. SWISHER & SON, INC., Jacksonville, Fla.
Filed October 2, 1936. Serial No. 383,903. PUBLISHED JULY 12, 1938. Class 17.

360,431. BAKERY PRODUCTS—NAMELY, BREAD, ROLLS, DOUGHNUTS, PIES, NOT INCLUDING FIG BARS OR BARS OF OTHER FRUIT AND/OR CONFECTION CONTENT. HELMS BAKERIES, Los Angeles, Calif.
Filed October 10, 1936. Serial No. 384,211. PUBLISHED JULY 12, 1938. Class 46.

360,432. COAL. SYCAMORE COAL CORPORATION, Cinderella, W. Va.
Filed February 15, 1937. Serial No. 388,962. PUBLISHED JULY 12, 1938. Class 1.

360,433. ASTRINGENTS, ASTRINGENT CERATES, BEAUTY CREAMS, BLEACH CREAMS, COLD CREAMS, CLEANSING CREAMS, ETC. PAULIAN DRUG & CHEMICAL COMPANY, St. Louis, Mo.
Filed February 23, 1937. Serial No. 389,264. PUBLISHED JUNE 28, 1938. Class 6.

360,434. SKIN TONIC, ASTRINGENT, AND POWDER BASE. ERNESTINE FOWLER, doing business as Betty Wells Cosmetic Co., San Francisco, Calif.
Filed March 11, 1937. Serial No. 380,914. PUBLISHED JUNE 28, 1938. Class 6.

360,435. ANTISEPTIC FOR FEMININE HYGIENE. PYNOSOL LABORATORIES, INC., Chicago, Ill.
Filed March 29, 1937. Serial No. 390,668. PUBLISHED JULY 5, 1938. Class 6.

360,436. LINIMENT FOR RELIEF OF PAINS CAUSED BY MUSCULAR RHEUMATISM, NEURALGIA, HEADACHE, BACKACHE, SORE JOINTS, SWOLLEN MUSCLES OR JOINTS, SPRAINS, BRUISES, FROZEN LIMBS, AND MINOR FORMS OF COLIC AND CRAMPS OF MAN OR BEAST. DR. H. C. LEMKE MEDICINE CO., Chicago, Ill.
Filed April 19, 1937. Serial No. 391,671. PUBLISHED JULY 5, 1938. Class 6.

360,437. PORTABLE PYROPHORIC LIGHTERS. CAN-O-LITES MANUFACTURING CORP., Youngstown, Ohio.
Filed April 29, 1937. Serial No. 392,023. PUBLISHED JULY 12, 1938. Class 34.

360,438. WRENCHES AND WRENCH SETS. INDESTRO MANUFACTURING CORP., Chicago, Ill.
Filed May 1, 1937. Serial No. 392,125. PUBLISHED JULY 12, 1938. Class 23.

360,439. ADDRESSING MACHINES AND STENCIL PRINTING APPARATUS AND ATTACHMENTS THEREFOR, AND PRINTING DEVICES FOR USE THEREWITH. THE ELLIOTT ADDRESSING MACHINE COMPANY, Cambridge, Mass.
Filed May 1, 1937. Serial No. 392,137. PUBLISHED JULY 12, 1938. Class 23.

360,440. FOUNTAIN PENS, FOUNTAIN FEED PENS, MECHANICAL PENCILS, PEN AND PENCIL SETS, RUBBER ERASERS, PENCIL LEADS, AND PEN POINTS. DAVID KAHN, INC., North Bergen, N. J.
Filed May 6, 1937. Serial No. 392,370. PUBLISHED JULY 12, 1938. Class 37.

360,441. HAND-OPERATED RAZOR BLADE STROPPING DEVICES. CHARLES L. JAMES, San Francisco, Calif.
Filed May 10, 1937. Serial No. 392,537. PUBLISHED JULY 12, 1938. Class 23.

360,442. WHISKEY. THE DAVIESS COUNTY DISTILLING CO., INCORPORATED, Owensboro, Ky.
Filed May 19, 1937. Serial No. 392,966. PUBLISHED JULY 12, 1938. Class 49.

360,443. DIGESTIVE TONICS, COD LIVER OILS, HYPOPHOSPHITE COD LIVER OILS; SARSAPARILLA TONICS, IODOTANNIQUE TONICS, BEEF, IRON, AND WINE TONICS; RUSSIAN OILS, ETC. ROMEO PARENT, doing business as Familex Products Company, Montreal, Quebec, Canada.
Filed May 24, 1937. Serial No. 393,198. PUBLISHED JULY 5, 1938. Class 6.

360,444. CHLORINATED LIME. CHAMPION CHEMICAL WORKS, INCORPORATED, New York, N. Y.
Filed May 27, 1937. Serial No. 393,317. PUBLISHED JULY 5, 1938. Class 6.

360,445. TOOTH PASTE. EDGAR C. KAYE, Gurnee, Ill.
Filed June 9, 1937. Serial No. 393,858. PUBLISHED JULY 12, 1938. Class 6.

360,446. FRESH VEGETABLES. DOLLAR PACKING COMPANY, Salinas, Calif.
Filed June 12, 1937. Serial No. 393,976. PUBLISHED JULY 12, 1938. Class 46.

360,447. SHAMPOO, HAIR WASH, AND HAIR BEAUTIFIER PREPARATION. CLAIROL, INC., New York, N. Y.
Filed June 28, 1937. Serial No. 394,582. PUBLISHED JUNE 28, 1938. Class 6.

360,448. DEVICES OF THE TYPE USING A VIBRATORY-SWITCH CURRENT-INTERRUPTER-RECTIFIER MEANS TOGETHER WITH VOLTAGE TRANSFORMING AND FILTERING MEANS TO CONVERT DIRECT CURRENT OF ONE VOLTAGE INTO DIRECT CURRENT OF ANOTHER VOLTAGE, AND PARTS THEREOF. RCA MANUFACTURING COMPANY, INC., Camden, N. J.
Filed July 7, 1937. Serial No. 394,955. PUBLISHED JULY 12, 1938. Class 21.

360,449. COMBINATION COMB AND BRUSH SETS AND TOILET SETS CONSISTING OF COMBS, BRUSHES, MIRRORS, MANICURE FILES, NAIL BUFFERS, MANICURE STICKS, ETC. S. H. KRESS AND COMPANY, New York, N. Y.
Filed July 27, 1937. Serial No. 395,672. PUBLISHED JULY 12, 1938. Class 40.

360,450. SLEEP INDUCING AGENTS AND PREPARATIONS. JOHANN A. WÜLFING, Berlin, Germany.
Filed August 3, 1937. Serial No. 395,973. PUBLISHED JULY 12, 1938. Class 6.

360,451. LADIES', MISSES', AND CHILDREN'S HATS AND HAT BODIES OF FELT, STRAW, AND COMBINATIONS THEREOF. GOLDSTEIN HAT MANUFACTURING CO., Dallas, Tex.
Filed August 7, 1937. Serial No. 396,125. PUBLISHED JULY 12, 1938. Class 39.

360,452. WALL CANVAS, BEING A COTTON FABRIC, WHICH IS SOLD BY THE YARD. SCHERMERHORN BROS. CO., Chicago, Ill.
Filed August 17, 1937. Serial No. 396,511. PUBLISHED JULY 12, 1938. Class 42.

360,453. WALL CANVAS, BEING A COTTON FABRIC, WHICH IS SOLD BY THE YARD. SCHERMERHORN BROS. CO., Chicago, Ill.
Filed August 17, 1937. Serial No. 396,515. PUBLISHED JULY 12, 1938. Class 42.

360,454. METAL CONVEYOR BELTS. WICKWIRE SPENCER STEEL COMPANY, New York, N. Y.
Filed September 8, 1937. Serial No. 397,234. PUBLISHED JULY 12, 1938. Class 23.

360,455. ELECTRICAL APPARATUS AND MACHINES AND ACCESSORIES, CONSISTING OF PORTABLE ELECTRIC TOOLS FOR USE IN SUCH CRAFT WORK AS DRILLING, BORING, GRINDING, BUFFING, BURNISHING, SCREW DRIVING, NUT RUNNING, AND THE LIKE. THE BLACK & DECKER MANUFACTURING COMPANY, Towson, Md.
Filed September 17, 1937. Serial No. 397,495. PUBLISHED JULY 12, 1938. Class 21.

360,456. QUICK FROZEN FOODS—NAMELY, FROZEN SPINACH, PEAS, BROCCOLI, CAULIFLOWER, CORN, AND BEANS. SAMUEL A. MOFFETT, doing business as S. A. Moffett Company, Seattle, Wash.
Filed October 2, 1937. Serial No. 398,053. PUBLISHED JULY 12, 1938. Class 46.

360,457. PASSENGER AUTOMOBILES. HUDSON MOTOR CAR COMPANY, Detroit, Mich.
Filed October 4, 1937. Serial No. 398,105. PUBLISHED DECEMBER 14, 1937. Class 19.

360,458. PASSENGER AUTOMOBILES. HUDSON MOTOR CAR COMPANY, Detroit, Mich.
Filed October 4, 1937. Serial No. 398,106. PUBLISHED DECEMBER 14, 1937. Class 19.

360,459. PERFUMES, LIPSTICK, FACE POWDER, FACE CREAMS, HAIR TONICS, NAIL POLISH, HAIR WAVE LOTIONS, ROUGE, ETC. DAVID WRÓBLEWSKI, doing business as D. Wróblewski and Company, Brooklyn, N. Y.
Filed October 6, 1937. Serial No. 398,226. PUBLISHED MARCH 1, 1938. Class 6.

360,460. GENERAL STERILIZING DETERGENT USED AROUND DOMESTIC KITCHEN SINKS, WATER CLOSETS, WASH BASINS, ETC. HAROLD GRAY JÄRVIS, Portland, Oreg.
Filed October 18, 1937. Serial No. 398,622. PUBLISHED JULY 5, 1938. Class 6.

360,461. SAFETY CUT-OFF VALVE FOR HYDRAULIC BRAKE SYSTEMS. G. W. AUTO DEVICE CO., Pittsburgh, Pa.
Filed October 25, 1937. Serial No. 398,896. PUBLISHED JULY 12, 1938. Class 13.

360,462. CLEANSING PADS MADE OF CLOTH. JAMES L. YOUNGHUSBAND, Chicago, Ill.
Filed October 25, 1937. Serial No. 398,955. PUBLISHED MAY 24, 1938. Class 28.

360,463. FRESH CITRUS FRUITS AND CANNED FRUIT JUICES FOR FOOD PURPOSES. RIO GRANDE VALLEY CITRUS EXCHANGE, Weslaco, Tex.
Filed November 4, 1937. Serial No. 399,329. PUBLISHED JULY 12, 1938. Class 46.

360,464. PAPER—NAMELY, WRAPPING PAPER, ESPECIALLY FOR THE USE OF BUTCHERS. THE NORTHWEST PAPER COMPANY, Cloquet, Minn.
Filed November 8, 1937. Serial No. 399,468. PUBLISHED JULY 12, 1938. Class 37.

360,465. VITAMIN BEARING PRODUCT—NAMELY, COD LIVER OIL CONCENTRATE. THE NORWICH PHARMACAL COMPANY, Norwich, N. Y.
Filed November 8, 1937. Serial No. 399,470. PUBLISHED JULY 5, 1938. Class 6.

360,466. CANNED SOUPS, CANNED PORK AND BEANS, CANNED SPAGHETTI, AND CANNED TOMATO JUICE. CAMPBELL SOUP COMPANY, Camden, N. J.
Filed November 10, 1937. Serial No. 399,555. PUBLISHED JULY 12, 1938. Class 46.

360,467. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND SIRUPS AND EXTRACTS FOR MAKING THE SAME. ALLEN BURKS HATCHER, Charleston, W. Va.
Filed November 13, 1937. Serial No. 399,710. PUBLISHED JANUARY 25, 1938. Class 45.

360,468. PADS USED FOR THE PERMANENT WAVING OF HAIR. ROBERT R. NATHANS, doing business as Michigan Hair Goods Co., Detroit, Mich.
Filed December 4, 1937. Serial No. 399,853. PUBLISHED JULY 12, 1938. Class 44.

360,469. GAS LIFT APPARATUS—NAMELY, GAS LIFT VALVES AND FITTINGS AND PARTS THEREFOR. GAS LIFT CORPORATION, Dallas, Tex.
Filed November 26, 1937. Serial No. 400,281. PUBLISHED JULY 12, 1938. Class 13.

360,470. CHEMICALS AND DYES USED IN THE DYEING OF TEXTILE MATERIALS. NYANZA COLOR & CHEMICAL CO., INC., New York, N. Y.
Filed November 30, 1937. Serial No. 400,318. PUBLISHED JULY 5, 1938. Class 6.

360,471. REEDS FOR MUSICAL INSTRUMENTS, REED AND WIND MUSICAL INSTRUMENTS—NAMELY, CLARINETS, TRUMPETS, CORNETS, TROMBONES, SAXOPHONES, ACCORDIONS, AND HARMONICAS. PROGRESSIVE MUSICAL INSTRUMENT CORPORATION, New York, N. Y.
Filed December 6, 1937. Serial No. 400,527. PUBLISHED JULY 12, 1938. Class 36.

360,472. REEDS FOR MUSICAL INSTRUMENTS, REED AND WIND MUSICAL INSTRUMENTS—NAMELY, CLARINETS, TRUMPETS, CORNETS, TROMBONES, SAXOPHONES, ACCORDIONS, AND HARMONICAS. PROGRESSIVE MUSICAL INSTRUMENT CORPORATION, New York, N. Y.
Filed December 6, 1937. Serial No. 400,528. PUBLISHED JULY 12, 1938. Class 36.

360,473. SKIS, SKI BINDINGS, SKI POLES, BANDY, AND HOCKEY STICKS. PETER SCHOU ØSTBYE, Oslo, Norway.
Filed December 16, 1937. Serial No. 400,922. PUBLISHED JULY 12, 1938. Class 22.

360,474. TRACING PAPER. B. K. ELLIOTT COMPANY, Pittsburgh, Pa.
Filed December 17, 1937. Serial No. 400,955. PUBLISHED JULY 12, 1938. Class 37.

360,475. GLOVES MADE OF LEATHER, RUBBER, FABRIC, AND/OR ANY COMBINATION THEREOF. SHAPIRO GLOVE CO., INC., New York, N. Y.
Filed December 18, 1937. Serial No. 401,033. PUBLISHED JULY 12, 1938. Class 39.

360,476. TOMATO PASTE. J. ARLINGTON DETWILER, doing business as Nearby Sales Company, Philadelphia, Pa.
Filed December 24, 1937. Serial No. 401,210. PUBLISHED JULY 12, 1938. Class 46.

360,477. PHARMACEUTICAL PREPARATION IN THE FORM OF POWDER FOR THE TREATMENT OF LEANNESS, EPATHIC INSUFFICIENCY, GLYCOSURIA DIABETES, KETOSIS OF THE INFANCY, AND CONSTIPATION. INSTITUTO NAZIONALE MEDICO FARMACOLOGICO "SERONO", Rome, Italy.
Filed December 28, 1937. Serial No. 401,306. PUBLISHED JUNE 28, 1938. Class 6.

360,478. ABRASIVE BOND IN PASTE-LIKE FORM FOR SETTING UP POLISHING WHEELS AND BELTS. IDA E. SIEFEN, doing business as J. J. Siefen Company, Detroit, Mich.
Filed December 29, 1937. Serial No. 401,361. PUBLISHED JULY 12, 1938. Class 4.

360,479. PREPARATION FOR THE TREATMENT OF HEADACHE. DR. BALLOWITZ & CO. CHEMISCH-PHARMAZ, FABRIK G. M. B. H., Berlin-Pankow, Germany, assignor to Split-Tablets Corporation, a corporation of New York.
Filed December 30, 1937. Serial No. 401,366. PUBLISHED JULY 12, 1938. Class 6.

360,480. TOILET TISSUE, PAPER TOWELS, PAPER NAPKINS, SHELF PAPER, AND WAXED PAPER. ALLIED STORES CORPORATION, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash.
Filed December 31, 1937. Serial No. 401,418. PUBLISHED JULY 12, 1938. Class 37.

360,481. FRESH CITRUS FRUITS. WAVERLY GROWERS COOPERATIVE, Waverly, Fla.
Filed January 6, 1938. Serial No. 401,632. PUBLISHED JULY 12, 1938. Class 46.

360,482. TOILET SOAPS. GERARD BROTHERS LIMITED, Nottingham, England.
Filed January 10, 1938. Serial No. 401,739. PUBLISHED JULY 12, 1938. Class 4.

360,483. TOILET PREPARATIONS—NAMELY, BRILLIANTINE, HAIR LOTION, BATH CRYSTALS, SMELLING SALTS, PERFUME, DENTAL CREAM AND PASTES, AND TALCUM POWDER. GERARD BROTHERS LIMITED, Nottingham, England.
Filed January 10, 1938. Serial No. 401,740. PUBLISHED JULY 12, 1938. Class 6.

360,484. WELDING ELECTRODE HOLDERS. HONEL A. JACKSON, doing business as The Jackson Electrode Holder Co., Detroit, Mich.
Filed January 13, 1938. Serial No. 401,865. PUBLISHED JULY 12, 1938. Class 21.

360,485. CIGARETTE HOLDERS AND SMOKE FILTERS FOR SAME. ARTHUR R. RAPP, doing business as Arthur R. Rapp Company, Chicago, Ill.
Filed January 13, 1938. Serial No. 401,872. PUBLISHED JULY 12, 1938. Class 8.

360,486. DECORATIVE WRAPPING PAPER AND WRITING PAPER. NORCROSS, New York, N. Y.
Filed January 21, 1938. Serial No. 402,198. PUBLISHED JULY 12, 1938. Class 37.

360,487. ELECTRIC LOCOMOTIVES, GAS ELECTRIC LOCOMOTIVES, AND DIESEL-ELECTRIC LOCOMOTIVES, AND PARTS THEREOF. THE CERAMIC MACHINERY COMPANY, Hamilton, Ohio.
Filed January 24, 1938. Serial No. 402,247. PUBLISHED JULY 12, 1938. Class 21.

360,488. WHEAT FLOUR. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn.
Filed January 24, 1938. Serial No. 402,274. PUBLISHED JULY 12, 1938. Class 46.

360,489. BEAUTY TREATMENT MEDICATED PREPARATIONS. JAMES VAGHELATOS, Toledo, Ohio.
Filed January 24, 1938. Serial No. 402,281. PUBLISHED JUNE 28, 1938. Class 6.

360,490. TOOTH POWDER. DETROIT DISTRICT DENTAL SOCIETY, Detroit, Mich.
Filed January 25, 1938. Serial No. 402,294. PUBLISHED JULY 12, 1938. Class 6.

360,491. PERFUMES, FACE POWDERS, BODY POWDERS, LIPSTICKS, ROUGES, COLOGNE, ROUGE AND POWDER FILLS FOR COMPACTS, TOILET WATERS, BATH SALTS, COLD AND CLEANSING CREAMS, AND HAND AND SKIN LOTIONS. MYRA B. MARCUS AND HORTENSE S. MARCUS, New York, N. Y.
Filed January 25, 1938. Serial No. 402,303. PUBLISHED JUNE 28, 1938. Class 6.

360,492. WINES. ITALIAN SWISS COLONY, San Francisco, Calif.
Filed February 1, 1938. Serial No. 402,566. PUBLISHED JULY 12, 1938. Class 47.

360,493. PERFUME, FACE POWDER, TALCUM POWDER, ROUGE, TOILET WATER, BRILLIANTINE, FACE LOTION, COLD CREAM, SKIN CREAM, BATH SALTS. SOCIETE ANONYME LANCOME, Courbevoie and Paris, France.
Filed February 3, 1938. Serial No. 402,654. PUBLISHED JULY 5, 1938. Class 6.

360,494. COD LIVER OIL FORTIFIED WITH VITAMIN CONCENTRATES. NATIONAL OIL PRODUCTS COMPANY, Harrison, N. J.
Filed February 4, 1938. Serial No. 402,690. PUBLISHED JUNE 28, 1938. Class 6.

360,495. FABRICS IN THE PIECE OF SILK, COTTON, WOOL, OR RAYON. HARRY L. SHEINMAN & SONS INC., New York, N. Y.
Filed February 4, 1938. Serial No. 402,700. PUBLISHED JULY 12, 1938. Class 42.

360,496. PRECISION BORING MACHINES, PLANERS, SHAPERS, LATHES, DRILLPRESSES, AND SPECIAL MACHINERY. BRADLEY MACHINERY CO., Rockford, Ill.
Filed February 5, 1938. Serial No. 402,708. PUBLISHED JULY 12, 1938. Class 23.

360,497. LAMP SHADES. MAX LAGER, doing business as Regal Lamp Shade Company, New York, N. Y.
Filed February 5, 1938. Serial No. 402,726. PUBLISHED JULY 12, 1938. Class 34.

360,498. PREPARATION FOR RELIEF OF PAIN OF EYE BROW PLUCKING, AND ALSO AN ANTISEPTIC SOLUTION TO HELP ELIMINATE POSSIBLE SKIN INFECTIONS DUE TO EYEBROW PLUCKING AND ATTENDANT RUPTURING OF SKIN. MARION SEYMOUR COSGROVE, New York, N. Y.
Filed February 7, 1938. Serial No. 402,770. PUBLISHED JUNE 28, 1938. Class 6.

360,499. ASBESTOS FIBRE. VERMONT ASBESTOS CORPORATION, Hyde Park, Vt., and New York, N. Y.
Filed February 7, 1938. Serial No. 402,805. PUBLISHED JULY 12, 1938. Class 1.

360,500. PRESERVED VEGETABLES. COMMANDITAIRE VENNOOTSCHAP OP AANDEELEN TIELEMAN & DROS., Leiden, Netherlands.
Filed February 9, 1938. Serial No. 402,875. PUBLISHED JULY 12, 1938. Class 46.

360,501. LAXATIVE. MARGUERITE J. MORGAN, doing business as New Health Laboratories, East Aurora, N. Y.
Filed February 11, 1938. Serial No. 402,947. PUBLISHED JUNE 28, 1938. Class 6.

360,502. VEGETABLE DOUGHNUTS. DENNIS L. LE CAVE, Tucson, Ariz.
Filed February 14, 1938. Serial No. 403,011. PUBLISHED JULY 12, 1938. Class 46.

360,503. MEN'S AND BOYS' BOOTS AND SHOES MADE PRINCIPALLY OF LEATHER. G. P. CRAFTS COMPANY, Manchester N. H.
Filed February 15, 1938. Serial No. 403,035. PUBLISHED JULY 12, 1938. Class 39.

360,504. SALTED NUTS, CANDY, AND CHOCOLATE COATED NUTS. AWFUL FRESH MACFARLANE, Berkeley, Calif.
Filed February 16, 1938. Serial No. 403,108. PUBLISHED JULY 12, 1938. Class 46.

360,505. CHEWING GUM CONTAINING ACETYLSALICYLIC ACID. WHITE LABORATORIES, INC., Newark, N. J.
Filed February 17, 1938. Serial No. 403,155. PUBLISHED JUNE 28, 1938. Class 6.

360,506. BOILED AND SMOKED HAMS, SAUSAGES, AND SANDWICH MEAT. MEYER & LANGE, INC., New York, N. Y.
Filed February 19, 1938. Serial No. 403,217. PUBLISHED JULY 12, 1938. Class 46.

360,507. DOLLS. NORCROSS, New York, N. Y.
Filed February 19, 1938. Serial No. 403,235. PUBLISHED JULY 12, 1938. Class 22.

360,508. PHARMACEUTICAL PREPARATIONS FORMED BY A MIXTURE OF TAR, CREOSOL, CREOSOTE, PHENOL, FORMYL, AND GLYCERINE TO BE INHALED FOR TREATMENT OF THE RESPIRATORY ORGANS. MICHEL RIGAUD, Neuilly, France.
Filed February 21, 1938. Serial No. 403,278. PUBLISHED JULY 12, 1938. Class 6.

360,509. PREPARED FOOD FOR DOGS, CATS, AND OTHER SMALL FUR-BEARING ANIMALS. FREDERLINE BROS., Bethesda, Md.
Filed February 23, 1938. Serial No. 403,308. PUBLISHED JULY 12, 1938. Class 46.

360,510. ALKALINE LAXATIVE. ALKA-MOVERS COMPANY, INC., New York, N. Y.
Filed February 26, 1938. Serial No. 403,439. PUBLISHED JULY 5, 1938. Class 6.

360,511. CONDUIT, DUCTS, AND PIPES MADE OF FIBRE COMPOSITION, IN WHICH ELECTRIC WIRES OR CABLES ARE LAID, AND FITTINGS FOR THE SAME. THE FIBRE CONDUIT COMPANY, Orangeburg, N. Y.
Filed February 26, 1938. Serial No. 403,450. PUBLISHED JULY 12, 1938. Class 21.

360,512. BREAD AND CEREAL FOOD PRODUCTS, PARTICULARLY BREAKFAST CEREALS, CRACKED WHEAT FLOUR, AND CORN MEAL. MARGARET F. RUDKIN, Westport, Conn.
Filed February 26, 1938. Serial No. 403,468. PUBLISHED JULY 12, 1938. Class 46.

360,513. LADIES' HATS. DEBWAY HATS, INC., New York, N. Y.
Filed March 1, 1938. Serial No. 403,541. PUBLISHED JULY 12, 1938. Class 39.

360,514. LIQUID SPRAYING MACHINES. NEO-TECHNI-PRODUCTS CORP., Brooklyn, N. Y.
Filed March 1, 1938. Serial No. 403,554. PUBLISHED JULY 12, 1938. Class 23.

360,515. SMOKING TOBACCO, CIGARS, AND CIGARETTES. JOHN MIDDLETON INC., Philadelphia, Pa.
Filed March 2, 1938. Serial No. 403,604. PUBLISHED JULY 12, 1938. Class 17.

360,516. LADIES' HANDBAGS. CLASSY LEATHER GOODS CORPORATION, New York, N. Y.
Filed March 3, 1938. Serial No. 403,639. PUBLISHED JULY 12, 1938. Class 3.

360,517. ANTHRACITE COAL. SCRANTON FUEL COMPANY, Newark, N. J., and New York, N. Y.
Filed March 5, 1938. Serial No. 403,710. PUBLISHED JULY 12, 1938. Class 1.

360,518. GLASS TABLEWARE AND GLASS BAR WARE. UNITED STATES GLASS C Pittsburgh, Pa.
Filed March 7, 1938. Serial No. 403,794. PUBLISHED JULY 12, 1938. Class 33.

360,519. GLASS TABLEWARE AND GLASS BAR WARE. UNITED STATES GLASS CO., Pittsburgh, Pa.
Filed March 7, 1938. Serial No. 403,795. PUBLISHED JULY 12, 1938. Class 33.

360,520. GLASS TABLEWARE AND GLASS BAR WARE. UNITED STATES GLASS CO., Pittsburgh, Pa.
Filed March 7, 1938. Serial No. 403,797. PUBLISHED JULY 12, 1938. Class 33.

360,521. GLASS TABLEWARE AND GLASS BAR WARE. UNITED STATES GLASS CO., Pittsburgh, Pa.
Filed March 7, 1938. Serial No. 403,800. PUBLISHED JULY 12, 1938. Class 33.

360,522. DEODORANT TABLETS. H. KIRK WHITE AND COMPANY, Oconomowoc, Wis.
Filed March 9, 1938. Serial No. 403,884. PUBLISHED JUNE 28, 1938. Class 6.

360,523. GOODS HAVING A FABRIC OR A FIBROUS BASE TREATED OR COATED WITH MATERIALS SUCH AS PYROXYLIN OR RUBBER. THE RELIABLE TEXTILE COMPANY, Chicago, Ill.
Filed March 12, 1938. Serial No. 404,017. PUBLISHED JULY 12, 1938. Class 50.

360,524. WOMEN'S HATS. W. H. GOODSTEIN MILLINERY CO., Chicago, Ill.
Filed March 16, 1938. Serial No. 404,126. PUBLISHED JUNE 28, 1938. Class 39.

360,525. WOMEN'S HATS. W. H. GOODSTEIN MILLINERY CO., Chicago, Ill.
Filed March 16, 1938. Serial No. 404,127. PUBLISHED JUNE 21, 1938. Class 39.

360,526. ALTERATIVE COMPOUND FOR THE RELIEF OF THE DISCOMFORTS OF MUSCULAR ACHES AND PAINS. MCNEIL DRUG COMPANY, doing business as McNeil Drug Co. (Inc.), Jacksonville, Fla.
Filed March 16, 1938. Serial No. 404,132. PUBLISHED JULY 5, 1938. Class 6.

360,527. CATALYST OF FUNGUS ORIGIN, MORE SPECIFICALLY DESCRIBED AS A DIASTATIC AND/OR PROTEOLYTIC ENZYME FOR THE CONVERSION OF STARCH AND/OR PROTEIN IN FRUIT JUICES, PECTIN SOLUTIONS, ETC. JACQUES WOLF & CO., Clifton, N. J.
Filed March 16, 1938. Serial No. 404,150. PUBLISHED JUNE 28, 1938. Class 6.

360,528. PASTE AND READY-MIXED OUTSIDE HOUSE PAINTS, READY-MIXED INSIDE AND OUTSIDE FLAT PAINTS, ETC. THE ALLENTOWN PAINT MANUFACTURING COMPANY, Allentown, Pa.
Filed March 19, 1938. Serial No. 404,282. PUBLISHED JULY 12, 1938. Class 16.

360,529. ION EXCHANGING AND ADSORPTIVE MATERIALS, IN PARTICULAR MATERIALS DIRECTLY OR INDIRECTLY REMOVING NEGATIVE IONS, SUCH AS CHLORIDES, SULFATES, AND THE LIKE FROM WATER OR OTHER AQUEOUS LIQUIDS. INTERNATIONAL FILTER CO., Chicago, Ill.
Filed March 21, 1938. Serial No. 404,313. PUBLISHED JULY 5, 1938. Class 6.

360,530. KNITTED OUTERWEAR AND HEADWEAR—NAMELY, CAPS, HOODS, HOCKEYS, TOQUES, TOBOGGANS, PARKA HOODS, SCARFS, GLOVES, MITTENS, DRESSES, COATS, SKIRTS, TWIN SWEATERS, CARDIGANS, AND SUITS. FRIEDMAN BLAU FARBER COMPANY, Cleveland, Ohio.
Filed March 23, 1938. Serial No. 404,405. PUBLISHED JULY 12, 1938. Class 39.

369,531. COMBUSTION INDICATION APPARATUS FOR USE IN TESTING GAS MIXTURE OPERATING CONDITION OF INTERNAL COMBUSTION ENGINES. PATTERSON O. STEWART, doing business as Electro Products Company, New York, N. Y.
Filed March 24, 1938. Serial No. 404,455. PUBLISHED JULY 12, 1938. Class 26.

360,532. LEATHER GLOVES. JORDAN MARSH COMPANY, Boston, Mass.
Filed March 25, 1938. Serial No. 404,477. PUBLISHED JULY 12, 1938. Class 39.

360,533. CONDUIT, DUCTS, AND PIPES MADE OF FIBRE COMPOSITION, IN WHICH ELECTRIC WIRES OR CABLES ARE LAID, AND FITTINGS FOR THE SAME. THE FIBRE CONDUIT COMPANY, Orangeburg, N. Y.
Filed March 26, 1938. Serial No. 404,519. PUBLISHED JULY 12, 1938. Class 21.

360,534. VACUUM CONTROL MECHANISM FOR CONTROLLING THE OPERATION OF THE DIRT-HANDLING DEVICE AND TRACTION UNITS ON EXCAVATING MACHINES. THE BUCKEYE TRACTION DITCHER COMPANY, Findlay, Ohio.
Filed March 29, 1938. Serial No. 404,598. PUBLISHED JULY 12, 1938. Class 23.

360,535. RUM. MONLLOR & BOSCIO, SUCRS., S. EN C., Ponce, P. R.
Filed March 29, 1938. Serial No. 404,616. PUBLISHED JULY 12, 1938. Class 49.

360,536. WOMEN'S AND MISSES' FURS—I. E., COATS, CAPES, SCARFS, AND MUFFS; DRESSES, TEAGOWNS, COATS, SUITS, OUTER SKIRTS, BLOUSES, SWEATERS, HOSIERY, SCARFS; GLOVES MADE OF LEATHER AND FABRIC; NIGHTGOWNS, NEGLIGEES, SLIPS, PANTIES, AND BRASSIÈRES. BONWIT TELLER, INC., New York, N. Y.
Filed March 30, 1938. Serial No. 404,629. PUBLISHED JUNE 14, 1938. Class 39.

360,537. MEDICINAL COMPOSITION FOR THE TREATMENT OF BLACKHEAD AND RANGE PARALYSIS IN POULTRY. JOSEPH F. STOCKARD, Lee's Summit, Mo.
Filed March 30, 1938. Serial No. 404,667. PUBLISHED JUNE 28, 1938. Class 6.

360,538. INTERNAL COMBUSTION ENGINES AND STRUCTURAL PARTS THEREOF. THE CUSHMAN MOTOR WORKS, Lincoln, Nebr.
Filed March 31, 1938. Serial No. 404,693. PUBLISHED JULY 12, 1938. Class 23.

360,539. BUTTER. THE BORDEN COMPANY, New York, N. Y.
Filed April 1, 1938. Serial No. 404,745. PUBLISHED JULY 12, 1938. Class 46.

360,540. BUTTER. THE BORDEN COMPANY, New York, N. Y.
Filed April 1, 1938. Serial No. 404,746. PUBLISHED JULY 12, 1938. Class 46.

360,541. SALT COMPOSITIONS FOR METAL TREATING BATHS. THE HEATBATH CORPORATION, West Springfield, Mass.
Filed April 1, 1938. Serial No. 404,758. PUBLISHED JUNE 28, 1938. Class 6.

360,542. ICE CREAM. MAX PHILLIPS, Brooklyn, N. Y.
Filed April 1, 1938. Serial No. 404,774. PUBLISHED JULY 12, 1938. Class 46.

360,543. VITAMIN AND MINERAL PRODUCT FOR USE AS A DIETARY SUPPLEMENT OR AS A THERAPEUTIC AGENT. AYERST, MCKENNA & HARRISON (UNITED STATES), LIMITED, Rouses Point, N. Y.
Filed April 4, 1938. Serial No. 404,828. PUBLISHED JULY 12, 1938. Class 6.

360,544. PRECIOUS METALS—NAMELY, GOLD, SILVER, AND PLATINUM AND ALLOYS MADE OF THESE METALS. EASTERN SMELTING & REFINING CORP., Boston, Mass.
Filed April 4, 1938. Serial No. 404,841. PUBLISHED JULY 12, 1938. Class 14.

360,545. DENTAL CREAM. MAURICE E. PROCTOR, doing business as Proctors Products Co., New Haven, Conn.
Filed April 4, 1938. Serial No. 404,867. PUBLISHED JUNE 28, 1938. Class 6.

360,546. BASE COAT NAIL POLISH. SCHNEFEL BROS. CORPORATION, Newark, N. J.
Filed April 4, 1938. Serial No. 404,868. PUBLISHED JUNE 28, 1938. Class 6.

360,547. VAPORIZING MEDICAMENT—NAMELY, A MEDICAMENT COMPOSED OF A SOLID WAXY BASE, CONTAINING VARIOUS ESSENTIAL OILS FOR USE IN THE TREATMENT OF CHRONIC EAR DISORDERS. THE AURAX CO., New York, N. Y.
Filed April 4, 1938. Serial No. 404,880. PUBLISHED JULY 5, 1938. Class 6.

360,548. SOLUBLE SULPHUR. KARL JACOBI, doing business as Chemico Laboratories, Cranford, N. J.
Filed April 5, 1938. Serial No. 404,898. PUBLISHED JULY 5, 1938. Class 6.

360,549. DISINFECTANT, GERMICIDE, AND ANTISEPTIC. THE WM. S. MERRELL COMPANY, Cincinnati, Ohio.
Filed April 6, 1938. Serial No. 404,948. PUBLISHED JUNE 28, 1938. Class 6.

360,550. DISPLAY AND STORAGE CABINETS FOR VENDABLE MERCHANDISE. THE PECK, STOW & WILCOX COMPANY, Southington, Conn.
Filed April 6, 1938. Serial No. 404,953. PUBLISHED JULY 12, 1938. Class 32.

360,551. LADIES' HATS. BI-RITE HAT CO. INC., New York, N. Y.
Filed April 8, 1938. Serial No. 405,007. PUBLISHED JULY 12, 1938. Class 39.

360,552. HOUSE AND CAMP TRAILERS. HARRY E. WEISSBERG, San Diego, Calif.
Filed April 8, 1938. Serial No. 405,042. PUBLISHED JULY 12, 1938. Class 19.

360,553. WOMEN'S AND GIRLS' HATS AND VISOR CAPS; WOMEN'S AND MISSES' WEAR—NAMELY, GLOVES OF LEATHER AND FABRICS, PLAY SUITS, ETC. ALLIED STORES CORPORATION, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash.
Filed April 9, 1938. Serial No. 405,047. PUBLISHED JULY 12, 1938. Class 39.

360,554. MEAT CURING COMPOSITIONS. FEARN LABORATORIES, INC., Chicago, Ill.
Filed April 9, 1938. Serial No. 405,065. PUBLISHED JULY 5, 1938. Class 6.

360,555. MEAT CURING COMPOSITIONS. FEARN LABORATORIES, INC., Chicago, Ill.
Filed April 9, 1938. Serial No. 405,066. PUBLISHED JULY 5, 1938. Class 6.

360,556. MEAT CURING COMPOSITIONS. FEARN LABORATORIES, INC., Chicago, Ill.
Filed April 9, 1938. Serial No. 405,067. PUBLISHED JULY 5, 1938. Class 6.

360,557. MEAT CURING COMPOSITIONS. FEARN LABORATORIES, INC., Chicago, Ill.
Filed April 9, 1938. Serial No. 405,068. PUBLISHED JULY 5, 1938. Class 6.

360,558. PERFUME. KATHLEEN MARY QUINLAN, INC., New York, N. Y.
Filed April 9, 1938. Serial No. 405,082. PUBLISHED JULY 5, 1938. Class 6.

360,559. BOTTLE OPENERS. MELVILLE D. TRUESDALE, doing business as The Meildale Company, Stamford, Conn.
Filed April 9, 1938. Serial No. 405,088. PUBLISHED JULY 12, 1938. Class 23.

360,560. MEDICINE FOR FEMALE DISORDERS, AND AS A PREVENTIVE AGAINST GONORRHEA. GELLOCIDE CORPORATION, Tulsa, Okla.
Filed April 11, 1938. Serial No. 405,111. PUBLISHED JUNE 28, 1938. Class 6.

360,561. MEDICINE FOR FEMALE DISORDERS, AND AS A PREVENTIVE AGAINST GONORRHEA. GELLOCIDE CORPORATION, Tulsa, Okla.
Filed April 11, 1938. Serial No. 405,112. PUBLISHED JUNE 28, 1938. Class 6.

360,562. MOTOR VALVES, VALVE GRINDERS, VALVE SEATS, AND PISTON PINS. JADSON MOTOR PRODUCTS CO., Bell, Calif.
Filed April 11, 1938. Serial No. 405,120. PUBLISHED JULY 12, 1938. Class 23.

360,563. EMBALMING FLUIDS, COSMETICS, AND OTHER MEDICAL PREPARATIONS USED FOR THE PRESERVATION AND BEAUTIFYING OF THE DEAD. RICHMOND WOODWORKING COMPANY, Richmond, Va.
Filed April 11, 1938. Serial No. 405,132. PUBLISHED JULY 12, 1938. Class 6.

360,564. PERFUME. GENERAL PURCHASING COMPANY, Paris, France.
Filed April 12, 1938. Serial No. 405,154. PUBLISHED JULY 5, 1938. Class 6.

360,565. PERFUME. GENERAL PURCHASING COMPANY, Paris, France.
Filed April 12, 1938. Serial No. 405,155. PUBLISHED JUNE 28, 1938. Class 6.

360,566. CALCIUM PHOSPHATE PRODUCT CONTAINING VITAMIN D TO BE USED IN THE TREATMENT FOR CALCIUM DEFICIENCY AND GENERAL METABOLISM. NATIONAL INSTITUTE OF NUTRITION, Los Angeles, Calif.
Filed April 12, 1938. Serial No. 405,176. PUBLISHED JUNE 28, 1938. Class 6.

360,567. NASAL INHALANT. NATIONAL INSTITUTE OF NUTRITION, Los Angeles, Calif.
Filed April 12, 1938. Serial No. 405,177. PUBLISHED JUNE 28, 1938. Class 6.

360,568. BUTTONS AND BUCKLES OF MOTHER-OF-PEARL, GLASS, WOOD, CASEIN, NON-PRECIOUS METALS, AND VARIOUS COMPOSITION AND MOLDING MATERIALS. DUKAY & Co., New York, N. Y.
Filed April 13, 1938. Serial No. 405,202. PUBLISHED JULY 12, 1938. Class 40.

360,569. HAND LUGGAGE—NAMELY, WARDROBE CASES. OSHKOSH TRUNKS, INC., Oshkosh, Wis.
Filed April 13, 1938. Serial No. 405,219. PUBLISHED JULY 12, 1938. Class 3.

360,570. PERFUMES. PARFUMS CORDAY, INC., New York, N. Y.
Filed April 13, 1938. Serial No. 405,221. PUBLISHED JUNE 28, 1938. Class 6.

360,571. COMPOSITIONS COMPRISING ETHYL CELLULOSE AND WAX FOR COATING PAPER, FOILS, FABRICS, ETC. THE DOW CHEMICAL COMPANY, Midland, Mich.
Filed April 14, 1938. Serial No. 405,241. PUBLISHED JULY 12, 1938. Class 6.

360,572. PREPARATION USED AS A GERMICIDE AND ANTISEPTIC. F. FREITHOFER MANUFACTURING CO., INC., Pittsburgh, Pa.
Filed April 14, 1938. Serial No. 405,246. PUBLISHED JULY 5, 1938. Class 6.

360,573. LINIMENT FOR THE TREATMENT OF MUSCULAR SPRAINS, STIFFNESS AND SORENESS, AND PAINS AND ACHES IN THE MUSCLES. L. H. DAY & Co., Washington, D. C.
Filed April 15, 1938. Serial No. 405,288. PUBLISHED JULY 12, 1938. Class 6.

360,574. PERFUMES. GUERLAIN PERFUMERY CORPORATION OF DELAWARE, Wilmington, Del., and New York, N. Y.
Filed April 15, 1938. Serial No. 405,293. PUBLISHED JULY 5, 1938. Class 6.

360,575. AVOCADO TISSUE CREAM, COLD CREAM, DEEP PORE CLEANSER, FOUNDATION CREAM, HAIR DRESSING, HAND LOTION, MUSCLE OIL, MAKE-UP SET, POWDER BASE, SKIN STIMULANT, TURTLE OIL CREAM, ROUGE, LIPSTICK, FACE POWDER, FACE PACK. HOUSE OF HOLLYWOOD, Los Angeles, Calif.
Filed April 15, 1938. Serial No. 405,299. PUBLISHED JULY 5, 1938. Class 6.

360,576. MEDICINAL PREPARATION CONTAINING EPHEDRINE AND SODIUM ETHYL MERCURI THIOSALICYLATE, USEFUL, AMONG OTHER THINGS, FOR SHRINKING MUCOUS MEMBRANES. ELI LILLY AND COMPANY, Indianapolis, Ind.
Filed April 15, 1938. Serial No. 405,303. PUBLISHED JULY 12, 1938. Class 6.

360,577. MEDICINAL PREPARATION CONTAINING EPHEDRINE USEFUL, AMONG OTHER THINGS, FOR SHRINKING MUCOUS MEMBRANES. ELI LILLY AND COMPANY, Indianapolis, Ind.
Filed April 15, 1938. Serial No. 405,304. PUBLISHED JULY 12, 1938. Class 6.

360,578. ANTI-ACID POWDER FOR THE RELIEF OF HYPERACIDITY, ACID ERUCTATIONS, BELCHING, OR HEARTBURN. WILLIAM SIEGEL, doing business as Williams Specialty Co., New York, N. Y.
Filed April 15, 1938. Serial No. 405,323. PUBLISHED JULY 5, 1938. Class 6.

360,579. PERMANENT MAGNETS OF CAST, MOLDED, OR PRESSED MATERIAL. CINAUDAGRAPH CORPORATION, Stamford, Conn.
Filed April 16, 1938. Serial No. 405,347. PUBLISHED JULY 12, 1938. Class 21.

360,580. TOILET SEATS. C. F. CHURCH MFG. CO., Willimansett, Mass.
Filed April 16, 1938. Serial No. 405,348. PUBLISHED JULY 12, 1938. Class 13.

360,581. RADIO RECEIVING SETS AND COMPONENT PARTS. DETROLA CORPORATION, Detroit, Mich.
Filed April 16, 1938. Serial No. 405,350. PUBLISHED JULY 12, 1938. Class 21.

360,582. UNDERGARMENTS—NAMELY, CHEMISES, PANTIES, NIGHT-GOWNS, PAJAMAS, SLIPS, BRASSIÈRES, NEGLIGEES, AND CORSETS. GARFINKEL & RITTER, New York, N. Y.
Filed April 16, 1938. Serial No. 405,354. PUBLISHED JULY 12, 1938. Class 39.

360,583. CHEMICALLY TREATED PADS FOR REMOVING NAIL POLISH. ROBERT F. CARTWRIGHT, doing business as Labcony, New York, N. Y.
Filed April 18, 1938. Serial No. 405,382. PUBLISHED JULY 12, 1938. Class 6.

360,584. CURING SALTS AND COMPOUNDS CONTAINING CURING SALTS. FEARN LABORATORIES, INC., Chicago, Ill.
Filed April 18, 1938. Serial No. 405,385. PUBLISHED JUNE 28, 1938. Class 6.

360,585. CANNED FRUITS AND CANNED FRUIT JUICES FOR FOOD PURPOSES. FLORIDA CITRUS CANNERS COOPERATIVE, Lake Wales, Fla.
Filed April 18, 1938. Serial No. 405,387. PUBLISHED JULY 12, 1938. Class 46.

360,586. MAILING ENVELOPES OF ALL KINDS FOR LETTERS AND PRINTED MATTER. RALPH N. SKRAINKA, University City, Mo.
Filed April 18, 1938. Serial No. 405,416. PUBLISHED JULY 12, 1938. Class 37.

360,587. SALVE FOR RHEUMATISM, ACHES, PAINS, ATHLETE'S FOOT, HEADACHES, PLEURISY, CORNS, BUNIONS, AND ANALOGOUS FOOT AILMENTS. WILLIAM S. LITTLE, Montgomery, Ala.
Filed April 19, 1938. Serial No. 405,451. PUBLISHED JULY 12, 1938. Class 6.

360,588. ANTIANEMIC PREPARATIONS. E. R. SQUIBB & SONS, New York, N. Y.
Filed April 19, 1938. Serial No. 405,466. PUBLISHED JULY 5, 1938. Class 6.

360,589. PERFUMES AND FACE POWDER. CALIFORNIA PERFUME COMPANY, INC., New York, N. Y.
Filed April 20, 1938. Serial No. 405,482. PUBLISHED JULY 5, 1938. Class 6.

360,590. AQUEOUS, COLLOIDAL SUSPENSION OF MANGANESE HYDROXIDE USED BOTH BY INJECTION AND ORALLY IN THE TREATMENT OF BOILS, ACNE, AND CERTAIN PYOGENIC INFECTIONS OF STAPHYLOCOCCIC ORIGIN. CROOKES LABORATORIES, INC., New York, N. Y.
Filed April 20, 1938. Serial No. 405,485. PUBLISHED JULY 5, 1938. Class 6.

360,591. CALAMINE IN GREASELESS CREAM WITH AN ANESTHETIC FOR USE IN IRRITATIVE SKIN CONDITIONS. CROOKES LABORATORIES, INC., New York, N. Y.
Filed April 20, 1938. Serial No. 405,486. PUBLISHED JULY 5, 1938. Class 6.

360,592. EFFERVESCENT LAXATIVE PREPARATION FOR THE RELIEF OF SOUR STOMACH, HEARTBURN, GAS ON STOMACH, FLATULENCE, BELCHING, HEADACHE, AND BAD BREATH CAUSED BY GASTRIC HYPERACIDITY OR TEMPORARY CONSTIPATION, AND OVER-INDULGENCE IN EATING OR DRINKING. FLORET PRODUCTS CO., New York, N. Y.
Filed April 20, 1938. Serial No. 405,492. PUBLISHED JULY 5, 1938. Class 6.

360,593. PREPARATION FOR THE RELIEF OF ASTHMA. GRIFFIN & COMPANY, Chapel Hill, N. C.
Filed April 20, 1938. Serial No. 405,503. PUBLISHED JULY 5, 1938. Class 6.

360,594. WALLPAPER BOOK COVERS. BREWSTER WALLPAPER COMPANY, Quincy, Mass.
Filed April 22, 1938. Serial No. 405,587. PUBLISHED JULY 12, 1938. Class 37.

360,595. OINTMENT FOR EXTERNAL USE IN THE TREATMENT OF BOILS, PIMPLES, PILES, SORES, AND THE LIKE. EDGAR J. CALLAHAN, Hialeah, Fla.
Filed April 22, 1938. Serial No. 405,588. PUBLISHED JULY 12, 1938. Class 6.

360,596. HORTICULTURAL GROWTHS AND NURSERY STOCKS, PARTICULARLY ROSE BUSHES, ROSE PLANTS, ROSE STOCKS, ROOTED ROSE CUTTINGS, POTTED ROSE PLANTS, AND CUT FLOWERS. JOHN PARMENTIER, doing business as Parmentier's Roses, Bayport, Long Island, N. Y.
Filed April 22, 1938. Serial No. 405,613. PUBLISHED JULY 12, 1938. Class 1.

360,597. COSMETICS, VIZ., CREME ROUGE, NAIL POLISH REMOVER PADS IMPREGNATED WITH A PREPARATION TO FACILITATE THE REMOVAL OF NAIL POLISH, FACIAL CLEANSING PADS IMPREGNATED WITH A PREPARATION TO FACILITATE THE REMOVAL OF FACIAL PREPARATIONS, ETC., AND PADS IMPREGNATED WITH HAND LOTION. STA-RITE HAIR PIN COMPANY, Shelbyville, Ill.
Filed April 22, 1938. Serial No. 405,620. PUBLISHED JULY 12, 1938. Class 6.

360,598. COAL. THE CONSOLIDATED COAL COMPANY, St. Louis, Mo.
Filed April 23, 1938. Serial No. 405,633. PUBLISHED JULY 12, 1938. Class 1.

360,599. CONFECTIONERY—NAMELY, CANDY. HAWLEY & HOOPS, New York, N. Y.
Filed April 23, 1938. Serial No. 405,645. PUBLISHED JULY 12, 1938. Class 46.

360,600. TOILET OR WASH CLOTHS. JAY C. JOHNSON, doing business as The House of Johnson, Baltimore, Md.
Filed April 23, 1938. Serial No. 405,649. PUBLISHED JULY 12, 1938. Class 42.

360,601. CONDENSED BUTTERMILK AND DRIED BUTTERMILK AND CONDENSED BUTTERMILK WITH COD LIVER OIL AND LACTOFLAVIN, ALL USED AS POULTRY AND HOG FOODS. FRANK PILLEY & SONS, INC., Omaha, Nebr.
Filed April 23, 1938. Serial No. 405,665. PUBLISHED JULY 12, 1938. Class 46.

360,602. MACHINE TOOL EQUIPMENT—NAMELY, SLOT BOLTS, SLOT NUTS AND OTHER NUTS, WASHERS, STEP BLOCKS, STUDS, CLAMPS, WEDGES AND SHAFT KEYSEATERS. GEORGE H. SELTZER, doing business as George H. Seltzer Company, Drexel Hill, Pa.
Filed April 23, 1938. Serial No. 405,670. PUBLISHED JULY 12, 1938. Class 23.

360,603. ASTRINGENTS, ASTRINGENT CERATES, BLEACH CREAMS, BEAUTY CREAMS, COLD CREAMS, ETC. JAMES C. CASSONE, Allentown, Pa.
Filed April 26, 1938. Serial No. 405,717. PUBLISHED JULY 12, 1938. Class 6.

360,604. WHISKEY. I. GINSBERG, INC., Charleston, S. C.
Filed April 26, 1938. Serial No. 405,721. PUBLISHED JULY 12, 1938. Class 49.

360,605. CALFSKIN LEATHER. B. D. EISENDRATH TANNING COMPANY, Chicago, Ill.
Filed April 27, 1938. Serial No. 405,771. PUBLISHED JULY 12, 1938. Class 1.

360,606. RUBBER MITTS. I. B. KLEINERT RUBBER COMPANY, New York, N. Y.
Filed April 27, 1938. Serial No. 405,777. PUBLISHED JULY 12, 1938. Class 39.

360,607. COTTON PIECE GOODS. M. LOWENSTEIN & SONS, INC., New York, N. Y.
Filed April 28, 1938. Serial No. 405,816. PUBLISHED JULY 12, 1938. Class 42.

360,608. MEDICINAL PREPARATIONS FOR TREATING COLDS. CARLOS SANTIAGO PÉREZ, Caracas, Venezuela.
Filed April 28, 1938. Serial No. 405,820. PUBLISHED JUNE 28, 1938. Class 6.

360,609. FOUNTAIN PENS AND PARTS THEREOF. THE WAHL COMPANY, Chicago, Ill.
Filed April 28, 1938. Serial No. 405,829. PUBLISHED JULY 12, 1938. Class 37.

360,610. INSECTICIDES AND FUNGICIDES. STAUFFER CHEMICAL COMPANY, New York, N. Y., and San Francisco, Calif.
Filed April 30, 1938. Serial No. 405,901. PUBLISHED JULY 12, 1938. Class 6.

360,611. SCARFS. BENJAMIN WOLF CO., INC., New York, N. Y.
Filed April 30, 1938. Serial No. 405,904. PUBLISHED JULY 12, 1938. Class 39.

360,612. BARBECUE HAM. THE KEEFE PACKING COMPANY, Arkansas City, Kans.
Filed May 2, 1938. Serial No. 405,930. PUBLISHED JULY 12, 1938. Class 46.

360,613. NON-ALCOHOLIC MALTLESS BEVERAGE USED AS A SOFT DRINK AND SYRUPS AND EXTRACTS FOR PREPARING THE SAME. MISSION DRY CORPORATION, Los Angeles, Calif.
Filed May 2, 1938. Serial No. 405,933. PUBLISHED JULY 12, 1938. Class 45.

360,614. LAXATIVE PREPARATION. SCHERING CORPORATION, Bloomfield, N. J.
Filed May 2, 1938. Serial No. 405,938. PUBLISHED JULY 12, 1938. Class 6.

360,615. SOLUTION USED AS A HAIR REVIVER. JAMES B. JONES, Evanston, Ill.
Filed May 3, 1938. Serial No. 405,963. PUBLISHED JULY 12, 1938. Class 6.

360,616. FACIAL PACK. MEYER S. MARKS, Chicago, Ill.
Filed May 3, 1938. Serial No. 405,965. PUBLISHED JULY 5, 1938. Class 6.

360,617. HAIR TONIC. THEODORE A. RICHTER, New York, N. Y.
Filed May 4, 1938. Serial No. 406,001. PUBLISHED JULY 12, 1938. Class 6.

360,618. BEER. THE BURGER BREWING COMPANY, Cincinnati, Ohio.
Filed May 5, 1938. Serial No. 406,012. PUBLISHED JULY 12, 1938. Class 48.

360,619. COMBINATION OF FERROUS SULPHATE AND LIVER EXTRACT, FOR USE IN THE TREATMENT OF SECONDARY OR HYPOCHROMIC ANEMIAS. G. W. CARNRICK CO., Newark, N. J.
Filed May 5, 1938. Serial No. 406,014. PUBLISHED JULY 12, 1938. Class 6.

360,620. HIGH BOILING OILY ESTERS, SUCH AS 2-ETHYL HEXYL PHTHALATE, 2-ETHYL HEXYL SEBACATE, AND THE LIKE. EASTMAN KODAK COMPANY, Jersey City, N. J., and Rochester, N. Y., assignor to Distillation Products, Inc., a corporation of Delaware.
Filed May 5, 1938. Serial No. 406,018. PUBLISHED JULY 12, 1938. Class 6.

360,621. COTTON PIECE GOODS, SHEETS, AND PILLOW CASES. HEARN DEPARTMENT STORES, INC., New York, N. Y.
Filed May 5, 1938. Serial No. 406,021. PUBLISHED JULY 12, 1938. Class 42.

360,622. EXPLODED WHEAT CEREAL, EXPLODED RICE CEREAL, AND EXPLODED CORN CEREAL. POPHITT CEREAL COMPANY, Minneapolis, Minn.
Filed May 5, 1938. Serial No. 406,038. PUBLISHED JULY 12, 1938. Class 46.

360,623. FAN-DRIVEN VENTILATORS, AIR DIFFUSERS, AND AIR ASPIRATORS. ANEMOSTAT CORPORATION OF AMERICA, New York, N. Y.
Filed May 6, 1938. Serial No. 406,042. PUBLISHED JULY 12, 1938. Class 34.

360,624. LAWN GRASS SEED. GOLF AND LAWN SUPPLY CORPORATION, Scarsdale, N. Y.
Filed May 6, 1938. Serial No. 406,053. PUBLISHED JULY 12, 1938. Class 1.

360,625. WOOLEN AND WORSTED PIECE GOODS. KOLBERT-LIEBERMAN, INC., New York, N. Y.
Filed May 6, 1938. Serial No. 406,060. PUBLISHED JULY 12, 1938. Class 42.

360,626. FAN-DRIVEN VENTILATORS, AIR DIFFUSERS, AND AIR ASPIRATORS. ANEMOSTAT CORPORATION OF AMERICA, New York, N. Y.
Filed May 7, 1938. Serial No. 406,083. PUBLISHED JULY 12, 1938. Class 34.

360,627. CAMERAS. MAX BBESSLER, doing business as General Products Company, Chicago, Ill.
Filed May 9, 1938. Serial No. 406,114. PUBLISHED JULY 12, 1938. Class 26.

360,628. BREAD. RAY T. PARFET, doing business as Cosmic-Ray Enterprises, Kalamazoo, Mich.
Filed May 9, 1938. Serial No. 406,148. PUBLISHED JULY 12, 1938. Class 46.

360,629. CANNED FRUITS AND CANNED VEGETABLES. PRATT-LOW PRESERVING CO., Santa Clara, Calif.
Filed May 9, 1938. Serial No. 406,149. PUBLISHED JULY 12, 1938. Class 46.

360,630. RADIO FREQUENCY AND AUDIO FREQUENCY TRANSMITTING AND RECEIVING APPARATUS, AND PARTS THEREOF. ZENITH RADIO CORPORATION, Chicago, Ill.
Filed May 9, 1938. Serial No. 406,160. PUBLISHED JULY 12, 1938. Class 21.

360,631. RADIO FREQUENCY AND AUDIO FREQUENCY TRANSMITTING AND RECEIVING APPARATUS, AND PARTS THEREOF. ZENITH RADIO CORPORATION, Chicago, Ill.
Filed May 9, 1938. Serial No. 406,161. PUBLISHED JULY 12, 1938. Class 21.

360,632. RADIO FREQUENCY AND AUDIO FREQUENCY TRANSMITTING AND RECEIVING APPARATUS, AND PARTS THEREOF. ZENITH RADIO CORPORATION, Chicago, Ill.
Filed May 9, 1938. Serial No. 406,162. PUBLISHED JULY 12, 1938. Class 21.

360,633. WOVEN PIECE GOODS OF WOOL, COTTON, ETC. DESCOURS, GENTHON, INC., New York, N. Y.
Filed May 10, 1938. Serial No. 406,179. PUBLISHED JULY 12, 1938. Class 42.

360,634. SPARK PLUGS. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio.
Filed May 10, 1938. Serial No. 406,182. PUBLISHED JULY 12, 1938. Class 21.

360,635. BRASS, REED, AND STRINGED MUSICAL INSTRUMENTS—NAMELY, CORNETS, TRUMPETS, TROMBONES, SAXOPHONES, BASS HORNS, VIOLINS, CLARINETS, GUITARS, AND ACCORDIONS. NATIONAL INSTITUTE OF MUSIC AND ARTS, INC., Seattle, Wash.
Filed May 10, 1938. Serial No. 406,189. PUBLISHED JULY 12, 1938. Class 36.

360,636. DIAMOND CORE BITS, DIAMOND DRESSING TOOLS, AND DIAMOND CUTTING TOOLS. J. K. SMIT & SONS, INC., New York, N. Y.
Filed May 10, 1938. Serial No. 406,197. PUBLISHED JULY 12, 1938. Class 23.

360,637. GARGLE AND MOUTH WASH. SIDNEY BESKIND, doing business as The Tanophene Co., Coral Gables, Fla.
Filed May 11, 1938. Serial No. 406,210. PUBLISHED JULY 5, 1938. Class 6.

360,638. NUTS, CANDY, AND SPICES. LOUIS JAFFE, doing business as Pikabag Service Co., Philadelphia, Pa.
Filed May 11, 1938. Serial No. 406,219. PUBLISHED JULY 12, 1938. Class 46.

360,639. ELECTRICALLY OPERATED SUCTION CLEANERS AND PARTS THEREOF AND ATTACHMENTS AND ACCESSORIES THEREFOR. THE P. A. GEIER COMPANY, Cleveland, Ohio.
Filed May 12, 1938. Serial No. 406,246. PUBLISHED JULY 12, 1938. Class 21.

360,640. COMPOUNDS OR MIXTURES CONTAINING ORGANIC PEROXIDES IN COMBINATION WITH ORGANIC OR INORGANIC FILLERS OR DILUENTS. LUCIDOL CORPORATION, Buffalo, N. Y.
Filed May 12, 1938. Serial No. 406,257. PUBLISHED JULY 12, 1938. Class 6.

360,641. PRETZELS, POTATO CHIPS, AND CHEESE FLAVORED POPCORN. BECKER PRETZEL BAKERIES, INC., Baltimore, Md.
Filed May 13, 1938. Serial No. 406,268. PUBLISHED JULY 12, 1938. Class 46.

360,642. PAPER, MORE PARTICULARLY LAMINATED GLASSINE PAPER. THE GLASSINE PAPER COMPANY, West Conshohocken, Pa.
Filed May 13, 1938. Serial No. 406,287. PUBLISHED JULY 12, 1938. Class 37.

360,643. PRODUCT FOR SUNBURN PREPARATION. LIMRAY CO. INC., New York, N. Y.
Filed May 13, 1938. Serial No. 406,297. PUBLISHED JULY 5, 1938. Class 6.

360,644. COLD CREAM SOAP. F. W. WOOLWORTH CO., Watertown and New York, N. Y.
Filed May 13, 1938. Serial No. 406,319. PUBLISHED JULY 12, 1938. Class 4.

360,645. PAPER NAPKINS, WAXED PAPER, PAPER TOWELS, AND PAPER FACIAL TISSUE. BILTMORE PAPER CO., INC., New York, N. Y.
Filed May 14, 1938. Serial No. 406,323. PUBLISHED JULY 12, 1938. Class 37.

360,646. WATCHES—NAMELY, WRIST OR STRAP WATCHES. BULOVA WATCH COMPANY, INC., New York, N. Y.
Filed May 14, 1938. Serial No. 406,327. PUBLISHED JULY 12, 1938. Class 27.

360,647. CLOCKS AND WATCHES. GENERAL TIME ISTRUMENTS CORPORATION, New York, N. Y., and La Salle, Ill.
Filed May 14, 1938. Serial No. 406,336. PUBLISHED JULY 12, 1938. Class 27.

360,648. FRESH DECIDUOUS FRUITS. SAMPSON SNYDER, doing business as Bastrop Orchard Co., Bastrop, La.
Filed May 14, 1938. Serial No. 406,353. PUBLISHED JULY 12, 1938. Class 46.

360,649. SCHOOL TABLETS, COMPOSITION BOOKS, AND TYPEWRITER PAPER. TAYLOE PAPER COMPANY, Memphis, Tenn.
Filed May 14, 1938. Serial No. 406,355. PUBLISHED JULY 12, 1938. Class 37.

360,650. LIVE AND DRESSED TURKEYS. JOE KLINE, Mount Morrison, Colo.
Filed May 16, 1938. Serial No. 406,387. PUBLISHED JULY 12, 1938. Class 46.

360,651. FILLER FOR RUBBER, ASPHALT, AND SIMILAR COMPOSITIONS. NEW HAMPSHIRE DIATOMITE COMPANY, Portsmouth, N. H.
Filed May 17, 1938. Serial No. 406,430. PUBLISHED JULY 12, 1938. Class 1.

360,652. PERFUME, EAU DE COLOGNE, LOTION FOR THE FACE, HANDS, AND HAIR, TOILET POWDERS, ROUGES. PARFUMERIE F. MILLOT, SOCIÉTÉ ANONYME, Paris, France.
Filed May 17, 1938. Serial No. 406,431. PUBLISHED JULY 12, 1938. Class 6.

360,653. MANICURE AND COSMETIC BRUSHES. HAMILTON C. BATES, doing business as C. J. Bates & Son, Chester, Conn.
Filed May 18, 1938. Serial No. 406,439. PUBLISHED JULY 12, 1938. Class 29.

360,654. FURNITURE—NAMELY, CHAIRS, SEATS, SETTEES, STOOLS, TABLES, STANDS, FOOTSTOOLS, COSTUMERS, HALL RACKS, HAT RACKS, AND WRITING DESKS, CONSTRUCTED WHOLLY OR PARTIALLY FROM METAL. MEYER GREITZER, Los Angeles, Calif.
Filed May 18, 1938. Serial No. 406,449. PUBLISHED JULY 12, 1938. Class 32.

360,655. ALUMINUM EARTH FILTERING MATERIALS, PARTICULARLY FOR TREATING OILS. MAX B. MILLER & CO. INC., New York, N. Y.
Filed May 18, 1938. Serial No. 406,463. PUBLISHED JULY 12, 1938. Class 1.

360,656. FOOD FLAVORING EXTRACTS. PENNEX PRODUCTS COMPANY, Pittsburgh, Pa.
Filed May 18, 1938. Serial No. 406,466. PUBLISHED JULY 12, 1938. Class 46.

360,657. ANTI-FREEZE SOLUTION FOR GASOLINE MOTOR RADIATORS. W. (WALTER) H. RUNYAN, Rapid City, S. Dak.
Filed May 18, 1938. Serial No. 406,468. PUBLISHED JULY 5, 1938. Class 6.

360,658. TABLET INDICATED IN THE TREATMENT OF CERTAIN CONDITIONS DUE TO CIRCULATORY DISORDERS. BREWER & COMPANY, INC., Worcester, Mass.
Filed May 19, 1938. Serial No. 406,491. PUBLISHED JULY 5, 1938. Class 6.

360,659. AUTOMOBILE UPHOLSTERY MADE FROM A CORDUROY TYPE OF MATERIAL COMPRISING EITHER COTTON GOODS OR A MIXTURE OF COTTON WITH RAYON OR WOOL. A. D. JUILLIARD & CO. INC., New York, N. Y.
Filed May 19, 1938. Serial No. 406,514. PUBLISHED JULY 12, 1938. Class 42.

360,660. HAIR BRUSHES, SHAVING BRUSHES, HAND BRUSHES, BATH BRUSHES, SHAMPOO BRUSHES, TOOTH BRUSHES, AND TOILET BRUSHES. LONDON HOUSE, LTD., New York, N. Y.
Filed May 19, 1938. Serial No. 406,517. PUBLISHED JULY 12, 1938. Class 29.

360,661. PASTEURIZED MILK. THE BORDEN COMPANY, New York, N. Y.
Filed May 20, 1938. Serial No. 406,545. PUBLISHED JULY 12, 1938. Class 46.

360,662. MEDICINAL PREPARATION USED AS A BLOOD ANTI-COAGULANT. ROCHE-ORGANON, INC., Nutley, N. J.
Filed May 20, 1938. Serial No. 406,565. PUBLISHED JULY 5, 1938. Class 6.

360,663. PEANUT CANDY AND SALTED PEANUTS. ALLEN & SMITH COMPANY, INC., Richmond, Va.
Filed May 21, 1938. Serial No. 406,572. PUBLISHED JULY 12, 1938. Class 46.

360,664. FRESH CITRUS FRUIT. MESA CITRUS GROWERS, Mesa, Ariz.
Filed May 21, 1938. Serial No. 406,593. PUBLISHED JULY 12, 1938. Class 46.

360,665. MEDICINAL PREPARATION USED IN THE TREATMENT OR PREVENTION OF COLDS AND AFFECTIONS OF THE THROAT AND NASAL PASSAGES. VICK CHEMICAL COMPANY, New York, N. Y.
Filed May 23, 1938. Serial No. 406,618. PUBLISHED JULY 5, 1938. Class 6.

360,666. INSECTICIDES AND FUNGICIDES; A SPRAY COMPOUND FOR IMPROVING THE DISTRIBUTION OF INSECTICIDAL AND FUNGICIDAL SPRAYS; SODIUM, CALCIUM, AND SILICATE COMPOUNDS, PARTICULARLY SODIUM HYDROXIDE, SODIUM SILICATE, AND LIME. GENERAL CHEMICAL COMPANY, New York, N. Y.
Filed May 23, 1938. Serial No. 406,639. PUBLISHED JULY 12, 1938. Class 6.

360,667. FRESH CITRUS FRUIT. SAN FERNANDO HEIGHTS ORANGE ASSN., San Fernando, Calif.
Filed May 23, 1938. Serial No. 406,657. PUBLISHED JULY 12, 1938. Class 46.

360,668. PROTEIN AND PROTEIN COMPOUND FOR USE IN NORMALIZING ABNORMAL BLOOD CONDITIONS. CARMELO BALDINI, New York, N. Y.
Filed May 24, 1938. Serial No. 406,673. PUBLISHED JULY 5, 1938. Class 6.

360,669. MACHINES FOR CUTTING AND WELDING METAL BY MEANS OF GASES. AIR REDUCTION SALES COMPANY, New York, N. Y.
Filed May 25, 1938. Serial No. 406,701. PUBLISHED JULY 12, 1938. Class 34.

360,670. BOILERS. KEWANEE BOILER CORPORATION, Kewanee, Ill.
Filed May 25, 1938. Serial No. 406,720. PUBLISHED JULY 12, 1938. Class 34.

360,671. SHAMPOO PREPARATION. MARIE RODRIGUEZ, doing business as Lulu Products, New York, N. Y.
Filed May 26, 1938. Serial No. 406,775. PUBLISHED JULY 5, 1938. Class 6.

360,672. OPEN HEARTH STEEL. INLAND STEEL COMPANY, Chicago, Ill.
Filed May 27, 1938. Serial No. 406,808. PUBLISHED JULY 12, 1938. Class 14.

360,673. WALLETS, BILLFOLDS, AND CHECK PAD CARRIERS. COLUMBIAN ART WORKS, INC., Milwaukee, Wis.
Filed May 31, 1938. Serial No. 406,920. PUBLISHED JULY 12, 1938. Class 3.

360,674. LINE OR GROUP OF ENTERIC COATED TABLETS. PARKE, DAVIS & COMPANY, Detroit, Mich.
Filed May 31, 1938. Serial No. 406,936. PUBLISHED JULY 12, 1938. Class 6.

360,675. CHEMICALS USED IN THE MANUFACTURE OF LUBRICANTS. E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del.
Filed June 1, 1938. Serial No. 406,964. PUBLISHED JULY 12, 1938. Class 6.

360,676. AIR VALVES FOR STEAM-HEATING SYSTEMS. HOFFMAN SPECIALTY COMPANY, Waterbury, Conn.
Filed June 1, 1938. Serial No. 406,975. PUBLISHED JULY 12, 1938. Class 13.

360,677. AIR VALVES FOR STEAM-HEATING SYSTEMS. HOFFMAN SPECIALTY COMPANY, Waterbury, Conn.
Filed June 1, 1938. Serial No. 406,976. PUBLISHED JULY 12, 1938. Class 13.

360,678. FISH-LINE. THE CRAVENETTE COMPANY, U. S. A., Hoboken, N. J.
Filed June 3, 1938. Serial No. 407,057. PUBLISHED JULY 12, 1938. Class 22.

360,679. MONTHLY PUBLICATION. U. S. NAVAL ACADEMY ALUMNI ASSOCIATION, Washington, D. C.
Filed May 6, 1938. Serial No. 406,074. PUBLISHED JULY 19, 1938. Class 38.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

360,680. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) WOODWARD & LOTHROP, Washington, D. C. Filed Sept. 23, 1937. Serial No. 397,734.

Wakefield

For Hooked Rugs, Sheets, and Pillowcases.
Claims use since Mar. 1, 1930, on hooked rugs; since Aug. 11, 1937, on sheets and pillowcases.

360,681. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) THE GLASSAVE COMPANY, INC., New York, N. Y. Filed Nov. 15, 1937. Serial No. 399,755.

GLASSAVE

For Stemmed Holders for Glassware, Made of Precious Metal.
Claims use since Mar. 1, 1936.

360,682. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) THE BRISTOL COMPANY, Waterbury, Conn. Filed Dec. 28, 1937. Serial No. 401,291.

FREE-VANE

For Indicating and/or Recording Controller Instruments for Controlling Temperature, Pressure, and Flow of Liquids, for Controlling Liquid Levels, Humidity, Motion and Operation, and Speed.
Claims use since Mar. 23, 1932.

360,683. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) CARLETON SCHALLER & CO., INC., New York, N. Y. Filed Jan. 15, 1938. Serial No. 401,921.

CARLETON SCHALLER & CO INC.
FLAXNUB

For Linen Piece Goods.
Claims use since Feb. 2, 1937.

360,684. (CLASS 39. CLOTHING.) CORT SHOES, INC., Cleveland, Ohio. Filed Feb. 3, 1938. Serial No. 402,665.

THE "Morley" SHOE

For Men's, Women's, and Children's Shoes Made of Leather, Fabric, Rubber, or Any Combination of One or More of Said Materials.
Claims use since March, 1936.

360,685. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) H. C. BAXTER & BRO., Brunswick, Maine. Filed Feb. 4, 1938. Serial No. 402,681.

CORN HEARTS

For Canned Corn.
Claims use since Nov. 30, 1936.

360,686. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) EDWARD I. FRIEDMAN, Chicago, Ill. Filed Feb. 10, 1938. Serial No. 402,907.

FUR CLENE

For Preparation in Powder Form for Cleaning and Glazing Furs.
Claims use since May 18, 1937.

360,687. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) STANLEY G. KLUMB, Milwaukee, Wis. Filed Feb. 12, 1938. Serial No. 402,979.

CHAMPION

For Electrical Apparatus, More Specifically a Unit Including Rectifier, Condenser, and Signal Controlling Apparatus for Current Supply for Electrification of the Wires Which Constitute So Called Electrical Fences for Retaining Cattle Within Enclosures.
Claims use since July 17, 1938.

360,688. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THOMAS LEROY BRISCOE, doing business as Briscoe Dance Wax Co., Spokane, Wash. Filed Mar. 29, 1938. Serial No. 404,595.

BRISCOE *Products*

For Preparation for Waxing Floors.
Claims use since Mar. 1, 1931.

360,689. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) FRIEDMANS' JEWELERS, INC., Savannah, Ga. Filed May 14, 1938. Serial No. 406,334.

BLUE RIDGE *perfect* **DIAMOND**

For Genuine Diamonds, Mounted and Unmounted.
Claims use since Feb. 1, 1932.

360,690. (CLASS 39. CLOTHING.) MATLIN CLOAK AND SUIT CO., INC., New York, N. Y. Filed June 8, 1938. Serial No. 407,239.

Mel Borne

For Women's, Misses', and Children's Coats and Suits.
Claims use since Aug. 2, 1937.

360,691. (CLASS 39. CLOTHING.) I. B. KLEINERT RUBBER COMPANY, New York, N. Y. Filed June 9, 1938. Serial No. 407,270.

KAPELET

For Make-up and Shampoo Capes.
Claims use since June, 1935.

360,692. (CLASS 39. CLOTHING.) SOL SHERMAN, New York, N. Y. Filed June 14, 1938. Serial No. 407,473.

MONTE CARLO BOWS* *BY* *SHERMAN

For Neckties.
Claims use since January, 1929.

360,693. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) WARREN WOOLEN CO., Stafford Springs, Conn. Filed June 15, 1938. Serial No. 407,512.

Warren of Stafford

For Woolen Piece Goods.
Claims use since June 1, 1937.

360,694. (CLASS 39. CLOTHING.) FRED PERLBERG, INC., New York, N. Y. Filed June 25, 1938. Serial No. 407,915.

Young Hollywood FASHION

For Women's and Misses' Dresses.
Claims use since May 27, 1937.

360,695. (CLASS 39. CLOTHING.) GORDON V. LYONS, INC., New York, N. Y. Filed June 30, 1938. Serial No. 408,064.

PERSIANKURL

For Women's and Misses' Coats and Suits.
Claims use since Feb. 1, 1937.

360,696. (CLASS 38. PRINTS AND PUBLICATIONS.) HOLLYWOOD PATTERN COMPANY, Greenwich, Conn. Filed July 6, 1938. Serial No. 408,243.

HOLLYWOOD ★★★★ **PATTERN BOOK**

For Publication Issued Quarterly.
Claims use since Sept. 1, 1933.

360,697. (CLASS 39. CLOTHING.) RELIANCE MANUFACTURING COMPANY, doing business as The Sterling Company, Chicago, Ill. Filed Apr. 6, 1936. Serial No. 376,862.

Margot de Mar

For Ladies' Dresses.
Claims use since Mar. 27, 1936.

360,698. (CLASS 38. PRINTS AND PUBLICATIONS.) G. A. ACKERMANN PRINTING CO., INC., Chicago, Ill. Filed Oct. 26, 1936. Serial No. 384,778.

NU-BRITE

For Printed Paper Folders, Printed Circulars, and Printed Advertising Matter Sold as Such to the Trade.
Claims use since July 30, 1935.

360,699. (CLASS 37. PAPER AND STATIONERY.) GRAHAM PAPER COMPANY, St. Louis, Mo. Filed May 24, 1937. Serial No. 393,170.

Safe-T-Shade

For Ledger Paper.
Claims use since May 1, 1937.

360,700. (CLASS 39. CLOTHING.) THE GEORGE MCLACHLAN HAT COMPANY, Danbury, Conn. Filed June 30, 1937. Serial No. 394,719.

STURDY

For Men's and Women's Felt Hats and Felt Hat Bodies in the Rough.
Claims use since June 1, 1937.

360,701. (CLASS 39. CLOTHING.) PIONEER WAIST COMPANY, Philadelphia, Pa. Filed July 17, 1937. Serial No. 395,352.

Ketti Kent

For Ladies' Silk and Cotton Dresses and Blouses.
Claims use since July 1, 1937.

360,702. (CLASS 39. CLOTHING.) BLOOM & JAFFIN, New York, N. Y. Filed July 22, 1937. Serial No. 395,515.

Sans Égal

For Ladies', Misses', and Juniors' Underwear and Slips, Dresses, Frocks, and Gowns.
Claims use since June 15, 1937.

360,703. (CLASS 39. CLOTHING.) EARNSHAW KNITTING COMPANY, Newton, Mass. Filed July 23, 1937. Serial No. 395,567.

NO-FAS-NING

For Infants' and Children's Shirts and Vests.
Claims use since July 13, 1937.

360,704. (CLASS 39. CLOTHING.) WEBWOOD CORPORATION, New York, N. Y. Filed July 28, 1937. Serial No. 395,727.

ALLEATHER

For Shoe-Heels and Heel Bases.
Claims use since July 1, 1937.

360,705. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) ARMSTRONG CORK PRODUCTS COMPANY, Lancaster, Pa. Filed Aug. 2, 1937. Serial No. 395,894.

CORKY

For Gaskets and Nonmetallic Washers of Cork Composition, Paper, Rubber, Synthetic Rubber, or Similar Compressible Materials.
Claims use since July 10, 1937.

360,706. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JOHN C. WELWOOD CORPORATION, New York, N. Y. Filed Aug. 4, 1937. Serial No. 396,018.

WEL-PAKT

For Ribbons Made of Silk, Rayon, Cotton, and Mixtures Thereof and Velvet Sold by the Bolt.
Claims use since May, 1937.

360,707. (CLASS 39. CLOTHING.) I. AARONSON DANCE FROCKS, INC., New York, N. Y. Filed Aug. 10, 1937. Serial No. 396,220.

MARIE-W YNN

For Dinner, Dance, and Wedding Gowns.
Claims use since July 24, 1937.

360,708. (CLASS 39. CLOTHING.) THE MAY DEPARTMENT STORES COMPANY, New York, N. Y.; Cleveland and Akron, Ohio; Baltimore, Md.; Los Angeles, Calif.; and Denver, Colo., doing business under the name of Famous Barr Company, St. Louis, Mo. Filed Aug. 11, 1937. Serial No. 396,275.

Wear-Right FURS FAMOUS-BARR CO.

The word "Furs" is disclaimed except as shown.
For Women's and Misses' Fur Coats.
Claims use since July 1, 1937.

360,709. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) MARK W. ALLEN & CO., Detroit, Mich. Filed Aug. 17, 1937. Serial No. 396,481.

so fresh

For Saponaceous Compounds for Cleaning the Hands, Shaving Cream, Shaving Sticks, Shaving Powder, Outfit

Packages Containing Soap and Towel; Soap Powder for Bathing, Washing, and Cleaning Purposes; Laundry Soaps, Soap Flakes, Hand Soaps, Toilet Soaps, Soap Pastes, Washing Tablets, Bath Soap Tablets, and Shampoo Soaps
Claims use since June 28, 1937.

360,710. (CLASS 39. CLOTHING.) LORCH MANUFACTURING COMPANY, Dallas, Tex. Filed Aug. 21, 1937. Serial No. 396,641.

Avon Dale Model

For Ladies' and Misses' Coats and Suits.
Claims use since May 15, 1937.

360,711. (CLASS 39. CLOTHING.). HENRY POLLAK, INC., New York, N. Y. Filed Aug. 21, 1937. Serial No. 396,648.

CHAUMONT

For Hat Bodies and Hats for Women and Children.
Claims use since July 30, 1937.

360,712. (CLASS 39. CLOTHING.) HENRY POLLAK, INC., New York, N. Y. Filed Aug. 21, 1937. Serial No. 396,650.

HARWICH

For Hat Bodies and Hats for Women and Children.
Claims use since July 30, 1937.

360,713. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) VAN CAMP SEA FOOD CO., INC., Terminal Island, Calif. Filed Aug. 30, 1937. Serial No. 396,937.

LAY-AN-GROW

For Poultry Food.
Claims use since Aug. 14, 1937.

360,714. (CLASS 43. THREAD AND YARN.) HEMINWAY AND BARTLETT SILK CO., Watertown, Conn. Filed Sept. 23, 1937. Serial No. 397,711.

HAND-I-PACKET

For Silk Thread.
Claims use since Aug. 10, 1937.

TRADE-MARK REGISTRATIONS RENEWED

15,822. HOG MEATS AND LARD. Registered September 4, 1888. CO-OPERATIVE WHOLESALE SOCIETY, (LIMITED), Manchester, London, and Newcastle-on-Tyne, England, and New York, N. Y. Re-renewed September 4, 1938, to Co-operative Wholesale Society Limited, Manchester, England, a corporation of Great Britain.

116,334. CERTAIN NAMED TOILET PREPARATIONS. Registered April 24, 1917. LUNDBORG COMPANY. Renewed April 24, 1937, to Lundborg Perfumer, Inc., New York, N. Y., a corporation of New York, assignee by mesne assignments.

116,658. DISPLAY-STANDS FOR EXHIBITING PERFUMERY IN BOTTLES AND OTHER ARTICLES FOR SALE. Registered May 15, 1917. LUNDBORG COMPANY. Renewed May 15, 1937, to Lundborg Perfumer, Inc., New York, N. Y., a corporation of New York, assignee by mesne assignments.

119,334. PERFUME, TOILET WATER, TOILET CREAMS, TOILET POWDERS, AND BATH-SALTS. Registered November 13, 1917. LUNDBORG COMPANY. Renewed November 13, 1937, to Lundborg Perfumer, Inc., New York, N. Y., a corporation of New York, assignee by mesne assignments.

121,560. CERTAIN NAMED DENTAL, MEDICAL, AND SURGICAL APPLIANCES. Registered May 7, 1918. MACGREGOR INSTRUMENT COMPANY, Boston, Mass. Renewed May 7, 1938, to MacGregor Instrument Company, Needham, Mass., a corporation of Massachusetts.

122,508. PERFUMERY IN LIQUID FORM. Registered August 20, 1918. LUNDBORG COMPANY. Renewed August 20, 1938, to Lander Co. Inc., New York, N. Y., a corporation of New York, assignee.

122,509. PERFUMERY IN LIQUID FORM AND IN POWDER FORM. Registered August 20, 1918. LUNDBORG COMPANY. Renewed August 20, 1938, to Lundborg Perfumer, Inc., New York, N. Y., a corporation of New York, assignee by mesne assignments.

122,589. CANNED PEAS AND CANNED CORN. Registered August 27, 1918. INDERRIEDEN CANNING CO. Renewed August 27, 1938, to The J. B. Inderrieden Company, Chicago, Ill., a corporation of Illinois, assignee.

122,590. CANNED PEAS AND CANNED CORN. Registered August 27, 1918. INDERRIEDEN CANNING CO. Renewed August 27, 1938, to The J. B. Inderrieden Company, Chicago, Ill., a corporation of Illinois, assignee.

122,604. CIGARS, CIGARETTES, AND MANUFACTURED TOBACCO. Registered August 27, 1918. NATRONA TOBACCO CO., Philadelphia, Pa., a corporation of Delaware. Renewed August 27, 1938.

123,416. SMOKING AND CHEWING TOBACCO AND CIGARETTES. Registered November 12, 1918. THE AMERICAN TOBACCO CO., New York, N. Y., a corporation of New Jersey. Renewed November 12, 1938.

123,512. GOLF-BALLS. Registered November 12, 1918. WRIGHT & DITSON, Boston, Mass. Renewed November 12, 1938, to Spalding Sales Corporation, New York, N. Y., a corporation of New Jersey, assignee.

123,781. CERTAIN NAMED WEARING-APPAREL. Registered December 10, 1918. OSCAR A. BERMAN. Renewed December 10, 1938, to The Ironall Factories Co., Cincinnati, Ohio, a corporation of Ohio, assignee.

123,983. CERTAIN NAMED METALS AND METAL CASTINGS AND FORGINGS. Registered December 31, 1918. COLUMBIA TOOL STEEL COMPANY, Chicago Heights, Ill., a corporation of Illinois. Renewed December 31, 1938.

124,020. MOTOR-LUBRICATING OIL. Registered December 31, 1918. MARSHALL-WELLS COMPANY, Duluth, Minn., a corporation of New Jersey. Renewed December 31, 1938.

124,061. LUBRICATING-GREASE. Registered December 31, 1918. VISCOSITY OIL COMPANY, Chicago, Ill., a corporation of Illinois. Renewed December 31, 1938.

124,111. A SOLUTION FOR ACIDULATING MALTLESS NON-ALCOHOLIC BEVERAGES SOLD AS SOFT DRINKS. Registered January 14, 1919. THE LEHMAN-ROSENFELD CO. Renewed January 14, 1939, to Grandpa Brands Company, Cincinnati, Ohio, a corporation of Ohio, assignee by mesne assignments.

124,169. OILS FOR LUBRICATING TEXTILES. Registered January 14, 1919. VACUUM OIL COMPANY. Renewed January 14, 1939, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York, assignee.

124,307. ELECTRICAL SWITCH. Registered February 4, 1919. W. F. HESSEL. Renewed February 4, 1939, to W. F. Hessel Company, Inc., New York, N. Y., a corporation of New York, assignee.

124,337. BRONZE METAL AS UNMANUFACTURED MATERIAL IN VARIOUS FORMS. Registered February 4, 1919. THE RANDOLPH-CLOWES COMPANY. Renewed February 4, 1939, to The American Brass Company, Waterbury, Conn., a corporation of Connecticut, assignee.

124,369. AWNINGS, TENTS, WAGON COVERS, HATCH-COVERS, AND COVERING-SHEETS FOR PROTECTING MERCHANDISE. Registered February 11, 1919. BUFFALO AWNING & TENT MFG. CO. Renewed February 11, 1939, to Buffalo Awning and Tent Mfg. Co., Buffalo, N. Y., a corporation of New York.

124,376. TRADING OR DISCOUNT STAMPS AND COUPONS. Registered February 11, 1919. EAGLE DISCOUNT STAMP CO. Renewed February 11, 1939, to Eagle Discount Stamp Company, St. Louis, Mo., a corporation of Delaware, assignee.

124,377. TRADING OR DISCOUNT STAMPS AND COUPONS. Registered February 11, 1919. EAGLE DISCOUNT STAMP CO. Renewed February 11, 1939, to Eagle Discount Stamp Company, St. Louis, Mo., a corporation of Delaware, assignee.

124,394. HAM, BACON, LARD, SKINNED HAMS, PICNIC, BOILED HAMS, BOILED PICNICS, HOCKS, PIG-SNOUTS, BONELESS PIGS' FEET, PIG-HEARTS, AND PIG-TONGUES. Registered February 11, 1919. KOHRS PACKING COMPANY, Davenport, Iowa, a corporation of Iowa. Renewed February 11, 1939.

124,395. HAM, BACON, SKINNED HAMS, PICNIC, BOILED HAMS, BOILED PICNICS, HOCKS, PIG-SNOUTS, BONELESS PIGS' FEET, PIG-HEARTS, AND PIG-TONGUES. Registered February 11, 1919. KOHRS PACKING COMPANY, Davenport, Iowa, a corporation of Iowa. Renewed February 11, 1939.

124,424. OILS USED FOR DRESSING AND FINISHING LEATHER. Registered February 11, 1919. VACUUM OIL COMPANY. Renewed February 11, 1939, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York, assignee.

124,426. LUBRICATING OILS. Registered February 11, 1919. VACUUM OIL COMPANY. Renewed February 11, 1939, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York, assignee.

124,427. WHEAT-FLOUR. Registered February 11, 1919. WASHINGTON GRAIN AND MILLING CO., Reardan, Wash. Renewed February 11, 1939, to Centennial Flouring Mills Co., Seattle, Wash., a corporation of the State of Washington, assignee.

124,471. COFFEE AND TEA. Registered February 18, 1919. PARK & TILFORD, New York, N. Y., a corporation of New York. Renewed February 18, 1939.

LABELS

REGISTERED SEPTEMBER 20, 1938

51,819.—*Title:* CARIOCA. For Straight California Grape Brandy. K. ARAKELIAN, INC., Chicago, Ill. Published July 2, 1934.

51,820.—*Title:* BEECH-NUT ORALGUM. For Chewing Gum. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published August 11, 1938.

51,821.—*Title:* BEECH-NUT ORALGUM. For Chewing Gum. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published August 11, 1938.

51,822.—*Title:* WHITE HALL. For Peaches. R. R. CUNNINGHAM, Cambridge, Md. Published June 22, 1938.

51,823.—*Title:* POLAR CUB ELECTRIC VIBRATOR. For Electric Vibrators. THE A. C. GILBERT COMPANY, New Haven, Conn. Published August 5, 1938.

51,824.—*Title:* BETT MAID. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published February 28, 1938.

51,825.—*Title:* SALLYANA FASHIONS. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published March 22, 1938.

51,826.—*Title:* GOLD MEDAL FINE SHOES. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published February 21, 1938.

51,827.—*Title:* WALK-O-RITE. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published December 22, 1937.

51,828.—*Title:* C M O QUALITY SHOES. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published March 7, 1938.

51,829.—*Title:* THRIFTY-NIFTIES. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published January 11, 1938.

51,830.—*Title:* YOUTHFUL MODE. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published June 29, 1938.

51,831.—*Title:* YOUTHFUL MODE HAND CRAFTED FOR FLEXIBILITY. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published June 29, 1938.

51,832.—*Title:* CLAW-CURV SNELLED HOOKS. For Snelled Hooks. HORROCKS-IBBOTSON COMPANY, Utica, N. Y. Published July 25, 1938.

51,833.—*Title:* HAPPY HANDS. For a Hand Cream. NATIONAL MINERAL COMPANY, Chicago, Ill. Published June 1, 1938.

51,834.—*Title:* ISLE O' GOLD. For Bartlett Pears. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published July 1, 1938.

51,835.—*Title:* BIG GREEN SWEET GARDEN PEAS. For Canned Peas. OCONOMOWOC CANNING COMPANY, Oconomowoc, Wis. Published August 20, 1938.

51,836.—*Title:* BIG SWEET TENDER GARDEN PEAS. For Canned Peas. OCONOMOWOC CANNING COMPANY, Oconomowoc, Wis. Published August 20, 1938.

51,837.—*Title:* BARRETT'S TABLETS. For Tablets to Aid in the Relief of Sour Stomach, Heartburn, Gas, Flatulence, Sour Belching, Bloating, and Fullness after Eating. S. PFEIFFER MFG. CO., doing business as Barrett's Laboratories, St. Louis, Mo. Published January 22, 1938.

51,838.—*Title:* LOY'S BUTTER. For Butter. POLLOCK PAPER & BOX COMPANY, Dallas, Tex. Published August 10, 1938.

51,839.—*Title:* RAINBOW BUTTER. For Butter. POLLOCK PAPER & BOX COMPANY, Dallas, Tex. Published August 10, 1938.

51,840.—*Title:* SMITH'S. For Stock Ale. SMITH BROS., INC., New Bedford, Mass. Published July 11, 1938.

51,841.—*Title:* GREEN LABEL. For Tea Balls. STANDARD BRANDS INCORPORATED, New York, N. Y. Published July 11, 1938.

51,842.—*Title:* UNION SUPER STOP FREEZE. For an Anti-Freeze Compound. UNION OIL COMPANY OF CALIFORNIA, Los Angeles, Calif. Published July 1, 1938.

51,843.—*Title:* "X" CLEAN. For a Dirt and Grease Removing Compound. "X" LABORATORIES, INC., New York, N. Y. Published April 12, 1938.

51,844.—*Title:* "X" SHINE. For a Liquid Polishing Compound. "X" LABORATORIES, INC., New York, N. Y. Published April 12, 1938.

PRINTS

REGISTERED SEPTEMBER 20, 1938

17,047.—*Title:* BEECH-NUT ORALGUM. For Chewing Gum. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published August 17, 1938.

17,048.—*Title:* COAXING CORA COULDN'T GET HER CHILD TO EAT BREAKFAST WITHOUT BRIBING HIM UNTIL . . . For Cereal Food. GENERAL MILLS INC., Minneapolis, Minn. Published August 15, 1938.

17,049.—*Title:* UTILITY FROCKS AND UNIFORMS ADJUSTABLE TO FIT YOU PERFECTLY WITH THE AUTOMATIC SELF SIZER. For Frocks and Uniforms. S. L. HOFFMAN & CO., INC., New York, N. Y. Published August 23, 1938.

17,050.—*Title:* IN 1888 HE SHOT AN INSPIRED ARROW INTO TIME AND SPACE. For Fountain Pens and Mechanical Pencils. THE PARKER PEN COMPANY, Janesville, Wis. Published August 20, 1938.

REISSUES

SEPTEMBER 20, 1938

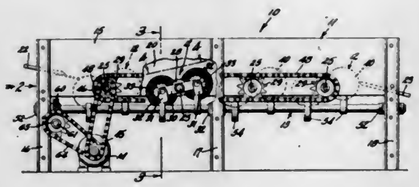
20,861

TRANSVERSE FRUIT BRUSHER

Harry J. Brandenburg, Glendora, Calif., assignor of sixty-five percent to F. E. Wood, W. G. Cartter, J. B. Seem, and W. J. Bailey, all of Monrovia, Calif.

Original No. 2,035,587, dated March 31, 1936, Serial No. 24,536, June 1, 1935. Application for reissue February 18, 1938, Serial No. 191,279

12 Claims. (Cl. 146—202)



10. In a transverse brusher, the combination of: a series of transverse brushes disposed in substantially the same horizontal plane said brushes comprising two sets, each set including alternate brushes of said series; means for rotating the brushes of at least one of said sets; and means rocking the brushes of one set about axes lying substantially upon the peripheries of the brushes of the other set to cause progress longitudinally in said machine of fruit resting on said brushes.

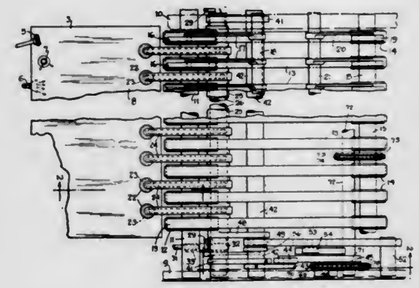
20,862

SHEET-FEEDER

Charles W. Harrold, University Heights, Ohio, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio, a corporation of Delaware

Original No. 1,920,388, dated August 1, 1933, Serial No. 496,616, November 19, 1930. Application for reissue May 27, 1937, Serial No. 145,067

46 Claims. (Cl. 271—30)



1. In a sheet-feeder, sheet-forwarding means and suction means for separating and advancing a sheet from a pile to said forwarding means, said suction means being moved forwardly and downwardly beneath the sheet when said sheet is under control of said forwarding means.

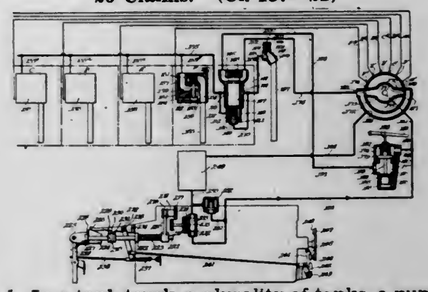
20,863

TANK TRUCK

Frank A. Holby, Riverside, Conn., assignor, by mesne assignments, to The William F. Kenny Company, New York, N. Y., a corporation of New York

Original No. 2,037,020, dated April 14, 1936, Serial No. 664,255, April 3, 1933. Application for reissue November 2, 1937, Serial No. 172,471

26 Claims. (Cl. 137—21)



1. In a tank truck, a plurality of tanks, a pump, conduits connecting the tanks with the intake side of the pump, a valve in each conduit normally closing the same, hydraulically actuated means associated with each valve for controlling the same, a source of fluid under pressure, means including a selector valve operable to direct fluid from the source to a selected valve controlling means, a hydraulic motor for driving the pump, a pressure line connecting the source and motor, a valve operable to control flow through said pressure line to the motor, and a discharge conduit in connection with the discharge side of the pump.

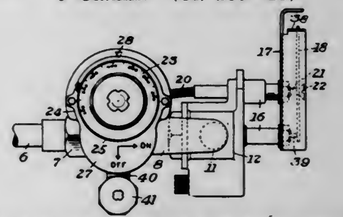
20,864

COMBINATION GAS COCK FOR THERMOSTATS

Robert E. Newell, Irwin, Pa., assignor to Robertshaw Thermostat Company, Youngwood, Pa., a corporation of Pennsylvania

Original No. 1,994,831, dated March 19, 1935, Serial No. 612,625, May 20, 1932. Application for reissue March 11, 1937, Serial No. 130,330

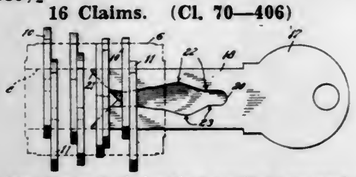
9 Claims. (Cl. 236—15)



1. In a structure of the character described, a thermostatic valve casing, a gas cock casing connected thereto for delivering gas to the thermostatic valve casing, said gas cock casing having a gas cock plug, a handle for operating said gas cock plug, a panel, and a thermostatic dial carried by said gas cock casing independently of said handle and said cock and arranged to regulate the flow of gas through said thermostatic valve casing, said dial extending through said

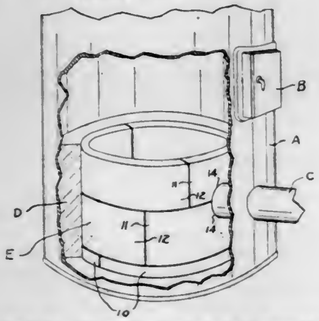
panel and carrying indicia cooperating with indicia carried by said panel and said handle being mounted to the rear of said thermostatic dial and extending through said panel.

20,865
LOCK KEY
Phillip W. Olson, Grand Rapids, Mich., assignor to Automatic Instrument Company, a corporation of Michigan
Original No. 2,023,207, dated December 3, 1935, Serial No. 712,239, February 20, 1934. Application for reissue March 15, 1937, Serial No. 130,839½
16 Claims. (Cl. 70—406)



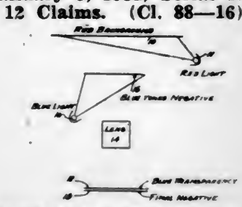
1. A key for a lock having spring pressed tumblers, the key having a flat blade having a groove in one face thereof for receiving cooperative portions of lock tumblers, the opposite sides of the same groove having predetermined unrelated contours for moving some of the tumblers at one side of the key up and others at the same side of the key down into unlocking position.

20,866
COMBUSTION CHAMBER
Bernard A. Peterson, Detroit, Mich.
Original No. 2,097,214, dated October 26, 1937, Serial No. 121,798, January 22, 1937. Application for reissue October 26, 1937, Serial No. 171,083
5 Claims. (Cl. 158—1)



1. A vertical oil burner furnace provided with a relatively small firing opening and a fire door, a vertical cylinder of fire resisting cement engaging and lining the interior wall of the furnace, a combustion chamber of refractory material comprising a flat base made up of flat sectors and a vertical cylindrical shell composed of a relatively small number of annuli, each made up of a relatively small number of arcuate segments, each segment having a length and height considerably greater than its thickness and edges that are flat and plain, each segment and sector being so proportioned with respect to the firing opening as to be insertable into the furnace through the said opening, the segments being so thick and of such arcuate length that they can be assembled into a shell by being disposed on one another edgewise, and that when assembled they will maintain their assembled position without being adhesively secured to or interlocked to one another, all this being true even though the shell, when assembled, has its vertical surface out of contact with the furnace wall, and even though the cement lining or filler is not in place, the shell parts being so proportioned that they will maintain themselves in assembly while the cement lining or filling is being poured in and is setting in place around and in contact with the shell.

20,867
METHOD OF MAKING COMPOSITE PICTURES
Roy J. Pomeroy, Los Angeles, Calif., assignor to Paramount Pictures Inc., a corporation of New York
Original No. 1,715,510, dated June 4, 1929, Serial No. 166,302, February 7, 1927. Application for reissue January 5, 1931, Serial No. 506,763
12 Claims. (Cl. 88—16)



1. The method of producing a composite photograph embodying two component parts, that includes making a transparent image of one component, making a photographic silver deposit image of the other component surrounded by a clear ground, chemically transforming the silver deposit of said image and thereby producing an image of the second mentioned component substantially uniformly opaque to light but reflective of light to show its image details, superposing the two images and illuminating the first image by transmitted light and the second mentioned image by reflected light, and exposing a fresh actinic surface to the first image and the second image so illuminated and superposed.

PLANT PATENTS

GRANTED SEPTEMBER 20, 1938

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

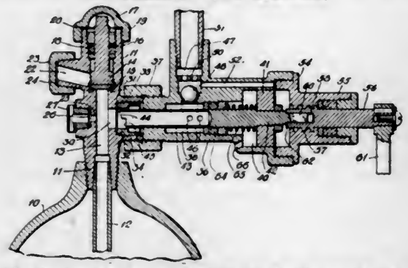
292
ROSE
Fred C. Stielow, Niles Center, Ill.
Application May 28, 1937, Serial No. 145,321
1 Claim. (Cl. 47—61)

A new and distinct variety of rose, a sport from "Mrs. Finch", similar thereto in habits of growth, but distinguishable therefrom chiefly by its general warm, deep shade of cerise blossoms with lighter touches of pink near the base of the petals, its persistence in retaining this color, and by its profusion of blossoms, substantially as shown and described.

PATENTS

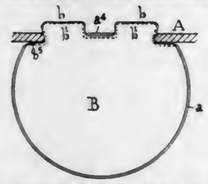
GRANTED SEPTEMBER 20, 1938

2,130,333
VALVE
Scott E. Allen, Glen Ridge, N. J., assignor to C-O-Two Fire Equipment Company, Newark, N. J., a corporation of Delaware
Application March 4, 1935, Serial No. 9,146
17 Claims. (Cl. 169—11)



10. A device for opening a fluid container including, an opening member, fluid pressure actuated means for operating the opening member, a connection between the container and said means allowing fluid released from the container to act on said means, and a pressure actuated control for said connection preventing fluid from the container from acting on said means until its pressure exceeds that actuating said means, means for relieving pressure opposing the actuation of said fluid pressure actuated means, and a main discharge port for the released fluid located between the container and said means.

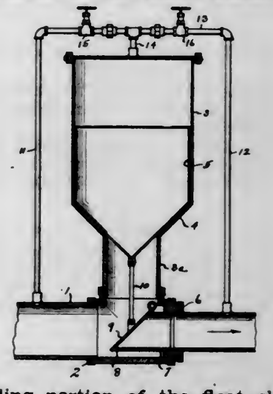
2,130,334
DISPLAY DEVICE
Charles Henry Barber, Manchester, England
Application September 22, 1936, Serial No. 102,007
In Great Britain September 27, 1935
6 Claims. (Cl. 211—93)



1. A display stand of the type referred to comprising a stand, a shelf adapted to enter bodily into an aperture in and lie flush with the surface of the stand when the shelf is in the collapsed position, projections on the shelf co-operating with complementary recesses in the stand to form a hinge about which the shelf pivots and a support on the back of the stand for engagement with the shelf to prevent the shelf from moving through more than a predetermined angle.

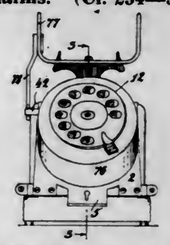
2,130,335
GRAVITY FEED AUTOMATIC SHUT-OFF VALVE
Ernest L. Barker, Houston, Tex.
Application October 6, 1936, Serial No. 104,229
4 Claims. (Cl. 137—68)

1. A shutoff valve mechanism for a flow line comprising a housing connected into the line and containing a float chamber whose lower end is reduced forming a downwardly converging seat, a float within the chamber whose lower end is tapered to conform to the taper of the seat and whose upper end is of approximately the same outside diameter as the inside diameter of the



corresponding portion of the float chamber, a valve seat in the line whose upstream end is formed with a diagonal face, a valve arranged to cooperate with said face, a link connected at one end to the valve and at its other end to the lower end of the float.

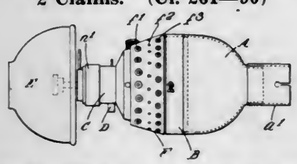
2,130,336
RECORDING DEVICE FOR TELEPHONE SETS
Friedrich Bonn, Surth, near Cologne, Germany
Application December 5, 1936, Serial No. 114,299
In Germany August 2, 1935
2 Claims. (Cl. 234—33.5)



1. In a call recording device directly attachable to automatic telephone sets, a stationary casing containing the recording device and attachable to the selector base of the telephone to cover its conventional selector disc, said recording device having an operating shaft and a visible recorder selector disc mounted thereon and having call characters similar to those arranged on the conventional disc, means for coupling said recorder selector disc with the telephone selector disc, a type wheel carrying call numeral units corresponding to those on said selector discs, gearing between said type wheel and said shaft to positively rotate said type wheel into dialing position the same relative extent as the selector discs when the latter are moved into a dialing position, means for arresting said type wheel in dialed position to permit the latter to return alone

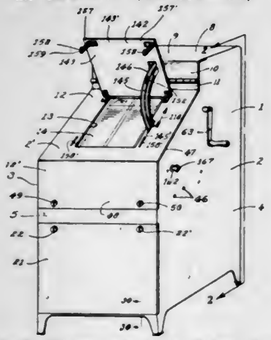
to normal position and means tending to return the type wheel to normal position, a cam element on said shaft for controlling said arresting means to arrest the type wheel and hold it in arrested position while the selector discs return to normal position and to release the type wheel shortly before the discs have arrived in normal position, a printing hammer cooperating with said type wheel to print the dialed character, and means, controlled by said arresting means, for releasing said printing hammer shortly before said type wheel is released to return to normal position.

2,130,337
CARBURETOR FOR INTERNAL COMBUSTION ENGINES
Edward Trezise Bunt, Redcliffe, Bristol, England, assignor of one-half to Frank Edwin John Hill, Bristol, England
Application August 5, 1935, Serial No. 34,768
In Great Britain August 11, 1934
2 Claims. (Cl. 261—90)



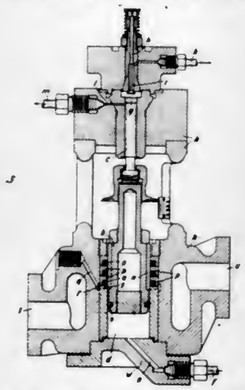
1. In a carburetor for an internal combustion engine to be used on a vehicle, an elongated expansion chamber connected to the engine and open to engine suction, means for delivering a regulated stream of liquid fuel into said chamber, the shell of said chamber having a large number of relatively small circumferential openings located between the engine and the point of entry of the fuel, said openings serving to admit directly from the atmosphere to said chamber all of the air required for admixture with the fuel in the form of separate streams impinging transversely on the stream of fuel being delivered, in combination with a cowl placed behind the fuel and air admission devices with its concave side facing in the direction of travel of the vehicle, for the purpose of receiving heated air from the radiator of the vehicle and directing said heated air to the carburetor.

2,130,338
VOTING MACHINE
Wendell B. Campbell, Morrow, Ohio
Application February 24, 1934, Serial No. 712,771
12 Claims. (Cl. 235—50)



2. In mechanism of the class described, a casing having an opening therein, a lid hinged to said casing and which may close said opening when said lid is in closed position, operative means for moving a votable ballot to and past said opening, manually operative means for operating said first mentioned means, a segment rotatably mounted in said casing, means to urge said lid into open position to make said ballot accessible to a voter, means to urge said segment in one direction, means to cause movement of said segment in another direction when said manually operative means are operated, means to retain said segment in a predetermined position during a portion of the travel of said lid toward open position and to subsequently permit said segment urging means to move said segment in said one direction and into a predetermined position, releasable means to retain said segment in said last mentioned predetermined position, means operative by said segment during its travel in said one direction which causes said manually operative means to be operatively connected with said first mentioned means, and means operative by said segment during its travel in said other direction which causes said manually operative means to be inoperative with respect to said first mentioned means.

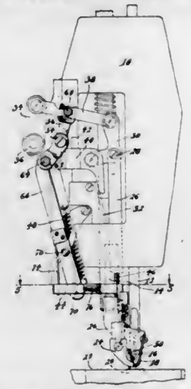
2,130,339
FUEL-INJECTING PUMP FOR INTERNAL COMBUSTION ENGINES
Hans Dunkelmann, Kiel, Germany, assignor to Fried. Krupp Germaniawerft Aktiengesellschaft, Kiel-Gaarden, Germany
Application August 27, 1937, Serial No. 161,228
In Germany October 13, 1936
2 Claims. (Cl. 103—50)



1. A fuel-injecting pump for internal combustion engines, comprising a casing, two cylindrical spaces formed therein and having different sectional areas, a differential piston cooperable with said two cylindrical spaces and freely movable therein, means cooperable with the smaller piston part and cylinder for supplying fuel to and leading it from the latter to the working cylinder of the engine, means cooperable with the larger piston part and cylinder for causing the compression pressure prevailing in the working cylinder of the engine to act upon said larger piston part, said larger piston part having a smooth sliding surface and said larger cylinder having circular grooves and inwardly resilient packing rings therein cooperable with said smooth sliding surface of the larger piston part, and means, spaced from the smooth sliding surface of said larger piston and attached to the piston portion acted upon by the compression pressure prevailing in the

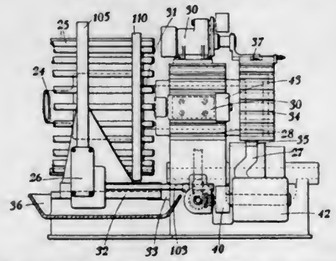
working cylinder of the engine, for removing deposits of residues of combustion from the wall portion of said larger cylinder traversed by said smooth piston sliding surface and before the latter contacts with said wall portions.

2,130,340
TRIMMING MECHANISM FOR SEWING MACHINES
Hubert J. Gallant, Exeter, N. H., and Ernest A. Gauthier, Amesbury, Mass.
Application October 30, 1937, Serial No. 171,934
7 Claims. (Cl. 112—125)



1. In a sewing machine having a work support and stitch forming mechanism, with work-feeding mechanism and a head overhanging, including a presser bar with presser foot, a walking foot, and actuating means therefor; the combination therewith of a trimmer blade having mounting means slidable on the presser bar below the said head; means for connecting said blade to said actuating means at the will of the operator, for reciprocating the trimmer blade in timed relation to the action of said work-feeding mechanism.

2,130,341
METAL CUTTING AND LIKE MACHINE TOOLS
Charles George Garrard, Shenfield, England
Application October 16, 1935, Serial No. 45,303
In Great Britain October 22, 1934
11 Claims. (Cl. 29—37)

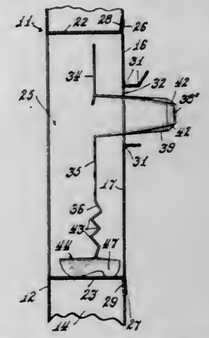


1. Machine tools for producing repetition articles from bars of stock comprising a carrier adapted to support said bars in a non-rotary manner, means to grip said bars to said carrier, means for applying rotary indexing movements to said carrier, a plurality of rotary tool means, means for applying longitudinal reciprocatory movement to said carrier to feed the bar ends relatively to some of said tool means to perform cutting or forming operations thereon, means to reciprocate other of said tool means in unison with the carrier whereby operations in the radial direction may be performed on the bar end, and means for rotating all said tool means.

2,130,342
CONDENSATION PRODUCTS OF AN ALKALI METAL SALT OF TOLUENESULPHONAMIDE WITH FORMALDEHYDE
Hellmuth Hahn and Karl Memminger, Magdeburg-Sudost, Germany, assignors to Fahlberg-List Aktiengesellschaft Chemische Fabriken, Magdeburg-Sudost, Germany, a firm of Germany
No Drawing. Application May 16, 1936, Serial No. 80,202. In Germany May 21, 1935
5 Claims. (Cl. 260—3)

1. A process for the production of condensation products which comprises treating 1 part by weight of an alkali metal salt of toluenesulphonamide with about 2 parts by weight of a formaldehyde solution of 40 per cent. strength for about two hours at about 100° C., allowing the heated mixture to separate into layers, and recovering the lower layer.

2,130,343
NOVELTY
Victor Havel, Chicago, Ill.
Application December 28, 1935, Serial No. 56,498
3 Claims. (Cl. 46—13)

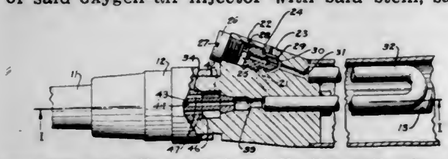


1. A toy comprising, in combination, a housing having an opening in its front wall and a slotted back wall opening, a device in said front wall opening formed of a sheet having end portions and an intermediate portion, said intermediate portion extending rearwardly through said slotted opening, a plurality of fold lines in said intermediate portion forming a multiple joint operable to move the end portions relative to each other at least one extension on one of said end portions, and a plurality of score lines in said extension adapting it to flex upon operation of said multiple joint.

2,130,344
BLOWPIPE
Wilgot J. Jacobsson, Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application August 8, 1934, Serial No. 738,923
11 Claims. (Cl. 158—27.4)

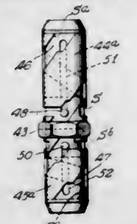
1. In a blowpipe, a handle; a stem extending from the forward end of said handle to the discharge end of the blowpipe; an oxygen-air injector in the forward part of said handle; means

for supplying oxygen to said injector; and a return bend conduit connecting the discharge end of said oxygen-air injector with said stem, said



conduit extending substantially the entire length of said handle, said handle having a port therein for admitting air to said injector.

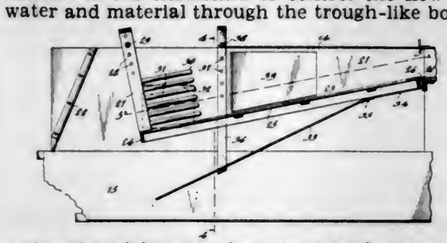
2,130,345
LIPSTICK
Samuel Freeman, New York, N. Y.
Application December 29, 1934, Serial No. 759,642
2 Claims. (Cl. 206—56)



1. In combination, a lipstick holder which is open at both ends thereof, two lipsticks located within said holder, each lipstick being associated with one of said ends, holding means for holding said lipsticks, said holding means being longitudinally movable relative to said holder, each lipstick being outwardly movable to be exposed through the adjacent associated end of the holder, a tubular body having actuating means, a pair of slots formed longitudinally in said tubular body, said holding means for said lipsticks slidably mounted in said tubular body, the holding means having pins which travel in the slots formed in the tubular body, a pair of tubular members mounted on the tubular body adjacent the actuating member, each of the tubular members being provided with a spiral slot and a horizontal slot for retaining one end of the pin, the horizontal slot located at the end adjacent the actuating means, said horizontal slot being less in length than the circumference of the tubular member which contains the spiral and horizontal slots, and said horizontal slot intersecting the spiral slot at one end, and tubular coverings for said tubular slot members, one of said lipstick holders being idle while the other one is being actuated by the same actuating means.

2,130,346
APPARATUS FOR SEPARATING MATERIALS
Howard S. Gerken, Buffalo, N. Y.
Application September 26, 1935, Serial No. 42,300
5 Claims. (Cl. 209—250)

3. An apparatus for separating solid materials from water, comprising a trough-like body through which the water and materials are adapted to flow and having an inlet at one end and a discharge at its opposite end, upright screening means disposed obliquely of said body for intercepting the larger material and directing it through said discharge, a bottom wall for said body beneath said intercepting means and adjustable toward and from the same to different inclinations to the horizontal to control the flow of water and material through the trough-like body



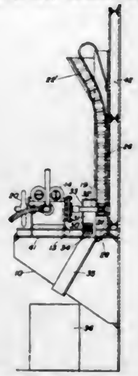
and said upright screening means, and means for adjustably supporting said wall in a given position of adjustment.

2,130,347
LENS SYSTEM
Lodewyk J. R. Holst, Brookline, Pa., and William Mayer, Larchmont, and Harry R. Menefee, Bronxville, N. Y., assignors to C-Lens Corporation, New York, N. Y., a corporation of New York
Application September 22, 1934, Serial No. 745,144
11 Claims. (Cl. 88—57)



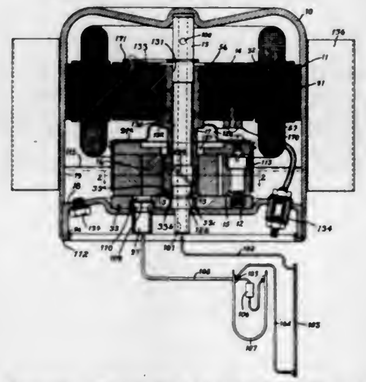
1. A real image forming lens system including a plurality of lens units of negative focal length with a lens unit of positive focal length between them, the back focal length of the three units together being for any object distance substantially equal to the focal length of the rear negative unit multiplied by the quotient resulting from dividing the equivalent focal length of the other two units less the distance between the second nodal point of the last two lenses combined and the nodal point of the third lens, by the distance between the focal point of the first two lenses together and the focal point of the third lens alone, the equivalent focal length of the three units together being positive.

2,130,348
NUT THREADING DEVICE
Le Roy J. Knettle, Gloucester, N. J.
Application February 28, 1938, Serial No. 192,938
1 Claim. (Cl. 10—139)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



A nut threading device comprising a retractably mounted rotatable and reversible nut tap, a nut tapping machine, said nut tap being mounted on said machine, means for guiding a series of nuts or nut blanks into position before the nut tap, discharge means adjacent the bottom of the nut guiding means, said nut guiding means non-rotatably holding the lowermost nut in position before the nut tap as it is advanced and rotated and permitting said lowermost nut to progress to the nut discharge means as the nut tap is reversed and retracted, said nut discharge means non-rotatably holding the nut until the nut tap has reversed itself therefrom and then discharging it therefrom, said machine including a reversible pneumatic motor and a guideway on which said motor is advanceably and retractably mounted.

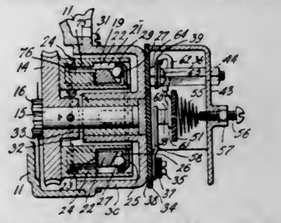
2,130,349
MOTOR-COMPRESSOR UNIT FOR REFRIGERATION
Andrew A. Kucher, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Application September 30, 1932, Serial No. 635,556
Renewed April 21, 1937
36 Claims. (Cl. 230—139)



10. A unit comprising a sealed casing, a stationary hollow shaft in and having bearing in said casing, a compressor about the lower end of said shaft, a motor including a stator and rotor about the upper end of said shaft, a drive shaft journaled on said stationary shaft and drivingly connecting said motor rotor and said compressor, discharge means for said compressor below said rotor, said rotor having a gas passageway through said rotor from the space below said rotor to the space above said rotor, said stationary shaft having a gas passageway from the space above said rotor to the exterior of said casing.

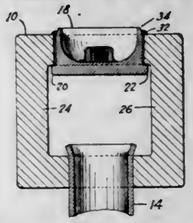
2,130,350
CIRCUIT BREAKER
Harry L. Lambert, Enfield, N. Y., assignor to Allen Wales Adding Machine Corporation, Ithaca, N. Y.
Application November 4, 1936, Serial No. 109,138
19 Claims. (Cl. 200—80)

2. A centrifugally operated circuit breaker comprising a rotating element, a plurality of weights rotating with said element and arranged about the axis of rotation of said element, each of said weights being fulcrumed at one end for swinging movement of its opposite end outwardly from said axis in a direction approximately radial to said axis, a member rotating with said element and disposed adjacent the free swinging ends of said weights and operable by said weights, during their outward swinging movements, in a direction approximately parallel to said axis, a pair of contacts normally and resiliently urged into contact with one another, and one of said contacts being operable into open circuit relation with respect to the other of said contacts, and means



operated by said member when the latter is moved in a direction parallel to said axis in one direction, for shifting said one of the contacts into open circuit position, and for producing a relative sliding movement between abutting faces of said contacts during rotation of said element and said member.

2,130,351
FLUID HEAT EXCHANGE APPARATUS
Ivar L. Langvand, Barberton, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey
Application February 2, 1934, Serial No. 709,406
10 Claims. (Cl. 122—360)



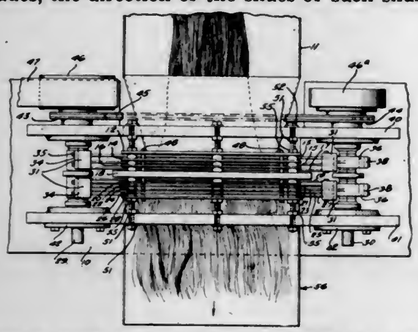
1. In a fluid pressure device, a fluid receiver having a wall formed with an access opening around the perimeter of which parts of the wall are of different stiffness, a closure member fitting within the opening and provided with extensions transmitting pressure created force to parts of said wall of the same stiffness, and means spaced from the extensions and joining the metal of the receiver and said member to make a fluid tight seal.

2,130,352
METHOD OF AND APPARATUS FOR THRESHING AND DECORTICATING PLANT STALKS
George A. Lowry, New York, N. Y., assignor of one-half to Martin Hill Ittner, Jersey City, N. J., and one-half to Bertha McNally Lowry, New York, N. Y.
Application August 30, 1934, Serial No. 742,039
26 Claims. (Cl. 19—22)

11. In a decorticating machine, a plurality of pairs of blades with a single long slot between the blades of each pair providing for the passage of fibre-containing plant stalks substantially endwise therethrough, and means for effecting a relative movement between a pair of blades and the pairs of blades on either side thereof to bend the plant stalks back and forth and for simultaneously effecting a relative longitudinal movement between such pairs of blades whereby the plant stalks are rubbed in a mulitude of different directions substantially transversely of their general direction of movement.

24. In a machine for treating fibre-bearing ma-

terial, one or more movable blades each having substantially straight edges for acting upon said material, means for actuating said blades, a sliding support for at least one end of said movable blades, the direction of the slides of such sliding



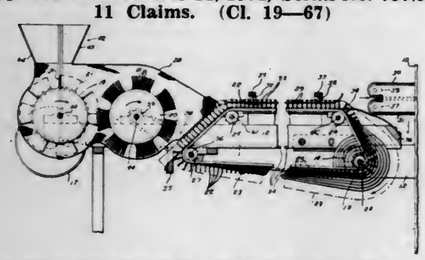
support being substantially parallel to the acting edges of said blades, and means to cushion said movable blades and sliding supports against shocks or strains occurring in said movable blades in directions substantially parallel to said acting edges.

2,130,353

METHOD OF AND APPARATUS FOR PARALLELING STRAW, FIBRES, AND OTHER ELONGATED MEMBERS

George A. Lowry, New York, N. Y., assignor of one-half to Martin Hill Ittner, Jersey City, N. J., and one-half to Bertha McNally Lowry, New York, N. Y.

Application December 14, 1934, Serial No. 757,528
11 Claims. (Cl. 19—67)



1. In apparatus of the class described, the combination of a group of endless chains having straight reaches arranged side by side, a row of teeth extending longitudinally of each of said chains, means for driving the chains so that the speeds thereof increase progressively from the chain at one side of the group, means for preventing straw supplied to said chains from falling through spaces between adjoining chains, and means for holding down between the teeth of the chains straw supplied to the chains.

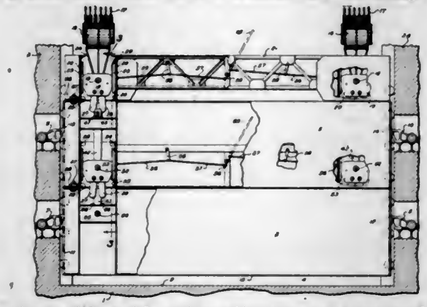
2,130,354

AUTOMATIC LIFTING MECHANISM

Neil B. Madsen, Portland, Oreg.

Application May 16, 1938, Serial No. 208,256
14 Claims. (Cl. 61—28)
(Granted under the act of March 3, 1883, as amended April 30, 1928, 370 O. G. 757)

1. In a structure of the class described the combination, with a crane and a load, of a load engaging means suspended from the crane; a housing disposed about the load engaging means and displaceable relative thereto vertically within fixed limits, said load engaging means being adapted automatically to engage the load after the housing has contacted the load and the load engaging means has been lowered to load engaging position; and means within the housing co-



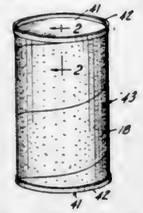
acting with said automatic means arranged to automatically disengage the said automatic means from the load by the act of lowering the said automatic means within the housing to a point below the load engaging position.

2,130,355

METHOD OF FORMING MOISTUREPROOF AND GREASEPROOF CONTAINERS

Donald G. Magill, Great Neck, N. Y., assignor to American Can Company, New York, N. Y., a corporation of New Jersey

Application June 27, 1936, Serial No. 87,775
2 Claims. (Cl. 93—94)



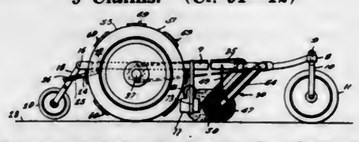
1. The method of forming moisture-proof and grease-proof can bodies having metallic foil liners, which comprises applying a moisture-proof and grease-proof lacquer containing a volatile solvent to a strip of metallic foil, winding said lacquered strip onto a can forming mandrel with substantially all of its lacquer surface in contact with said mandrel to obtain a spreading of the lacquer by the mandrel, overlapping the edge portions of said lacquered foil strip as it is wound upon the mandrel so that the lacquer is spread over the entire unlapped inner surface of the foil and is also spread onto the mandrel, feeding strips of fibrous material coated with adhesive upon the mandrel over the top of the foil and confining the volatile solvent of the lacquer between foil and mandrel, rotating and advancing the resulting tube along the mandrel, the confined lacquer at such a time serving as a lubricant for the foil, sealing together by the winding and advancing pressure the overlapped edge portions of the lacquered foil strip to provide a continuous moisture and grease proof metallic coating on the inner surface of the tube, and thereafter drying the lacquered interior of the tube, the volatile solvent escaping and leaving a thin film of dried lacquer on the inner surface of the tube thus closing any microscopic pores in the foil and thus producing a can body tube which is impervious to moisture and grease.

2,130,356

ROAD MARKING DEVICE

George S. Marshall, Laredo, Tex., assignor to Highway Marking Machine Company, Laredo, Tex.

Application May 14, 1936, Serial No. 79,775
9 Claims. (Cl. 91—12)



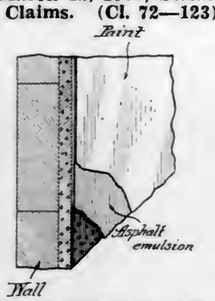
1. A road marking device of the character described, said device comprising an ambulatory frame including a ground engaging wheel having a horizontal axle arranged for rotation therewith, marking arms extending radially from said axle, means mounting said marking arms on said axle, resiliently mounted road surface marking pads on said marking arms, said pads normally projecting radially beyond the periphery of said ground engaging wheel said pads being arranged to be moved to a marking position level with the periphery of the ground engaging wheels by contact with the road surface as said device is moved upon the road surface, and means on said frame for supplying marking fluid to said marking pads.

2,130,357

WALL FINISH

Orville V. McGrew, Chicago, Ill., assignor to McGrew Paint & Asphalt Co., a corporation of Illinois

Application March 12, 1937, Serial No. 130,609
7 Claims. (Cl. 72—123)



1. In a wall, an imperforate coating composed of inert solid particles bonded together and having interstices filled by a permanently flexible asphalt binder of high melting point and low temperature susceptibility, said coating being secured to the underlying wall structure solely by adhesion, and a yielding outer non-asphaltic outer coating exposed to the weather and secured to the first named coating solely by adhesion.

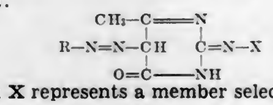
2,130,358

AZO COMPOUNDS AND PROCESS FOR COLORING THEREWITH

James G. McNally and Joseph B. Dickey, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

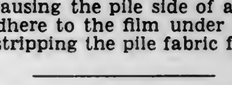
No Drawing. Application April 7, 1937, Serial No. 135,556
14 Claims. (Cl. 8—5)

1. An azo compound having the general formula:



wherein X represents a member selected from the group consisting of hydrogen, a phenyl nucleus and a benzyl nucleus and R represents an aryl nucleus of the benzene series.

7. The process of coloring an organic acid ester of cellulose which comprises applying thereto a dye selected from the class of azo compounds having the general formula:



wherein X represents a member selected from the group consisting of hydrogen, an alkyl group, a phenyl nucleus and a benzyl nucleus and R represents a nuclear non-sulfonated aryl nucleus of the benzene series.

2,130,359

ORNAMENTAL COMPOUND SHEET MATERIAL

Brian Edward Merriman Miller, London, England, assignor to Celanese Corporation of America, a corporation of Delaware

Application March 3, 1936, Serial No. 66,862
In Great Britain March 30, 1935
6 Claims. (Cl. 154—2)



6. Process for the production of ornamental compound sheet materials, which comprises effecting adhesion between a transparent foil having a basis of an organic derivative of cellulose and the pile face of a crushed pile fabric in which the pile comprises yarns of an organic derivative of cellulose, by softening said transparent foil and said pile yarns by means of an organic solvent for the organic derivative of cellulose and pressing the foil and the pile fabric together.

2,130,360

PRODUCTION OF EFFECTS IN FILMS, SHEETS, AND SIMILAR MATERIALS

Brian Edward Merriman Miller, London, England, assignor to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application November 10, 1937, Serial No. 173,849. In Great Britain September 15, 1937
11 Claims. (Cl. 41—33)

1. Process for the production of mother-of-pearl effects on transparent artificial films, which comprises causing the pile side of a crushed pile fabric to adhere to the film under pressure and thereafter stripping the pile fabric from the film.

2,130,361

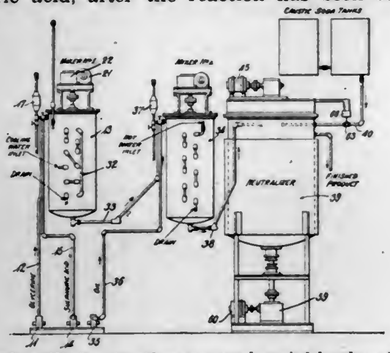
ART OF DETERGING

Fred Weaver Muncie, New Brunswick, N. J., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J., a corporation of Delaware

Application June 27, 1935, Serial No. 28,711
11 Claims. (Cl. 260—400)

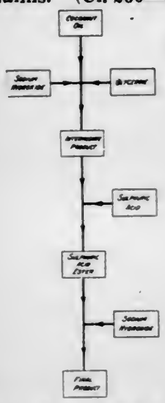
1. A process of forming a product suitable for use as a domestic detergent that comprises reacting approximately one molecular proportion of fatty oil, two molecular proportions of substantially anhydrous glycerine and an excess over three molecular proportions of fuming sulphuric acid by mixing the sulphuric acid and glycerine and reacting the mixture with the fatty oil, the quantity and strength of the sulphuric acid being

such that the concentration of the excess sulphuric acid, after the reaction has been com-



pleted, will be in the general neighborhood of 99.3%.

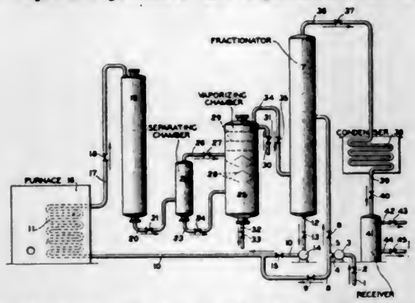
2,130,362
DETERGENT AND METHOD OF PREPARATION
Fred Weaver Muncie, New Brunswick, N. J., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J., a corporation of Delaware
Application June 27, 1935, Serial No. 28,712
22 Claims. (Cl. 260—400)



1. In a process of forming a composition of matter including a substantial proportion of a salt of a sulphuric acid ester of a monoglyceride, the steps that comprise reacting a monoglyceride with fuming sulphuric acid of such strength and quantity as will react therewith and leave an excess of sulphuric acid in the mixture, which excess will, after the completion of the reaction, have a concentration of not less than about 99.3% sulphuric acid, and thereafter neutralizing the mixture.

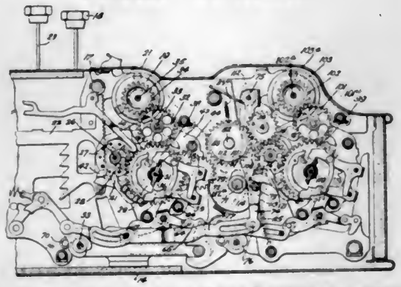
2,130,363
CONVERSION OF HYDROCARBON OILS
Edwin F. Nelson, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application September 2, 1933, Serial No. 687,948
Renewed September 4, 1936
12 Claims. (Cl. 196—49)

1. In a process for the conversion of hydrocarbon oil wherein said oil is subjected to conversion temperatures at superatmospheric pressure in a heating coil and communicating reaction chamber, resulting vaporous and non-vaporous products subsequently separated at substantially reduced pressure and the vaporous products subjected to fractionation whereby their insufficiently converted components are condensed as reflux condensate, the improvement which comprises withdrawing both vaporous and non-vaporous products from the reaction chamber in commingled state, introducing them into a zone of primary separation wherein a major portion of the vaporous products are separated from the



non-vaporous products, withdrawing the latter, still in commingled state with a minor portion of the vaporous products, to a zone of final separation wherein substantially all of the remaining desirable vaporous products are separated from the non-vaporous residue and subjecting the vaporous products from both stages of separation to preliminary fractionation, for the removal therefrom of entrained high boiling liquids, prior to said fractionation for the recovery or reflux condensate.

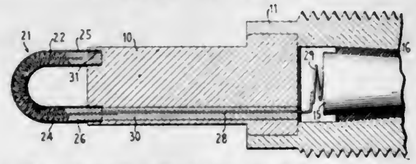
2,130,364
CALCULATING MACHINE
Frederick A. Niemann, Chicago, and Joseph A. V. Turck, Wilmette, Ill., assignors to Felt & Tarrant Mfg. Co., Chicago, Ill., a corporation of Illinois
Application November 5, 1934, Serial No. 751,526
Renewed December 10, 1937
6 Claims. (Cl. 235—82)



1. In a calculating machine having an ordinary accumulator including zeroizing mechanism operatively associated therewith, and a supplemental accumulator; means for transferring amounts registered by said ordinary accumulator to said supplemental accumulator, comprising a driven member associated with each of the several denominational orders of said accumulators, said driven members being normally disconnected from both of said accumulators, means for connecting said driven members with said supplemental accumulator, means for connecting said ordinary accumulator with said driven members, means for sequentially rendering said last

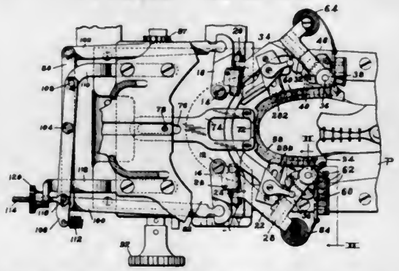
two means operative to connect said accumulators for transferring action, and a driving member associated with each of said driven members including a friction device interposed between each of said associated members to compensate for the variable digital degrees of actuation transmitted to the several denominational orders of said supplemental accumulator during a transfer operation.

2,130,365
IGNITER FOR INTERNAL COMBUSTION ENGINES
George M. Paulson, New York, N. Y.
Application June 23, 1936, Serial No. 86,729
7 Claims. (Cl. 123—145)



1. An ignition device for internal combustion engines, including an incandescent element comprising a thin metallic filament of high melting point and high resistance to oxidation enclosed within and closely conforming at substantially all points along its length to a thin-wall protecting case of metal having high melting point and high resistance to oxidation, the wall thickness of the case being only sufficient to give required mechanical strength to withstand working conditions, and electrical insulation between the filament element and the wall of the case.

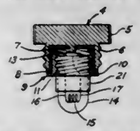
2,130,366
WELT HOLD-DOWN FOR SOLE ATTACHING MACHINES
Charles H. Pepin, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application March 4, 1937, Serial No. 129,016
10 Claims. (Cl. 12—33)



1. In a welt holddown, a U-shaped rubber welt supporting member capable of conforming to the forepart of a shoe, the end portions of said member comprising substantially separate blocks of rubber, and a flexible backing strip to which said member, including the blocks, is secured.

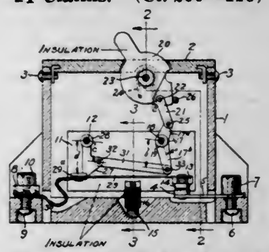
2,130,367
ILLUMINATING MEANS FOR INDICATING INSTRUMENTS
Gregory V. Rylsky, New York, N. Y., and Stephen Cerstvik, Union, N. J., assignors to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application December 27, 1937, Serial No. 181,978
3 Claims. (Cl. 176—32)

1. A miniature separable lamp and plug base structure for indicating instruments, said structure comprising a plug base member having a finger-operable gripper portion and a metallic hollow nipple portion threaded externally to prothreaded conductive sleeve within said insulating sleeve or collar within said nipple portion and having a flange peripherally engaging the projecting end of said nipple portion, an internally threaded conductive sleeve within said insulating sleeve and having a flange engaging the flange of the insulating sleeve or collar and providing a second electrical contact means, and a removable lamp comprising a bulb having a filament therein, an externally threaded metal base permanently securing said bulb therein and adapted to be removably screwed into the internally threaded conductive sleeve with the bulb projecting outwardly from the nipple portion of the plug base member coaxially therewith, and a metal contact on the inner end of said lamp



base but insulated therefrom and providing contact with the said first contact means of the plug base member, the filament of the lamp having one end connected to said end contact and its other end connected to said lamp base whereby, when said lamp base is screwed into the internally threaded conductive sleeve, one end of said filament may be connected into an energizing circuit through said end contact on the lamp base and through the metallic screw threads of the plug base member and the other end of the filament through the metal lamp base and through the internally threaded conductive sleeve upon insertion of the plug base member into a cooperating lamp-receiving socket provided with contact means for engagement with the externally threaded nipple portion of the plug base member and the flange of the internally threaded conductive sleeve.

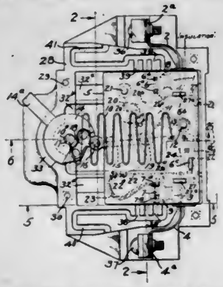
2,130,368
AUTOMATIC CIRCUIT BREAKER
Joseph Sachs, West Hartford, Conn., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn., a corporation of Connecticut
Application August 21, 1937, Serial No. 160,249
14 Claims. (Cl. 200—116)



3. An automatic circuit breaker comprising in combination, a stationary electric contact, a movable contact member biased in the circuit-opening direction and including an electric contact engageable with the stationary contact, an actuator connected with the contact member for movement bodily therewith and also for movement relative thereto, operating means engaging the actuator to control it, a separate trip member movable relatively to the contact member, a

bodily movable bi-metallic latch electrically connected in the circuit and normally mechanically connecting the contact member and the trip member to maintain them in fixed relationship, the said latch being adapted upon the attainment of abnormal current conditions therein to automatically deflect from its normal relationship so as to disengage the trip member and permit independent movement thereof, and means normally enabling the trip member to hold the actuator in fixed relationship with the contact member and serving upon release of the trip member to permit relative movement of the actuator and to thus permit automatic circuit-opening movement of the contact member.

2,130,369
AUTOMATIC CIRCUIT BREAKER
Paul M. Christensen, Newington, Conn., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn., a corporation of Connecticut
Application September 9, 1937, Serial No. 163,114
20 Claims. (Cl. 200—116)



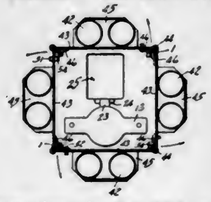
1. An automatic circuit breaker comprising in combination, a rupture contact, a movable contact member biased in the circuit-opening direction and including an electric contact engageable with the rupture contact, an actuator connected with the contact member for movement bodily therewith and also for movement relative thereto, operating means engaging the actuator to control it, a separate trip member movable relatively to the contact member, an electro-responsively controlled latch normally connecting the contact member and trip member to maintain them in fixed relationship, the said latch serving upon the attainment of abnormal current conditions in the circuit to release the trip member for independent movement, and means normally enabling the trip member to hold the actuator in fixed relationship with the contact member and serving upon release of the trip member to release the actuator and permit it to move independently of the trip member thus enabling the contact member to move automatically in the circuit-opening direction.

2,130,370
PENCIL POINTER
Henry W. Spooner, Crestwood, N. Y.
Application November 23, 1935, Serial No. 51,207
6 Claims. (Cl. 120—93)



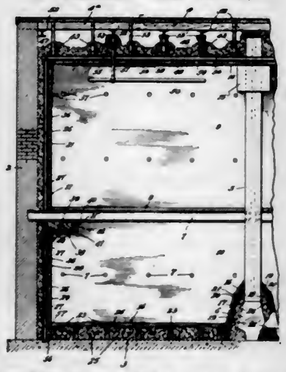
1. A pencil pointer comprising a body and a replaceable blade having its upper and lower faces beveled along at least one side to form a cutting edge, said body having a longitudinally extending concaved seat for said blade, a cover plate having a convex surface complementary to said seat effective to clamp the blade fixedly in position so as to shave thin chips from a pencil when the latter is rotated against the edge of the blade and means formed in said body to guide a pencil so that the periphery thereof will engage in a curved line contact with the extreme cutting edge of the blade and clear the beveled lower portion thereof, said beveled lower portion being positioned substantially perpendicular to the radii connecting the axis of the pencil with the extreme cutting edge of the blade.

2,130,371
CANNED OIL DISPENSING APPARATUS
William S. Townsend, New York, N. Y., assignor of one-half to American Can Company, New York, N. Y., a corporation of New Jersey
Application March 16, 1935, Serial No. 11,480
8 Claims. (Cl. 312—173)



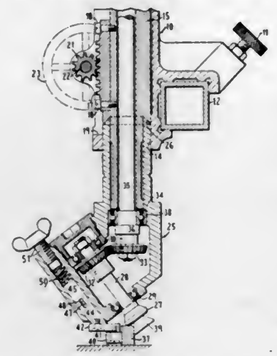
8. In a dispensing device, the combination of hinge elements at the corners thereof, angle sections at the corners of said device to which said hinge elements are secured, doors hinged on said elements and extending from one of said hinge elements to another, to form a compartment to be opened and closed, a vertically slidable locking device at each of the vertical edges of said doors, and mounted on an angle section, and means on said doors engageable by said locking devices, whereby either face of a door may be secured to an angle section.

2,130,372
METHOD OF AND APPARATUS FOR INSULATING BUILDINGS
Thomas T. Tucker, Atlanta, Ga.
Application August 8, 1936, Serial No. 94,994
6 Claims. (Cl. 72—1)



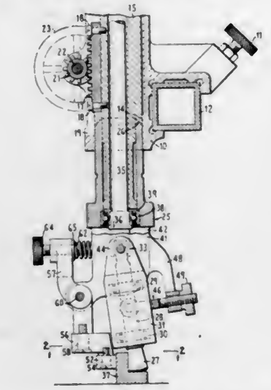
2. In combination with an enclosure having walls forming a floor, sides and a ceiling, foraminous confining means spaced from certain of the walls, fluffy heat-insulating means packed in the space between the walls and said confining means and expanded to completely fill the space, and a coating forming a facing on the outer surface of the confining means.

2,130,373
TEMPLATE FOLLOWER
James L. Anderson, Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y., a corporation of New York
Application July 10, 1937, Serial No. 152,958
17 Claims. (Cl. 33—23)



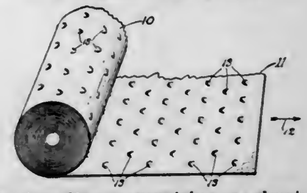
1. A template-follower for a universal cutting or welding machine including in combination a roller for contact with a template, an axle about which the roller turns, said axle having a substantial inclination so that the roller tends to travel transversely of the template, a frame holding the axle, and a bearing on which the frame rotates, about an axis in line with a point of contact of the roller on the template, to change the direction of travel of the template-follower.

2,130,374
TEMPLATE FOLLOWER
James L. Anderson, Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y., a corporation of New York
Application July 28, 1937, Serial No. 156,115
11 Claims. (Cl. 33—25)



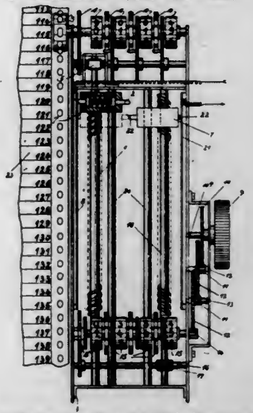
1. An automatic template-follower including a roller having a friction face which bears against a supporting surface and rotates about an axis which is inclined with respect to the supporting surface so that the friction between the roller and said surface urges the roller against the guiding edge of a template, an inclined axle connected with the roller, a drive shaft, and a universal joint connecting the axle with the drive shaft.

2,130,375
PAPER TOWEL
Samuel F. Atkins, Cloquet, Minn., assignor to The Northwest Paper Company, Cloquet, Minn., a corporation of Minnesota
Application April 8, 1936, Serial No. 73,384
1 Claim. (Cl. 92—68)



Paper toweling comprising a sheet of felted fibers provided with holes therein and corresponding tongues integral with the sheet and torn from the area of the holes, the tongues and holes having the edges feathered with fibers, all the tongues extending in one general direction along the sheet, whereby the sheet may be readily dispensed without danger of tearing.

2,130,376
FINDING DEVICE FOR INDEX CARDS, NOTES, OR THE LIKE ARRANGED IN OR ON CONVEYING DEVICES
Otto Alfred Becker, Saarbrucken, Germany
Application June 29, 1937, Serial No. 151,060
In Germany July 6, 1936
3 Claims. (Cl. 40—53)

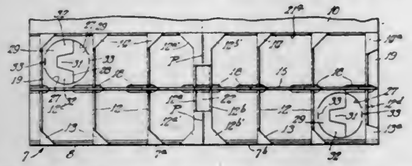


1. In a finding device, a driving conveyor carrying the articles to be found, a setting device including two similar counting mechanisms one of said mechanisms being adjustable to a certain number combination, means for driving the second mechanism, two screw spindles each driven by one of said mechanisms, contact pieces one slidable on each of said spindles, an electric contact adapted to be closed when said contact pieces are opposite, and means for arresting said second mechanism when said contact is closed.

2,130,377
SEVERABLE EGG CARTON
Andrew E. Bueschel, Chicago, Ill., assignor, by mesne assignments, to Consolidated Carton, Inc., Chicago, Ill., a corporation of Illinois
Application October 10, 1935, Serial No. 44,377
7 Claims. (Cl. 229—29)

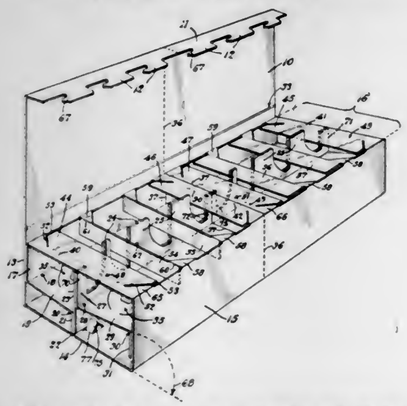
2. A transversely divisible carton of paper or the like having walls forming a cover, a bottom,

two longitudinal sides, and a panel extending between the two side walls and located above the bottom, said walls being weakened along a transverse line of division to permit readily dividing the carton into sections, said panel being cut to provide down-foldable flaps which in folded-



down position form transverse cell walls in the carton, there being a flap at each side of the line of division both arranged to swing toward each other to provide end walls for the divided sections, the remaining flaps of the carton being formed to swing in the same direction as one of the two flaps at the line of division.

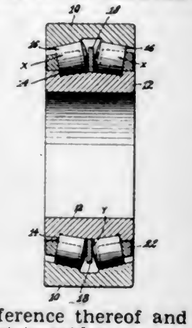
2,130,378
CARTON STRUCTURE
Andrew E. Bueschel, Mokena, Ill., assignor, by mesne assignments, to Consolidated Carton, Inc., Chicago, Ill., a corporation of Illinois
Application August 1, 1936, Serial No. 93,757
11 Claims. (Cl. 229—29)



1. A folding carton structure comprising a box having a bottom with parallel spaced edges, box sides hinged at said edges, a partition member to lie between said box sides and capable of resting on the bottom, a linking connection hinged at both ends above said bottom at the partition member and at one of said sides, and a second linkage connection hinged at both ends above said bottom at the partition and at the other side, the hinging axes of said connections at the partition being parallel and spaced apart in the direction of the partition, whereby said connections serve to move and to support the partition member between the two sides.

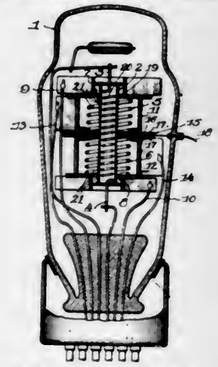
2,130,379
ANTIFRICTION BEARING
Roland Chilton, Ridgewood, N. J.
Application June 2, 1937, Serial No. 145,946
12 Claims. (Cl. 308—214)

1. An anti-friction bearing comprising conical rollers, a pair of members having races conformed to said rollers, spherical thrust elements formed on the ends of said rollers, and a ring engaging said thrust elements intermediate the cen-



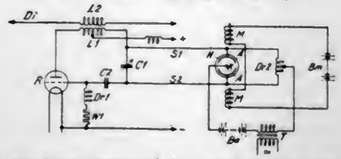
ter and circumference thereof and freely rotatable with respect to said races.

2,130,380
ELECTRON DISCHARGE DEVICE
Richard U. Clark, Wilmette, Ill.
Application April 23, 1937, Serial No. 138,496
7 Claims. (Cl. 250—27.5)



7. In a vapor electric tube having ionizable atmosphere, a plurality of grids and cooperating plates, an insulating partition intermediate said grids and provided with a metal core, a common electron emitting device passing through said partition and in contact therewith, and openings provided in said emitting device for by-passing the flow of electrons and ions from one portion of the cathode to the other and for directing and controlling emission from substantially the entire surface of the common cathode to one plate at a time.

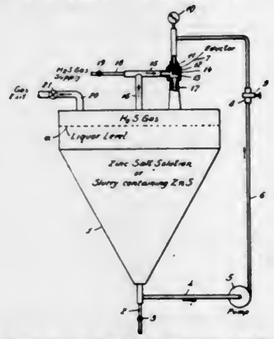
2,130,381
ARRANGEMENT FOR MODULATING HIGH FREQUENCY OSCILLATIONS
Hans Eberhard von Collas, Brunswick, Germany, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany, a company
Application August 18, 1936, Serial No. 96,568
In Germany August 19, 1935
3 Claims. (Cl. 179—171)



1. In an arrangement for modulating high frequency oscillations, a high frequency oscillation

circuit, means for varying the leakage of said high frequency oscillation circuit, said means including an electron tube having a subdivided anode, the portions of which are included in the oscillation circuit, and means for producing a magnetic field to control the discharge space of said tube, said magnetic field being such that the natural rotational frequency of the electrons in said tube corresponds to the frequency of the oscillations to be modulated.

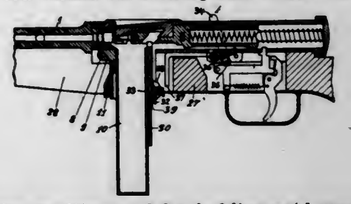
2,130,382
PRECIPITATING ZINC SULPHIDE
Lewis Covell Copeland and John Reid Stone, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y., a corporation of New Jersey
Application April 1, 1937, Serial No. 134,237
5 Claims. (Cl. 23—135)



1. In a batch process in which a zinc salt solution is atomized in a container with hydrogen sulphide to form zinc sulphide precipitate, at least a portion of the hydrogen sulphide being present in the container prior to the introduction of the zinc salt solution, the improvement which comprises introducing the zinc salt solution into the container so that the surface of the resulting pool of the solution in the container rises but is otherwise substantially undisturbed, whereby the entering solution is afforded little opportunity for reaction with the hydrogen sulphide gas in the container, and thereafter subjecting the solution and the gas to vigorous admixture in a zone above said surface.

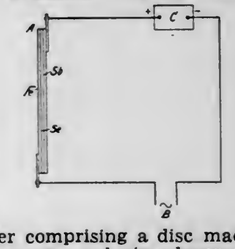
2,130,383
AUTOMATIC FIREARM
Gotthard End, Schaffhausen, Switzerland, assignor to Schweizerische Industrie-Gesellschaft, Neuhausen, (Ct. Schaffhausen, Switzerland), a corporation of Switzerland
Original application January 25, 1934, Serial No. 708,305. Divided and this application July 6, 1936, Serial No. 89,046. In Switzerland February 10, 1933
5 Claims. (Cl. 42—3)

1. An automatic fire-arm comprising in combination with the barrel, a stock provided with a magazine receiving opening and extending with its front portion along a portion of said barrel, an exchangeable magazine positioned at a right angle to the barrel when inserted in said opening, the front portion of said stock being provided with a longitudinal recess adapted to receive and store said magazine lengthwise in an inoperative position when it is removed from its operative position in said opening, one end of said recess being located immediately adjacent said magazine receiving opening, and pivotally supported means for locking said magazine in its



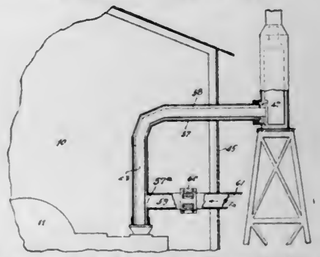
operative position and for holding said magazine in said longitudinal recess.

2,130,384
RECTIFIER
Franz Fischer, Berlin, Germany, assignor to Suddeutsche Apparate-Fabrik G. m. b. H., Nuremberg, Germany, a company
Application February 1, 1938, Serial No. 188,073
In Germany February 8, 1937
1 Claim. (Cl. 175—366)



A rectifier comprising a disc made of a metal of the iron group, a selenium layer applied to this disc, and a layer of antimony or an alloy of antimony applied to the selenium layer, such antimony layer and the said metal disc being the electrodes of the rectifier.

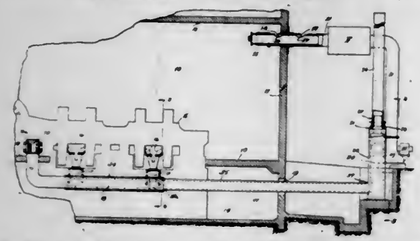
2,130,385
MUFFLER AND VENTILATOR SYSTEM
John S. Fluor, Jr., and Park W. Ash, Santa Ana, Calif., assignors to The Fluor Corporation Ltd., Los Angeles, Calif., a corporation of California
Application May 4, 1936, Serial No. 77,818
8 Claims. (Cl. 98—42)



1. In an engine plant, walls enclosing a room, an engine in said room, an exhaust pipe and muffler connecting with said engine, said exhaust pipe extending continuously from the engine to a point of connection with the muffler outside the room, a sufficient length of said exhaust pipe extending within the room to provide a substantial source of heat for the room atmosphere, a ventilating and exhaust cooling system comprising a conduit entirely surrounding a portion of said pipe within said room directly beyond the engine and extending outside the room, said conduit hav-

ing an air inlet within the room and being sufficiently closely spaced about the exhaust pipe therein to provide for a high velocity flow of air through the conduit in heat transferring relation with the exhaust pipe, said inlet and conduit being positioned so that air drawn therethrough flows at a point in close proximity to the engine and in heat transferring relation with a substantial length of said exhaust pipe within the room, means outside said room for inducing a flow of air from the room into the conduit through said inlet by and at a rate in accordance with the rate of exhaust gas discharge from the engine, and means for varying the rate of removal of room air into said conduit independently of the rate of exhaust gas discharge, to reduce the heat transferred from the exhaust pipe to the room atmosphere during warm weather, and to increase the heat so transferred to the room atmosphere during cold weather.

2,130,386
MUFFLER AND VENTILATOR SYSTEM
John S. Fluor, Jr., and Park W. Ash, Santa Ana, Calif., assignors to The Fluor Corporation Ltd., Los Angeles, Calif., a corporation of California
Application May 4, 1936, Serial No. 77,819
17 Claims. (Cl. 237—12.1)

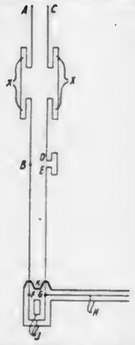


3. In a stationary engine plant the combination comprising an exhaust pipe extending from the interior to the exterior of a room and connected to an engine therein, a muffler connected to said exhaust pipe outside the room and discharging the combustion gases to the atmosphere, an air conduit surrounding and spaced from said exhaust pipe and muffler and having an open inlet end within said room, means for heating air by passing it through said conduit in heat transferring relation with the exhaust pipe, and means for discharging the heated air into the atmosphere of said room from that portion of said conduit surrounding the muffler.

7. In a stationary engine plant the combination comprising an exhaust pipe extending from the interior to the exterior of a room and connected to an engine therein, a muffler connected to said exhaust pipe outside the room and discharging the combustion gases to the atmosphere, an air conduit surrounding and spaced from said exhaust pipe and muffler and having an outlet end extending beyond the discharge end of the muffler, air being drawn through said conduit and discharged to the atmosphere by the velocity effect of combustion gases being discharged from said end of the muffler, and a valve positioned between the conduit and said discharge end of the muffler, said valve being adjustable to vary or close off the passage of air from the space surrounding said muffler to said outlet end of the conduit.

11. In a stationary engine plant, the combination comprising an exhaust pipe extending from the interior to the exterior of a room and connected to an engine therein, means for taking air from the interior of said room and conducting the air along and in heat transferring relation with a substantial length of said exhaust pipe, said means comprising a jacket surrounding and spaced from the comparatively hot portion of the exhaust pipe extending toward the engine, means for inducing air flow through said jacket by the velocity of exhaust gases discharged through said exhaust pipe, and means independent of the last mentioned means selectively operable for discharging heated air from said jacket into the atmosphere of said room.

2,130,387
AERIAL FEEDER ARRANGEMENT
Charles Samuel Franklin, London, England, assignor to Radio Corporation of America, a corporation of Delaware
Application July 25, 1936, Serial No. 92,548
In Great Britain August 31, 1935
6 Claims. (Cl. 250—33)



1. A radio transmitting or receiving installation comprising at least one pair of similar aerials the signal currents in said aerials being equal and in phase, a pair of lines associated one with each of said aerials, one of said lines being an odd multiple of a half wavelength, including unity, longer than the other whereby the signal currents at the end of said line opposite the aerials are equal and in opposite phase, a high frequency cable associated with said lines and a transformer device between said lines and said cable for reversing the phase of current supplied to a conductor of said cable whereby there is no earth current at the transformer device end of the high frequency cable.

2,130,388
EXPLORING MIRROR CONSTRUCTION
Harold Gluck, New York, N. Y.
Application February 28, 1936, Serial No. 66,213
2 Claims. (Cl. 240—2.18)

1. A portable electrically illuminatable mirror device for exploring teeth for dentists' or home use comprising a handle member, a minute electrical lamp having a bulb and a threaded base and an oblique mirror provided with a holding extension connected to said handle, said handle receiving a battery means and being provided with a switch to connect or disconnect a circuit energized by said battery means, said member taking the form of a cylindrical tube, a semi-spherical reflector in the end of said tube having an opening at the bottom thereof, a partition in said tube below and inside of said reflector having a central threaded nipple to receive the threaded base of said lamp and annular gaskets between the periphery of said reflector and said

tube and between the bottom of said reflector and said bulb, said reflector being clamped to the end of said tube and said gaskets being tightly



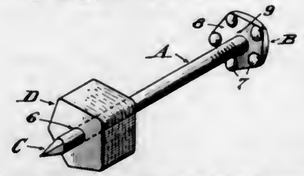
clamped against said reflector by screwing said base into said nipple, thereby making the end of the device liquid-tight.

2,130,389
ANTENNA
Albrecht Gothe, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application June 5, 1936, Serial No. 83,626
In Germany July 1, 1935
3 Claims. (Cl. 250—11)



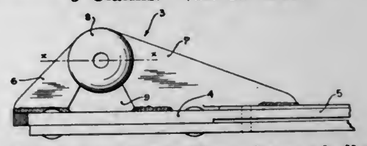
3. In combination, an antenna and a reflector for said antenna, said reflector being made of a dielectric material having a high coefficient of absorption and having front and back reflecting surfaces, the thickness of said material and absorption coefficient thereof being so related that the reflection from said back surface is prevented from adversely affecting the reflection from said front surface.

2,130,390
FURRING NAIL
Mark S. Graves, Los Angeles, Calif.
Application June 30, 1936, Serial No. 88,171
1 Claim. (Cl. 72—118)



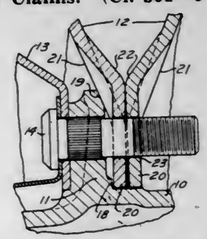
In a furring nail embodying a nail formed with a shank and a head, and a solid furring block through which the shank of the nail extends having its marginal portion projecting outwardly beyond the margin of the nail head; a series of spheroidal protuberances on the side of the nail head presented toward the contiguous end face of said block; said protuberances being spaced apart relative to each other and also being spaced from the nail shank and thus being adapted to either extend alongside a wire interposed lengthwise between said head and block or to seat thereon and impress the wire into the surface of the block to hold the wire against lateral displacement relative to said block and head.

2,130,391
KNIFE HEAD
Floyd H. Hammond, East Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois
Application December 6, 1937, Serial No. 178,224
3 Claims. (Cl. 56—303)



2. A knife head comprising a base, a ball spaced from said base, and a pair of webs attached to opposite sides of said ball and fixed to said base in spaced relation to each other to provide an opening beneath the ball and between said webs.

2,130,392
VEHICLE WHEEL
Harry J. Horn, Lansing, Mich., assignor to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan
Application August 5, 1936, Serial No. 94,419
7 Claims. (Cl. 301—9)

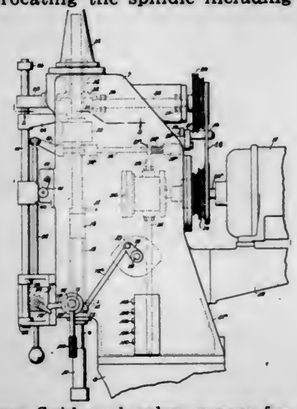


1. A wheel disk comprising a substantially radially extending central annulus and a frusto-conical portion outwardly of the annulus, said frusto-conical portion being provided with circumferentially spaced deformations at its junction with the central annulus and forming radial extensions of said annulus, said radial extensions projecting radially outwardly a substantial distance beyond the periphery of the annulus, the disk being provided with an opening for the reception of securing means located adjacent the radially inner extremity of each of said deformations.

2,130,393
HONING MACHINE
Albert M. Johnson, Rockford, Ill., assignor to Barnes Drill Co., Rockford, Ill., a corporation of Illinois
Application July 8, 1936, Serial No. 89,561
20 Claims. (Cl. 51—34)

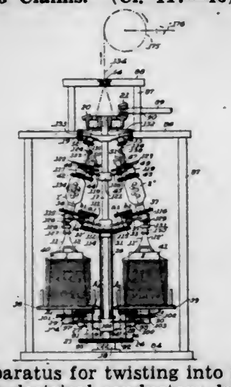
1. In a honing machine having a rotatable and reciprocable tool carrying spindle, in combination with a frame structure, an elongated cylinder supported on said frame structure coaxially

with the spindle, said spindle extending entirely through the cylinder and having sliding bearing supports at opposite ends thereof, a piston element on the spindle within said cylinder, means for reciprocating the spindle including a source



of pressure fluid and valve means for directing the pressure fluid into opposite ends of said cylinder alternately, and an actuator carried by said spindle above the piston element cooperating with control means on said frame structure for actuating said valve means.

2,130,394
METHOD AND APPARATUS FOR MANUFACTURING ELECTRICAL CABLES
Maurus Klein, Lausanne, Switzerland
Application April 27, 1935, Serial No. 18,532
In Switzerland April 4, 1931
3 Claims. (Cl. 117—46)



1. An apparatus for twisting into pairs strands of insulated electrical conductors drawn through it and such pairs into groups, comprising a number of supporting means for coils of loosely wound untwisted pairs of said strands; a number of adjustable deformation brakes each adapted to act directly and simultaneously upon a pair of said strands, means for adjusting each of said brakes, and means for rotating each of said brakes around its own axis substantially coinciding with the direction of travel of said strands through the brake; a first twisting die stationary arranged in the path of all said strands; a number of second twisting dies, a second twisting die each arranged in the path of a pair each of said strands from a brake to said first twisting die, the numbers of said supporting means, said brakes and said second twisting dies being equal; means for rotating said supporting means, said brakes and said second twisting dies with equal speed around a common axis; and means for back-rotating said supporting means relative to said brakes rotating around their own axis, so that untwisted loose pairs of strands under no tension are delivered to said brakes; thereby each pair of said strands being twisted on its way from a brake to a second twisting die, and the twisted pairs so obtained being twisted into groups when passing said first twisting die.

2,130,395
GOLF CLUB
Allan E. Lard, Washington, D. C.
Application July 31, 1936, Serial No. 93,554
14 Claims. (Cl. 273—80)

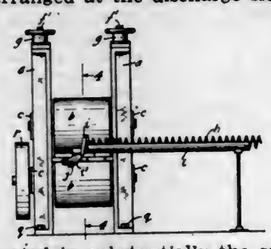


1. A golf club comprising a shaft, a hand grip and club head responsively affixed to the two ends of the shaft, said shaft comprising a tube having a resiliently bendable intermediate portion, a substantially less resilient frictional element substantially loosely telescoped within said tube being of such a length as to be longitudinally coextensive with at least a substantial portion of the length of said intermediate portion, said frictional element being split, the parts thereof adapted to move longitudinally differentially upon any bending of, and relative to the contiguous inner wall surfaces of said co-extensive tube portion, the outer surfaces of both said parts making retarding frictional contact with said inner wall surfaces, said frictional element outer surface comprising a cushioning material having adhesive qualities and so disposed as to be free of non-rebounding effects upon said tube, the split of said frictional element separating said element into two independently longitudinally movable portions relatively substantially aligned with the direction of movement of said club head when applied to strike a golf ball.

2,130,396
METHOD AND MEANS FOR FORMING COIL BINDINGS
Daniel Madden, Portland, Oreg.
Application December 14, 1935, Serial No. 54,462
7 Claims. (Cl. 153—66)

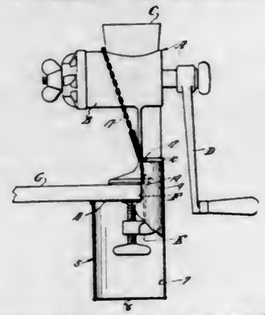
1. A machine for forming a wire into a helical coil comprising a forming die defining a pathway of predetermined helical curvature, a close fitting guide member directed towards said die defining a relatively straight pathway, feeding means adapted to move said wire along said latter pathway, said means spaced from said die, a cooperating guide member alined with the first mentioned guide member arranged at the intake side of said feeding means adapted to maintain the wire taut

when engaged by said feeding means and a carry-off guide arranged at the discharge side of said



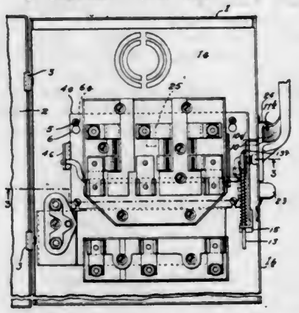
die and located in substantially the same horizontal plane as the point of discharge of said die.

2,130,397
JUICE CATCHER FOR FOOD GRINDERS
Robert N. Niedhammer, Fort Wayne, Ind.
Application July 28, 1937, Serial No. 156,081
2 Claims. (Cl. 146—182)



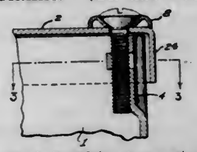
1. In combination with a grinder including a cylinder as set up on the edge of the table, a cup having a notch in its upper portion to receive the edge of the table, and including an upstanding back for engaging the table edge and a chain and spring connected to opposite ends of the said back and adapted to be passed over the said cylinder of the grinder to pull the cup upward tight against the table edge.

2,130,398
SWITCH CONSTRUCTION
Albert B. Rypinski, Laurelton, N. Y., assignor to Metropolitan Device Corporation, a corporation of New York
Application November 2, 1936, Serial No. 108,766
6 Claims. (Cl. 200—67)



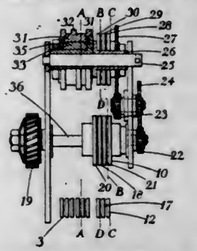
1. An enclosed switch construction comprising a sheet metal cabinet and a readily removable switch unit within the cabinet including a switch support removably secured to the rear wall of the cabinet and constructed to support a switch spaced from the wall of the cabinet, a switch secured to the support and a bail-shaped, switch-operating member between the switch and the rear wall of the cabinet and journaled in the switch support, and a switch-operating member extending through the side wall of the cabinet and journaled therein coaxially with the bail member.

2,130,399
SHEET METAL SCREW SOCKET
Albert B. Rypinski, Laurelton, N. Y., assignor to Metropolitan Device Corporation, a corporation of New York
Application November 24, 1936, Serial No. 112,497
2 Claims. (Cl. 220—55)



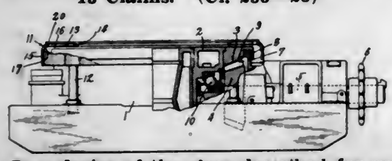
1. In a sheet metal cabinet construction having walls of sheet metal, the feature of novelty consisting of a wall of the cabinet having a portion pressed to form an arcuate depression, spaced, parallel slits traversing the arcuate depression and the space between the slits struck out forming an arcuate strap extending from the surface of the wall and forming with the arcuate depression a substantially cylindrical socket, the inner surface of the strap and the arcuate depression on each side of the strap being threaded to receive a machine screw.

2,130,400
TRANSMITTING APPARATUS IN TELEPRINTERS
Reginald Dennis Salmon and Frank Reginald Thomas, Croydon, England, assignors to Creed and Company, Limited, Croydon, Surrey, England
Application December 10, 1935, Serial No. 53,702
In Great Britain February 22, 1935
4 Claims. (Cl. 178—23)



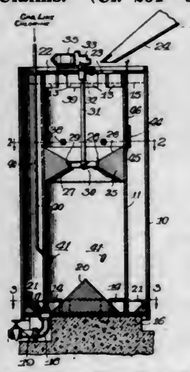
1. In type printing telegraph apparatus, a shaft, means for automatically releasing said shaft for rotation on receipt of a distinctive signal, a sleeve carrying cams cut to represent a set of characters to be transmitted, reduction gearing on said shaft for driving said sleeve at a reduced speed, a set of adjustable combination bars for determining characters, means periodically contacting said cams for determining the adjustment of said combination bars for the transmission of signals, a series of characters represented by said cams, and means for maintaining said shaft in rotation until all said signals have been transmitted and for arresting said shaft thereafter.

2,130,401
ROTARY MACHINE
John D. Spalding, Los Angeles, Calif., assignor to The National Supply Company, Torrance, Calif., a corporation of Pennsylvania
Application November 6, 1937, Serial No. 173,160
13 Claims. (Cl. 255—23)



1. In a device of the class described for use in conjunction with the table of a rotary machine, the combination of a stationary guard member having a depending wall surrounding said table and a flange overlapping a portion of the upper surface of said table, and a series of downwardly directed scavenging openings in said flange positioned adjacent the outer periphery of said table.

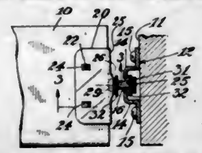
2,130,402
APPARATUS FOR CHLORINATING PULP
Clinton K. Textor, Cloquet, Minn., assignor to The Northwest Paper Company, Cloquet, Minn., a corporation of Minnesota
Application December 11, 1935, Serial No. 53,886
2 Claims. (Cl. 261—93)



1. Apparatus for treating liquid and pulp slurries with gas comprising a vessel, a vertical tubular shell within said vessel open at the top and bottom to liquid in said vessel for circuitous flow of liquid through said shell, means providing an annular constriction in the passage-way through said shell adjacent the upper end providing a reaction chamber below said constriction, propelling means located in and substantially filling the opening of said constriction for circulating the liquid, the opening of said constriction and the size of the propelling means being such that operation of the propelling means creates a velocity of the slurry at said constriction which prevents gas rising through said constriction, and means for discharging gas into said reaction chamber below said propelling means.

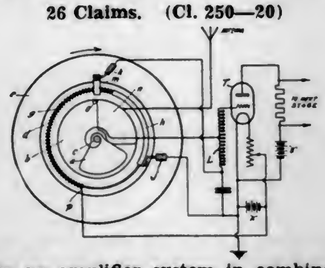
2,130,403
VENETIAN BLIND HARDWARE
August Frederick Waltzinger, Jackson Heights, N. Y., assignor to Hans K. Lorentzen, New York, N. Y.
Application January 2, 1937, Serial No. 118,847
2 Claims. (Cl. 156—17)

1. As an article of manufacture, a guide-pin fitting for the end of a Venetian blind slat, said fitting comprising: a stamped sheet metal channel to embrace the end of the slat, the sides of the channel being substantially parallel and being separated by a distance substantially equal to the thickness of the slat, and the bottom of the channel having a depressed center portion; attachment tongues stamped from the metal of at least one of the sides of the channel, the tongues



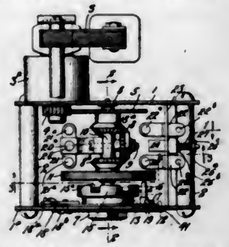
lying substantially outside of the space between the sides of the channel and being adapted to be projected out of said position and into the slat after the fitting has been placed on the slat; and a guide pin having one end riveted to said stamping, the riveted end being located in said depressed center portion out of the main contour of the bottom of the channel.

2,130,404
SYSTEM FOR PREVENTING OVERMODULATION IN RECEIVERS
Guido Anders, Berlin-Steglitz, Germany, assignor to Allgemeine Elektrizitats, Gesellschaft, Berlin, Germany, a corporation of Germany
Application April 13, 1929, Serial No. 354,753. Renewed June 7, 1933. In Germany April 25, 1928
26 Claims. (Cl. 250—20)



15. In an amplifier system in combination, a vacuum tube amplifier, means for controlling the bias voltage applied to the grid of said tube, means for controlling the signal input voltage applied thereto and a single means for operating both said control means successively.

2,130,405
TIME DELAY APPARATUS
Rufus A. Andrews, Mount Vernon, N. Y., assignor to Ward Leonard Electric Company, a corporation of New York
Application October 10, 1935, Serial No. 44,464
5 Claims. (Cl. 161—1)



1. Time delay apparatus comprising a driven element to be moved from an initial position to a final position, a circuit to be controlled, differential gearing for driving said element, an electric motor for driving said gearing in one direction, electromagnetic means for controlling the movement of one of the gears of said gearing, a switch for closing the circuit of said means, a switch for closing the circuit of said motor biased to closed position, means successively engaged by said driven element and controlled thereby for first affecting the connections of said circuit to be controlled and then opening said second named switch upon said element attaining its final position, and a spring for returning said element to its initial position upon the subsequent opening of said first named switch.

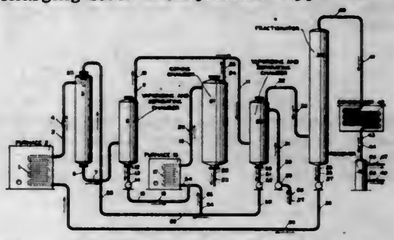
2,130,406
SALIVA EJECTOR
Robert C. Angell, Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company, a corporation of Pennsylvania
Application April 18, 1935, Serial No. 16,966
2 Claims. (Cl. 32—33)



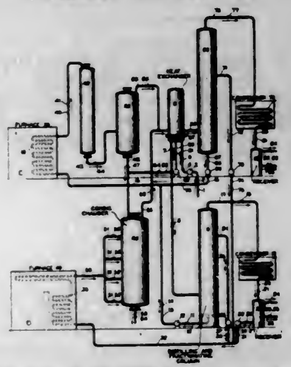
1. A saliva ejector comprising a suction tube in the form of a gooseneck having an inlet orifice and terminating in a globate tissue distending head embracing said orifice and having a plurality of saliva conveying slots intersecting at the axis of said orifice and extending throughout said head along said tube back of the plane of said orifice, and affording open grooves for facilitating the free and direct flow of saliva to said orifice.

2,130,407
CONVERSION OF HYDROCARBON OILS
Charles H. Angell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application August 5, 1935, Serial No. 34,655
5 Claims. (Cl. 196—49)

1. In a process for the conversion of hydrocarbon oils wherein oil recovered from within the system is subjected to conversion conditions of cracking temperature and substantial superatmospheric pressure in a heating coil, the resulting vaporous and liquid conversion products separated and the latter subjected to appreciable further vaporization in a reduced pressure vaporizing chamber, the remaining non-vaporous residual liquid heated to a relatively high temperature under non-coking conditions in a separate heating coil and then introduced into a coking chamber wherein its reduction to substantially dry coke is accomplished, the improvement which comprises imparting to said residual liquid in the separate coil sufficient heat to effect its reduction to coke in the coking chamber, withdrawing vaporous products from the coking chamber and contacting the same in a separate vaporizing chamber with relatively cool hydrocarbon oil charging stock for the process, whereby the charging stock is subjected to appreciable vaporization and undesirable high-boiling components are removed from the vaporous products, subjecting the remaining vapors to fractionation together with vaporous products from the first-mentioned vaporizing chamber whereby their insufficiently converted components are condensed as reflux condensate, supplying reflux condensate recovered by said fractionation to the first mentioned heating coil for said conversion, subjecting fractionated vapors of the desired end-boiling point to condensation, and collecting the resulting distillate.



2,130,408
CONVERSION OF HYDROCARBON OILS
Charles H. Angell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application May 16, 1934, Serial No. 725,880
7 Claims. (Cl. 196—49)



1. A conversion process which comprises heating hydrocarbon oil to cracking temperature under pressure in a heating zone and subsequently separating the same into vapors and unvaporized oil, distilling the unvaporized oil to coke and passing the vapors thus formed, prior to any previous fractionation thereof, in indirect heat exchange relation with fresh charging oil for the process to preheat the latter and to separate high coke-forming constituents from these vapors, distilling the thus preheated charging oil and separating therefrom a relatively heavy fraction and a lighter fraction, supplying the relatively heavy

fraction to said heating zone, heating said lighter fraction in a second heating zone to higher cracking temperature than the oil in the first-named heating zone and discharging resultant heated products into contact with said unvaporized oil to assist the coking thereof, fractionating the vapors uncondensed by said heat exchange independently of the charging oil to form relatively heavy and light reflux condensates, returning such heavy and light reflux condensates respectively to the first-named heating zone and said second heating zone, and finally condensing the fractionated vapors.

2,130,409
ABRADING ROLLER

Philip G. Aulson, Salem, Mass., assignor to The Aulson Tanning Machinery Company, Salem, Mass., a corporation of Massachusetts

Application January 16, 1937, Serial No. 120,854
2 Claims. (Cl. 51—194)

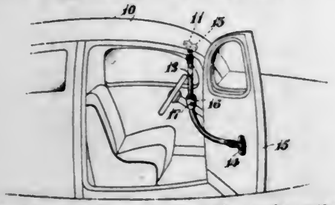


1. An abrading roller having a hollow cylindrical metallic body provided with two diagonally disposed peripheral slots extending toward each other from opposite ends thereof, said slots being parallel to and out of alinement with each other; an ear extending inwardly from the inner wall of said cylindrical body intermediate the ends thereof and at the inner end of each slot; ears at the opposite ends of said body extending inwardly and radially from the inner wall thereof; a slotted shaft rotatable in each end ear and one of said intermediate ears; an abrading sheet having at each end two projecting portions for insertion one in each peripheral slot and the slot of a rotatable shaft; means for rotating each slotted shaft; and means for locking each slotted shaft in adjusted position.

2,130,410
FLEXIBLE DOOR PULL AND HAND ASSIST FOR AN AUTOMOBILE

George Joseph Basel, Cleveland, Ohio

Original application September 23,1936, Serial No. 102,148. Divided and this application October 30, 1937, Serial No. 171,942
1 Claim. (Cl. 268—3)

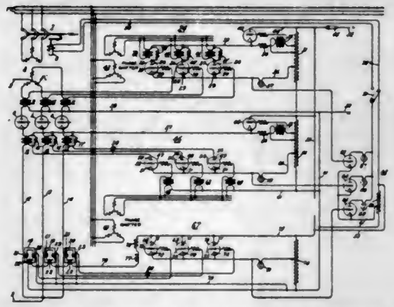


In an apparatus of the class described, the combination with an automobile door, of an integral flexible door pull member consisting of an upper portion, an intermediate portion, and an adjusting portion of elongated loop configuration having a free end defined by training a portion of the adjusting portion back upon the intermediate portion, a buckle fixed to the intermediate portion, a hand assist of ovate configuration adjustably mounted on the door pull member, a set screw, the set screw in the hand assist and adapted to maintain the hand assist in predetermined position on the door pull member, an upper supporting and retaining member for the end of the upper portion, disposed laterally and forwardly of a steering wheel, and inwardly of a supporting member on which the door is hingedly connected, and adjacent the underside of a roof structure, a lower supporting and retaining member fixed to the inner side of the automobile door, the elongated loop being trained in the aforesaid supporting and retaining member and the free end of the loop secured in the buckle to maintain adjustment after being made.

2,130,411
ELECTRIC CONTROL AND INDICATING CIRCUITS

Burnice D. Bedford, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application January 30, 1936, Serial No. 61,528
10 Claims. (Cl. 177—311)



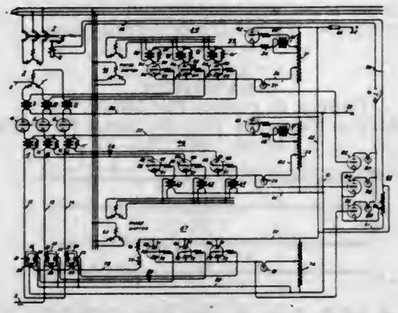
1. In combination, an electric translating circuit including a group of electric valves, means for rendering said electric valves conductive during different predetermined intervals, and a circuit for indicating the first of said electric valves to conduct current at any time other than during said intervals and including a plurality of electric valves each having an anode, a cathode and a control electrode and each being associated with a predetermined one of said first mentioned valves, comprising means for impressing on the anodes of said second mentioned valves a positive potential, means for impressing on the control electrodes of said second mentioned valves a potential having a value less than the critical potential, means for introducing periodic potentials in the anode circuits of said second mentioned valves to render ineffective said positive potential and to prevent starting of said second mentioned valves during said predetermined intervals, means responsive to the current conducted by each of said first mentioned valves for impressing a positive potential on the control electrode of each of said valves to render said second mentioned valves conductive when said first mentioned valves conduct at any time other than during said predetermined intervals, means responsive to an electrical condition of said second mentioned valves for introducing in the anode circuits of said second mentioned valves a potential for rendering ineffective said periodic potentials and for maintaining conductive one of said second mentioned valves comprising an electric valve of the vapor electric type for maintaining conductive said one of said second mentioned valves and means for interrupting the current through said one of said second mentioned valves.

6. In combination, an electric translating circuit including electric valve means, a plurality of circuits each associated with said valve means for indicating the occurrence of faults of predetermined different character, and means for indicating the first of said indicating circuits to operate.

2,130,412
ELECTRIC CONTROL AND INDICATING CIRCUITS

Burnice D. Bedford, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Original application January 30, 1936, Serial No. 61,528. Divided and this application March 26, 1937, Serial No. 133,233
10 Claims. (Cl. 177—311)



1. In combination, a main electric valve, means for normally rendering it conductive during predetermined intervals and nonconductive during other predetermined intervals, and a circuit responsive to the failure of said electric valve to become conductive during the conductive intervals and comprising an auxiliary electric valve, means for operating said auxiliary electric valve, means to prevent starting of said auxiliary valve during all of said normally nonconductive intervals of said main valve, and means responsive to the current flow in the main valve to prevent starting of said auxiliary valve only during the actual conducting intervals.

2,130,413
REINFORCED RUBBER ARTICLE

John L. Bitter, Johnson City, Tenn., assignor to North American Rayon Corporation, New York, N. Y., a corporation of Delaware

No Drawing. Original application August 6, 1934, Serial No. 738,690. Patent No. 2,080,002, dated May 11, 1937. Divided and this application April 6, 1937, Serial No. 135,241
4 Claims. (Cl. 91—68)

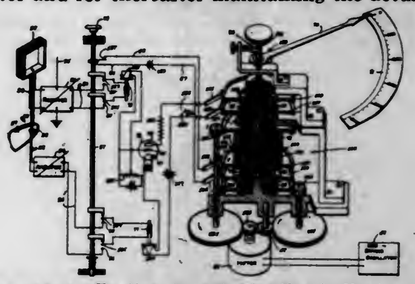
1. A rubber article having embedded therein strengthening cotton threads, said threads having a coating of a cellulosic substance selected from the group consisting of regenerated celluloses, cellulose esters and cellulose ethers containing about 10 to 50% of a finely divided carbon black.

2,130,414
ELECTRIC ACOUSTIC RECEIVER

Edward Lindley Bowles, Wellesley Farms, Mass.

Application October 7, 1932, Serial No. 636,705
3 Claims. (Cl. 177—352)

2. A receiver comprising, means for receiving electric-wave signals, means for receiving acoustic-wave signals, an indicator, means for actuating the indicator, the said actuating means being normally ineffective, a normally open relay, a normally closed relay, a circuit controlled by the normally open relay, a circuit controlled by the normally closed relay, means controlled by the electric-wave signal receiving means for closing the normally open relay, thereby to close the first-named circuit, means controlled by the closing of the first-named circuit for rendering the actuating means effective to start to actuate the indicator and for thereafter maintaining the actuating means effective to actuate the indicator irrespective of the position occupied by the normally open relay, means controlled by the acoustic-wave signal receiving means for opening the normally closed relay, thereby to open the second-named circuit, and means controlled by the opening of the second-named circuit for rendering the actuating means ineffective, thereby to stop the further actuation of the indicator.



2,130,415
ART OF DYEING

Arthur J. Buchanan, Charlotte, N. C., assignor, by mesne assignments, to Southern Dyestuff Corporation, Charlotte, N. C., a corporation of North Carolina

No Drawing. Application April 14, 1936, Serial No. 74,246
1 Claim. (Cl. 8—6)

Liquid sulphur dye, being a concentrated, filterable solution of sulphurized dyestuffs, comprising a sulphurized dyestuff dissolved and reduced in a concentrated composite solution of sodium sulphide and sodium hydrosulphide, in which the ratio of sodium sulphide to sodium hydrosulphide is from about 1:1 to 2:1, said liquid dye solution containing from about 16% to about 45% of the sulphurized dyestuff, and being characterized by improved stability toward oxidation and by relatively low pH value.

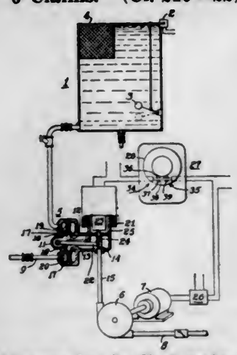
2,130,416
DYEING

Arthur J. Buchanan, Charlotte, N. C., assignor, by mesne assignments, to Southern Dyestuff Corporation, Charlotte, N. C., a corporation of North Carolina

No Drawing. Application June 19, 1936, Serial No. 86,078
2 Claims. (Cl. 8—6)

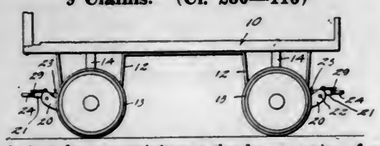
1. Liquid sulphur dye being a concentrated, filterable solution of sulphurized dyestuff dissolved and reduced in a concentrated composite solution of sodium sulphide, sodium disulphide and sodium hydrosulphide, in which the sodium sulphide, sodium disulphide and sodium hydrosulphide are present in approximately equal amounts, said dye solution containing approximately from 18% to 50% of the sulphurized dyestuff, and being characterized by improved stability toward oxidation and by relatively low pH value.

2,130,417
APPARATUS FOR FEEDING WATER CONDITIONING CHEMICALS DIRECT TO BOILERS
Edward W. Butzler, Avalon, Pa., assignor to John M. Hopwood, Mount Lebanon, Pa.
Application March 27, 1936, Serial No. 71,290
6 Claims. (Cl. 210—22)



1. In apparatus for feeding water conditioning chemical to the water in boilers, the combination with a boiler; a pump connected to the boiler and having a motor for driving the same, a supply of water conditioning chemical, a supply of flush water, a valve assembly adapted to connect the pump alternately to the chemical and flush water supplies, of means for starting the pump driving motor and connecting the chemical supply to the pump, means for operating said valve assembly to cut off the supply of chemical after a predetermined period of time and to connect the supply of flush water to the pump, and means for stopping the pump motor after flush water has been delivered to the boiler water for a predetermined period of time.

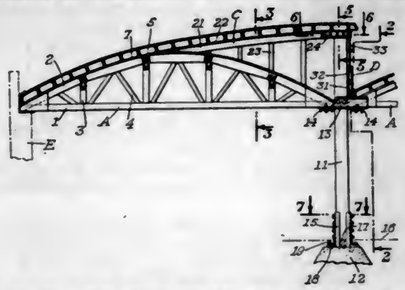
2,130,418
TRUCK
Carl J. Du Pont and John W. Ferris, Huntington, Ind.
Application August 19, 1937, Serial No. 159,969
9 Claims. (Cl. 280—116)



1. A truck comprising a body, a pair of axles disposed below said body, wheels on said axles, a fifth wheel structure swingably connecting one of said axles to said body, a draw bar, a guide engaging said draw bar, means supporting said guide from said fifth wheel structure, said draw bar being movable inwardly of said fifth wheel structure through said guide, and means carried by said fifth wheel structure engageable with said draw bar to lock said fifth wheel structure against turning.

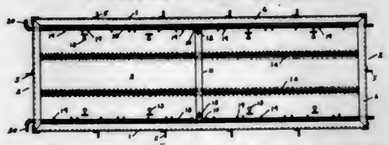
2,130,419
ROOF STRUCTURE
John S. Edison, Los Angeles, Calif., assignor to Wm. P. Neil Company, Ltd., Los Angeles, Calif., a corporation of California
Application October 27, 1936, Serial No. 107,833
11 Claims. (Cl. 108—23)

10. In a roof structure, a bowstring truss, and a super truss constructed on and above the crown of the same at one side of its median line, the top of



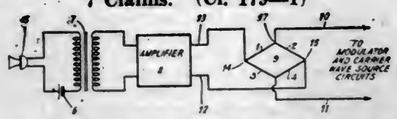
the super truss being curved and merging at one end with the crown of the bowstring truss.

2,130,420
DRAW OVEN
Clifford B. Ferree, Pittsburgh, Pa.
Application November 18, 1936, Serial No. 111,408
2 Claims. (Cl. 266—5)



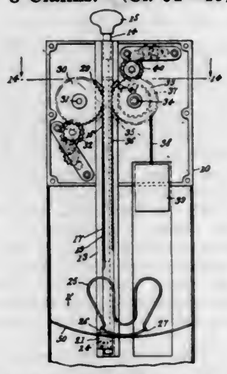
1. A draw oven for the heat treatment of a rolling-mill roll, including floor, side walls, and roof, the side walls and roof being formed of heat-insulating material of low heat-absorption capacity, the roof being removable and the seams incident to the removable-roof construction affording the sole exit for gas from the chamber within the closed oven, means for supporting by its necks within the chamber and with its face free end enveloped throughout all its extent in the atmosphere within the oven a roll to be treated, and means for projecting into the otherwise free chamber from opposite sides and in a horizontal plane below the lower limb of curvature of a roll supported within the oven chamber two lines of flame.

2,130,421
TRANSMISSION AND RECEPTION OF INTELLIGENCE
Samuel G. Frantz and Brunson S. McCutchen, Princeton, N. J., assignors to Radio Corporation of America, a corporation of Delaware
Original application April 23, 1935, Serial No. 17,775. Divided and this application April 17, 1963, Serial No. 74,834
7 Claims. (Cl. 179—1)



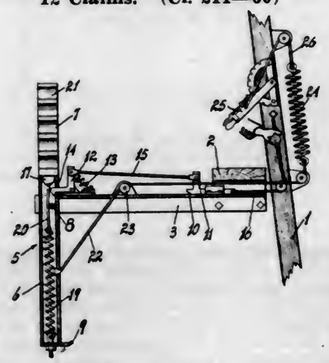
1. In a radio receiving system including means for connecting the input of the system to a source of variable intensity signal energy and means for connecting the output of the system to a utilizing circuit, a four-arm resistance bridge interposed between said two means, opposite arms of said bridge being constructed so as to have substantially the same temperature coefficient of resistance but one pair of said arms having different temperature coefficient of resistance than the other thereof, said bridge being adjusted so as to be approximately balanced for minimum signal intensity and to become more and more unbalanced as the average intensity of the signal energy increases, the ratio of output to input voltage varying according to the input voltage as a result of change of resistance of any of the elements of the network due to heating by current passing therethrough.

2,130,422
APPARATUS FOR CAPS FOR SHOES
Friedrich Gamerdinger, Zuffenhausen, and Otto Weber, Stuttgart, Germany
Application May 27, 1935, Serial No. 23,636
In Germany May 31, 1934
8 Claims. (Cl. 91—46)



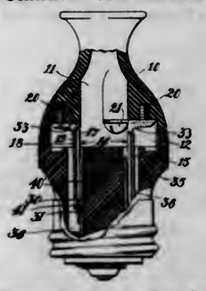
1. A material treatment means comprising a casing, an immersion chamber in the casing, a vapor chamber in the casing above the immersion chamber, an article supporting member, means for mounting the member normally in the vapor chamber for movement from one chamber to the other, and progressively operated means for returning the member from the immersion chamber to the vapor chamber at varying speeds.

2,130,423
DERRICK FINGER
William A. Goff, Long Beach, Calif.
Application January 4, 1936, Serial No. 57,630
12 Claims. (Cl. 211—60)



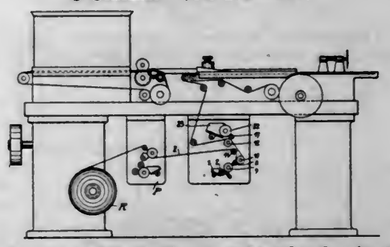
1. In a derrick finger, a horizontal frame fixedly mounted in the derrick, a finger pivotally mounted on the frame, said finger being adapted and arranged to swing into a horizontal or vertical position, a latch means on the frame adapted to engage the finger in horizontal position, a second latch means on the frame adapted to engage the finger in vertical position, means engaging the first named latch, adapted to release the same and means engaging the last named latch and adapted to release the same.

2,130,424
ATTACHMENT PLUG
Albert E. Grant, New York, N. Y., assignor to Albert T. Otto & Sons, Inc., New York, N. Y.
Application June 29, 1936, Serial No. 87,879
6 Claims. (Cl. 173—361)



4. An attachment plug comprising a housing of insulating material having a wire passage therethrough and a pair of contact blades projecting therefrom, each of said blades comprising a straight strip of flat conducting metal less than one-sixteenth inch in thickness having a longitudinally extending reenforcing rib embossed on one face and a corresponding channel in the opposite face thereof, said channel extending over the greater portion of the projecting area of the blade and terminating adjacent the free end of the blade to form a shoulder positioned for engagement with the usual protuberances carried by the contact elements of standard receptacles.

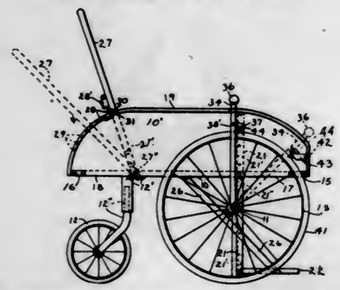
2,130,425
METHOD AND MEANS OF IMPRESSING BRONZE DESIGNS
Paul Louis Graupner, Kotzschenbroda, Germany, assignor to "Universelle" Cigarettenmaschinenfabrik J. C. Mueller & Co., Dresden, Germany
Application April 6, 1935, Serial No. 15,009
In Germany December 22, 1934
3 Claims. (Cl. 101—178)



1. A means for placing powdered color impressions on a web comprising a base printing cylinder, a color printing cylinder, means for rotating each of the cylinders in unison, a pair of impression rollers disposed one adjacent each cylinder and contacting therewith, means for swingably supporting said impression rollers for contact one with each cylinder, said rollers having the web trained thereover, means for elastically tensioning said supporting means to bias

the said rollers against the cylinders, means for placing a mucilaginous substance on the base cylinder for impression on the sheet, and means contacting with the color cylinder for placing a powdered color thereon, said color cylinder being so timed with respect to said base cylinder whereby the powdered color on the color cylinder will be impressed on the mucilaginous impression.

2,130,426
WHEEL CHAIR DRIVE
Donald Henderson, Bremerton, Wash.
Application January 22, 1937, Serial No. 121,774
4 Claims. (Cl. 280—244)



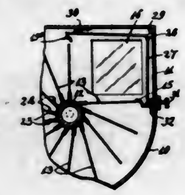
1. A device for operating a ground travelling wheel for an invalid chair, comprising an actuating lever pivotally connected at one end thereof to an axle, the other end of said lever projected upward above the top of said wheel, an actuating dog pivotally connected to the upper portion of said lever and spanning the rim of said wheel, one end of said dog bifurcated and outward lips on the said dual end, means for shifting the position of said lips for alternate contact with the rim of said wheel, for turning said wheel in the forward and in the opposite direction, said dog further adapted to be depressed into the rim of said wheel for restraining the turning thereof for braking the same, lugs projected outward from the sides of said lips, and fingers spanning the line of travel of said dog in fixed relation from said wheel and adapted to automatically lift said dog from contact with said wheel at a predetermined point for releasing said wheel and to facilitate the free movement thereof.

2,130,427
TOY
Frank M. Hoover, Youngstown, Ohio
Application February 28, 1938, Serial No. 192,913
4 Claims. (Cl. 46—193)



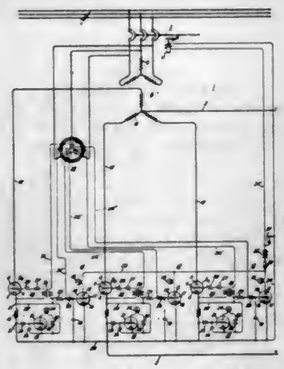
1. A rattle consisting of a plurality of perforate disks of urea formaldehyde with outstanding flanges surrounding the perforations, the disks being loosely strung upon an endless flexible carrier.

2,130,428
MOTION PICTURE ADVERTISING MACHINE
Jack Katz, New York, N. Y.
Application December 11, 1937, Serial No. 179,285
5 Claims. (Cl. 40—35)



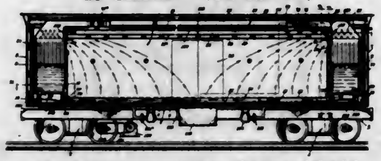
1. A motion picture advertising machine comprising a housing with a window opening, a shaft rotatively mounted through said housing, a plurality of picture cards adapted to be seen in succession through said window opening, holding means mounted on the periphery of said shaft for holding said cards in a series radially about the shaft, means for rotating said shaft, and means for momentarily engaging the outer edges of said cards during the rotation of said shaft for holding the cards in succession so that one is visible at a time through said window opening, said holding means comprising pairs of opposed plates for each card, each pair of plates having flanged bottom edges engaging the bases of dovetailed grooves formed in the surface of said shaft.

2,130,429
ELECTRIC VALVE CIRCUITS
Kenneth H. Kingdon, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application January 30, 1936, Serial No. 61,517
7 Claims. (Cl. 177—311)



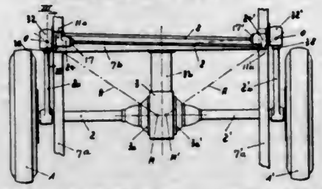
1. In combination, an electric circuit, electric valve means connected in said circuit and comprising a control member for controlling the conductivity thereof, an excitation circuit connected to said control member for rendering said valve means conductive during predetermined intervals comprising a source of alternating voltage, and means associated with said excitation circuit and responsive to said alternating voltage and to the current conducted by said electric valve means for affording an indication when said valve means conducts current at any time other than during said predetermined intervals.

2,130,430
AIR FLOW VENTILATING, HEATING, COOLING, HUMIDIFYING, GASSING CONTROL TRANSPORT SYSTEM
Frank A. Maginnis, Los Angeles, Calif., assignor to John F. Daly, Alhambra, Calif.
Application August 28, 1936, Serial No. 98,294
16 Claims. (Cl. 62—24)



1. In a transport vehicle for perishable products, a body having a loading floor, end and side walls and roof, a bulkhead spaced from one of said walls and extending across said body to divide the interior thereof into a load receiving space and a bunker space to receive refrigerant or heating media, said loading floor having a series of openings distributed over the same, said openings being graduated in area from small openings adjacent said bulkhead to larger openings as said openings are progressively spaced from said bulkhead, a false ceiling in said vehicle spaced below said roof to provide an air passage therebetween, and a plurality of openings distributed over said false ceiling communicating between said loading space and said floor openings to permit air to pass through said loading space when passing from said floor openings to said ceiling openings, said openings graduating in area from small openings adjacent said bulkhead to larger openings as said openings are progressively spaced from said bulkhead.

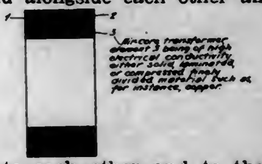
2,130,431
SPRINGING OF WHEELS
Karl Rabe, Stuttgart, Germany
Application February 23, 1934, Serial No. 712,588
In Germany February 27, 1933
20 Claims. (Cl. 267—57)



1. A vehicle wheel mounting comprising a wheel axle pivoted to swing about a substantially horizontal axis, a torsion spring for resiliently resisting the swinging of said axle and universal means for connecting said spring to said axle.

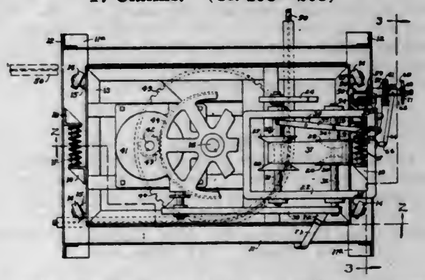
2,130,432
AIR-CORED HIGH-FREQUENCY TRANSFORMER
Rudolf Schmook, Berlin-Siemensstadt, Germany, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a corporation of Germany
Application August 3, 1934, Serial No. 738,198
In Germany August 3, 1933
3 Claims. (Cl. 175—359)

1. An air core radio frequency transformer including a hollow spool of material having high electrical conductivity shaped to provide a central hub portion with a radially outwardly extending flange at each end, and primary and secondary coils wound alongside each other and in close



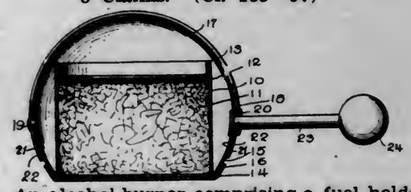
proximity to each other and to the hub and flanges of the spool, the coils and spool flanges being radially co-extensive.

2,130,433
EQUALIZING DRIVE FOR CONVEYER SYSTEMS
Jervis B. Webb, Royal Oak, Mich.
Application October 17, 1934, Serial No. 748,643
17 Claims. (Cl. 198—203)



1. The combination with an endless conveyer chain of a plurality of driving units located at spaced intervals along said chain in driving relationship therewith, each of said units being mounted upon a frame having limited rotative movement in a direction produced by the reaction of said driving units against said chain and means for limiting rotation of said frames in the direction of travel of said chain to hold each of said driving units with a predetermined driving pressure against said chain.

2,130,434
ALCOHOL BURNER
Morris B. Solomon, New York, N. Y.
Application April 18, 1936, Serial No. 75,034
8 Claims. (Cl. 158—97)



1. An alcohol burner comprising a fuel holder, a casing enclosing said fuel holder the upper portion of which is spherical, a tray for receiving both holder and casing and having an upstanding flange to seal the bottom of the casing, said casing being spaced from said holder and provided with an air port in its lower section, the upper portion of said casing having a centrally located opening to act as a burner tip, a band pivoted on opposite sides of said casing to travel across said opening when rotated about its pivots, and a valve for said air port moving with said band across said air port, the length of said burner tip opening being less than the diameter of the fuel holder.

2,130,435
MOTHPROOFING DETERGENT COMPOSITION

Hermann Stötter, Leverkusen-I. G. Werk, and Theodor Hermann, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Original application May 6, 1931, Serial No. 535,564. Divided and this application August 13, 1936, Serial No. 95,840. In Germany May 30, 1930

3 Claims. (Cl. 87—5)

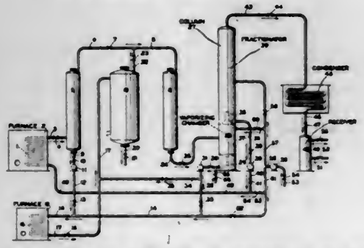
3. A moth-proofing detergent composition consisting essentially of an acid soapy washing agent in preponderating proportion and of a water-soluble moth-proofing agent having an affinity for wool selected from the group consisting of acid hydrofluoric acid salts, hydrosilico-fluoric acid, hydrofluoro-titanic acid, boro-fluoro-acetic acid, selenious acid, selenic acid, and salts of the said acids, said composition being at the most only slightly colored in the dry state, being soluble in water, and being adapted for simultaneously cleaning and rendering moth-proof wool, feathers, hair and like materials.

2,130,436
CONVERSION OF HYDROCARBON OILS

Kenneth Swartwood, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application December 24, 1934, Serial No. 758,996

14 Claims. (Cl. 196—49)



1. In a process for the conversion of hydrocarbon oil wherein the oil is subjected to cracking conditions of elevated temperature and superatmospheric pressure, the resulting vaporous and liquid conversion products separated and the latter subsequently subjected to coking at a temperature of from 900 to 1050° F. and under substantial superatmospheric pressure of from 100 to 500 pounds per square inch, the improvement which comprises commingling the vaporous products from the coking operation with the vaporous products previously separated from the liquid conversion products subjected to said coking and subjecting the commingled vapors, in a zone maintained at conversion temperature, to continued cracking at substantial superatmospheric pressure for a predetermined time without additional heating.

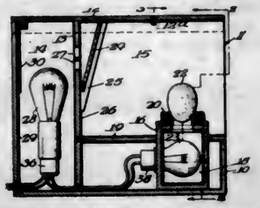
2,130,437
EXHIBITING AND ADVERTISING DEVICE

Harry W. Taylor, Oak Park, Ill.

Application June 5, 1937, Serial No. 146,549

9 Claims. (Cl. 40—130)

1. An exhibiting device embodying a casing having a view opening in one wall thereof, a closed light-proof chamber in the casing having an opening in one wall adapted to be closed by the article to be exhibited, illuminating means within said chamber disposed to direct its rays through the article, means for causing a reflection of the article within the casing when said il-



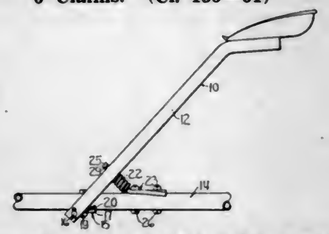
luminating means is rendered active, a sign within the casing, illuminating means for the sign, and thermostatic means common to said illuminating means for alternately rendering one active and the other inactive.

2,130,438
SEAT SUPPORT

Paul H. Westerlund, Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois

Application February 8, 1936, Serial No. 62,982

6 Claims. (Cl. 155—51)



6. In combination with a frame bar, a seat support comprising a structural channel member having a laterally extending web portion overlying said bar and terminating adjacent to the surface of the bar, and a vertical flange portion at either side of said web portion and extending beyond the termination thereof defining legs straddling said bar, means for pivotally connecting said legs to said bar on an axis spaced longitudinally of said channel member from the terminating edge of said web portion, and spring means disposed to act between said support and said bar for yieldingly holding said support in a normal position with the terminating edge of said web portion spaced from said bar, the terminating edge of said web portion being positioned to limit the amplitude of oscillation of said support about its pivotal connection to a predetermined safe value by engaging the adjacent surface of said bar when said safe value is exceeded or in case the spring breaks.

2,130,439
TRAFFIC OFFICER'S GARMENT

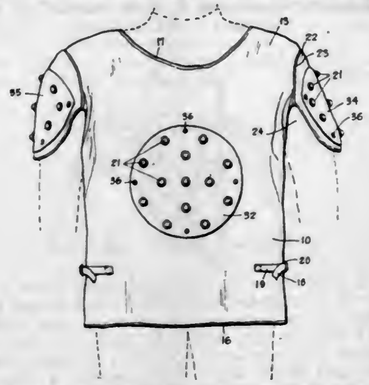
Charles A. Wheeler, Bridgeport, Conn., assignor to City of Bridgeport, a municipa' corporation of Connecticut

Application December 30, 1937, Serial No. 182,420

7 Claims. (Cl. 2—93)

1. A slip-on garment for displaying the presence of a person in traffic in the dark, comprising front and back panels of light-diffusing material covering the front and back portions of the person's clothing, said panels being united in coextension with each other and having an aperture whereby the garment may be slipped over

the head of the wearer and be supported on the latter's shoulders; a pendant of light-diffusing material connected to the garment at each shoulder-engaging portion thereof and adapted to hang down over the upper arms of the wearer



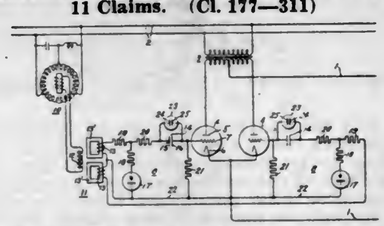
providing a substantial surface visible from the side of the latter; light-reflecting means carried by the front and back panels respectively; and additional light-reflecting means carried by the pendants.

2,130,440
ELECTRIC VALVE CIRCUITS

Clodius H. Willis, Princeton, N. J., and Burnice D. Bedford and Frank R. Elder, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York

Application January 30, 1936, Serial No. 61,508

11 Claims. (Cl. 177—311)



1. In combination, an electric circuit, electric valve means connected therein, and polarity responsive means comprising an electric discharge device of the glow type having a plurality of electrodes and connected to be energized in accordance with the condition of conductivity of said valve means so that said device affords one luminescent condition for normal operation of said valve means and another luminescent condition for irregular operation of said valve means.

2,130,441
POWER SUPPLY SYSTEM

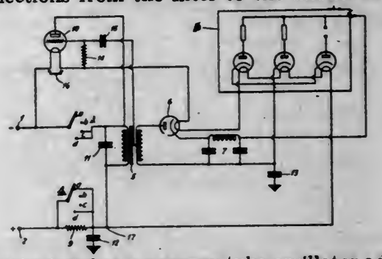
Otto Wohlfarth and Günther de Niem, Berlin, Germany, assignors to Allgemeine Elektricitatz Gesellschaft, Berlin, Germany

Application August 16, 1935, Serial No. 36,507

In Germany August 25, 1934

6 Claims. (Cl. 250—27)

1. In an amplifier system a plurality of thermionic tubes including indirectly heated cathodes and anodes, said cathodes being provided with heater means, a rectifier provided with an indirectly heated cathode and an anode, heater means for the last named cathode, a circuit including a resistor device and all of the heater means in series, said circuit being adapted to be connected to either a source of direct current energy or a source of alternating current energy to thereby energize all of the heater means, an auxiliary circuit including a transformer for connecting the rectifier to the source of alternating current to thereby rectify energy from the source, a filter connected to the output of said rectifier, connections from the filter to the anodes of the



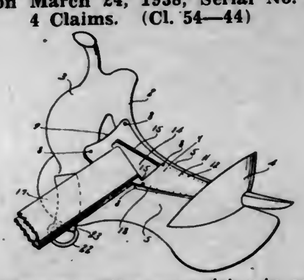
thermionic tubes, a vacuum tube oscillator adapted to be connected through suitable switching means to a source of direct current energy so as to be energized thereby, means for connecting the vacuum tube oscillator to the rectifier whereby the output of the oscillator is rectified and selective switching means for connecting the oscillator to the rectifier through said transformer when in one position and the source of alternating current to the rectifier through said transformer when in another position.

2,130,442
SADDLE CONSTRUCTION

Stanley E. Worcester, Phoenix, Ariz.

Application March 24, 1938, Serial No. 197,903

4 Claims. (Cl. 54—44)



1. Saddle construction comprising in combination, a saddle tree, a plate affixed to the seat bed thereof, having means within its forward portion for supporting stirrup leathers centrally above the tree rails and a rear portion comprising a strainer iron plate adapted to cover the gap between tree rails.

2,130,443
ELECTRIC CONTROL AND INDICATING SYSTEM

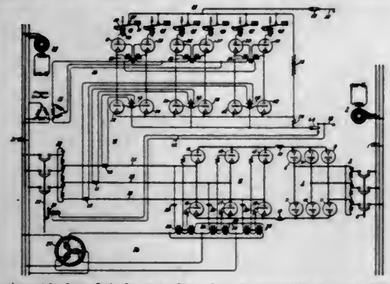
Clodius H. Willis, Princeton, N. J., assignor to General Electric Company, a corporation of New York

Application August 20, 1936, Serial No. 96,974

7 Claims. (Cl. 177—311)

1. In combination, an electric circuit, an electric valve means connected therein, means for rendering said electric valve means conductive during predetermined intervals, current responsive means, electric valve means for controlling the energization of said current responsive means

and comprising two control members for conjointly controlling the conductivity thereof, means for impressing on one of said control members a potential to prevent ignition of said second mentioned electric valve means during said predetermined intervals, and means for impressing on the other of said control members



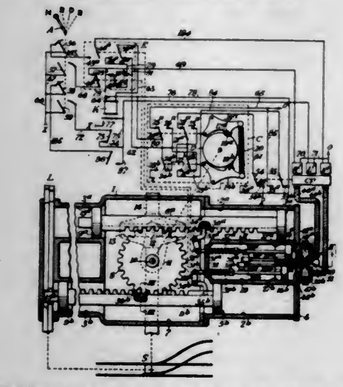
a potential which varies in accordance with the actual current conducted by said first mentioned electric valve means to permit ignition of said second mentioned electric valve means and to effect energization of said current responsive means when said first mentioned electric valve means conducts current at any time other than during said predetermined intervals.

2,130,444

RAILWAY SWITCH OPERATING APPARATUS

Earl M. Allen, Swissvale, and Edwin G. Little, Wilkinsburg, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application March 28, 1936, Serial No. 71,478
6 Claims. (Cl. 246—258)



1. Railway switch operating apparatus comprising a housing containing a pair of drive cylinders containing pistons operatively connected with the switch, a dog for each said piston for locking the piston, said dogs being biased to locking positions, a pair of auxiliary cylinders located in said housing, a piston in each auxiliary cylinder for moving one of said dogs from its locking to an unlocking position and for controlling the supply of fluid pressure to an associated one of said drive cylinders, two manually operable valves one for controlling the supply of fluid pressure to each auxiliary cylinder, and means effective when either of said valves is moved to its closed position for moving the associated dog to its unlocking position if it then occupies its locking position.

2,130,445

CONTAINER

Robert P. Bemiss, San Francisco, Calif., assignor to Bemiss Corporation, a corporation of California

Application September 8, 1936, Serial No. 99,725
5 Claims. (Cl. 206—46)



1. A package for products comprising a flat sheet of corrugated paper for supporting products on the corrugated face thereof, and a wrapper of transparent material stretched over said products and said sheet to retain products on said sheet, said sheet being folded along a line substantially at the middle of said sheet and extending transversely to corrugations in said paper whereby said sheet is bowed upon itself to stretch said wrapper.

2,130,446

GAUGE ATTACHMENT FOR SEWING MACHINES

William Rakov, Syracuse, N. Y.

Application November 3, 1937, Serial No. 172,584
4 Claims. (Cl. 112—151)



1. In a stitching gauge for sewing machines, a a supporting bar having one end portion thereof adapted to be adjustably connected with the presser foot of the sewing machine, the other end portion of said bar providing a handle by which said bar may be manually held during the connection and disconnection of said bar with the presser foot, said supporting bar having a stop element at the junction of said inner and outer portions thereof, a gauge finger having an aperture receiving a portion of the bar adjacent said stop element therethrough and adapted to permit vertical movement of the bar with respect to said gauge finger, and spring means secured to the under side of said handle portion of the bar engaging in said aperture and cooperating with said stop element for operatively connecting the gauge finger with the bar so as to project downwardly from said bar substantially normal thereto.

2,130,447

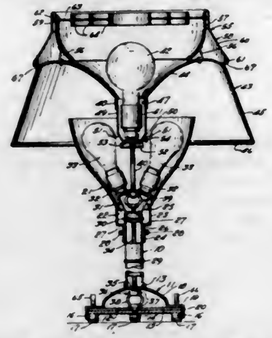
LAMP

Hilyard R. Robinson, Washington, D. C., and Aksel J. C. Knudstrup, Vienna, Va.

Application October 28, 1937, Serial No. 171,584
3 Claims. (Cl. 240—81)

1. In a lamp structure including a base, a standard secured to and extending upwardly of said base, a plurality of socket members, means securing said socket members to the upper portion of said standard, an inverted reflector above

said socket members, means supporting said reflector from the upper end of said standard, a second reflector opposed to said first reflector and disposed thereabove, means engaging said standard and said second reflector for supporting said second reflector, a socket member disposed concentrically of said second reflector for supporting a light bulb above said second reflector, said second reflector having a substantially cone shaped reflecting upper surface, a third reflector



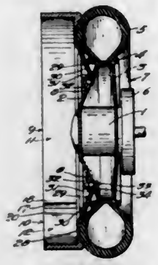
disposed above said second reflector, bracket means supporting said third reflector above said second reflector, an outwardly flared apron integral with said third reflector and extending outwardly and downwardly thereof, a plurality of annular louvers disposed concentrically of said third reflector, bolts secured to said louvers, said third reflector having a plurality of circumferentially arranged button hole slots to receive said bolts for detachably supporting said louvers.

2,130,448

TRACTION ATTACHMENT

Frank Signori, Reno, Nev.

Application October 15, 1937, Serial No. 169,302
4 Claims. (Cl. 301—39)



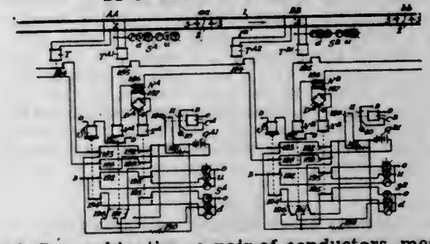
1. In a vehicle wheel having a central web, rim and shoe, a traction attachment therefor including semi-circular sections each formed with an outer cylindrical peripheral surface and having a side flange at one edge, the ends of said sections abutting each other and formed with inter-engaging endwise slidable connectors to form a circular auxiliary tire with its outer side entirely open, the side flange being integral with the outer surface and forming a smooth edge therewith, and being concave to seat on one side and fit against a tire shoe, said flange extending centrally beyond the center of said shoe with short triangular shape couplers extending inwardly diametrically towards each other with an attaching slot in each inner end, and being inwardly bent towards the wheel to contact the rim and central web thereof and then bent outward to secure close contact with said web for attachment thereto.

2,130,449

RAILWAY TRAFFIC CONTROLLING APPARATUS

Howard A. Thompson, Edgewood, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application June 18, 1937, Serial No. 148,909
14 Claims. (Cl. 246—41)



1. In combination, a pair of conductors, means for supplying said conductors with continuous current of positive polarity, means for supplying said conductors with continuous current of negative polarity, means for supplying said conductors with periodically varied current of positive polarity, means for supplying said conductors with periodically varied current of negative polarity, a polarized relay connected across said conductors responsive to each of said forms of current carried by said conductors, a transformer connected in series with said relay, a control device controlled by said transformer responsive to energization of said transformer by said periodically varied currents carried by said conductors but not responsive to energization of said transformer by said continuous currents, railway traffic indication means, and means controlled by said polarized relay and by said control device for selectively controlling said traffic indication means according to the form of current supplied to said conductors.

2,130,450

CIGARETTE WITH LIGHTER ATTACHMENT

Simon Weisman, Minneapolis, Minn.

Application October 9, 1936, Serial No. 104,786
3 Claims. (Cl. 131—52)

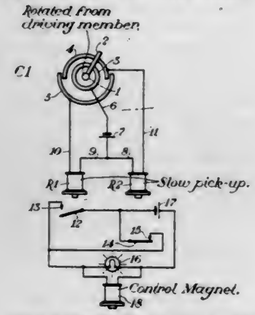


1. Lighting means for a cigarette having in combination a cigarette wrapper having an outer portion in the form of a plurality of annular plies of paper, said outer portion being compacted in the form of a relatively solid cylindrical lighting element of relatively small diameter and axially aligned with the cigarette, a relatively thin coating of pyrophoric composition externally applied to said lighting element and retaining the same in compacted cylindrical form, and a striking element closely surrounding said lighting element and of not greater maximum width than the diameter of said cigarette, said striking element being lined with striking material, whereby longitudinal withdrawal of said striking element from said lighting element will cause ignition of said coating with the resultant incandescence and continued glowing of said lighting element after said coating has been consumed so that the cigarette may be drawn upon to effect lighting from said glowing element.

2,130,451
PROCESS FOR THE PREPARATION OF VINYL DERIVATIVES
Georges E. Zelger, Montreuil-sous-Bois, Seine, France, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
No Drawing. Application May 16, 1935, Serial No. 21,878. In France May 23, 1934
16 Claims. (Cl. 260—2)

1. A process for the preparation of a condensation product of a polyvinyl alcohol and an aldehyde which gives a solution of high viscosity in a previously selected organic solvent comprising condensing a polyvinyl alcohol with an aldehyde, in the presence of about (A+0.3) percent to about (A+1) per cent by weight of a catalyst, based on the total weight of the reaction mass, where A percent represents the amount of catalyst necessary to produce a condensation product just insoluble in the previously selected organic solvent.

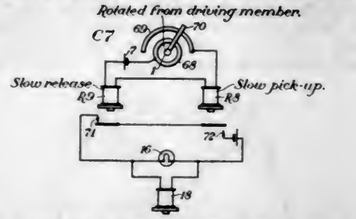
2,130,452
SPEED RESPONSIVE APPARATUS
Herbert L. Bone, Forest Hills, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Original application May 17, 1935, Serial No. 22,029. Divided and this application April 2, 1937, Serial No. 134,633
8 Claims. (Cl. 175—355)



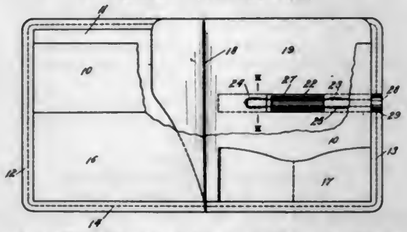
1. Speed responsive apparatus comprising a shaft adapted to be rotated at different speeds, a commutator including a pair of successive segments each of a predetermined length, a contact brush operatively connected with said shaft for rotation therewith and adapted to successively engage said segments, a first and a second relay each provided with slow pick-up characteristics, a current source; a control circuit for each relay including a winding of the relay, a particular one of said segments, said brush and the current source for successively and periodically energizing said relays with current impulses of a given polarity in response to rotation of said shaft; an indicating device, and an operating circuit for energizing said device including a front contact of each of the two relays in parallel.

2,130,453
SPEED RESPONSIVE APPARATUS
Herbert L. Bone, Forest Hills, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Original application May 17, 1935, Serial No. 22,029. Divided and this application April 2, 1937, Serial No. 134,634
6 Claims. (Cl. 175—355)

1. Speed responsive apparatus comprising a shaft adapted to be rotated at different speeds, a commutator mounted on the shaft including a segment of a predetermined length, a brush effective to engage said segment in response to each rotation of the shaft, a first relay provided with a slow pick-up period, a second relay provided with a slow release period, a source of current; a control circuit including the source, the brush, the segment and a winding of each relay in series for energizing the relays a given portion of each rotation of the shaft; and an indication circuit including a back contact of said first relay and a front contact of said second relay in series.



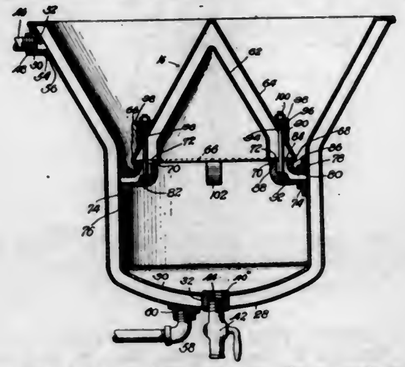
2,130,454
WALLET
Frederick Brunskill, Liverpool, England
Application September 21, 1937, Serial No. 164,929
In Great Britain September 19, 1936
4 Claims. (Cl. 150—38)



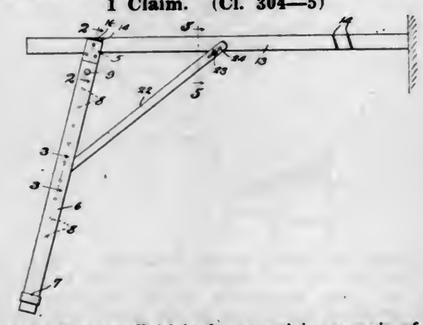
1. A wallet having walls including a partition sheet built into the wallet between the walls thereof to divide the wallet into two pockets, said partition sheet having an aperture, a friction roller located in said aperture whereby it is operative to engage sheets located in both of said pockets, a spindle for said friction roller and bearings on the partition sheet for said spindle, the spindle having a part extending outside the wallet whereby the roller can be rotated from the exterior of the wallet selectively to deliver sheets from either pocket thereof according to the direction in which the roller is rotated.

2,130,455
HEAT EXCHANGER
Gordon H. Cain, Chicago, Ill.
Application June 17, 1936, Serial No. 85,814
2 Claims. (Cl. 257—211)

2. A device of the type described comprising a kettle including spaced walls for the circulation of a heating medium therebetween, said spaced walls extending about the sides and bottom of the kettle, the upper end of the kettle being flared outwardly, a heat transfer member positioned inside the kettle, said heat transfer member simulating an inverted V in cross section and comprising spaced walls for the circulation of a heating medium therebetween, said heat transfer member being so positioned with respect to the flared end of the kettle as to provide a V-shaped receptacle for materials to be melted, the base of said heat transfer member being spaced from the inner face of the kettle sufficiently far to permit liquid to pass therebetween but to prevent solids from falling below the member, and means for establishing communication between the spaced walls of the heat transfer member and the spaced walls of the kettle.



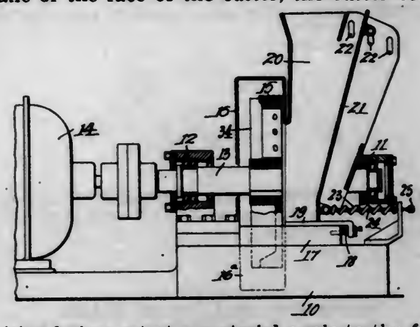
2,130,456
FOLDING SCAFFOLD JACK OR TRESTLE
Olof Engman, Galesburg, Ill.
Application June 4, 1937, Serial No. 146,490
1 Claim. (Cl. 304—5)



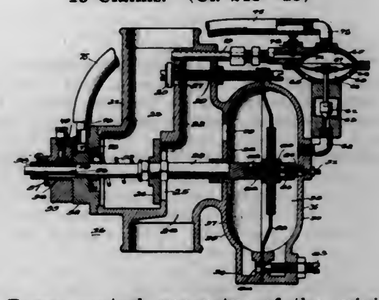
A folding scaffold jack comprising a pair of leg members, a stirrup connecting the upper ends of the leg members, said stirrup embodying members having inwardly extended flanges formed along their longitudinal edges, extensions formed at the lower ends of the flanges, a bolt extending through the extensions pivotally connecting the sections of the stirrup, said flanges adapted to bite into a scaffold bar positioned in the stirrup when pressure is directed thereto, and outwardly extended flanges at the upper ends of the stirrup adapted to rest on the upper ends of the leg members, supporting the weight of the scaffold.

2,130,457
APPARATUS FOR TREATING WOOD
Ernest L. Fickett, William O. Forman, and Charles H. McKay, Fitchburg, Mass., assignors to Fitchburg Engineering Corporation, Fitchburg, Mass., a corporation of Massachusetts
Application October 6, 1936, Serial No. 104,250
8 Claims. (Cl. 144—176)

1. An apparatus for reducing wood to small particles which comprises a rotary cutter having a flat face perpendicular to its axis and a chute arranged to feed rough wood to the cutter with its grain at an acute angle of less than 45° to the plane of the face of the cutter, the cutter comprising knives set at a material angle to the face of the cutter to make long shavings



2,130,458
POWER CONTROL FOR PNEUMATIC CONVEYER SYSTEMS
Herman Busch, Long Island City, N. Y., assignor to Airmatic Systems, Inc., New York, N. Y., a corporation of New York
Application February 29, 1936, Serial No. 66,504
Renewed August 1, 1938
15 Claims. (Cl. 243—15)



1. Power control apparatus of the minimum flow type for a pneumatic conveyer line having a transmission line tube and an exhaust line tube and a main valve between said tubes for controlling carrier propelling air flow through the line, means for establishing a minimum flow of air through the line when the main valve is closed, means for opening the main valve in response to the presence of a carrier in the transmission line, and time controlled means for closing the valve, said response means including a pneumatic with a diaphragm constantly exposed on one side to atmospheric pressure and means for sensitizing it to the presence of a carrier in the transmission line by normally exposing its other side to transmission line pressure, and means for desensitizing said diaphragm after a response including means for establishing atmospheric pressure on said other side of the diaphragm at the end of the opening stroke of the main valve and maintaining the said pressure until the end of the timed closing stroke of said valve.

2,130,459
COLLAR BAR
Herman Cohn, Baltimore, Md.
Application April 27, 1937, Serial No. 139,296
3 Claims. (Cl. 24—81)

1. Collar bar comprising end clamps and an in-

termediate member, said clamps and intermediate member being hingedly connected for relative movement solely about parallel axes, the intermediate member constituting a saddle for upholding a necktie, and a spur on said saddle engaging said necktie.



2,130,460

TREATING CELLULOSIC FIBER

John Gwynant Evans, Blackley, and Sidney Arthur Slater, Stretford, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application March 23, 1936, Serial No. 70,548. In Great Britain March 25, 1935
4 Claims. (Cl. 19—66)

1. The process which comprises treating smooth, staple cellulosic fibers with a solution containing a small amount of colophony, cetyl sodium sulphate, and caustic soda.

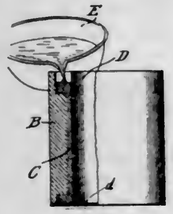
2. Staple cellulosic fibers produced by the process of claim 1.

2,130,461

METHOD OF MAKING BEARINGS

Norman H. Gilman, Indianapolis, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application May 6, 1929, Serial No. 360,899
6 Claims. (Cl. 22—58)



1. The method of forming bearings which consists in heating a steel shell to approximately the melting point of the bronze lining metal, heating the bronze lining metal to a temperature higher than its melting point, depositing said lining metal while so heated upon the surface of the heated shell, permitting the two metals to fuse and then rapidly cooling the same.

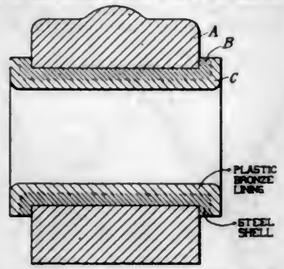
2,130,462

BEARING

Norman H. Gilman, Indianapolis, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Original application May 6, 1929, Serial No. 360,899. Divided and this application November 14, 1931, Serial No. 575,117
9 Claims. (Cl. 308—237)

1. A bearing comprising a shell of steel of a relatively thin and somewhat flexible character



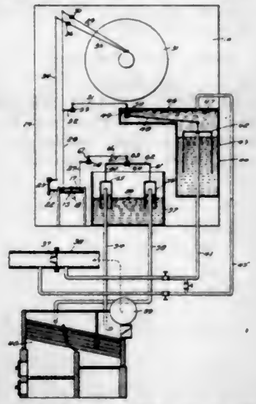
as herein described provided with a lining of plastic bronze fused thereto.

2,130,463

METER FOR STEAM BOILERS

William H. Hoyt, Oyster Bay, N. Y.

Application May 26, 1936, Serial No. 81,904
1 Claim. (Cl. 73—196)



A meter for steam boilers including a dial, an air flow pen thereon, means responsive to steam flow, air flow responsive means responsive to draft pressure variations in the boiler, a pivoted frame, a follower slidably mounted thereon, a cam shaft carried by the frame, a cam on the shaft, a cross bar fixed to the shaft and having the ends respectively connected to the first two named means whereby balanced movement of the steam and air flow responsive means tilts the frame, movement of either the steam flow means or the air flow responsive means changing the position of the cam and means operatively connecting the follower to the air flow pen for actuating the air flow pen when the follower is moved.

2,130,464

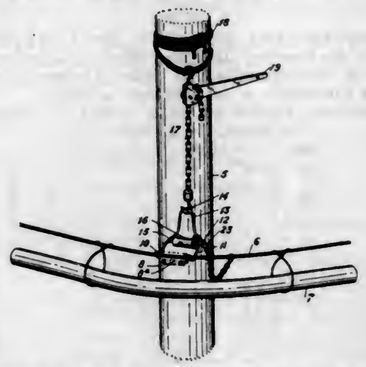
MEANS FOR SHIFTING STRANDS AND CABLES ON POLES

Morris Hendrick Lindon Jacobsen, Guilford, Conn., assignor to American Telephone and Telegraph Company, a corporation of New York

Application July 2, 1937, Serial No. 151,749
3 Claims. (Cl. 254—131)

1. A device for raising and lowering messenger strands and their attached cables on poles, including a lever fulcrumed intermediate its ends on a pole and having a sharply bent portion on one end adapted to engage and hold a strand and

the other end being adapted to have a force applied thereto, the application of said force to said lever causing it to rotate about its fulcrum



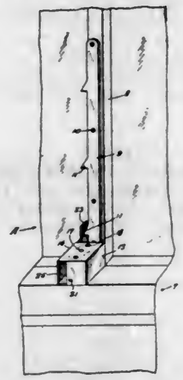
and move its strand-engaging end outwardly to clear the pole and in accordance with the direction of the applied force.

2,130,465

WINDOW SASH FASTENER

Patrick J. Kelly, New Bedford, Mass.

Application June 10, 1937, Serial No. 147,547
2 Claims. (Cl. 292—228)



1. As a component part of a sash retainer of the class described, a substantially box-like casing including upper and lower spaced parallel flanges and a centrally disposed pivot pin, a latch including upper and lower spaced parallel ears pivoted on said pivot pin, said latch having an apertured keeper extension at one end, a spring mounted between said ears and surrounding the pivot pin, having one end anchored on the casing and the opposite end anchored to the intermediate portion of the swingable latch.

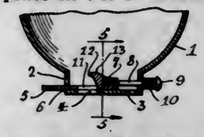
2,130,466

DISCHARGING RECEPTACLE

Gérard Lapierre, Montreal, Quebec, Canada, assignor of one-third to Gabrielle Bernier, Montreal, Quebec, Canada

Application June 17, 1937, Serial No. 148,745
6 Claims. (Cl. 221—62)

1. In a receptacle having a closure on one end, a valve plate slidable on the inner surface of said closure, said closure and plate having each an opening adapted to register one with the other on movement of the plate in the forward direction and to cover one another on movement of the plate in the rearward direction, an



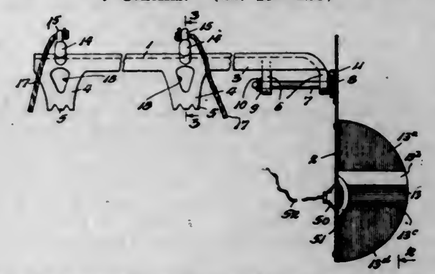
enlargement formed on said plate at the rear end of the opening in said plate, said enlargement having its surface at said rear end of said opening sloping forwardly and away from said closure.

2,130,467

LONGLOAD SIGNAL

John E. MacKay, Cleveland, Ohio

Application September 26, 1935, Serial No. 42,314
7 Claims. (Cl. 40—128)



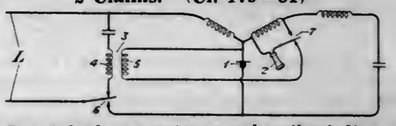
1. In a signalling device of the class described, in combination, a support comprising a body elongated in the direction of length of the projecting member to which it may be attached, combination loop and cleat members carried by said body, tie members engaged with the loop portions of said cleat and loop members and adapted to be wrapped about an object projecting from the body of a vehicle to thereby secure the support thereto, and a signalling member movably mounted upon the support adjacent to one end thereof.

2,130,468

SIGNALING SYSTEM

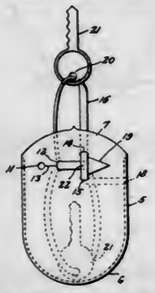
William Hennick Martin, Chappaqua, N. Y., assignor to American Telephone and Telegraph Company, a corporation of New York

Application November 5, 1935, Serial No. 48,364
2 Claims. (Cl. 179—81)



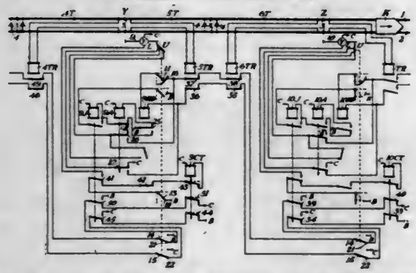
1. In a telephone system a subscriber's line over which alternating signaling currents and talking currents are transmitted, a subscriber's set connected to said line, said subscriber's set comprising a transmitter, a receiver, a set of switchhook contacts, a transformer having its primary winding bridged across said line only when said receiver is on said switchhook, and means for connecting the secondary winding of said transformer in circuit with said receiver only when said receiver is on said switchhook whereby said receiver may be directly and continuously actuated by the signaling currents transmitted over said line.

2,130,469
KEY CONTAINER
John Joseph Nasser, Kingston, Pa.
Application February 9, 1937, Serial No. 124,904
3 Claims. (Cl. 150—40)



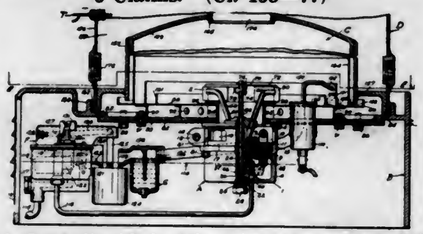
1. A key container of the character described comprising an envelope of relatively flexible material of nonmetallic character having an access opening, a key retaining thong in the form of a loop passing through the opening in a key and having one leg fastened to the interior of the envelope and having its remaining leg fastened to another portion of the envelope, both legs passing through said access opening, the second-mentioned leg of the loop being passed outwardly through holes formed in the side of the envelope, the first leg being passed outwardly through a hole formed in the side of the envelope, then across the second leg and inwardly through a hole formed in said envelope, whereby a portion of said first leg retainingly overlies a portion of the second leg.

2,130,470
RAILWAY SIGNALING
George R. Pflasterer, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application December 11, 1936, Serial No. 115,406
7 Claims. (Cl. 246—50)



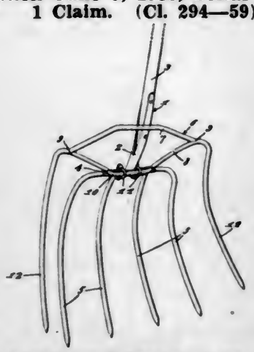
1. In combination, a section of railway track provided with a pair of conductors governed by traffic conditions in said section, means for supplying said conductors with constant energy in one direction or with periodically interrupted energy in said one direction or with constant energy in the other direction in accordance with traffic conditions in advance of said section, a polarized relay for said section receiving energy from said pair of conductors, a first and a second auxiliary relay controlled by said polarized relay, said first relay being picked up whenever said polarized relay is energized either by periodic energy or by constant energy and said second relay being picked up only when said polarized relay is supplied with periodic energy, a four-indication signal for said section, and means controlled by said polarized relay as well as by said two auxiliary relays for controlling said signal.

2,130,471
LIQUID FUEL BURNING APPARATUS
Milton A. Powers, Detroit, Mich., assignor, by mesne assignments, to The Timken-Detroit Axle Company, a corporation of Ohio
Application August 20, 1934. Serial No. 740,698
3 Claims. (Cl. 158—77)



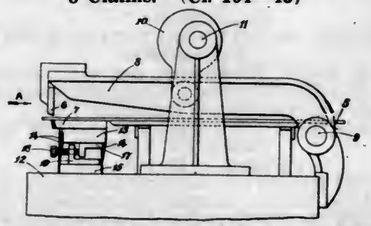
1. In a liquid fuel burning apparatus of the type comprising a combustion chamber closed at the bottom by a substantially horizontal hearth and embodying means for conveying liquid fuel into the chamber and projecting it in liquid form substantially horizontally over the hearth; a fuel impact wall arranged in the path of the projected liquid fuel; means cooperating with said wall to form a gutter for collection of unconsumed fuel; means for removing any excess of unburned fuel from the chamber, said means being in communication with said gutter, and also with the upper hearth surface at a point outside the gutter; and means cooperating with said removing means to stop the liquid fuel projection in response to discharge of a predetermined quantity of unburned fuel from said hearth and said gutter into said removing means.

2,130,472
HAY FORK ATTACHMENT
Harold G. Rorabaugh, Otis, Colo.
Application June 9, 1936, Serial No. 84,343
1 Claim. (Cl. 294—59)



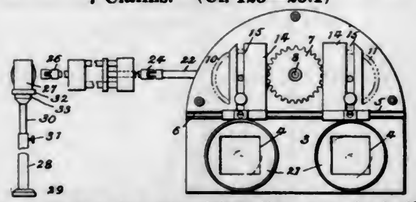
A fork attachment having tines comprising a member embodying a length of material bent intermediate its ends providing a substantially straight central portion adapted to be secured to the head bar of a fork, said tines being spaced from the side tines of the fork with which the attachment is used, the portions of the length of material between the tines and straight portion extending forwardly and being curved upwardly and laterally, an upwardly and forwardly curved bar having its ends connected with the upwardly and laterally curved portions of the attachment, and means for securing the attachment to a fork.

2,130,473
CUTTING DEVICE
Félix Frédéric Ruau, Deptford, London, England, assignor to Molins Machine Company, Limited, London, England
Application August 24, 1936, Serial No. 97,684
In Great Britain September 11, 1935
8 Claims. (Cl. 164—43)



1. A cutting device comprising in combination, a frame, a cutting element, the cutting edge of which is normally disposed substantially in the cutting plane, a further cutting element movable in the cutting plane to cooperate with the other said cutting element, and a yielding support for the first said cutting element, said support being secured to the frame and carrying the cutting element in a manner such that the cutting element so supported yields under pressure exerted by said other cutting element when the two cutting elements are in operative engagement with each other.

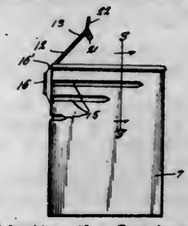
2,130,474
METHOD AND MEANS FOR EYE TREATMENTS
Charles H. Schwaner, Scottsbluff, Nebr.
Application June 13, 1936, Serial No. 85,145
7 Claims. (Cl. 128—25.1)



4. A means for exercising the eyes, including a mounting, lenses having the necessary characteristics to provide an ordinary reading function for the user, slides supporting the lenses, throw bars connected to the slides, and means for selectively operating the throw bars to automatically and continuously move the slides and thereby the lenses to vary the prism effect of the lenses for exercising purposes, the maximum limit of the throw bars being such as to avoid any movement of the lenses during the exercising function which will interfere with the reading function of the lenses.

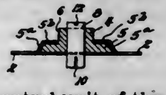
2,130,475
CIGARETTE PACKAGE
James E. Shouse, Louisville, Ky.
Application August 25, 1936, Serial No. 97,805
3 Claims. (Cl. 229—44)

1. A container comprising top, side and end walls, respectively, of relatively stiff flexible material, the top wall having an opening therein, a closure flap for said opening having rear corners hinged to the upper corners of said side walls adjacent one end wall, said end wall having formed integrally therewith an inwardly flexible outwardly reactive button including a top part forming a lever-like rear extension on said flap on the relatively opposite side of the axis of movement of the flap whereby under flexing and re-



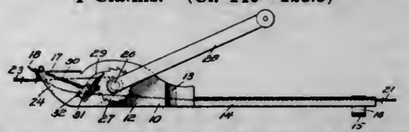
action of said button the flap is swung to opening and closing positions respectively.

2,130,476
DAMPER CONTROL UNIT
Emil O. Young, Cleveland, Ohio
Application August 14, 1936, Serial No. 96,116
3 Claims. (Cl. 116—125)



2. A damper control unit of the class described, comprising a supporting plate having means for attaching the same adjacent to the damper of a flue and provided with a central opening, an integral sleeve and locking disc member the sleeve portion of which passes through said opening and the locking disc portion of which is positioned inwardly of said plate, an adjusting nut threaded upon the sleeve at the portion thereof projecting from the plate and disposed on the outer side of said plate and adapted to adjust the sleeve and locking disc member relatively to the plate, said plate having a pressed out protuberant portion with which the peripheral edge of the disc portion and the outer surface thereof may frictionally engage upon adjustment of said adjusting nut, the walls of said pressed out protuberant portion of said plate and the peripheral edge of said disc being correspondingly tapered whereby said disc may engage the plate with tight wedging effect upon adjustment of said nut inwardly of said sleeve to thereby prevent unauthorized movement of said disc relative to said plate when so engaged.

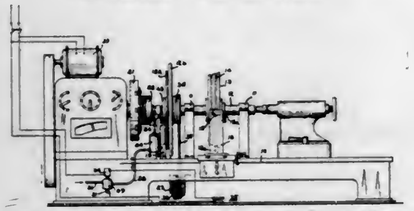
2,130,477
WIRE STRETCHER AND SPLICER
William J. Alexander, Cora, Wyo.
Application June 7, 1937, Serial No. 146,930
4 Claims. (Cl. 140—123.5)



1. A combination wire stretcher and splicer comprising a frame, formed from a pair of spaced parallel side walls, an inverted channel member fixed to and securing said side walls together at one end, a hook member secured to the outer end of said channel member, a plate bridging and secured to the outer ends of said side walls, a pair of prongs extending forwardly from said plate and inclined upwardly to provide a hook for receiving a splicing loop on one wire, said prongs forming a recess therebetween to provide a notch to receive the other wire therein, in forming a splicing loop thereon, and a shaft journaled between said side walls and having means to receive and secure the last mentioned wire thereto,

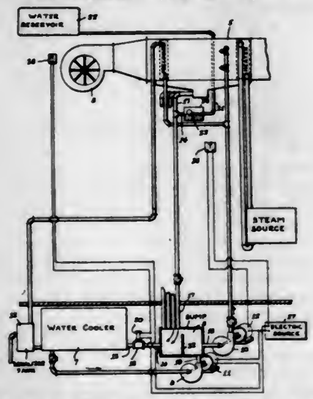
means to rotate said shaft to tighten said wires, and means to releasably hold the shaft against rotation.

2,130,478
MACHINE FOR BLADING TURBINE ELEMENTS
Arthur R. Allard, Drexel Hill, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 21, 1937, Serial No. 121,381
15 Claims. (Cl. 29—23.5)



1. In a machine for blading a turbine element having an undercut groove provided with an entrance for the reception of blading elements, an anvil element arranged to extend into the groove, means constraining said turbine and anvil elements to occupy normally a predetermined relative starting position at which blading elements are inserted into the groove entrance, an energy storage device, means for effecting relative movement of the turbine and anvil elements in a forward direction for storing energy in said energy storage device and for pushing a blading element along the groove and packing it in place in abutment with the immediately preceding assembled blading element, and means for releasing said driving means when said turbine and anvil elements approximately reach the relative position where a blading element is packed against the preceding one and for rendering said energy storage device effective to produce relative movement of the turbine and anvil elements in a return direction to starting position.

2,130,479
AIR CONDITIONING SYSTEM
Samuel M. Anderson, Sharon, Mass., assignor to B. F. Sturtevant Company, Boston, Mass.
Application May 11, 1937, Serial No. 141,959
12 Claims. (Cl. 62—6)

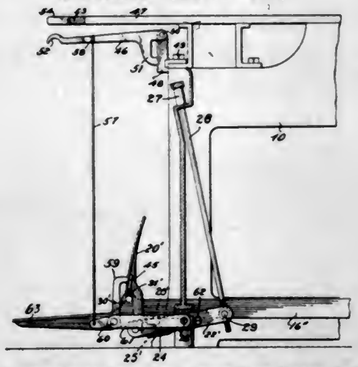


1. An air conditioning system for a passenger vehicle comprising an air cooler, a liquid cooler mounted underneath said air cooler, a liquid sump, a pump connected to said sump and said air cooler for drawing liquid from said sump and for forcing it to said air cooler, and a second pump connected to said water cooler and said sump for drawing liquid from said water cooler and for forcing it into said sump.

2,130,480
PROCESS OF HYDROGENATING 5-NITROPHTHALIDE
Paul R. Austin, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 24, 1935
Serial No. 3,287
2 Claims. (Cl. 260—344)

1. The process for the production of 5-aminophthalide which comprises catalytically hydrogenating 5-nitrophthalide in a liquid state in the presence of an inert solvent with a catalyst consisting of nickel on kieselguhr, while maintaining a temperature of about 100° C. to about 150° C. and under a pressure of about 1000 to about 1500 pounds per square inch, and recovering the 5-aminophthalide formed.

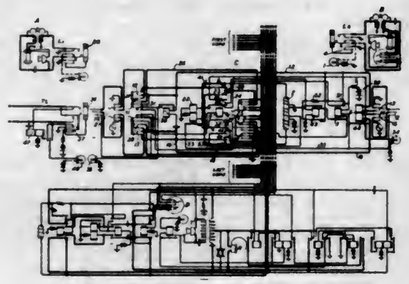
2,130,481
GARMENT PRESSING MACHINE
Herbert G. Beede, Pawtucket, R. I.
Original application August 12, 1931, Serial No. 556,694. Divided and this application March 27, 1935, Serial No. 13,331
5 Claims. (Cl. 74—539)



1. In combination, an operating lever, latching mechanism therefor, comprising a pivoted latch having a portion disposed beside said operating lever, a projection on said lever, means normally urging said portion of the latch into engagement with said projection, said latch having a recess to receive the projection when the lever is moved to close the press, a crank lever adjacent the operating lever and having one end confronting the latch, a hand lever remote from the latch, a connection between said hand lever and crank lever whereby movement of the hand lever will move the crank lever against the latch to release the projection from engagement with the recess.

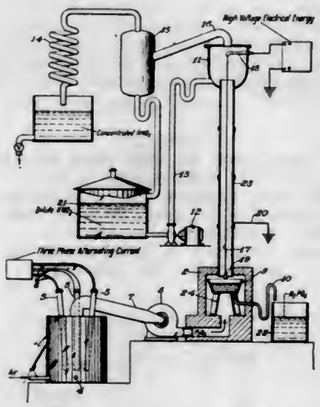
2,130,482
TELEPHONE SYSTEM
Langford J. Bowne, Howard Beach, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application October 29, 1936, Serial No. 108,157
2 Claims. (Cl. 179—41)

1. In a telephone exchange system, a trunk line, a subscriber's line, a cord circuit for interconnecting said lines, said cord circuit being so arranged that either end will function with the subscriber's line, but only one end with the trunk line, means for automatically providing through supervision over said cord circuit when said lines



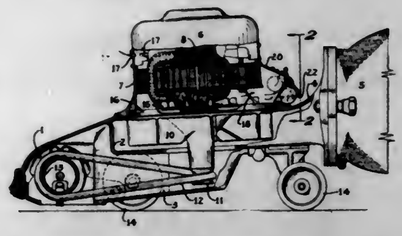
are connected together if the trunk end of the cord is not connected to the trunk until after the other end is connected to the subscriber's line, and means for providing non-through supervision over said cord if the trunk end of the cord is connected to the trunk before the other end is connected to the subscriber's line.

2,130,483
PRODUCTION OF PHOSPHORIC ACID AND CONCENTRATED NITRIC ACID
Benton A. Bull, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application October 23, 1935, Serial No. 46,245
4 Claims. (Cl. 23—160)



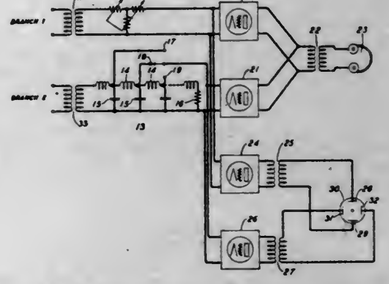
1. The process of concentrating nitric acid, which process comprises causing dilute, aqueous nitric acid to flow in a condition of high surface exposure countercurrent to vaporized phosphorus pentoxide, electrically precipitating said phosphorus pentoxide in said dilute nitric acid and removing the nitric acid vaporized in a substantially dehydrated condition by the heat liberated in the reaction between phosphorus pentoxide and the water in said dilute nitric acid, and subsequently condensing said vapors whereby to produce highly concentrated nitric acid.

2,130,484
SUCTION CLEANER
Stanley R. Cummings, Canton, Ohio, assignor to The Hoover Company, North Canton, Ohio, a corporation of Ohio
Application March 14, 1935, Serial No. 11,024
13 Claims. (Cl. 21—127)



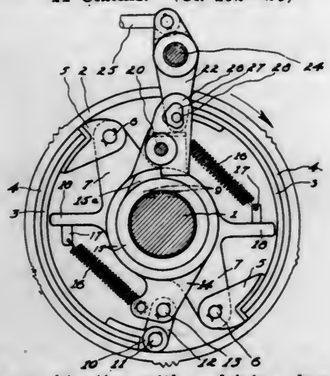
1. In a suction cleaner, suction-creating means including a fan and a driving motor, a motor-cooling fan driven by said motor and adapted to draw clean motor-cooling air only thereover, and an odorizer unit positioned in the pathway of the motor-cooling air only.

2,130,485
DIVERSITY RADIO RECEIVER
Carl B. H. Feldman, Little Silver, and Frank A. Polkinghorn, Montclair, N. J., assignors to Bell Telephone Laboratories Incorporated, New York, N. Y., a corporation of New York
Application June 1, 1936, Serial No. 82,881
7 Claims. (Cl. 250—20)



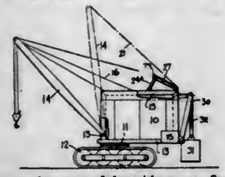
1. In a diversity radio receiving system one branch circuit transmitting voice frequency signals corresponding to radio signals received over one path, a second branch circuit transmitting the same voice frequency signals corresponding to radio signals received over a different path, a common reproducer associated with said two branch circuits, and means for bringing the signals in said two circuits into phase equality while the system is handling traffic, said means comprising an adjustable delay network located in one of said circuits, a cathode ray oscillograph having two pairs of deflector plates, means for deriving from said one circuit a voltage representing a band of frequencies and for impressing said voltage on one of said pairs of plates, and means for deriving from said second circuit a voltage representing the same band of frequencies and for impressing said voltage on the other of said pairs of plates, the condition of phase equality in said two circuits being visually indicated by a narrow band of light on the screen of said oscillograph.

2,130,486
CLUTCH MECHANISM
Edward M. Florcyk, Rockaway, N. J., assignor to Stapling Machines Co., a corporation of Delaware
Application March 11, 1935, Serial No. 10,440
11 Claims. (Cl. 192—26)



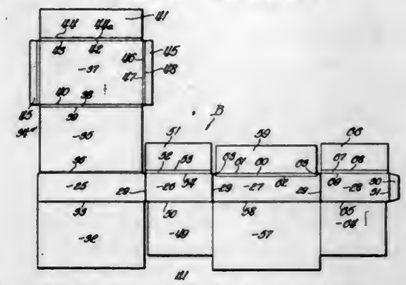
1. In combination with a driving drum and a driven shaft, clutch mechanism comprising a plurality of clutch band segments adapted to be thrust into clutching engagement with the drum, one end of each segment being secured to an arm carried by a collar fixed to the driven shaft and the other end of each segment being secured to a toggle link pivoted to an arm carried by a second collar rotatably mounted on a hub of the first collar, a spring connecting said arms and normally holding the toggle link in extended position to press the segments against the drum, a lug on the second collar, a pivoted trigger adapted to be moved into the path of rotation of said lug and to arrest rotation thereof, and means to control the pivoting movement of said trigger; said controlling means including a rocking lever adapted when rocked in one direction to engage the trigger, move it into the path of rotation of the lug and hold it there, and when rocked in the other direction to release the trigger and permit the lug to pivot the trigger out of the path of rotation of the lug.

2,130,487
CRANE CONSTRUCTION
Thomas A. Foley, Astoria, N. Y.
Application September 14, 1936, Serial No. 100,645
9 Claims. (Cl. 212—49)



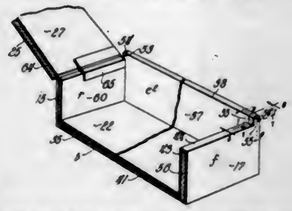
1. In a crane, in combination, a frame, a main boom pivoted for raising and lowering movement, an auxiliary boom, a counterweight supported by said auxiliary boom, means for raising and lowering said auxiliary boom and said main boom, and said means being operable in unison to raise both booms whereby a load on the main boom is counterbalanced by said counterweight of the auxiliary boom, a gantry over which the main boom raising means passes, said means being free of the gantry when the main boom is raised to a certain position, and said gantry being foldable when the said means is free therefrom.

2,130,488
PAPER BOX AND BLANK FOR PRODUCING THE SAME
Nelson E. Funk, Elkhart, Ind., assignor to American Coating Mills, Inc., Elkhart, Ind., a corporation of Indiana
Application August 19, 1937, Serial No. 159,847
14 Claims. (Cl. 229—23)



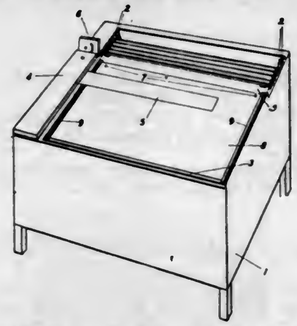
1. A blank for producing a box with an attached lid having front and end members and the lid of hollow double walled construction; said blank comprising two end outer wall members, a front outer wall member and a back outer wall member, joined together end to end in alternate relation with folding creases therebetween; bottom flaps extending from the lower edges of said members with folding creases along said lower edges; inner wall flaps connected to the upper edges of said end and front outer wall members with provision for folding thereof into substantially parallel spaced relation to the inner faces of the associated wall members; an outer lid flap extending from the upper edge of said back outer wall member foldable into position perpendicular thereto; an inner lid flap connected to the front edge of said outer lid flap with provision for folding thereof into spaced substantially parallel relation to the under face of said outer lid flap and for securing said two lid flaps together; and a lid securing flap connected to the back edge of said inner lid flap foldable into substantially parallel relation to the inner face of said back outer wall member.

2,130,489
PAPER BOX AND BLANK FOR PRODUCING THE SAME
Nelson E. Funk, Elkhart, Ind., assignor to American Coating Mills, Inc., Elkhart, Ind., a corporation of Indiana
Application February 18, 1938, Serial No. 191,180
8 Claims. (Cl. 229—23)



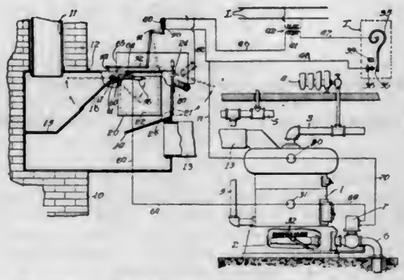
1. In a cardboard box, in combination, a body having front and end members of double walled construction and a back member, said front member being of less height than said end members, and a reinforcing insert comprising front and end elements disposed between the walls of said front and end members, respectively, said end elements of said insert being provided at their upper front corners with projections extending in the plane thereof across said front element with their forward ends flush with the outer face of said front element, said body being provided with tabs covering the forward ends and the inner sides of said projections, the inner and outer walls of said end members being connected at their upper edges by integral spacing elements covering the upper edges of the end elements of said insert, the inner and outer walls of said front member being connected at their upper edges by an integral spacing element covering the upper edge of the front element of said insert between said projections.

2,130,490
DESK FOR AUTOMATIC WRITING BOARDS
Edward J. Gerety, Bronx, N. Y., assignor to The McBee Company, Athens, Ohio, a corporation of Ohio
Application June 4, 1935, Serial No. 24,797
1 Claim. (Cl. 129—16)



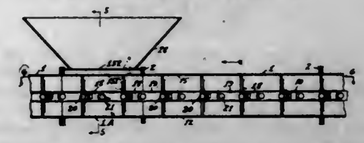
A bookkeeping desk having a flat top, a plurality of compartments opening through said top, master sheet holding platens normally stored therein, plates hinged at one side of the bottom edge of each of the platens, and stops arranged at the upper end of the compartments overlapping the side edges of the platens engageable by the plates to prevent complete withdrawal of the platens from the compartments.

2,130,491
DRAFT CONTROL SYSTEM
Lester L. Gilliland, Blue Island, Ill.
Application October 21, 1935, Serial No. 45,911
10 Claims. (Cl. 158—1)



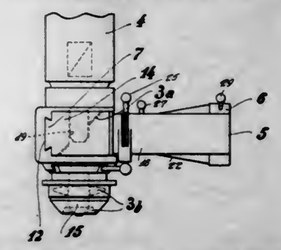
1. A control system for a combustion appliance venting into a chimney, comprising a chamber arranged at the outlet of said appliance and adapted to normally receive the products of combustion from the appliance and conduct them to said chimney, a vent in said chamber, movably mounted means normally biased to close said vent and adapted to open outwardly to spill the products of combustion therethrough when the draft up the chimney is interrupted, and means controlled by outward movement of said vent closing means upon spilling of the products of combustion for shutting down said appliance.

2,130,492
CONVEYER-ELEVATOR
Henry W. Hapman, Detroit, Mich.
Application February 20, 1937, Serial No. 126,797
6 Claims. (Cl. 198—170)



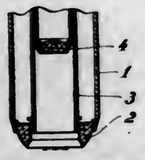
1. A conveyer for transporting material in bulk comprising a closed conduit disposed in a desired circuit and provided with entry and discharge openings, and a conveyer chain operating in said conduit and provided with appropriate driving mechanism, said chain consisting of a series of links connected by transverse pivots and a series of flights resiliently mounted upon said pivots and adapted to sweep the interior of said conduit and to propel material therealong.

2,130,493
ILLUMINATING DEVICE FOR MICROSCOPES
Hermann Heine, Wetzlar, Germany, assignor to Ernst Leitz G. m. b. H., Wetzlar, Germany
Application August 3, 1935, Serial No. 34,590
In Germany August 3, 1934
2 Claims. (Cl. 88—40)



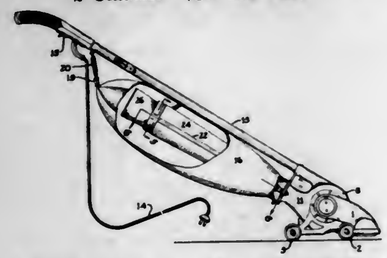
1. In combination in a microscope, a microscope tube, an objective tube in optical alinement with the microscope tube, a condensing lens system surrounding the objective tube, a slide, optical means on said slide for directing incoming light rays downward through the objective tube exclusive of the said condensing lens system, said optical means including a downwardly reflecting glass plate and prism, other optical means on said slide in side by side relation to the said named optical means for directing incoming light rays downward through the said condensing lens system exclusive of said objective tube, said other optical means including a tube and an inclined ring-formed mirror surrounding the same, and means on the microscope for supporting the said slide to move transversely of the optical axis of the microscope whereby to selectively place either the said first named optical means or the said named other optical means in operative optical relation with the optical axis of the said objective tube and condensing lens system and a source of light common to the said named optical means.

2,130,494
RELIEF CONDENSER
Hermann Heine, Wetzlar, Germany, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany
Application August 7, 1936, Serial No. 94,731
In Germany August 12, 1935
2 Claims. (Cl. 88—40)



1. A device for illuminating an object on the surface thereof as well as in planes below its surface whereby to obtain relief effects including an inner tube, an outer tube surrounding the inner tube and spaced therefrom, the opposed walls of said tubes being nonreflecting, a ring condenser supported between said tubes at the lower ends thereof, said ring condenser having an outer spherically curved reflecting surface facing the optical axis of the inner tube for receiving parallel light rays passing downward between the tubes and reflecting the same towards an object in said optical axis for illuminating the said object the rays after reflection being spherically dispersed afocal.

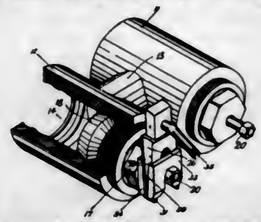
2,130,495
MUFFLER FOR SUCTION CLEANERS
Howard Earl Hoover, Glencoe, Ill., assignor to The Hoover Company, North Canton, Ohio, a corporation of Ohio
Application April 29, 1935, Serial No. 18,779
2 Claims. (Cl. 181—42)



1. A sound-reducing muffler for a suction cleaner and forming a tubular extension of the exhaust outlet of said cleaner, comprising a rigid frame including longitudinally spaced annular frame members and longitudinal frame members extending between said annular members, and a tubular body of sound-absorbing material supported by said frame.

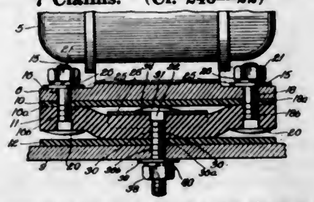
2,130,496
PLUG REMOVING TOOL
Robert K. Hopkins, New York, N. Y., assignor to The M. W. Kellogg Co., New York, N. Y., a corporation of Delaware
Application June 27, 1936, Serial No. 87,685
5 Claims. (Cl. 29—86.1)

1. A plug pulling device of the character described comprising a pair of complementary members having substantially parallel outside faces, a bifurcated wedge member movable between said complementary members having a central slot therein that terminates adjacent the larger end of said wedge member, each of said complementary members having an inside face substantially parallel with the adjacent face of said wedge member and being bifurcated to provide a central slot adapted to register in width with the slot in said wedge member, means adjacent each end of said wedge member limiting



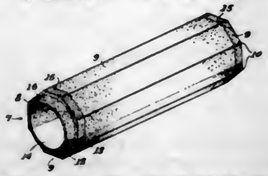
the relative movement between said wedge member and said complementary members, and undercut means in said wedge member and said complementary members to hold said wedge member between said complementary members.

2,130,497
MOTOR MOUNTING FOR EXHAUST FANS AND THE LIKE
Herman C. Hueglin, Chicago, Ill., assignor to Airmaster Corporation, Chicago, Ill., a corporation of Illinois
Application January 8, 1937, Serial No. 119,596
7 Claims. (Cl. 248—22)



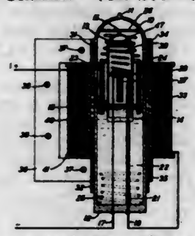
7. In combination, a motor having a base, a support for said motor, upper, intermediate and lower resilient strips interposed between the motor base and said support, a pair of bolts attaching the ends of said intermediate and upper resilient strips to the motor base, a bolt attaching the intermediate and lower resilient strips to the motor support intermediate said first bolts, and interchangeable channel means adapted to be secured by said last bolt in position embracing the intermediate portion of said intermediate resilient strip to provide the desired resilience in said mounting.

2,130,498
POROUS PIPE
Karl Klemschofski, Little Ferry, and Paul Vrane, West New York, N. J.
Application May 8, 1937, Serial No. 141,518
4 Claims. (Cl. 61—10)



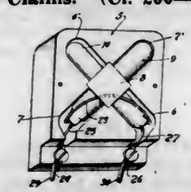
1. Porous pipe composed of substantially equal parts of crushed furnace slag and crushed water soaked gravel mixed with dry cement in proportions of approximately a 4 to 1 ratio of aggregates to cement.

2,130,499
RELAY
Clarence S. Knowlton, Springfield, and Hobart M. Spicer, Ridgewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application April 17, 1936, Serial No. 74,916
7 Claims. (Cl. 200—97)



2. In a relay, a sealed envelope, a solenoid coil, a pool of mercury in said envelope, an annular core within said envelope and floated on said mercury, a tube supported in said envelope having an opening communicating with said pool of mercury and a restricted vent in the upper end thereof, a pair of terminals extending into said tube and insulated from each other, and a float in said tube for bridging said terminals and operable when the mercury rises in said tube in response to the submersion of said core in said mercury upon the energization of said coil.

2,130,500
AUTOMATIC SAFETY SWITCH FOR VEHICLES
Edward D. Lawson, Park Ridge, Ill.
Application August 10, 1935, Serial No. 35,648
6 Claims. (Cl. 200—52)

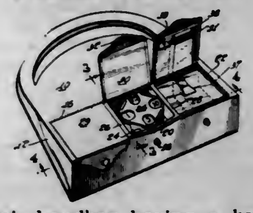


1. A switch of the kind described embodying therein a pair of tubes oppositely inclined from the perpendicular, the tubes being arranged in different vertical planes, means providing a cushion having openings therein through which said tubes extend with a snug fit so as to be supported by said means, a quantity of mercury normally disposed in the bottom end of each tube, and a pair of electrodes associated with each tube and opening thereinto to engage in the mercury in the respective tubes, the electrodes of both tubes being adapted for connection in the circuit to be controlled.

2,130,501
REDUCTION OF CYCLIC ETHERS
Wilbur Arthur Lazier, Marshallton, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 27, 1934, Serial No. 732,657
14 Claims. (Cl. 260—345)

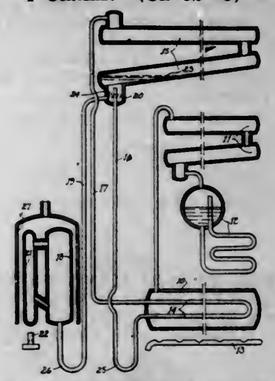
1. Process for the preparation of tetrahydrofurfurane, which comprises bringing an alkyl succinate into contact with hydrogen under a pressure of 200 atmospheres, and at a temperature of approximately 250° C., in the presence of a copper chromite catalyst.

2,130,502
HANDBAG
Gella Lindemann, New York, N. Y., assignor of one-half to Harry N. Wessel, New York, N. Y.
Application September 30, 1937, Serial No. 166,459
2 Claims. (Cl. 150—37)



1. A lady's handbag having a bag body, an outwardly opening compartment built therein with the outer edges of the compartment substantially flush with an outer surface of the bag and one side wall at the bottom of the bag, a carrier for holding segregated groups of like coins, mounted in said compartment, and a cover hinged to the bag body above the compartment and provided with a quick detachable fastener whereby the cover can be opened and the desired coin thereafter extracted with one hand.

2,130,503
REFRIGERATION
Guido Maiuri, London, England
Application July 28, 1938, Serial No. 221,657
In Great Britain February 23, 1937
4 Claims. (Cl. 62—5)

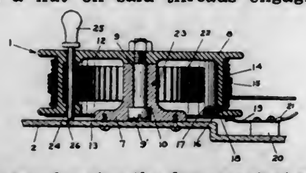


1. An intermittent absorption refrigeration apparatus including a generator-absorber, a vaporizer for cooling said generator-absorber, a condenser connected to said vaporizer and forming therewith a vaporization-condensation circuit for heat transfer fluid, a vessel outside of said circuit but connected thereto, means to heat said vessel to vaporize liquid therein, and said circuit being arranged so that flow of liquid to said vaporizer is controlled by heating of said vessel.

2,130,504
AIRCRAFT STRUCTURE
Joseph L. McClane, Hempstead, N. Y., assignor to Seversky Aircraft Corporation, a corporation of Delaware
Application August 3, 1937, Serial No. 157,200
3 Claims. (Cl. 244—1)

1. In an aircraft, a bracket unitary with the interior periphery of the fuselage, a hollow boss

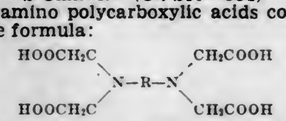
detachably attached thereto and extending substantially horizontally into the cockpit, a bolt seated in said hollow by its head and having its threaded end protruding beyond the uppermost end of said boss, a hollow, flanged electrically non-conductive drum having an open face and a closed face, the closed face having an aperture for receiving the threaded end of the bolt therethrough, a nut on said threads engaging said



closed face and urging the drum against said boss, a flat spring coiled lengthwise in said hollow drum and attached by one end to said boss, a bushing extending transversely through said drum near the periphery thereof, the other end of said spring being bent therearound, and a length of electrically-conductive material wound around said drum and having one end attached at a point on the inner periphery of said drum.

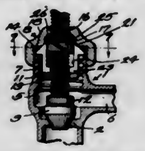
2,130,505
POLYAMINO CARBOXYLIC ACIDS AND PROCESS OF MAKING SAME
Ferdinand Münz, Frankfort-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Original application October 22, 1936, Serial No. 107,020. Divided and this application April 3, 1937, Serial No. 134,737. In Germany October 30, 1935
2 Claims. (Cl. 260—534)

1. Polyamino polycarboxylic acids corresponding to the formula:



wherein R stands for a lower alkylene radicle.

2,130,506
MEANS FOR RESURFACING VALVE SEATS
Edward O'Malley, Chicago, Ill.
Application March 5, 1935, Serial No. 9,445
4 Claims. (Cl. 90—12.5)

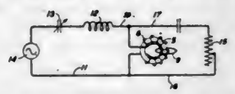


4. In a tool for resurfacing the seats of valves, including the combination of a threaded spindle having a reamer secured at one end adapted to be substituted for the normal valve stem and freely mounting a recessed centering and guiding member adapted to be engaged and immovably held between the normal cap nut and top of the valve casing normally engaged thereby, a feed nut threaded upon the spindle received within said recessed member and having frictional engagement with the cap nut, and a friction washer mounted within the cap nut for engagement with the feed nut to automatically advance the reamer upon the seat upon rotation of the reamer spindle in one direction.

2,130,507
HIGH MOLECULAR WEIGHT ISO-OLEFINE POLYMERS AND PROCESS OF PRODUCING THE SAME
Michael Otto and Martin Mueller-Cunradi, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Original application July 21, 1932, Serial No. 623,812. Divided and this application April 2, 1935, Serial No. 14,273. In Germany July 25, 1931
7 Claims. (Cl. 260—2)

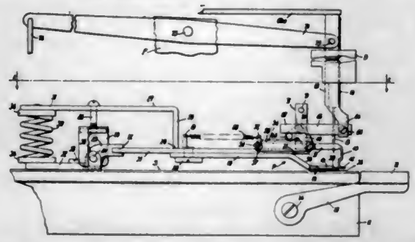
1. The process of producing a high molecular polymerization product of an iso-olefine which comprises polymerizing an iso-olefine in the presence of a volatilizable inorganic halide polymerization catalyst while continuously maintaining the temperature of the reaction mixture below 10° below zero C. throughout the reaction period.

2,130,508
INDUCTANCE DEVICE
Eugene Peterson, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application April 29, 1937, Serial No. 139,662
5 Claims. (Cl. 172—281)



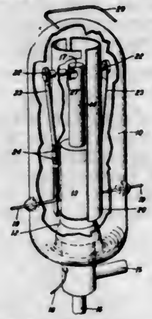
5. An inductance device comprising a core having a substantially closed magnetic path, a multiturn primary winding surrounding said core, a conductor forming a short-circuited winding surrounding said core, and a tape of magnetic material spirally wrapped around a portion of the length of said conductor with a substantial overlapping of the turns of said tape, said tape being insulated from said conductor.

2,130,509
SEWING MACHINE
Oscar Regen, Brooklyn, N. Y., assignor to O. Regen Manufacturing Co., Inc., New York, N. Y., a corporation of New York
Application September 16, 1936, Serial No. 100,977
19 Claims. (Cl. 112—104)



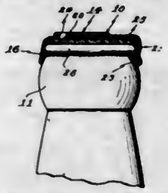
1. A mechanism for securing to a fabric a separately formed article having a plurality of plies, such as a bow or like adornment for the sweat-band of a hat; said mechanism comprising means for holding said article in juxtaposition with said fabric when assembled therewith; means, co-ordinated with said holding means, for retracting an overlying ply of said article to expose a ply to be secured to said fabric; and means for securing said exposed ply to the underlying fabric.

2,130,510
ELECTRON DISCHARGE DEVICE
Arthur L. Samuel, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 30, 1937, Serial No. 151,093
13 Claims. (Cl. 250—27.5)



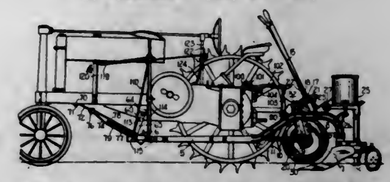
1. An electron discharge device comprising an enclosing vessel, an anode, an elongated cathode in cooperative relation with said anode, and magnetic members within said vessel and adjacent the ends of said cathode.

2,130,511
BOTTLE CAP
Samuel D. Selwyn, Chicago, Ill.
Application August 9, 1937, Serial No. 158,034
2 Claims. (Cl. 215—46)



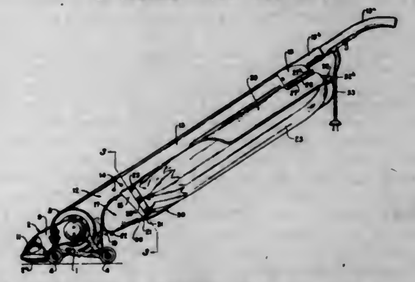
2. A closure cap comprising a lower cap part including a disc-like body adapted to fit upon the top of the neck of a bottle or analogous container and having a slit or opening formed therein, said lower cap part including a depending and corrugated skirt formed integrally with the said body thereof and having an opening formed therein continuous with the said opening in the said body of the said lower cap part, said closure cap also including an upper cap part having a portion adapted to fit over at least a portion of the said disc-like body of the said lower cap part so as to close the said slit or opening in the said body of the latter, the said upper cap part also including a depending and corrugated skirt formed integrally with the said portion thereof and adapted to close the said opening in the said skirt of the said upper cap part when the said closure cap is in use, and the said skirt of the said upper cap part having means formed thereon engaging with the said skirt of the said lower cap part so as to hold the said upper and lower cap parts together when the said closure cap is in use, said means consisting of a pair of lugs formed on the said skirt of the said upper cap part and the said lugs being engageable under the said skirt of the said lower cap part, and between the latter and the neck of a bottle or analogous container, and at opposite sides of the said opening in the said skirt of the said lower cap part, when the said closure cap is in use.

2,130,512
LISTER
Walter H. Silver, Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois
Application October 8, 1934, Serial No. 747,261
Renewed March 26, 1937
47 Claims. (Cl. 97—47)



1. The combination with a tractor, of an implement comprising a pair of laterally spaced beams, ground working tool means supported adjacent the rear portion of each beam and adapted for simultaneous operation, means connecting the front portion of said beams with the tractor whereby said beams may swing laterally and may rise and fall relative to the tractor, gauge means disposed between said tool means substantially centrally of the tractor for gauging the depth of operation of said tool means, and means for causing said tool means and associated beams to take parallel positions with respect to each other when both tool means are in operation and to tilt angularly laterally with the tractor while retaining their parallel positions.

2,130,513
SUCTION CLEANER
Donald G. Smellie, Canton, Ohio, assignor to The Hoover Company, North Canton, Ohio, a corporation of Ohio
Application December 18, 1936, Serial No. 116,515
4 Claims. (Cl. 183—52)

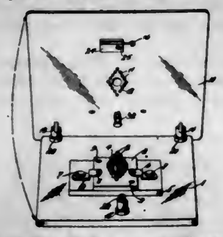


4. In a suction cleaner, the combination of a fan casing having an exhaust outlet, a hollow handle connected with said outlet and forming an exhaust passage, a filter bag mounted beneath said handle and having an inlet adjacent its upper end connected with an outlet opening from said exhaust passage, a supporting member adjacent the lower end of said handle for detachably supporting the adjacent portion of said filter bag and a frame having hinged connection with said supporting member and extending lengthwise of said handle below said bag.

2,130,514
DIE
William J. Sullivan, St. Louis, Mo., assignor to Independent Die and Supply Company, St. Louis, Mo., a corporation of Missouri
Application August 13, 1936, Serial No. 95,828
8 Claims. (Cl. 164—93)

1. A die of the kind described comprising, a

base, a cutting element mounted upon the base, compressible posts carried by the base, and a



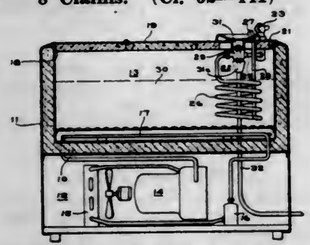
stripper plate hinged to some of said posts and releasably connected to another of said posts.

2,130,515

COOLING APPARATUS

Elo Carl Tanner, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application August 28, 1935, Serial No. 38,171
8 Claims. (Cl. 62—141)



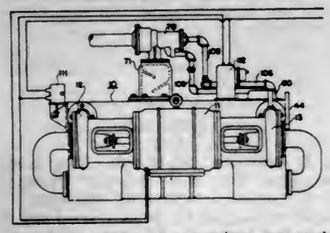
1. In refrigeration apparatus, the combination of a beverage cabinet embodying a beverage storage compartment having an access opening therein, closure means for said access opening, a cooling vessel for draft liquid inserted into said beverage storage compartment, means for abstracting heat from said beverage storage compartment and the beverage therein, said means being mounted in said beverage compartment independently of said closure, a member supporting said draft liquid cooling vessel in said cabinet and forming a portion of said closure means, and a connection for conveying cooled liquid from said draft liquid cooling vessel to an accessible portion at the exterior of said cabinet, said cooling vessel, supporting member and connection being removable from said cabinet as a unit.

2,130,516

PUMPING APPARATUS

David T. Williams, Larchmont, N. Y.

Application November 20, 1936, Serial No. 111,756
14 Claims. (Cl. 103—6)



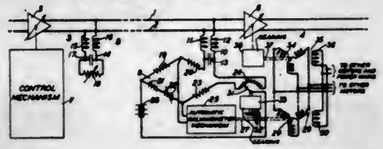
1. A fluid pumping apparatus comprising an inlet adapted for connection with the return main of a fluid circulating system, a fluid receiving chamber having outlets for gas and water, individual passageways for the flow of liquid and gas, respectively, from said inlet to said chamber, and means for producing a vacuum at said inlet while maintaining said chamber at atmospheric pressure to effect the flow of fluid through said passageways from said return main to said chamber while permitting the flow of gas through one of said outlets to the atmosphere.

2,130,517

GAIN CONTROL CIRCUITS

Ira G. Wilson, Brooklyn, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application May 28, 1937, Serial No. 145,208
10 Claims. (Cl. 178—44)



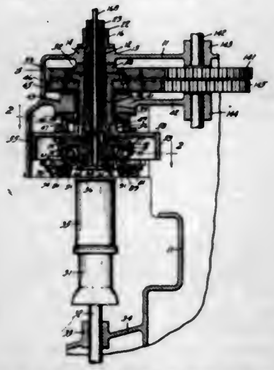
1. In a signal transmission line having an attended gain control station and an unattended gain control station thereon, a gain control path extending between said stations, gain control means in the line at the unattended stations, means controlled by the resistance variations of said path to govern said gain control means, and means located at said attended station for controlling said path to govern the setting of said gain control means.

2,130,518

SEAMING HEAD

Neils P. Bach, Geneva, N. Y., assignor to American Can Company, New York, N. Y., a corporation of New Jersey

Application September 3, 1935, Serial No. 39,078
9 Claims. (Cl. 113—24)



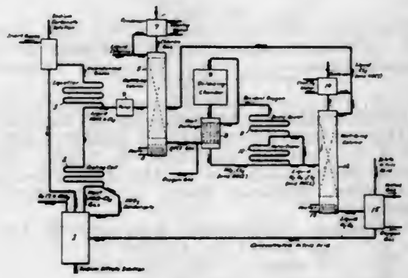
1. In a seaming head for uniting can covers to can bodies, the combination of a seaming roller arm, a seaming roller on said arm for interfolding parts of a said can and cover, a cam roller arm associated with said seaming roller arm, a cam roller on said cam roller arm, a cam track for guiding said cam roller and said seaming roller around a path coincident with the contour of said can and cover, means for adjusting said seaming roller arm relative to said cam roller arm for axially aligning said rollers, and adjusting means for shifting said cam roller in said cam track for moving said arms laterally as a unit relative to said can and cover for effecting a like relative lateral movement of said seaming roller while maintaining its axial alignment with said cam roller.

2,130,519

PROCESS FOR TREATING MIXTURES OF NITROSYL CHLORIDE AND CHLORINE

Herman A. Beekhuis, Jr., Petersburg, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y., a corporation of New York

Application November 1, 1933, Serial No. 696,138
7 Claims. (Cl. 23—102)



1. The process for the treatment of a gas containing nitrosyl chloride and chlorine which comprises cooling the gas to condense therefrom a liquid mixture of nitrosyl chloride and chlorine, introducing the liquid mixture into a fractionating column in which the liquid mixture is passed in contact with vapors of nitrosyl chloride to vaporize the chlorine and separate it from the nitrosyl chloride, thus purified nitrosyl chloride is withdrawn from the column, the vaporized chlorine is refluxed with a condensate of liquid chlorine to purify the vapors of nitrosyl chloride and chlorine thus freed from nitrosyl chloride is passed out of the column, mixing with oxygen the nitrosyl chloride separated from admixture with the chlorine, heating the mixture of oxygen and nitrosyl chloride to a temperature at which nitrosyl chloride is oxidized to nitrogen peroxide and chlorine, cooling the reaction products from the oxidation of the nitrosyl chloride to condense therefrom a liquid mixture of nitrogen peroxide and chlorine, introducing this liquid mixture into a second fractionating column in which the liquid mixture is passed in contact with vapors of nitrogen peroxide to vaporize the chlorine and separate it from the nitrogen peroxide, thus purified nitrogen peroxide is withdrawn from the column, the vaporized chlorine is refluxed with a condensate of liquid chlorine to purify the chlorine of nitrogen peroxide, and chlorine thus freed of nitrogen peroxide is passed out of the column.

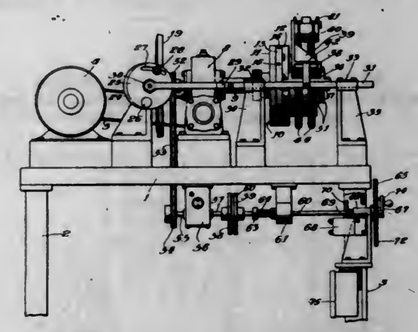
2,130,520

FRICTION ELEMENTS

Chris Bockius, Stamford, Conn., and Judson A. Cook, Haledon, N. J., assignors to Raybestos-Manhattan, Inc., Passaic, N. J., a corporation of New Jersey

Application November 20, 1935, Serial No. 50,802
5 Claims. (Cl. 154—1)

3. A device for making endless wound friction facings comprising in combination, a frame, a shaft mounted upon said frame, a form mounted upon said shaft, means for rotating said shaft to wind an asbestos strand upon said form, means for guiding said asbestos strand to said form, and means synchronized with the movement of said shaft and form for reciprocating said guiding means a plurality of times for each revolution of said form, said reciprocating means comprising an eccentric, means for driving said eccentric from said shaft, and a slidable member operatively connecting said eccentric and said strand guiding means.

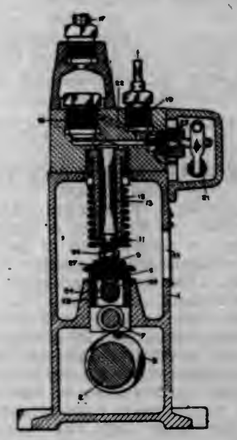


2,130,521

PUMP

Anton Brunner, Munich, Germany, assignor to Friedrich Deckel, Munich, Germany

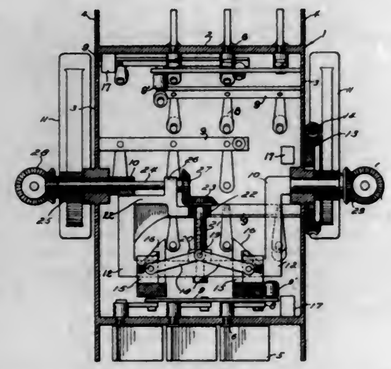
Application May 10, 1933, Serial No. 670,265
In Germany May 14, 1932
9 Claims. (Cl. 103—38)



1. A fuel pump for internal combustion engines, comprising a cam shaft, a plurality of cams on said shaft, a plurality of cam followers, one associated with each cam and normally moved thereby during rotation of said cam shaft, each of said cam followers having an opening therethrough, a plurality of pump plungers, one operated by each cam follower, a rotatable regulating shaft substantially parallel to said cam shaft and passing through said openings in all of said followers, and a plurality of eccentric

means on said regulating shaft, one serving as a stop for each cam follower to limit motion of the cam follower in a direction toward its associated cam, so that by turning said regulating shaft, the strokes of said cam followers and consequently of said pump plungers may be varied.

2,130,522
PADDLE WHEEL
Michael J. Byrne, Waterville, Maine
Application July 27, 1936, Serial No. 92,918
4 Claims. (Cl. 170—154)



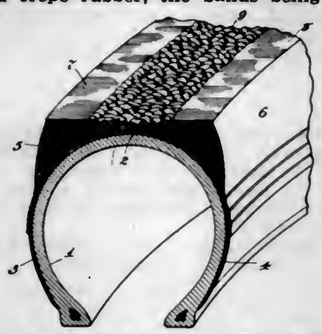
1. In a paddle wheel, a closed drum forming the body portion of the wheel and rotatably mounted, a plurality of radially disposed blades mounted in the circumferential part of the drum for swinging movement into and out of angular relation to the median plane of the drum, mechanism in said drum operative as an incident to rotation of the latter to swing said series of blades into angular relation, and a pump mechanism in said drum and operative from the circumferential face of said drum for discharging water from the latter.

2,130,523
LINEAR POLYAMIDES AND THEIR PRODUCTION
Wallace H. Carothers, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 2, 1935, Serial No. 181. Renewed September 27, 1937
20 Claims. (Cl. 260—124)

1. A process which comprises heating a member of the group consisting of dibasic carboxylic acids and their amide-forming derivatives with an organic diamine whose amino nitrogens carry at least one hydrogen atom and are attached to carbon atoms which are in turn attached to other atoms by single bonds only, the reactants being selected such that the sum of their radical lengths exceeds eight.

2,130,524
NONSKID TIRE
Ernest Clark, East Orange, N. J.
Application July 8, 1936, Serial No. 89,493
2 Claims. (Cl. 152—209)

1. A tire having a tread portion provided at its side edges with circumferential bands of hot vulcanized compounded rubber, and provided at a point intermediate its side edges with a circumferential band composed of substantially uncompounded crepe rubber, the bands being united



with each other and with the tire body by hot vulcanization.

2,130,525
HYDROXY ALKYL ETHERS OF HYDROGENATED HYDROXY DIPHENYL COMPOUNDS
Gerald H. Coleman and John W. Zemba, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application February 20, 1937, Serial No. 126,808
12 Claims. (Cl. 260—150)

2. A compound having the formula:

$$R—O—(C_nH_{2n})—OH$$

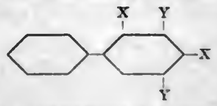
wherein n is an integer from 2 to 4, inclusive, and R represents an hydrogenated hydroxy-diphenyl residue selected from the class consisting of the cyclohexyl-phenyl, phenyl-cyclohexyl, and cyclohexyl-cyclohexyl radicals and analogues thereof containing substituents non-reactive with acids and alkalies in the etherification reaction.

2,130,526
DIPHENYL HYDROXY ALKYL ETHERS
Gerald H. Coleman and John W. Zemba, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application February 20, 1937, Serial No. 126,809
8 Claims. (Cl. 260—150)

1. An hydroxy-alkyl ether of an hydroxy-diphenyl compound having attached to one of the benzene rings at least one substituent selected from the class consisting of the alkyl, aralkyl, alkyloxy, and halogen groups, and in which the alkyl residue of the hydroxy-alkyl radical contains at least 2 carbon atoms.

2,130,527
HYDROXY-ALKYL ETHERS OF HYDROXY-DIPHENYL COMPOUNDS
Gerald H. Coleman and John Zemba, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application February 23. 1937, Serial No. 127,176
11 Claims. (Cl. 260—150)

1. A compound having the formula:

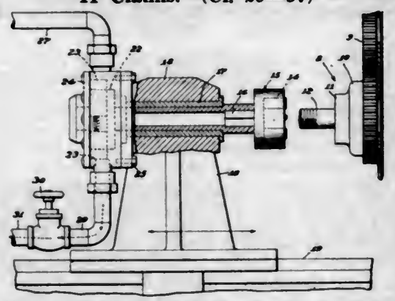


in which one Y represents a substituent selected from the group consisting of chlorine, bromine, and an alkyl radical containing from 1 to 8 carbon atoms, inclusive; the other Y represents a substituent selected from the group consisting of hydrogen, chlorine, bromine and an alkyl radical containing from 1 to 8 carbon atoms, inclusive; one X represents hydrogen; and the other X represents a hydroxy-alkoxy radical having the formula:

$$—O—\underset{R}{CH}—\underset{R}{CH}—OH$$

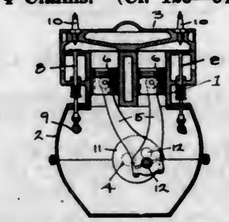
wherein each R represents a substituent selected from the group consisting of methyl and hydrogen, and the sum of the carbon atoms in the hydroxy-alkoxy radical is not greater than 3.

2,130,528
TOOL CUTTING MACHINE EQUIPPED WITH RESISTANCE MECHANISM
Harold W. Alexander, Victoria, British Columbia, Canada
Application October 2, 1937, Serial No. 167,043
11 Claims. (Cl. 29—57)



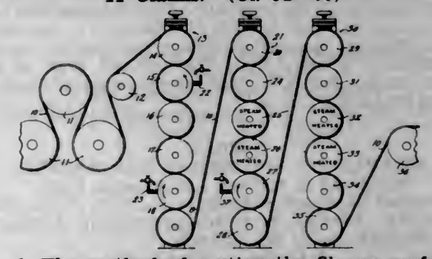
1. In combination, a tool cutting member and a work member, one said member being adapted to engage the other, one said member being driven by the other when they are in engagement with each other, and operable resistance mechanism connected to said driven member adapted upon actuation to variantly retard the movement of said driven member during the cutting operation.

2,130,529
INTERNAL COMBUSTION ENGINE
August A. Filicky, San Francisco, Calif.
Application March 17, 1937, Serial No. 131,382
4 Claims. (Cl. 123—54)



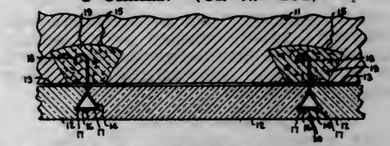
3. The combination with an internal combustion engine having plural pairs of parallel cylinders each of the cylinders of each pair lying opposite each other on a transverse plane at right angles to and on each side of the center line of the engine crank shaft; pistons slidably mounted in said cylinders; a crank shaft journaled lengthwise of and eccentrically between and beneath the pairs of parallel cylinders having a pair of eccentric and offset throws approximately opposite each pair of cylinders; and a rod having a right angle and laterally offset bend connecting each piston with one of the opposite throws whereby the respective pistons will move in approximately corresponding positions in the pair of cylinders during the reciprocative movements of said pistons.

2,130,530
COATING OF FIBROUS SURFACES
John Fletcher, Kenmore, N. Y., assignor to Plastergon Wall Board Company, Buffalo, N. Y., a corporation of New York
Application October 5, 1935, Serial No. 43,738
11 Claims. (Cl. 91—70)



1. The method of coating the fibrous surface of a sheet-like object, which comprises pre-wetting said surface with water, applying to the said wet surface a coating of a water dispersion of a nitrocellulose lacquer containing a solvent for the nitrocellulose, then exposing the coated object to a drying, humid atmosphere sufficient to eliminate the solvent without substantial elimination of the water and deposit the nitrocellulose lacquer solids on said surface, and then drying the object to remove the water.

2,130,531
STRUCTURAL ANCHOR
Alfred F. Arand, Cincinnati, Ohio
Application August 14, 1936, Serial No. 96,091
3 Claims. (Cl. 72—101)

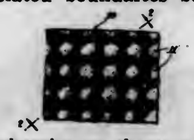


1. In combination with a wall, recesses in said wall, glass panels, an anchor provided with a formed head, a shank extending from said head having a bent end cemented in said recess, said panels provided with cooperating grooves for the head of said anchor, whereby upon joining said panels said anchor holds adjoining panels with the front edges of said panels tightly abutting each other.

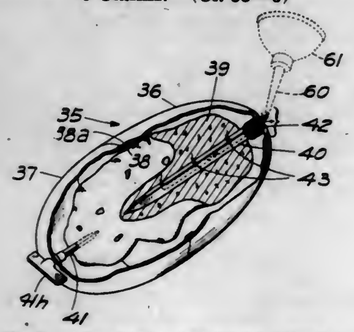
2,130,532
ELECTRICAL CONDENSER
William M. Bailey, White Plains, N. Y., assignor to Dubilier Condenser Corporation, New York, N. Y., a corporation of Delaware
Application January 16, 1933, Serial No. 651,969
6 Claims. (Cl. 175—315)

1. An electrolytic condenser foil electrode containing a multiplicity of small closely spaced indentations in a retiform arrangement extending across the face of the electrode, adjacent indentations having common boundary portions in the

electrode narrower in width than the width of the indentations, the boundaries of the indentations being merged to form a screen network on the electrode, each indentation emerging from the small individually bounded areas defined by the screen network, the surfaces of each indentation and associated boundaries being substantially smooth whereby no sharp portion thereof may pierce an adjacent soft layer, a dielectric film conforming to the contour of the multiplicity of indentations and boundaries thereof to provide an effective capacitive surface for the foil substantially greater than the surface area of a smooth flat foil of the same dimensions of length and breadth.

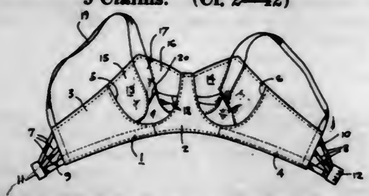


2,130,533
METHOD OF AND MEANS FOR BAKING
Raymond L. Barton, Los Angeles, Calif.
Original application January 19, 1935, Serial No. 2,461. Divided and this application January 29, 1937, Serial No. 123,038
6 Claims. (Cl. 53—6)



4. That method of cooking an edible containing moisture which consists in subjecting the edible to heat while placing the interior of the edible in communication with air free from the moisture of the edible.

2,130,534
BRASSIÈRE
Joseph R. Bowen, Los Angeles, Calif., assignor, by mesne assignments, to Hollywood-Maxwell Company, a corporation of California
Application May 10, 1937, Serial No. 141,701
5 Claims. (Cl. 2—42)

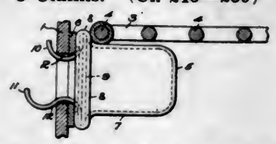


1. In a brassière, a pair of breast cups, each of said cups being formed with a substantially vertical band of thin material passing over the apex of the cup, there being a transverse seam across the band and neighboring the apex of the cup.

2,130,535
EMULSION AND PROCESS FOR PRODUCING SAME
Ulric B. Bray, Palos Verdes Estates, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California
No Drawing. Application April 13, 1934, Serial No. 720,488
8 Claims. (Cl. 106—31)

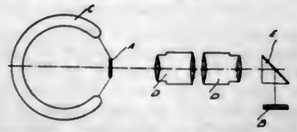
1. A process for producing an asphaltic composition adapted for paving roads which comprises mixing a liquefied asphalt with water containing only a sufficient amount of alkali to produce a water continuous emulsion, mixing said water continuous emulsion with an agent adapted to convert said emulsion to one of the oil continuous type and subsequently mixing said oil continuous emulsion with aggregate.

2,130,536
SHELF SUPPORT
Raymond O. Chaffee, Belmont, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts
Application December 14, 1935, Serial No. 54,497
3 Claims. (Cl. 248—239)



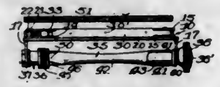
3. An article of manufacture including a tubular portion and a flanged base portion at one end of said tubular portion and an attaching member for securing said article to a supporting structure, said attaching member having a base plate assembled with said flanged base portion, and a pair of yieldable arms extending beneath said base plate, said arms being integrally joined to opposed ends of said base plate and each of said arms having a portion extending beneath said plate in substantially parallel relation thereto and a portion extending downwardly in angular relation to said plate, the downwardly-extending portion of one of said arms having a hooked formation and adapted for hooking engagement with the walls surrounding an aperture of a supporting structure and the downwardly-extending portion of the other of said arms having a shoulder means for spring engagement with said walls whereby said arms may cooperate to secure said article to said supporting structure.

2,130,537
ARRANGEMENT FOR COPYING LENTICULAR FILMS
André Dervieux, Paris, France, assignor, by mesne assignments, to Henry Lymne Walker, Paris, France
Application February 6, 1936, Serial No. 62,677
In Great Britain February 14, 1935
3 Claims. (Cl. 88—24)



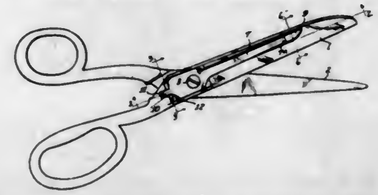
1. An arrangement for copying lenticular film having a source of light for illuminating the original film, said light being distributed over a wider angle than the angular aperture of the lenticular elements of the film to effect substantially uniform illumination of the exit pupil of each lenticular element, said source of light being in an arc exceeding 180° and being disposed approximately in the plane perpendicular to the said lenticular elements so that the strength of the rays over a considerable range is proportional to the obliquity of incidence on the film, a film gate for the original film, and an image-forming optical system for projecting the image on the copy film.

2,130,538
HAIR TENSOR
Judd E. Edwards, Belvidere, and William H. Noble, Evanston, Ill., assignors, by mesne assignments, to Master Grip-O-Matic, Inc., Belvidere, Ill.
Application May 29, 1936, Serial No. 82,664
24 Claims. (Cl. 132—33)



1. In a hair waving apparatus, a hair clamp composed of three members only, two clamping members hinged to each other, and an eccentric cam pivoted directly on one of said members and pressing the other member toward clamping position when said cam is in one rotative position with a portion of said other member between it and said first mentioned member, and providing a clearance between itself and the free end of said other member in another rotative position, whereby said clamping member may be swung to open position and also back again to clamping position past said cam.

2,130,539
SHEARS
David C. Feather, Portland, Oreg., assignor to N. and F. Corporation, Portland, Oreg., a corporation of Oregon
Application February 10, 1937, Serial No. 125,071
4 Claims. (Cl. 30—268)

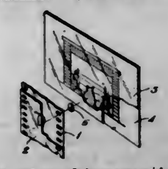


2. Shears and the like, comprising a pair of pivoted blades adapted to be closed together for cutting material, a pivot screw for maintaining said blades in pivotal relation, said screw forming a bearing for one of said blades, a tension member mounting one of said blades for applying tension to said shears, and a bearing for said tension member, said bearing being in the nature of a sleeve loosely fiting said pivot screw, the ends of said tension member extending radially from said bearing and floatingly bearing upon the shear blade at points separated by approximately two-thirds the length of the blade, a portion of said tension member bearing upon said blade at a point in substantial alignment with the cutting edge of said blade to rockably urge the cutting edge into cutting relation with the other blade.

2,130,540
ANHYDROUS LUBRICANT
Marcellus T. Flaxman, Wilmington, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California
No Drawing. Application November 4, 1935 Serial No. 48,110
2 Claims. (Cl. 87—9)

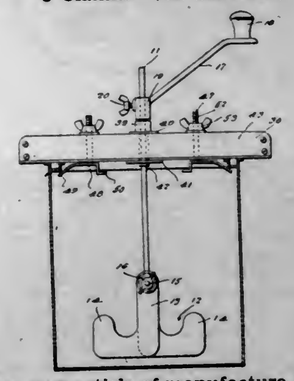
1. An anhydrous lubricant comprising roughly 50% of petroleum lubricating fractions at least about as heavy as light lubricating oils, a quantity of unsaponified liquid fat approximating one-fourth of the composition, between about 10% and 25% of a soap of a liquid fat producing a non-emulsifying grease, and a small proportion in the order of a few percent of a normally solid fatty acid material to insure retention of the soap.

2,130,541
ART OF MAKING MOTION PICTURE CARTOONS
Max Fleischer, New York, N. Y.
Application December 14, 1936, Serial No. 115,774
8 Claims. (Cl. 88—16)



1. The method of making motion picture cartoons which includes making a series of drawings of an animated foreground figure with a circumscribed outline substantially black upon a substantially white surface, photographically making transparent positives of said drawings on a strip of motion picture film with said outline on said positives substantially opaque and positioning said positive film in front of and in contact with a strip of unexposed motion picture film in a camera; superimposing a separate sheet of transparent material upon each of said series of drawings and rendering the portion of said sheet appearing within the outline of said drawing opaque to and reflective of light, successively positioning said transparent sheets in front of a background, and successively photographing said sheets and said background through successive of said positives upon said strip of unexposed film in the camera.

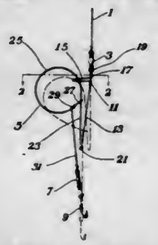
2,130,542
PAINT MIXER
Fred M. Giddings, Galesburg, Ill.
Application December 6, 1937, Serial No. 178,374
3 Claims. (Cl. 259—107)



1. As a new article of manufacture, and a com-

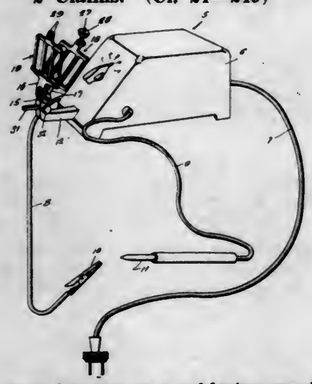
ponent part of an assemblage of the class described, an agitator unit comprising a supporting and rotating shaft and a pair of duplicate agitator blades detachably and adjustably mounted on said shaft, each blade flat with its portions all in the same plane and including a shank portion, and a laterally directed terminal end portion as described.

2,130,543
AUTOMATIC FISHING LEADER
Henry George Grelle, New Orleans, La.
Application January 24, 1938, Serial No. 186,703
6 Claims. (Cl. 43—34)



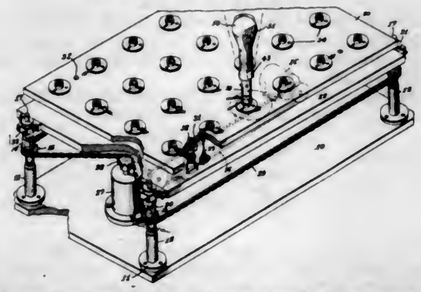
1. An automatic fishing leader adapted to connect a fishing line with a fish hook comprising a V-shaped member having the end of the first leg adapted to be secured to said line and having the end of the second leg continued to form a resilient loop, means for slidably attaching one end of said loop to said second leg, and means for securing said loop to said hook whereby the base of said V-shaped member acts as a stop for said securing means when said hook is pulled against said line.

2,130,544
ELECTRIC SOLDERING MACHINE
Paul J. Greulach, Fort Wayne, Ind.
Application October 8, 1936, Serial No. 104,694
2 Claims. (Cl. 24—249)



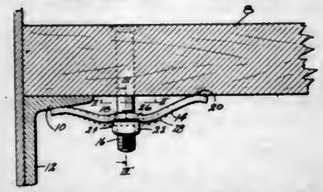
2. A clamp for use on a soldering machine including a pair of rectangular frame-like clamping jaws pivotally connected together for relative adjustment into and from opposed clamping relation, each jaw comprising a pair of upper and lower bars, respectively, and a plurality of parallel transverse bars spaced apart and extending between the upper and lower bars, the transverse bars in each jaw opposing those in the other in side-by-side position in the clamping relation of the jaws, the transverse bars in one jaw being resilient and flexible and those in the other jaw being rigid, the resilient flexible bars being normally bowed toward the rigid bars and the latter being corrugated, and cooperating devices on said jaws for securing the same together in clamping relation.

2,130,545
AGITATING APPARATUS
Walter N. Heath, Rockport, Mass., assignor to Birdseye Electric Corporation, Dover, Del., a corporation of Delaware
Application October 20, 1936, Serial No. 106.589
11 Claims. (Cl. 91—12.2)



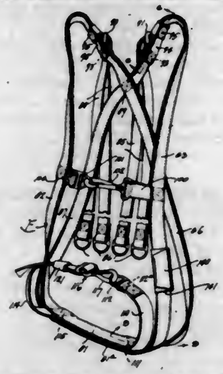
1. A device of the class described comprising a holder for lamp bulbs containing metal-precipitating solution, means for mounting an inverted bulb thereon with its larger end free to sway and rotate, and means for imparting to the holder and the bulbs supported thereon a combined movement transverse to the axis of the bulb and in the direction of said axis, thereby causing the solution to flow continuously over the bulb surface.

2,130,546
FLOOR CONSTRUCTION
Clarence E. Hovey, Kansas City, Mo., assignor to Gustin-Bacon Manufacturing Co., Kansas City, Mo., a corporation
Application February 28, 1938, Serial No. 193,106
5 Claims. (Cl. 189—35)



3. In a floor construction having a flanged sill and a floor board supported thereby, the combination of a perforated, longitudinally arched clip formed of resilient sheet metal, said clip having its inner face at one end bearing against the floor board and its inner face at the other end bearing against the flange of said sill; a screw threaded bolt anchored in the floor board and extending through the perforation, substantially midway between the ends of said clip; and a nut threaded onto the bolt against the outer face of the clip, the intermediate portion of said clip opposed to said nut being inwardly arched by the pressure exerted thereon when said nut is tightened whereby when the nut is disposed with one straight edge thereof on a line extending transversely of the clip, a line contact between the outer face of the clip and the straight edge of the nut is established for the purpose specified.

2,130,547
PARACHUTE HARNESS
Leslie L. Irvin, Letchworth, England, assignor to Irving Air Chute Company, Inc., Buffalo, N. Y., a corporation
Original application May 14, 1934, Serial No. 725,646. Divided and this application April 30, 1938, Serial No. 205,349. In Great Britain June 28, 1933
13 Claims. (Cl. 244—151)



1. A parachute harness adapted for use with a chair comprising a body attaching harness, seat and back pads having the harness portions attached therewith to mount the harness in position for emergency attachment to a wearer, said harness having riser webs extending over the top of the back pad, loops on the top of the back pad thru which said riser webs are slidable, and back strap means for the harness having adjustable adapters secured to said riser webs rearwardly of the back pad loops.

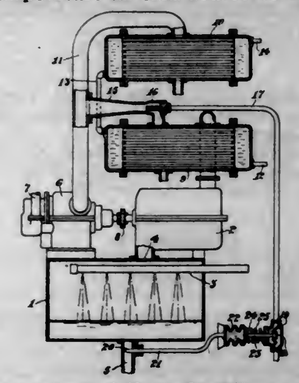
2,130,548
FASTENER
Walter I. Jones, Arlington, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts
Application June 11, 1935, Serial No. 26,004
4 Claims. (Cl. 24—259)



1. A fastener unit formed from a strip of spring metal, said fastener unit having a head portion, a pair of yieldable arms extending from beneath said head portion for receiving a part between them to which the fastener is to be attached, one of said arms having an angled shoulder adjacent to its free end, the other of said arms being shoulderless at a point opposite the shoulder on said first arm, the free ends of said arms diverging from each other to provide surfaces for wedging the arms apart when a bar is entered between said diverging portions.

2,130,549
REGULATING DEVICE FOR REFRIGERATING APPARATUS
John Kirgan, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application March 25, 1936, Serial No. 70,749
12 Claims. (Cl. 62—152)

12. The combination of a source of gaseous or vaporous fluid, a compressor for removing fluid from the source, means for energizing the compressor, a condenser to which the compressor discharges, means for exhausting the condenser, and temperature responsive means actuated by the temperature in said source to regulate and

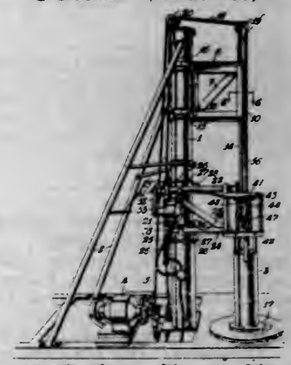


vary operation of the exhausting means in accordance with variations of the temperature in said source whereby the pressure in the condenser is regulated to control the output of the compressor.

2,130,550
TANNING MATTER
Ernst Koch, Frankfort-on-the-Main-Hochst, Karl Dachlauer, Hofheim, and Christoph Thomsen, Frankfort-on-the-Main-Hochst, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application December 28, 1936, Serial No. 117,968. In Germany October 3, 1935
4 Claims. (Cl. 149—5)

1. The products obtainable by causing a water-soluble salt of sulfurous acid to act in an aqueous solution upon chloro-lignin, said products being in the form of their free acids brown and non-hygroscopic powders showing a tanning effect upon animal skin.

2,130,551
CONCRETE PIPE MAKING MACHINE
John N. Kristich, Knightsen, and Nikola B. Piriach, San Jose, Calif.
Application August 22, 1936, Serial No. 97,360
4 Claims. (Cl. 25—37)



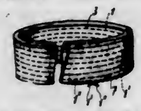
1. In a concrete pipe making machine, the combination of a tubular frame, a subframe mounted thereon and extending beyond one end thereof, and in parallel but offset relation thereto a cross-

head mounted for vertical reciprocation in the subframe, a tamper bar mounted in the cross-head, a drive shaft journaled in the tubular frame and drivingly associated with the cross-head, a pivotal support for the other end of the tubular frame, and actuating instrumentalities associated with the drive shaft.

2,130,552
BAND

Wilhelm Kühn, Stuttgart-Degerloch, Germany, assignor to August Meineke, Lennep, (Rheinprovinz), Germany

Application February 9, 1937, Serial No. 124,845
In Germany November 2, 1935
2 Claims. (Cl. 2—243)

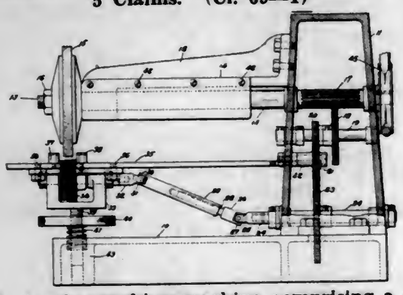


1. A garment supporting band comprising a tube of stretchable textile fabric doubled upon itself to bring the opposite edges of the tube in parallel and registering relationship, said tube enclosing a helically wound rubber thread extending therearound between the meshes thereof from edge to edge of the tube with the ends of said thread terminating substantially at said edges, said edges of the folded tube being joined by a line of stitching also serving to secure the ends of the rubber thread in fixed relative position to the united edges of the tube.

2,130,553
SOLE ROUGHING MACHINE

Elzear J. Le Gault, Haverhill, Mass., assignor, by direct and mesne assignments, to Bestco Shoe Machinery Inc., Ipswich, Mass., a corporation of Massachusetts

Application September 2, 1937, Serial No. 162,077
5 Claims. (Cl. 69—1)



1. A sole roughing machine comprising a sole support, a roughing roll and feed roll arranged to rotate about parallel, horizontal axes and to cooperate in advancing the sole between them, and gauge rolls so located as to engage the margin of a sole in a line oblique to the axes of said rolls.

2,130,554
PIGMENT SUSPENSIONS AND METHODS OF PREPARING SAME

Pierre Lusseyran, Paris, France, assignor, by mesne assignments, to Titan Company, Inc., Wilmington, Del., a corporation of Delaware

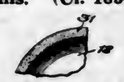
No Drawing. Application July 3, 1936, Serial No. 88,851. In France July 26, 1935
16 Claims. (Cl. 134—58)

1. A method of preparing stable thermoplastic pigment suspensions, which comprises intimately mixing a thermoplastic material, a titanium pigment and a small amount of a lipoid.

2,130,555
RESPIRATOR FILTER

Robert Malcom, Chicago, Ill.

Application April 6, 1936, Serial No. 72,999
6 Claims. (Cl. 183—71)

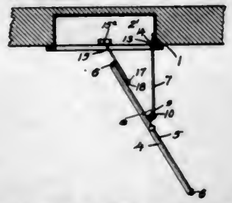


6. In a respirator having a face-piece, an exteriorly threaded annular member thereon, an interiorly threaded cap turnable on to and off of said member having an inwardly extending annular flange overlapping the end of said member, and a filter unit having a flaring annular end piece clamped between said end and flange, said end piece being inherently stiffened at its periphery for the purpose specified.

2,130,556
CABINET MIRROR UNIT

Harley H. Miller, Middletown, Ohio, assignor to The Philip Carey Manufacturing Company, a corporation of Ohio

Application March 7, 1936, Serial No. 67,700
8 Claims. (Cl. 88—100)



3. In combination with a wall cabinet of substantially rectangular configuration, a substantially circular mirror having a diameter as great as the diagonal of the cabinet, a hinge means for mounting the mirror to serve as a closure for the cabinet, and a guide means hinged fixedly to the mirror, at a different point than that at which the mirror is connected to the hinge, and to the cabinet for causing said mirror to move in a path upon the hinge described by the guide means.

2,130,557
PROCESS OF PREPARING A SOLUTION OF CALCIUM-REPRESSING ALKALI-METAL METAPHOSPHATE FROM WATER-INSOLUBLE ALKALI-METAL METAPHOSPHATES

Casimir J. Munter, Dormont, Pa., assignor to Hall Laboratories, Inc., Pittsburgh, Pa., a corporation of Pennsylvania

No Drawing. Application March 12, 1936, Serial No. 68,442
7 Claims. (Cl. 23—107)

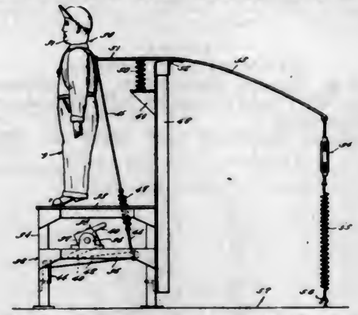
1. A process of preparing a solution of calcium-repressing alkali-metal metaphosphate from water-insoluble alkali-metal metaphosphates, which comprises dissolving the water-insoluble alkali-metal metaphosphate in a strong acid without heating.

2,130,558
FIGURE TOY GAME APPARATUS

James Murray, Newark, Ohio

Application October 8, 1937, Serial No. 168,096
6 Claims. (Cl. 273—105.2)

1. In a toy figure construction of the class described, a frame forming a body member, a backing plate attached to one side of said frame, a sheet of rubber secured to said backing member and constituting a cushioning ball impact receptive element, adapter brackets secured to the lower portion of said frame, sectional link connected legs pivotally attached to and dangling from said adapter brackets, shoulder brackets connected to the upper portion of said frame, sectional link adjoined arms pivotally attached to said U-shaped brackets, a hanger arm secured to said frame, a head forming block hingedly

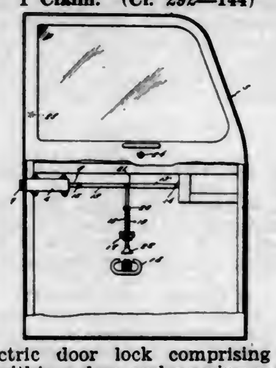


mounted on the upper portion of the frame, said block being provided with a metal disk and a rubber covering forming a ball receptive target, a detent on said hinged block, and a latch on said frame cooperable with said detent to maintain the block in a normal perpendicular position as to allow it to swing to a flopping position when struck by a ball.

2,130,559
ELECTRIC DOOR LOCK

Stephen Papp, Tonawanda, N. Y.

Application September 24, 1937, Serial No. 165,604
1 Claim. (Cl. 292—144)



An electric door lock comprising a casing mounted within a door and opening outwardly of one edge of said door and adjacent to its keeper when the door occupies a closed position, a bolt slidable in said casing and having one end shaped to coact with the keeper to secure the door closed and provided in the opposite end thereof with a socket having a restricted mouth, a shank having one end positioned within the socket by way of the restricted mouth and freely slidable within the latter, a head on said end of the shank and lying in the socket and engageable with walls of the restricted mouth to prevent separation of the shank and the bolt and permitting the latter to have a limited sliding movement on the shank when moving over the keeper during the door moving into closed position, a coil spring on said shank and acting on the bolt to position the latter to bring the head in engagement with the walls of the restricted mouth, a toggle construction including pivotally connected link sections and one of said sections pivoted on the other end of the shank and the other link sections pivoted on the door, a depending rod having the upper end thereof pivotally connected on the pivotally connected ends of the link sections and slidably mounted on the door, an electric means acting on said rod to slide the latter downwardly for swinging the pivotally connected ends of the link sections downwardly and thereby slide the bolt away from the keeper, and a spring acting on said rod to urge the latter vertically for positioning the link sections into a plane common to both and thereby permitting the first-named spring to urge the bolt into position to engage with the keeper on the door moving into closed position.

2,130,560
PIGMENT SUSPENSION AND METHOD OF PREPARING THE SAME

Walter W. Plechner and Joseph M. Jarmus, Metuchen, N. J., assignors, by mesne assignments, to National Lead Company, New York, N. Y., a corporation of New Jersey

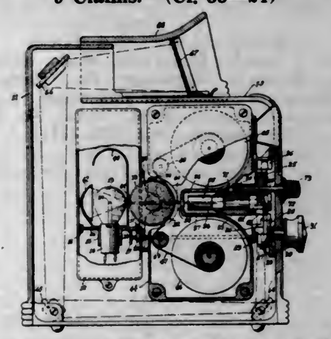
No Drawing. Application June 27, 1936, Serial No. 87,664
17 Claims. (Cl. 134—58)

1. Method for the preparation of suspensions of inorganic pigment particles in waxes which comprises intimately mixing together pigment particles and a wax in admixture with a small amount of a polar-nonpolar compound to disperse the said inorganic pigment particles in the said wax, then adding to the resulting suspension a small amount of a different compound selected from the group consisting of polar-nonpolar and polar compounds possessing a higher degree of polarity than the said polar-nonpolar dispersing agent to retard settling of the suspended inorganic pigment particles.

2,130,561
PROJECTION APPARATUS

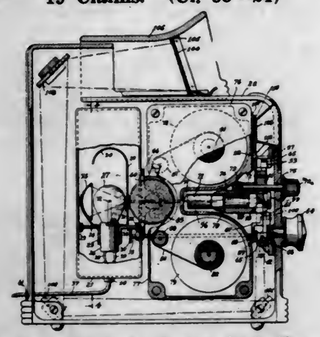
Verneur E. Pratt, Stamford, Conn., assignor, by mesne assignments, to Plant Liquidation Corporation, a corporation of New Jersey

Application March 11, 1936, Serial No. 68,206
9 Claims. (Cl. 88—24)



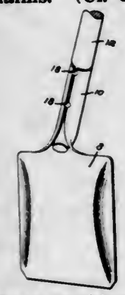
1. In a projector including a movable film and a housing containing a light source, in combination, trunnions on said housing, said housing having therein an aperture, a cylindrical lens rotatably mounted on said trunnions and extending through said aperture into said housing, said lens engaging one side of said film to guide the same and being adapted to direct light from said source to said film, and a projection lens in line with said light source and said cylindrical lens and said film.

2,130,562
SELECTING AND INDICATING DEVICE
Verneur E. Pratt, Stamford, Conn., assignor, by mesne assignments, to Plant Liquidation Corporation, a corporation of New Jersey
Application March 11, 1936, Serial No. 68,209
19 Claims. (Cl. 88—24)



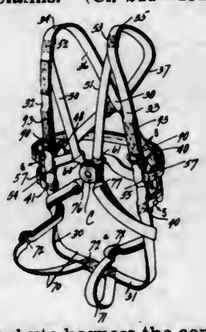
1. In a projecting device including a main casing having an aperture therein and a film magazine enclosed in said casing, said magazine having a casing containing a pair of film reels and a film having thereon a plurality of images disposed across the width thereof, said film having a free portion extending between said reels and said magazine having alined apertures therethrough between said reels whereby light may pass through said free portion of the film, reference characters on the outside of said magazine casing corresponding to said images adapted to be viewed through said apertured main casing, detents on said magazine casing corresponding to said images, a lens support in said projector, a lens supported thereby adjacent the surface of said film and alined with apertures in said magazine casing, means to shift said support to move said lens transversely of said film, latching means on said support adapted to engage said detents whereby said lens may be selectively registered with said images, and means movable with said support to indicate said characters.

2,130,563
SHOVEL AND LIKE TOOL
William A. Ready, Brookline, Mass., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va., a corporation of Delaware
Application July 9, 1936, Serial No. 89,724
4 Claims. (Cl. 306—21)



1. A tool having a working portion and an extension therefrom in the form of a longitudinally divided metallic tube providing a socket to receive a handle and presenting spaced margins along the line of division facing each other in edge to edge relation, a handle in the socket, bridge pieces extending across the line of division and autogenously joined to said margins to provide unbroken encircling rings of metal about the handle and integral extensions of said pieces partly penetrating the handle and surrounded by the material thereof to lock the handle against longitudinal strains tending to withdraw it from the socket.

2,130,564
PARACHUTE HARNESS
Harold G. Rogers, Buffalo, N. Y., assignor to Irving Air Chute Company, Inc., Buffalo, N. Y., a corporation
Application March 30, 1937, Serial No. 133,883
6 Claims. (Cl. 244—151)



1. In a parachute harness the combination of a suspension sling arrangement including side riser webs, other body attaching straps connected with said sling arrangement, a parachute pack having coupling parts connected therewith for releasable coupling to the parachute harness, and complementary coupling rings permanently and fixedly connected upon the riser webs of the harness in outstanding relation therefrom at the normal front of the wearer and sloped upwardly to facilitate attachment of the coupling parts of the pack thereto.

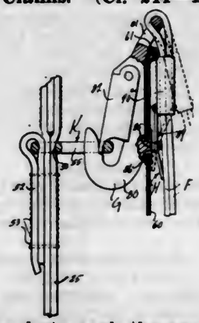
2,130,565
PROCESS OF TREATING TITANIUM-BEARING MATERIALS
Charles L. Schmidt, St. Louis, Mo., assignor, by mesne assignments, to National Lead Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application December 4, 1935, Serial No. 52,807
11 Claims. (Cl. 23—117)

9. In a method of preparing a water-soluble titanium composition by means of a thermal reaction between sulfuric acid and a titanium-bearing material, the step which consists in adding a small amount of a crystalline sulfate of titanium to a reaction mixture comprising such proportions of a titanium-bearing material and sulfuric acid as will form a solid reaction mass on heating.

2,130,566
METHOD OF COMMINUTING WOOD FOR MAKING CARBONS
Richard W. Schmidt, Redondo Beach, Calif., assignor to The Evanston Company, Los Angeles, Calif., a corporation of Nevada
No Drawing. Application January 16, 1937, Serial No. 121,015
5 Claims. (Cl. 252—3)

1. In a method of manufacturing a decolorizing and filtering material which comprises carbonization of a mixture of woody material and diatomaceous earth and the activation of the carbonized product, the preliminary steps of heating said woody material to a temperature at which said woody material is appreciably darkened in color; continuing said heating until said woody material is rendered readily friable; discontinuing said heating before material carbonization of said woody material takes place, and reducing the heat treated woody material to powdered condition for admixture with said earth.

2,130,567
PARACHUTE APPARATUS
Floyd Smith, Buffalo, N. Y., assignor to Irving Air Chute Company, Inc., Buffalo, N. Y., a corporation
Application March 6, 1935, Serial No. 9,670
15 Claims. (Cl. 244—148)



15. In a parachute pack the combination of a container, means for releasably holding the container closed, a parachute canopy adapted to be packed in the container, suspension means connected with the canopy and also adapted to be packed in the container, a coupling part connected with the suspension means and adapted to lie externally of the container when the latter is packed and closed, and means releasably connecting the coupling part to the container and exteriorly thereon in a definitely fixed non-wobbling association, whereby an operator may attach the coupling part of the pack to a complementary part upon a harness or load without the necessity of fumbling directly with the coupling parts, said means which releasably connects the coupling part to the container being actuable to release the coupling part from the container upon opening of the container and during a parachute drop.

2,130,568
PARACHUTE APPARATUS
Floyd Smith, Buffalo, N. Y., assignor to Irving Air Chute Company, Inc., Buffalo, N. Y., a corporation
Original application March 6, 1935, Serial No. 9,670. Divided and this application March 25, 1937, Serial No. 133,054
9 Claims. (Cl. 244—151)



2. In parachute harness the combination of a U-shaped supporting sling including side riser straps and other body engaging straps, coupling parts on each of the side riser straps at the front of the wearer, and means permanently fixing said coupling parts in non-wobbling connection therewith below the normal shoulder line in such manner as to be definitely faced at all times in the same position with respect to the portions of the risers to which respectively connected, for detachable connection with complementary coupling parts of an emergency pack.

2,130,569
PARACHUTE APPARATUS
Floyd Smith, Buffalo, N. Y., assignor to Irving Air Chute Co., Inc., Buffalo, N. Y., a corporation
Application March 31, 1937, Serial No. 134,109
6 Claims. (Cl. 244—148)



1. A detachable emergency parachute pack comprising a container, a parachute for releasable housing in the container including a canopy and shroud lines, coupling means connected with the shroud lines adapted for releasable connection with a wearer's harness, fastener means for releasably closing the container, and means releasably connecting the coupling means externally on the container, said container being otherwise disconnectible from the parachute canopy and its shroud lines so that the said container will float away from the wearer upon opening of the pack as an incident to load supporting deployment of the parachute canopy.

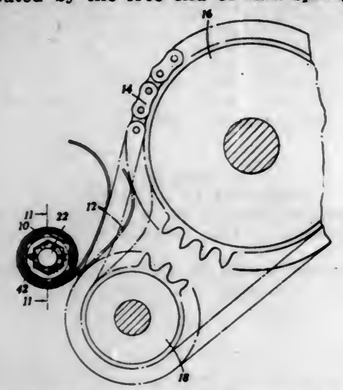
2,130,570
PROCESS FOR FULLING OR FELTING WOOL OR HAIR
Anton Volz, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to Hall Laboratories Inc., Pittsburgh, Pa.
No Drawing. Application July 27, 1936, Serial No. 92,923. In Germany August 1, 1935
9 Claims. (Cl. 26—19)

2. The method of fulling or felting wool or hair in alkaline, neutral or acid medium which consists in employing as fulling agent a mixture of alkali metal hexametaphosphate an alkali metal pyrophosphate.

2,130,571
TENSIONING DEVICE FOR TRANSMISSION CHAINS AND THE LIKE
John Weller, West Horsley, England
Application June 25, 1937, Serial No. 150,391
In Great Britain May 27, 1936
7 Claims. (Cl. 74—242.11)

2. A tensioning device for a transmission chain, belt or like flexible member, comprising in com-

bination a spiral torsion spring, means for anchoring the inner end of said spring, and a slipper constituted by the free end of said spring, said



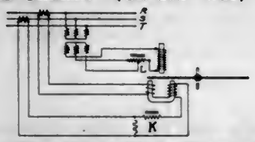
slipper conforming to the curvature of the slack side of said flexible member and being resiliently pressed into contact therewith by said spring.

2,130,572
LAYERS CONTAINING BLEACHING-OUT DYES
Bruno Wendt, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
No Drawing. Application July 17, 1933, Serial No. 680,893. In Germany July 21, 1932
15 Claims. (Cl. 95—7)

1. A process of producing layers for the bleaching-out process which comprises dissolving in an organic solvent a cellulose derivative selected from the group consisting of organic cellulose esters, cellulose ethers and cellulose ether-esters having sufficient free hydroxyl groups in the cellulose nucleus so that it substantially swells in water and a bleaching-out dye, and casting a layer from said solution.

6. A homogeneous photographic layer consisting of a compound selected from the group consisting of organic cellulose esters, mixed cellulose esters, cellulose ethers and cellulose ester-ethers having throughout its whole thickness sufficient free hydroxyl groups in the cellulose nucleus so that it substantially swells in water and having a bleaching-out dye uniformly distributed in said layer.

2,130,573
THREE-PHASE POWER DIRECTION INDICATING MEANS
Rolf Widerøe, Vestre Aker, near Oslo, Norway
Application May 18, 1935, Serial No. 22,222
In Germany May 19, 1934
13 Claims. (Cl. 172—245)

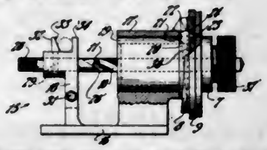


11. In combination with a three phase alternating current system an indicating system adapted to be responsive to indicate the direction of power flow particularly in case of abnormal load conditions such as a short circuit; which indicating system comprises current transformers for each one of at least two phases of the three phase system; potential transformer means for each one of the three phases, which transformer means have a neutral point; means adapted to effect a relative phase displacement between said current transformers whereby an additive summation of the respective currents results; a wattmetrical device having a wattmetrical element, also having current coils corresponding to and adapted individually to be responsive to respective current transformers, and having potential windings; and a potential circuit system operatively associated with the potential windings of said wattmetrical device, and which comprises the secondaries of said potential transformers, and a potential magnitude changing device, in which circuit system a resultant voltage from the secondaries is impressed upon said potential windings of the wattmetrical device, which resultant voltage is composed of phase voltage between the second and third phase and phase voltage between the first and second phase, and in which the voltage changing device operates to maintain magnitudes and phase angles of the voltages involved proportionately the same under all possible operating conditions.

2,130,574
FLOTATION OF CARBONACEOUS ORES
Charles H. Breerwood, Narberth, Pa., assignor to Separation Process Company, a corporation of Delaware
No Drawing. Application September 10, 1937, Serial No. 163,302
16 Claims. (Cl. 209—167)

1. In a method of froth flotation of minerals from carbonaceous ores in the presence of a collecting reagent, a step which comprises adding a lignin sulphonate to depress the carbonaceous matter to a pulp of the ore, and subjecting the pulp to froth flotation in the presence of said lignin sulphonate and in the presence of the carbonaceous matter.

2,130,575
DRILL POINT LOCATOR
Carroll E. Adams, Pawtucket, R. I.
Original application March 3, 1936, Serial No. 66,836. Divided and this application September 2, 1937, Serial No. 162,165
5 Claims. (Cl. 51—219)



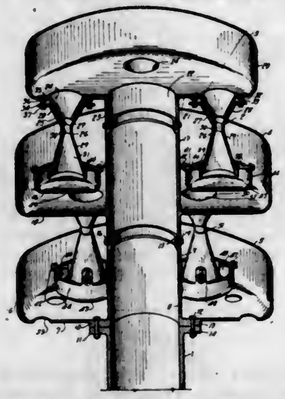
2. In a drill grinding apparatus, a cylindrical holder for a drill, a cam on said holder, means for locating a drill in said holder relative to said cam comprising, a sleeve in which said holder is removably supported, said sleeve being provided with a flange and a stud projecting axially from said flange, said cam being provided with a recess for engagement on said flange and an opening for receiving said stud, a bearing in which said sleeve is rotatably supported, an arm on said bearing, a drill point locator slidably and adjustably supported in said arm and spaced from said sleeve, means for utilizing the diameter of the drill to be ground for positioning said drill point locator, said locator being formed with a plane surface for engaging a cutting edge of the drill, cooperating gage and index means on said flange and said bearing for circumferentially and adjustably positioning said sleeve and said cam relative to the plane surface of said locator.

2,130,576
CONTAINER
James E. Annen and Albert L. Sherwood, Kalamazoo, Mich., assignors to Sutherland Paper Company, Kalamazoo, Mich.
Application May 15, 1936, Serial No. 79,829
6 Claims. (Cl. 229—14)



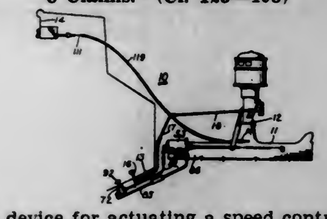
1. A container suitable for use as an oil container comprising a tubular side wall of fibrous material, a lining extending from end to end of said side wall consisting of superimposed layers of spirally wound grease-proof paper, with spiral layers in substantially overlapping relation, the lining layers being adhesively secured together throughout and the outer lining layer being adhesively secured to the side wall throughout, an inner end member having an out-turned peripheral flange telescoped within said side wall member, a lining for said inner end member consisting of superimposed layers of grease-proof paper adhesively secured together and adhesively secured thereto, said lining overlapping the flange of said inner end member, said flange with its overlapping lining being adhesively secured to the lining of the side wall, the edge of the side wall being folded inwardly upon the inner side of said flange and adhesively secured thereto, and a disk-like outer end member disposed in supporting contact with the inner end member and with its edges in supporting clamping engagement with the inturned edge of said side wall member.

2,130,577
AERATING APPARATUS
Eric W. Bacharach, Kansas City, Mo.
Application June 13, 1936, Serial No. 85,115
8 Claims. (Cl. 261—76)



1. An aerator including a basin for receiving liquid to be aerated and having a circular series of funnel-shaped outlets for the liquid, Venturi members supported in spaced relation with said outlets to form air passageways through which air is drawn from atmosphere responsive to flow of liquid from said outlets, expansion chambers supported under said Venturi members for diverting flow of the liquid and having annular outlets to atmosphere for effecting liberation of entrained gases, and means located within the axis of said circular series of outlets for distributing the liquid to said outlets.

2,130,578
ADJUSTABLE SPEED CONTROL DEVICE
Scott F. Baker, Jamestown, N. Y.
Application April 6, 1935, Serial No. 15,139
8 Claims. (Cl. 123—108)



1. A device for actuating a speed control comprising linkage connected with and adapted to advance said control, means acting to move said linkage, further means for varying the extent of action of said means on said linkage, and a vacuum motor connected with and adapted to render said linkage ineffective to actuate said control.

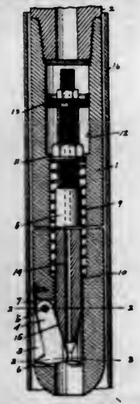
2,130,579
PHOSPHATOVANADATE AND METHOD OF RECOVERY OF THE SAME
Frederic C. Bowman, Los Angeles, Calif., assignor to A. R. Maas Chemical Co., Los Angeles, Calif., a corporation of California
No Drawing. Application November 22, 1935, Serial No. 51,076
15 Claims. (Cl. 23—19)

3. The method of recovering vanadium from phosphoric acid solutions containing small amounts of vanadium in a state of oxidation not greater than V_2O_4 which comprises oxidizing the vanadium content to V_2O_5 and precipitating complex compounds containing V_2O_5 and P_2O_5 from the solution at acid concentrations at which the complex compounds are insoluble.

2,130,580
INSIDE PIPE CUTTER
James Buckles, Goose Creek, Tex.
Application September 26, 1935, Serial No. 42,171
3 Claims. (Cl. 164—0.8)

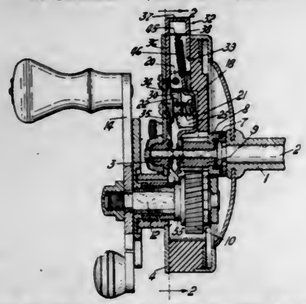
3. A pipe cutter adapted to cut by rotation and comprising a tubular body whose upper end is formed into a cylinder, outwardly movable blades whose upper ends are pivoted to the body and whose lower ends are swingable outwardly and formed with outwardly directed bits, the blades having downwardly converging, inside faces, means normally holding the blades retracted into inactive position, a mandrel movable axially in the body and extended into the cylinder, said mandrel being tapered at its lower end to engage the converging inside faces of the blades, a shoulder in the lower end of the body, a coil spring resting on the said shoulder, and supporting the mandrel and holding the mandrel normally in inactive position, threads on the upper end of the mandrel adapted to receive a nut for holding said coil spring adjustably in place, a piston in the cylinder above said coil spring, an internal annular shoulder at the lower end of said cylinder for restricting the downward movement

of the piston, the upper end of the mandrel being reduced and externally threaded, a nut threaded onto said reduced end of the mandrel



for locking the piston in place and a tubular operating string above the piston for the passage of fluid under pressure to operate the mandrel downwardly.

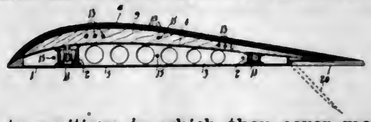
2,130,581
FISHING REEL
Francis M. Case, deceased, late of Cleveland Heights, Ohio, by Lucy H. Case, administratrix, Cleveland Heights, Ohio, assignor to The Enterprise Manufacturing Company, Akron, Ohio, a corporation of Ohio
Application April 11, 1935, Serial No. 15,808
14 Claims. (Cl. 242—84.7)



1. In a fishing reel, an internally recessed reel head, a rotatable spool journaled at one end in said head, a main driving shaft for the spool journaled in said head, a clutch between the spool and said main driving shaft, means normally urging the clutch to spool-driving position, means under control of the operator to move the clutch to non-driving position, and means mounted on the said driving shaft, interiorly of said head to restore the said manually controlled means to the position it occupies when the clutch is in driving position.

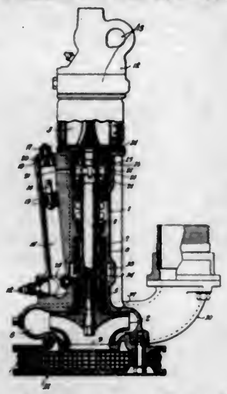
2,130,582
AEROFOIL
Adam Craigon, Toronto, Ontario, Canada
Application May 17, 1937, Serial No. 143,072
3 Claims. (Cl. 244—44)

1. An aerofoil of substantially fixed area comprising a basic wing having a predetermined fixed wing section form; a housing at the root end of each half of the wing; and wing covers superimposed thereon each having its upper surface formed with a greater camber than that of the upper surface of the basic wing but having substantially the same length of mean chord, said covers being movable spanwise of the wing on its upper surface from positions within the hous-



ings to positions in which they cover more or less of the upper surface of the wing leaving the under surface exposed, thus changing the camber of the upper surface of the aerofoil without changing either the area of the foil or the shape of its under surface.

2,130,583
PUMP LUBRICATOR
Louis P. Fosnot, Aurora, Ill., assignor to Independent Pneumatic Tool Co., Chicago, Ill., a corporation of Delaware
Application December 31, 1936, Serial No. 118,466
6 Claims. (Cl. 184—39)

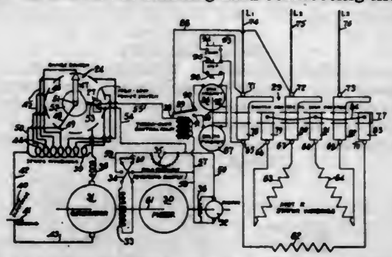


1. A lubricator for a pressure fluid operated mechanism wherein is provided a pressure fluid actuated motor, a rotary member driven by said motor, a hollow casing supporting said member and motor, and a bearing for said member in said casing, said motor being supported by said casing in a manner permitting pressure fluid leakage into the casing from the motor, said lubricator comprising a lubricant containing reservoir carried by the casing, said reservoir having a discharge port for lubricant connected to the bearing and an inlet port for pressure fluid leakage connected to the casing, said inlet port conveying pressure fluid leakage from the casing to the reservoir for forcing lubricant from the reservoir to the bearing during the operation of the motor.

2,130,584
WELDER
Edward A. Hobart, Troy, Ohio, assignor to Hobart Brothers Company, Troy, Ohio, a corporation of Ohio
Application November 17, 1936, Serial No. 111,285
11 Claims. (Cl. 172—239)

1. In combination, a driving motor, a generator driven thereby, said motor having a stator with a plurality of windings, means for connecting said windings selectively in a plurality of

different arrangements, means including an excitation circuit for exciting the field windings of said generator, means responsive to the attainment of a predetermined current in said excitation circuit for shifting said connecting means



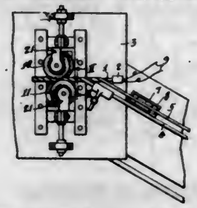
from one arrangement to the other arrangement, a range switch circuit operative to vary the output of said generator, and means responsive to the setting of said range switch beyond a predetermined setting for rendering said shifting means inoperative.

2,130,585
CORD TERMINAL
Albert S. Howell, Chicago, Ill., assignor to The Bell & Howell Company, Chicago, Ill., a corporation of Illinois
Application May 17, 1937, Serial No. 143,080
2 Claims. (Cl. 24—123)



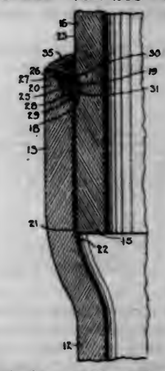
1. In a cord terminal the combination with an end portion of a flexible compressible cord, of a split metal collar encircling said end portion in compressing engagement therewith and disposed in adjacently spaced relation with the corresponding end of the cord, adhesive material applied to the portion of said cord end portion outwardly of said collar, and a metal terminal member provided with a bore extending inwardly from an end thereof and provided with an internal flange at said end and into which said cord end portion and collar are engaged, said terminal member being constricted about said collar with said flange opposing the face of said collar facing oppositely with reference to the corresponding end of the cord.

2,130,586
FORMING ROLLER FOR TUBE-WINDING MACHINES
Arch Charles Huston, Los Angeles, Calif.
Application February 18, 1936, Serial No. 64,509
2 Claims. (Cl. 93—80)



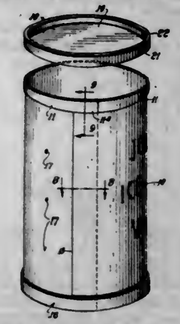
1. A wrapping and compressing roller for a tube-forming machine of the class wherein tube material is wrapped and compressed about a mandrel by a resilient roller so positioned as to bear against and be indented by the tube material on the mandrel, said roller comprising a tube-contacting rim portion consisting of a hollow tire containing fluid under pressure whereby it applies substantially the same contact pressure to the tube material over the entire area of contact therewith.

2,130,587
WELL PIPE JOINT
Joseph J. Kane, Galveston, Tex.
Application November 20, 1936, Serial No. 111,778
8 Claims. (Cl. 285—115)



1. A pipe joint for well casing comprising a bell and spigot connection, the end of said bell comprising a downwardly and inwardly directed ogee curve, the periphery of the spigot comprising an annular recessed portion positioned within said curve when the joint is assembled whereby a pocket is formed by the curve and the recess, and welding material disposed in said pocket.

2,130,588
CONTAINER FOR PACKAGING FROZEN CONFECTIONS FOR DISTRIBUTION AND SERVING
Frederick T. Krein and Torris H. Alfreds, Park Ridge, Ill., assignors, by direct and mesne assignments, to Dixie-Vortex Company, Chicago, Ill., a corporation of Delaware
Original application October 31, 1935, Serial No. 47,530. Divided and this application January 24, 1936, Serial No. 60,602
10 Claims. (Cl. 229—4.5)



1. As an article of manufacture, a blank for a container body comprising a rectangular sheet of relatively thin paper having longitudinal score

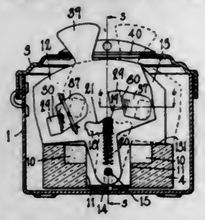
lines defining top and bottom flanges adapted in forming the container to be folded on the outside of the same and having transverse score lines defining end flaps terminating at their ends substantially at the first mentioned score lines and adapted in forming the container to interlock with each other, the flanges at the top and bottom adapted on completion of the container to interlock with the end flaps at the upper and lower ends of the latter.

2,130,589

SPRING ACTION ROTARY SWITCH

William H. Lantz, Jr., Minerva, Ohio, assignor to American Electric Switch Corporation, Minerva, Ohio

Application July 19, 1937, Serial No. 154,357
24 Claims. (Cl. 200—151)



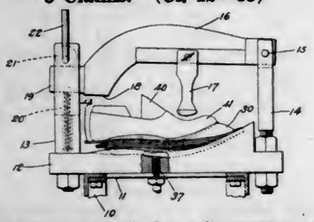
1. In a single-throw double-pole electric switch pairs of opposed stationary spring contacts having mutually facing contact points extruded therein; a pivoted switch member of insulating material having conducting members floatingly mounted therein and adapted to simultaneously engage said contact points when the switch member is thrown in one direction, shield plates mounted on either side of said switch member and having openings receiving said contact points, said switch member having recesses on either side thereof adjoining said conducting members and cooperating with said shields to form arc snuffing chambers adjacent said conducting members, said spring contacts covering said openings externally whereby to completely enclose said chambers, and means for causing said switch member to move in either direction with a snap movement.

2,130,590

SOLE PRESS

Elsear J. Le Gault, Haverhill, Mass., assignor, by direct and mesne assignments, to Bestco Shoe Machinery, Inc., Ipswich, Mass., a corporation of Massachusetts

Application June 26, 1937, Serial No. 150,592
3 Claims. (Cl. 12—33)



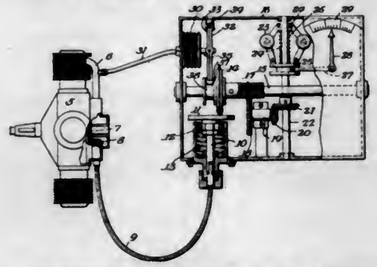
1. An improved jack for sole presses, comprising a stationary bed piece carrying an inflatable pad, posts located at both ends of the bed piece, a shoe-holding bar connected to one post and slidably engaged within a slot in the other post, spring means encased in the latter post and normally elevating said bar, and means mounted in the slotted post and under the control of the operator for depressing the bar to a predetermined location after a shoe has been presented beneath it.

2,130,591

POWER METER

Mitchell W. Manchester, Williamsport, Pa., assignor, by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill., a corporation of Delaware

Application November 13, 1934, Serial No. 752,863
2 Claims. (Cl. 73—187)



1. In a power meter for an internal combustion engine, the combination of fluid pressure means responsive to variations in the pressure of the fluid taken into the engine for combustion, rotary mechanism driven by, and directly responsive to variations in the speed of, the engine, means for combining the functions of said pressure-responsive means and said mechanism, means responsive to temperature changes for varying the effect of the operation of the pressure-responsive means, and means, controlled by the combining means, for indicating the output of the engine.

2,130,592

ALDOL CONDENSATION PROCESS

Sumner H. McAllister, Lafayette, and Edwin F. Bullard, Oakland, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

Application June 12, 1937, Serial No. 147,944
16 Claims. (Cl. 260—594)

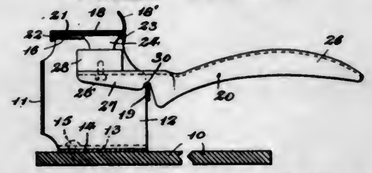
1. In a process of producing a condensation product of a ketaldone, the steps of contacting the carbonylic compound to be condensed with a solid condensation catalyst capable of promoting said condensation at a point below the top of said catalyst and withdrawing reacted mixture at a higher point.

2,130,593

DENTAL PRESS FOR FORMING WAX PATTERNS

Fred C. Miller, Los Fresnos, Tex.

Application September 8, 1937, Serial No. 162,934
4 Claims. (Cl. 18—5.7)



1. A press for forming a wax pattern for interchangeable teeth comprising a support having parallel upstanding walls, the upper edges

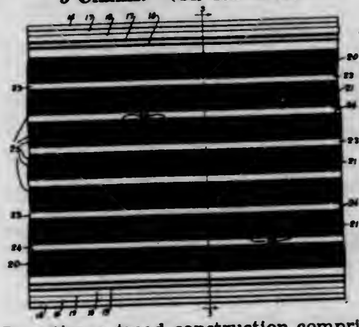
of the walls having an oppositely extended flange, a fulcrum member intermediate the height of the walls, an impression plate removably supported upon the flanges, the impression plate having a die upon its underside, a lock plate slidably engaging the flanges and the impression plate; a lever member cooperable with the fulcrum, the lever having a head member for support of a pellet of wax, and said head member having a longitudinally extended opened-ended slot for receiving wax forced thereinto when the head member is moved into engagement with the die.

2,130,594

TIRE

Harry S. Mooradian, Dayton, Ohio, assignor to The Dayton Rubber Mfg. Company, Dayton, Ohio, a corporation of Ohio

Application December 19, 1936, Serial No. 116,769
5 Claims. (Cl. 152—209)



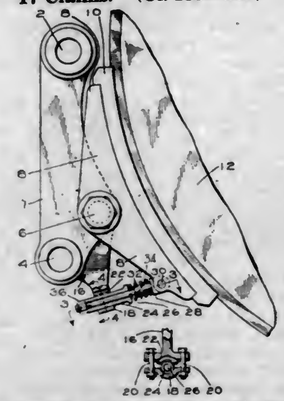
1. In a tire, a tread construction comprising a plurality of annular ribs separated by annular grooves and subdivided by transverse slots, said transverse slots being relatively narrow in width as compared with the widths of said grooves and with the size of the rib subdivisions and arranged in an echelon position across the tire tread, the widths of said slots being also relatively small in proportion to the depths thereof.

2,130,595

BRAKE HEAD BALANCING DEVICE

Emil G. Mueller, Swissvale, Pa., assignor to The American Brake Company, Swissvale, Pa., a corporation of Missouri

Application August 20, 1936, Serial No. 96,958
17 Claims. (Cl. 188—230)



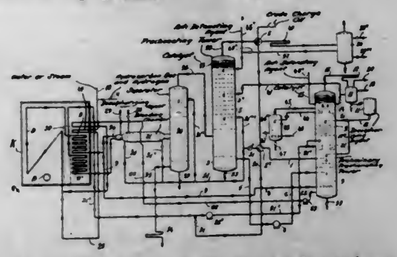
1. In a vehicle brake equipment, in combination, a brake hanger, a brake head pivotally carried by said brake hanger, yielding means urging said brake head to move relative to said brake hanger in one direction, a member yieldingly secured on the brake hanger, and means carried by and adjustable relative to said member for limiting movement of the brake head relative to the brake hanger.

2,130,596

METHOD FOR TREATING A PLURALITY OF HEAVY HYDROCARBON OILS FOR SUBSEQUENT CRACKING

Ernest A. Ocon, New York, N. Y.

Application March 5, 1936, Serial No. 67,199
8 Claims. (Cl. 196—47)



1. A process for converting hydrocarbon oils into relatively lower boiling hydrocarbon oil suitable for use as motor fuel, which comprises distilling petroleum oils including a virgin crude petroleum oil in a preliminary fractionating zone to produce a residual oil and a fractional condensate higher boiling than naphtha, separating some sludge from the residual oil, heating said residual oil free from thus separated sludge in the presence of steam under cracking conditions of temperature and pressure, heating said fractional condensate under cracking conditions selectively different from those imposed on the residual oil and effective for converting a substantial part of the fractional condensate constituents into gasolene hydrocarbons, fractionating vapor products of the thus treated fractional condensate in a secondary fractionating zone to separate and condense a substantially tar free heavy oil fraction higher boiling than naphtha, passing hot products from the heat treatment of the residual oil and said substantially tar free heavy oil fractional condensate from the secondary fractionating zone into the preliminary fractionating zone to form part of the petroleum oils subjected to distillation therein.

2,130,597

SNAP FASTENER

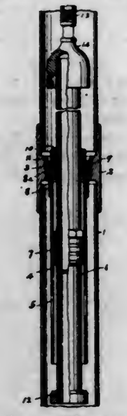
John M. Oldham, Pleasant Ridge, Mich., assignor to L. A. Young, Detroit, Mich.

Application May 19, 1937, Serial No. 143,404
4 Claims. (Cl. 24—213)



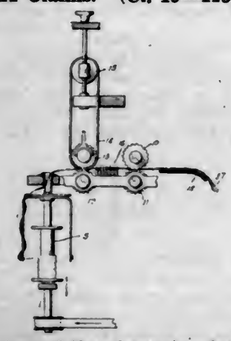
1. A snap fastener comprising strip spring metal formed into a double slotted tubular stem, one slot going the entire length of the stem and the other only part of the length leaving the slots with two open ends at one end of the stem, the ends of the stem portions at said end being turned over into flanges to form a contractible head portion.

2,130,598
DEEP WELL PUMP
Arthur J. Penick and Kirby T. Penick, Houston, Tex.
Application July 15, 1935, Serial No. 31,447
8 Claims. (Cl. 103—155)



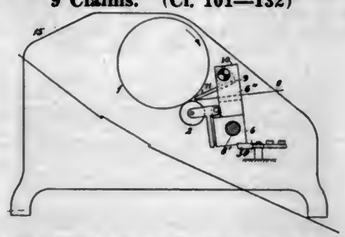
1. The combination with a pipe in a well having a supporting seat, of a pump working barrel having a hanger thereon shaped to fit the seat to support the barrel, a plunger working through the barrel, said barrel and plunger having co-operating means effective to advance the well liquid upwardly through the barrel upon reciprocation of the plunger, said liquid advancing means including a valve formed of yieldable material at the upper end of the barrel and surrounding the plunger and forming a packing between the seat and plunger and shaped to yield outwardly upon upward movement of the plunger to permit the upward movement of the liquid between the valve and plunger, said valve closely surrounding the plunger to prevent the passage of liquid downwardly between the valve and plunger upon downward movement of the plunger.

2,130,599
TEXTILE MACHINERY
Norman Redman, Philadelphia, Pa., assignor to American Interlining & Spinning Company, Philadelphia, Pa., a corporation of Pennsylvania
Application May 12, 1938, Serial No. 207,456
11 Claims. (Cl. 19—115)



1. Mechanism of the character described comprising, in combination, means for parallelizing and improving the arrangement of fibres preparatory to twisting or spinning, a fluted roller, and a second fluted roller complemental to said first fluted roller and assembled therewith to engage fibres which pass therebetween, one of said fluted rollers having corrugations defined by top and bottom apices, the top apices being formed with small grooves extending lengthwise of the roller and which grooves provide edges for grippingly engaging the fibres.

2,130,600
DUPLICATING APPARATUS
Wilhelm Ritzerfeld, Berlin, Germany
Application October 8, 1935, Serial No. 44,076. Renewed September 4, 1937. In Germany October 8, 1934
9 Claims. (Cl. 101—132)

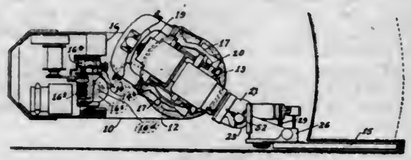


1. In a duplicating machine printing onto clear sheets previously moistened with a readily volatilizing solvent, the combination comprising a rotatable printing roller bearing a copyable mirror-script original constituted of a plurality of lines arranged in the direction of rotation of said roller, a sliding member adapted to be displaced in a direction parallel to the axis of said printing roller, a moistening means, a counterpressure roller and a feeding table associated with said sliding member and adapted to co-operate with said printing roller to selectively copy a portion of said original onto a copy sheet in accordance with the position of said sliding member, a powered rack connected to said sliding member, means for engaging said rack to prevent displacements thereof, and means for moving said engaging means into an inoperative position to disengage said rack and to permit said sliding member to be displaced into a position corresponding to the length of time during which said rack is disengaged.

2,130,601
KERF CUTTING MACHINE
William W. Sloane, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application August 17, 1935, Serial No. 36,620
Renewed June 10, 1937
13 Claims. (Cl. 262—28)

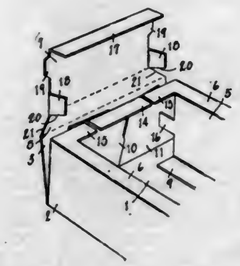
11. In a track-mounted mining machine, a truck having a turntable thereon, cutting mechanism mounted on said turntable including a motor having a frame extending forwardly therefrom beyond the forward end of said turntable, a turning frame extending forwardly of the forward end of said first-mentioned frame and mounted thereon for pivotal movement about a longitudinal axis, means driven by said motor for pivoting said turning frame about said longitudinal axis, a cutter frame pivoted to said turning frame for pivotal movement with respect thereto about an axis perpendicular to the pivotal axis of said turning frame, means driven by said motor for pivoting said cutter frame about its axis of pivotal connection to said turning frame,

a support frame mounted on said cutter frame for movement towards and away from said cutter frame in a plurality of parallel planes, means driven by said motor for moving said support frame towards and from said cutter frame, a chain-carrying cutter bar mounted on said support frame for pivotal movement about an axis perpendicular to the plane of travel of said cutter



chain, and means driven by said motor for pivotally moving said cutter bar about its axis of pivotal connection to said support frame at a feeding speed when said frames are in various positions of adjustment with respect to each other, said means for pivoting said frames and moving said support frame towards and from said cutter frame being driven from a common sleeve coaxial with the axis of said turning frame.

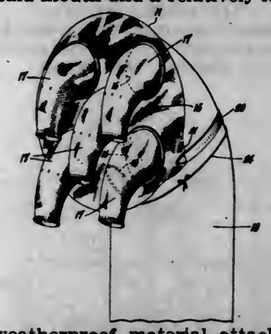
2,130,602
DOUBLE-WALLED BOX
Richard E. Smith, Kalamazoo, Mich., assignor to Sutherland Paper Company, Kalamazoo, Mich.
Application May 20, 1936, Serial No. 80,724
13 Claims. (Cl. 229—34)



13. A double-walled box comprising a bottom, and outer side and end walls extending from the side and end edges of the bottom, the outer side and end walls having inner side and end walls joined to the respective top edges thereof and spaced therefrom in erected position of the box, the inner side walls having securing flaps on their longitudinal edges secured to the bottom, the inner end walls having spacer members on the edges thereof adjacent the bottom, said spacer members lying between the inner and outer end walls and maintaining the spacing thereof, the inner end walls abutting the end edges of said flaps in erected position to resist displacement of said end walls.

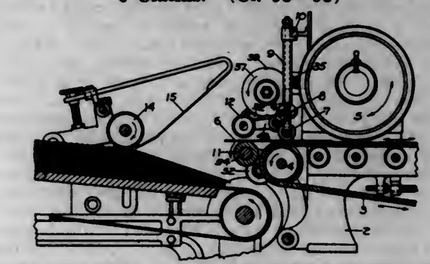
2,130,603
SHIP'S VENTILATOR
Vincent J. Spelman, Northport, Long Island, N. Y.
Application December 16, 1937, Serial No. 180,205
5 Claims. (Cl. 114—211)

1. A ship's ventilator having a vertically extending mouth, an apertured weatherproof disc covering said mouth and a relatively long flexible



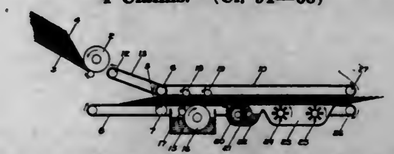
tube of weatherproof material attached to the aperture in said disc and depending therefrom.

2,130,604
COUNTING MECHANISM
Edwin G. Staude, Minneapolis, Minn.
Application May 23, 1936, Serial No. 81,511
6 Claims. (Cl. 93—93)



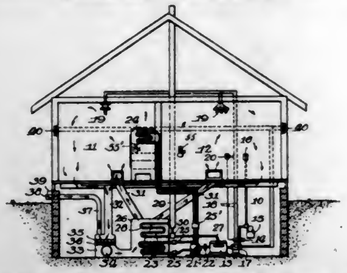
1. An article counter including, two article feeding means respectively operating at different speeds and acting on the same face of an article, and means intermittently acting on the opposite face of the article and controlled by one of the feeding means for causing that feeding means which operates at the greater speed to act momentarily to deflect a blank from the normal line of feed, both feeding means having widths not less than that of the articles being fed and constantly acting on the entire transverse width of the blank.

2,130,605
METHOD OF GUMMING AND DRYING ADHESIVE ON FLAT SURFACES
Edwin G. Staude, Minneapolis, Minn.
Application June 8, 1936, Serial No. 84,084
4 Claims. (Cl. 91—68)



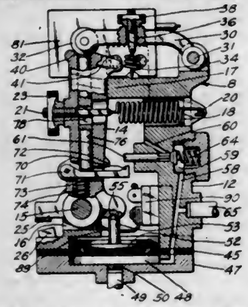
1. A process for quickly drying adhesive applied to articles in motion in a high speed machine comprising the steps of, applying consecutively to the same region of each article, a water soluble liquid adhesive, and a water soluble dry powdered adhesive of a character and in an amount sufficient to quickly dry the wet adhesive during the rapid motion of the article through the machine, and without the use of other drying means, and to obtain a needed total quantity of adhesive.

2,130,606
AIR CONDITIONING
Ernest Wanamaker, Chicago, Ill.
Application October 31, 1936, Serial No. 108,666
7 Claims. (Cl. 257—3)



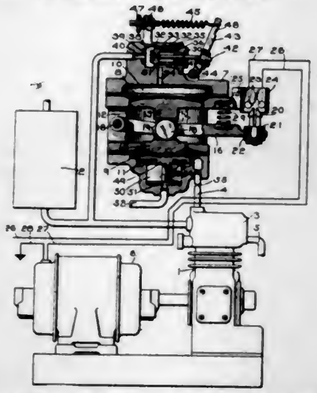
1. In a system for heating and cooling, an internal combustion engine having a starter, an electric generator driven thereby, a refrigerating unit also driven by said engine, a housing containing heating and cooling means connected to the exhaust of said engine and to said unit, a magnetic valve to render said cooling means effective, a second magnetic valve to admit or cut off the discharge of exhaust heat from said engine to said heating means to render the same effective or ineffective, conduits from said housing to the compartment to be regulated to conduct the necessary heating and cooling medium thereto, temperature responsive means in said compartment, an independent source of current, a circuit therefrom in which said temperature responsive means is connected to open the same at a predetermined temperature, a master temperature responsive means in said circuit to close the same on the attainment of a predetermined temperature, an engine starting circuit also closed by said master temperature responsive means as the temperature rises, whereby said refrigerating unit is operated by said engine, said first mentioned magnetic valve also being connected in said first mentioned circuit and actuated to cause the cooling of said housing and hence of said compartment.

2,130,607
COMPRESSOR GOVERNOR
Burton S. Aikman, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application June 13, 1935, Serial No. 26,433
20 Claims. (Cl. 200—82)



1. In combination, a movable abutment subject to the pressure of the fluid in a chamber, a switch, a switch operating element, yielding means urging the switch operating element to a position to maintain the switch in the closed position, means connecting the movable abutment to the switch operating element to effect movement of the switch operating element away from the closed position to the open position on an increase in the pressure of the fluid acting on said abutment, other means yieldingly opposing movement of the switch operating element away from the switch closed position until the pressure of the fluid acting on the movable abutment has increased to a value above that at which the yielding means associated with the switch operating element is operable to move said element from the switch open position to the switch closed position, and means associated with the switch operating element and controlling the pressure of the fluid acting on said abutment.

2,130,608
COMPRESSOR COOLING CONTROL
Burton S. Aikman, Wilkinsburg, Pa., assignor to Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application October 23, 1936, Serial No. 107,202
4 Claims. (Cl. 230—6)



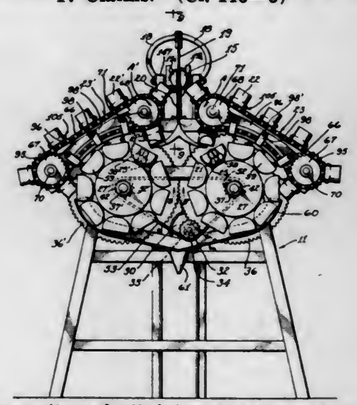
1. In combination, a compressed air receiver, a source of water under pressure, motive means, a water cooled air compressor adapted to be operated by said motive means to compress air into said receiver, valve means for supplying water from said source under pressure to said compressor for cooling same, and a governor device controlled by the pressure of air in said receiver and the pressure of water at its source for controlling the operation of said compressor and valve means, said governor comprising two spaced flexible diaphragms, follower means interposed between and engaging adjacent faces of said diaphragms, means controlled by said diaphragms for effecting the operation of said motive means and for cutting said motive means out of operation, one diaphragm being subject on its outer face to the pressure of water at its source and being operative thereby to operate said means to cut said motive means into operation, valve means controlled by the opposing pressures of air in said receiver and a spring and operative when the air pressure exceeds the pressure of said spring to supply compressed air to the outer face of the other of said diaphragms and operative when the spring pressure exceeds the air pressure to vent the compressed air from said outer face of the other diaphragm, said other diaphragm being adapted to be operated by the compressed air applied thereto to operate said means to cut said motive means out of operation, spring means operative to operate said means to cut said motive means out of operation if the pressure of water on the first diaphragm becomes reduced below a certain degree, and means operative by the first diaphragm upon cutting said motive means out of operation for operating said first named valve means to cut off the supply of cooling water to said compressor.

2,130,609
BOTTLE CAP CLOSURE
George W. Alexander, Boston, Mass., assignor to Thorndike Engineering Corporation, Cambridge, Mass.
Application February 24, 1937, Serial No. 127,445
1 Claim. (Cl. 215—46)



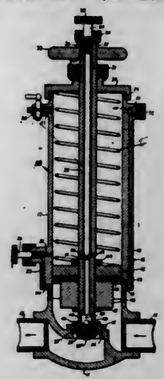
An improved bottle closure comprising a top portion and crimped side flange, a plurality of crimps on said side flange having a thickness of a lesser gauge than the surrounding material comprising the rest of said closure.

2,130,610
CITRUS FRUIT JUICE EXTRACTOR
William O. Brown, North Hollywood, Calif.
Application December 2, 1935, Serial No. 52,551
17 Claims. (Cl. 146—3)



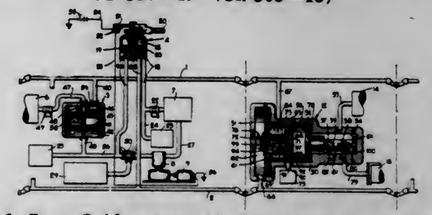
1. In a citrus fruit juice extractor, the combination of: a carrier adapted to travel through a predetermined path; a plurality of cups formed of resilient material and split on opposite sides to form a hinged structure mounted on said carrier; means associated with said carrier for applying pressure to the midportion in the bottom of said cups thereby spreading the sides of said cups to open said hinge structure; means for delivering fruit sections into the path of said cups at one region thereof; means for momentarily actuating said pressure applying means while said cups are in said delivery region to open said cups for the reception of fruit sections therein; means for actuating said pressure applying means at a second spaced point in said path of travel to open said cups and discharge fruit peels therefrom; and reaming means adapted to enter and leave said cups between said delivery and discharge points for extracting juice from fruit sections contained therein.

2,130,611
VALVE
Harry J. McCombs Burdick, Anaheim, Calif.
Application March 24, 1936, Serial No. 70,639
11 Claims. (Cl. 137—139)



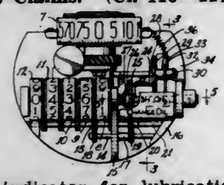
1. In a valve device, a body having an inlet and an outlet, a valve seat between said inlet and said outlet, a valve on said seat, a cylinder on said body, a piston in said cylinder, a plunger rod on said piston and connected to said valve, said cylinder having a conduit opening at each end into the cylinder, means for controlling passage of fluid through said conduit, said cylinder having another conduit communicating with the cylinder at spaced points, valve means to control the passage of fluid through said other conduit, said other conduit being independent of and shorter than said first conduit, and means to bleed said cylinder.

2,130,612
FLUID PRESSURE BRAKE CONTROL
John Canetta and Earle S. Cook, Wilkinsburg, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application December 18, 1936, Serial No. 116,446
11 Claims. (Cl. 303—13)



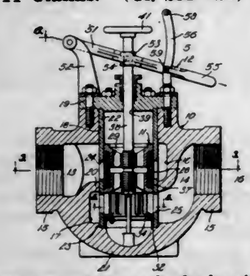
1. In a fluid pressure brake system, in combination, a brake pipe normally charged with air under pressure, brake controlling valve means operative upon a reduction in the pressure of air in said brake pipe for effecting an application of the brakes, a train pipe normally charged with a fluid medium having the property of propagating waves of pressure variation at a speed higher than that in air, pilot valve means operative upon a reduction in the pressure of said fluid medium in the train pipe for venting air under pressure from the brake pipe, manually controlled means operative to effect a reduction in the pressure of the fluid medium in said train pipe, and means controlling the supply of air to the brake pipe and operative in response to operation of said manually controlled means for cutting off said supply.

2,130,613
AUTOMATIC INDICATOR
Donald D. Colee, San Diego, Calif., assignor of one-half to Ralph H. Brauer, San Diego, Calif.
Application January 9, 1937, Serial No. 119,822
8 Claims. (Cl. 116—114)



1. In an indicator for lubrication of motor vehicles, the combination of an odometer, a drive shaft for operating said odometer, a star wheel, a support for said star wheel, gear mechanism actuated by said drive shaft to effect a complete rotation of said wheel during the registration of a predetermined number of miles on said odometer, said mechanism being provided with a gear member having a pin for actuating said wheel, and means for indicating the need for lubrication at each completed rotation thereof.

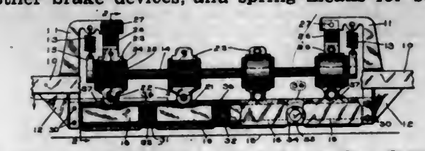
2,130,614
VALVE
William B. Collins and Walter W. Boggs, Los Angeles, Calif.
Application November 8, 1935, Serial No. 48,832
11 Claims. (Cl. 251—27)



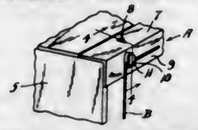
1. A valve comprising a body having an inlet, an outlet and an opening, a valve movable in the opening comprising a closure member adapted to extend across the inner end of the inlet, packing at the opposite ends of the member for sealing with the wall of the opening at opposite sides of the inlet, and parts movable to compress the packing against the said wall, and a stem rotatable to move said parts to actuate the packing and axially shiftable to move the valve between the open and closed positions.

2,130,615
MAGNETIC BRAKE SHOE
Philip L. Crittenden, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application October 15, 1936, Serial No. 105,637
7 Claims. (Cl. 188—165)

1. In a magnetic track brake construction, a plurality of magnetic track brake devices, a common support member for all of said track brake devices, means including at least one resilient and yieldable element for supporting said brake devices from said common support member, said yielding element permitting each of said track brake devices to move relative to said support member, whereby when said brake devices are in contact with a rail each track brake device may align itself with the rail independent of the other brake devices, and spring means for supporting said common support member from a vehicle truck frame.

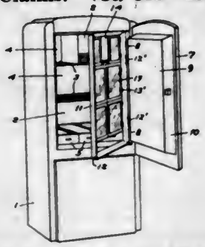


2,130,616
DISPLAY DEVICE
Clarence J. Davis, Minneapolis, Minn., assignor to Nash-Finch Company, Minneapolis, Minn., a corporation of Delaware
Application December 13, 1937, Serial No. 179,505
2 Claims. (Cl. 217—56)



1. The combination with a box having an open top and within which fruit and the like may be displayed, of a pair of angle bars mounted on the tops of opposite walls of the box, each angle bar having a flange overlying the top of the wall to which it is secured and equipped with a plurality of spaced hooks and a cord laced across the opening in the box and retained in position by the hooks of the two bars.

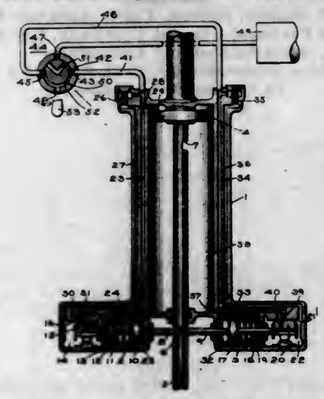
2,130,617
REFRIGERATOR
Herbert A. Dockham, Crockett, Calif., assignor of one-third to Hazel L. Groves, San Francisco, Calif.
Application March 23, 1936, Serial No. 70,344
3 Claims. (Cl. 312—189)



1. In a refrigerator, a housing having a cooling chamber for storing food, a drawer in the cooling chamber, a door for closing the cooling chamber and a second door inside the first door having an opening through which the drawer may be moved, the drawer having a front wall cooperating with the second door in forming a complete closure for the cooling chamber and arranged to permit the second door to be opened without moving the drawer.

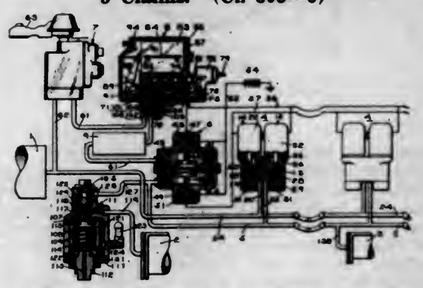
2,130,618
FLUID PRESSURE MOTOR AND LOCKING MEANS THEREFOR
Aldo Gnavi, Turin, Italy, assignor, by mesne assignments, to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application April 30, 1937, Serial No. 139,929
In Italy September 3, 1936
1 Claim. (Cl. 121—40)

In a mechanism for controlling the projecting and retracting of an aeroplane landing gear, in combination, a cylinder, a piston slidably mounted in said cylinder and movable by fluid under pressure from a position at one end of said cylinder to a position at the opposite end of said cylinder, a rod secured to and movable with said piston, locking means for securing said rod and piston against movement, means for operating said locking means to lock said rod and piston and operative by fluid under pressure to release said rod and piston, valve means having one position for releasing fluid under pressure from said means and another position for supplying fluid



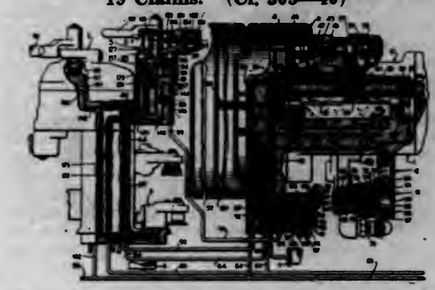
under pressure to said means for effecting the operation thereof and to said piston for moving said piston and rod, and a valve controlling communication from said valve means to said piston and operative by said means after release of said rod to open said communication and operative to close said communication at all other times, and a check valve in a communication between said valve means and piston by-passing said valve and through which communication fluid under pressure is adapted to be released from said piston upon the release of fluid under pressure from said means.

2,130,619
FLUID PRESSURE BRAKE
Ellis E. Hewitt, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application May 26, 1936, Serial No. 81,858
5 Claims. (Cl. 303—6)



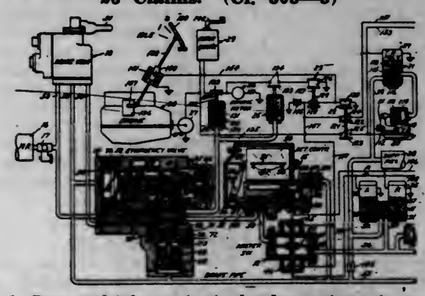
1. In a fluid pressure brake system, the combination of a traction truck brake cylinder, a trailer truck brake cylinder, means for causing fluid under pressure to be supplied simultaneously to both cylinders to establish synchronously therein the same pressure for effecting application of the brakes in unison, means operative to cut off the further supply of fluid under pressure to the traction truck brake cylinder, regardless of the further supply of fluid under pressure to the trailer truck brake cylinder, when the pressure of the fluid in the traction truck brake cylinder attains a certain uniform pressure, and a safety valve for limiting the pressure in the traction truck brake cylinder to a different uniform pressure which is higher than the said certain uniform pressure.

2,130,620
FLUID PRESSURE BRAKE
Ellis E. Hewitt, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application June 2, 1937, Serial No. 145,977
19 Claims. (Cl. 303—40)



1. In a vehicle fluid pressure brake equipment, in combination, application means operative on an increase in fluid pressure in an application chamber for effecting an application of the brakes, valve means for supplying fluid to said application chamber, a delay valve controlling the rate of increase in fluid pressure in said chamber on the supply of fluid thereto by said valve means, manual means for controlling said delay valve, and means associated with said valve means for also controlling said delay valve irrespective of operation of said manual means.

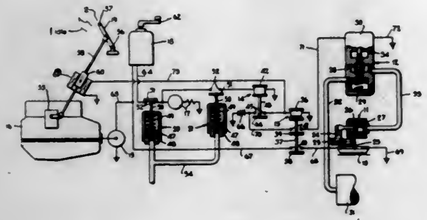
2,130,621
MAGNETIC BRAKE CONTROL
Ellis E. Hewitt, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application January 13, 1937, Serial No. 120,385
26 Claims. (Cl. 303—3)



1. In a vehicle or train brake system, in combination, a fluid pressure brake system, a magnetic track brake system, control means operative when effecting a service application of the brakes to effect the operation of one of said brake systems only, and when effecting an emergency application of the brakes to effect the concurrent operation of both of said systems, a retardation

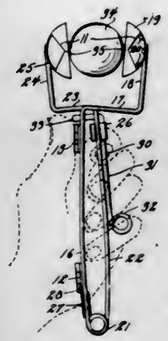
controller device operable to control the operation of one of said brake systems only to limit the rate of retardation of the train to a predetermined value, and means automatically operable when effecting an emergency application of the brakes to adjust said retardation controller device to permit a higher rate of retardation of the train than said predetermined value.

2,130,622
ELECTRIC BRAKE MEANS
Ellis E. Hewitt, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Original application January 13, 1937, Serial No. 120,385. Divided and this application July 16, 1937, Serial No. 153,911
12 Claims. (Cl. 192—3)



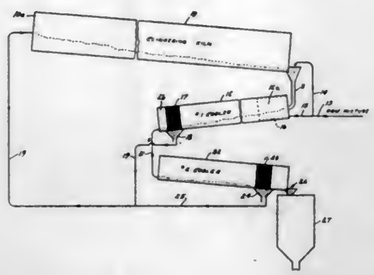
1. In a train brake system, in combination, a vehicle driving motor, a generator, an engine for driving said generator, said engine having a control element positionable to cause said engine to be driven at a selected speed, a track brake system, means for effecting the operation of said track brake system from electric power delivered by said generator, and means operated upon the supply of electric power to said track brake system for controlling the position of said control element.

2,130,623
EGG HANDLING DEVICE
Harry E. Hines and Clifford T. Stolpestad, Monroe, Mich.
Application April 16, 1937, Serial No. 137,205
10 Claims. (Cl. 146—2)



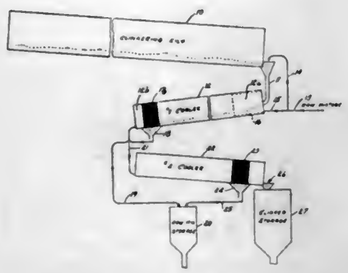
1. A hand tool comprising four relatively-movable arms in complementary pairs, a connecting hinge between two of said arms, of said remaining two arms one has terminal spring connection with one of said hinge connected arms and the other of said remaining arms has spring connection with the other hinge connected arm, there being a combined directing and control handle for the arms along the hinge away from the spring connections.

2,130,624
PROCESS OF MANUFACTURING PORTLAND CEMENT
Harry E. Kaiser, Colton, Calif., assignor to California Portland Cement Company, Los Angeles, Calif., a corporation of California
Application September 20, 1937, Serial No. 164,686
18 Claims. (Cl. 263—53)



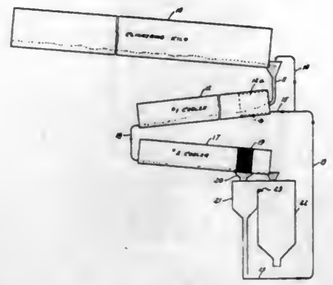
1. The process that includes, admixing finished hot Portland cement clinker with relatively cool argillaceous and calcareous materials to cool the clinker and heat said materials, then separating said materials from the clinker and calcining said materials at a temperature of incipient fusion to produce Portland cement clinker.

2,130,625
PORTLAND CEMENT CLINKER QUENCHING PROCESS
Harry E. Kaiser, Colton, Calif., assignor to California Portland Cement Company, Los Angeles, Calif., a corporation of California
Application September 20, 1937, Serial No. 164,687
16 Claims. (Cl. 263—53)



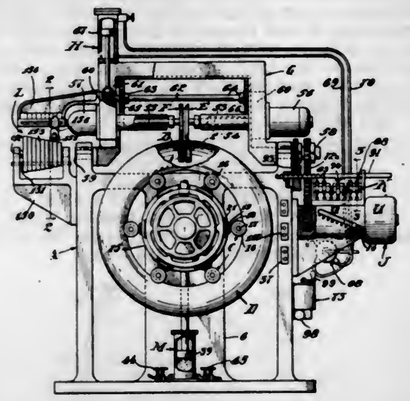
1. The process that includes, rapidly quenching finished hot Portland cement clinker by intimately admixing with the clinker a substantially dry Portland cement raw mixture.

2,130,626
PROCESS FOR QUENCHING PORTLAND CEMENT CLINKER
Harry E. Kaiser, Colton, Calif., assignor to California Portland Cement Company, Los Angeles, Calif., a corporation of California
Application September 20, 1937, Serial No. 164,688
10 Claims. (Cl. 263—53)



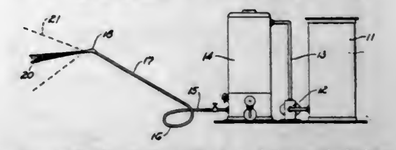
1. The process that includes, quenching hot Portland cement clinker by admixing relatively cool Portland cement clinker with the hot clinker.

2,130,627
MACHINE FOR PREPARING TIRES FOR RETREADING
John L. Kelly, Los Angeles, Calif.
Application June 14, 1937, Serial No. 148,165
22 Claims. (Cl. 29—27)



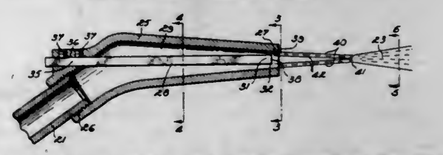
1. A machine for preparing tires for retreading, comprising tire supporting means, means for rotating a tire around said means, a rotary cutter, means for rotating said cutter, means for moving said cutter back and forth in paths transversely of the tire, means for automatically moving the cutter into and out of tire engaging position when the cutter is disposed in different positions in said paths, and control means arranged to be selectively manually set to prescribe different transverse movements of said cutter and which operates automatically to produce predetermined movements of the cutter in said transverse paths and into and out of tire engaging position.

2,130,628
SPRAY DEVICE AND NOZZLE THEREFOR
Walter B. Kerrick, Los Angeles, Calif., assignor, by mesne assignments, to Clayton Manufacturing Company, Alhambra, Calif., a corporation of California
Application July 30, 1934, Serial No. 737,587
Renewed September 14, 1937
10 Claims. (Cl. 299—107)



1. A method of forming a jet containing vaporized and unvaporized material and for preventing excessive spreading of the resulting jet when moving in a discharge zone, which method includes the steps of: delivering under pressure to a tubular confined space a stream containing both vaporized and unvaporized material; restricting the cross-sectional area of this tubular stream before discharge into said discharge zone and then discharging the restricted stream in tubular form into said discharge zone; and reducing the pressure within the discharged tubular stream in a manner tending to draw the stream together thus preventing excessive spreading and forming a concentrated jet.

2,130,629
SPRAYING DEVICE
William Clayton, Pasadena, Calif., assignor to Clayton Manufacturing Company, Alhambra, Calif., a corporation of California
Application June 9, 1936, Serial No. 84,259
12 Claims. (Cl. 299—107)

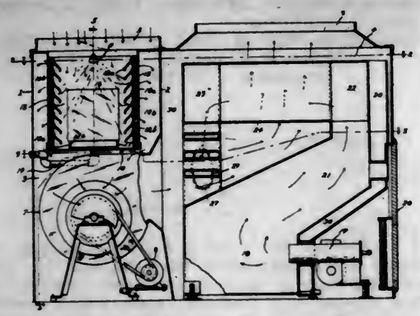


1. A device of the character described for delivering a concentrated jet, including: a tubular wall having one end thereof disposed so as to receive a stream of fluid and having the other end thereof forming a discharge opening of flattened cross section; and a core of flattened cross section extending axially within said tubular member so as to form a tubular passage therein, said core extending into said discharge opening to define therein a tubular discharge orifice and terminating in a relatively flat end surface whereby said fluid stream creates a zone of reduced pressure adjacent said relatively flat end surface tending to draw the resulting jet together.

2,130,630
AIR CONDITIONING APPARATUS
August M. Kolstad, Detroit, Mich., assignor to Domestic Air Conditioning Company, Highland Park, Mich., a corporation of Michigan
Application July 19, 1935, Serial No. 32,219
2 Claims. (Cl. 126—110)

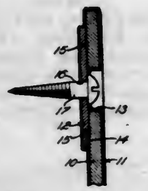
1. An air conditioning apparatus comprising a combustion chamber, a plurality of flues spaced above the combustion chamber, and spaced from each other to form substantially vertical air passages, a pair of headers connected by said flues, a

flue delivering gases from the combustion chamber to one of said headers, a pair of spaced flues downwardly extending from the other header, one of said downwardly extending flues having



an outlet for gases, a plurality of vertically spaced flues connecting the two downwardly extending flues, and means for impelling air between the downwardly extending flues and above the combustion chamber to said air passages.

2,130,631
ENAMELED ARTICLE
Joseph T. Penton, Los Angeles, Calif.
Application February 17, 1936, Serial No. 64,273
14 Claims. (Cl. 189—34)



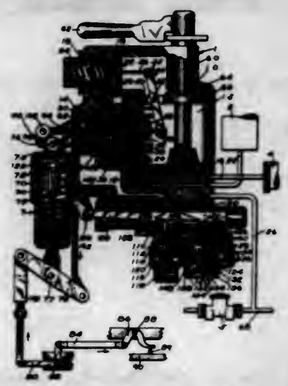
12. As an article of manufacture, a vitreous enameled metallic base, and a part of rust resistant metal to which vitreous enamel will not readily adhere, welded directly to the base to facilitate the connection of the base with an object.

2,130,632
POWER TRANSMISSION
Gurdon T. Pollard, Denver, Colo.
Application December 20, 1937, Serial No. 180,804
7 Claims. (Cl. 74—259)



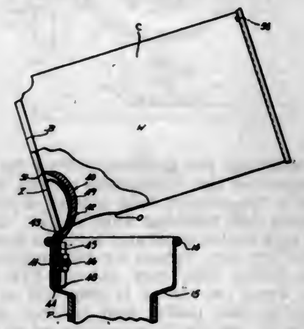
1. In a transmission device of the type having a drive gear, planet gears in mesh with the drive gear and free to revolve thereabout and a sun gear in mesh with the planet gears, means for preventing said sun gear from rotating reversely while allowing said sun gear to rotate forwardly; and means for employing the tendency of said sun gear to reverse to actuate a transmission device to obtain a lower gear ratio.

2,130,633
VARIABLE LOAD BRAKE
John W. Rush, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application December 1, 1936, Serial No. 113,629
1 Claim. (Cl. 303—22)



In a vehicle fluid pressure brake equipment, in combination, application means operative on an increase in fluid pressure to effect an application of the brakes, a self-lapping brake valve device comprising a movable abutment, valve means movable by said abutment and also movable relative to said abutment for controlling the supply and release of fluid under pressure to and from the application means, a spring seat, a spring extending between said spring seat and said abutment, said abutment being subject to the opposing pressures of the fluid supplied to said application means and of said spring, manual means independent of said abutment for moving said valve means relative to said abutment, and means responsive to the load on the vehicle for adjusting the spring seat relative to said abutment and thereby varying the force exerted by said spring on said abutment.

2,130,634
DEVICE FOR OPENING CANS
Norman N. Wiswell, Los Angeles, Calif.
Application November 19, 1934, Serial No. 753,659
3 Claims. (Cl. 184—105)



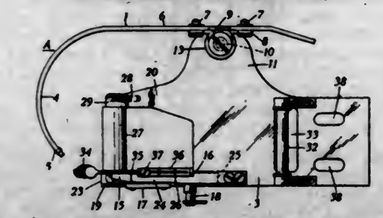
1. A can opening device for use in combination with the lubricant receiving pipe of an engine, said device including, a body on the pipe, and a cutter projecting from the upper end of the body, the cutter being curved upwardly and outwardly to have an outwardly facing point operable to pierce a wall of a can and engageable by another wall of the can to limit its movement.

2,130,635
VACUUM CLEANER
Dewey M. Dow, Donald L. Boyd, and Frederick H. Burmeister, Toledo, Ohio, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio, a corporation of Delaware
Application September 10, 1937, Serial No. 163,264
4 Claims. (Cl. 15—158)



1. A suction tool that has in cross section the form of an elongated rectangle and is adapted for bare floor cleaning, having in combination, a nozzle, an oblong brush holding plate detachably secured to and extending across the mouth of the nozzle, a series of substantially continuous, straight, parallel rows of downwardly extending brush bristles in said plate arranged obliquely to the longitudinal axis of the brush holding plate, a series of elongated suction inlets extending through said plate and having their longest dimension extending between and in parallel relation to said rows of brush bristles, said rows of bristles extending substantially to the longitudinal edges of the brush holding plate and providing at said edges unobstructed spaces between adjacent rows of bristles which communicate with the respective suction inlets, the foregoing construction being such that said rows of bristles direct toward said suction inlets the dust and dirt particles entering said spaces as said tool is moved to and fro transversely of its longest dimension.

2,130,636
LOOM WITH STATIONARY WEFT SUPPLIES
Charles Clutsom, St. Michaels, Ashby-de-la-Zouch, England
Application September 3, 1937, Serial No. 162,369
In Great Britain September 19, 1936
11 Claims. (Cl. 139—124)



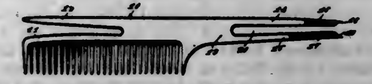
1. In a weaving loom, in combination, a weft laying member pivotally mounted and adapted to operate to carry weft to and fro through a shed of warps, a guide, a latch needle attached to a carrier bar slidably mounted for reciprocation in said guide, said needle being adapted to operate in conjunction with the weft laying member to ensure laying of the weft to and fro through the shed and to form a knitted selvedge, a cam for effecting deflection of the needle on the forward strokes whereby positive engagement of the weft with the needle is facilitated, a part providing a knocking over edge adjacent to the needle to facilitate formation of said selvedge, and a slotted guide for supporting fabric adjacent to the fell while being woven.

2,130,637
VACUUM SEALING CAN
Frank L. Darling, Douglaston, N. Y., assignor, by mesne assignments, to Crown Can Company, Philadelphia, Pa., a corporation of Pennsylvania
Application November 15, 1935, Serial No. 50,019
1 Claim. (Cl. 220—44)



In a can having a filling opening bounded by an upwardly and outwardly flared flange, a plug-type closure fitting into said opening, and having an annular upstanding wall merging with an annular crown portion which overlies said flange on the can, said flange and said annular upstanding wall providing between them a space having, in cross-section, substantially the outline of an acute angle, and a rubber elastic sealing ring on said upstanding wall and adapted to be entirely positioned between said flange and said wall to form a seal when the closure is in place, the outer surface of said sealing ring being adapted to contact with said flared wall in such closed position, means to arrest the insertion of said closure before the edge of said flange can touch said crown portion, said closure having points adapted to be secured to the can and by virtue of which the closure itself may act as a pressure relief valve, the movement of said sealing ring within said acute-angle space upon closing movement of the closure causing said sealing ring to be wedged and entirely seated between said upstanding wall and said flared flange, and upward opening movement of said closure with said sealing ring thereon resulting in establishing a vent between said sealing ring and said flared flange.

2,130,638
FINGER WAVE COMB
Josie D. Donahoo, Los Angeles, Calif.
Application December 30, 1937, Serial No. 182,581
1 Claim. (Cl. 132—35)

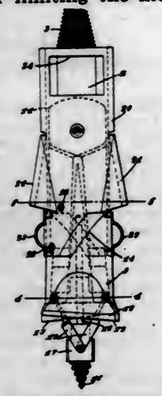


A finger wave comb having a back, teeth integral with the back, a "rat tail" integral with the back on the opposite side thereof from the teeth and extending from one end of the back toward the opposite end thereof for about one-half the length of the toothed portion of the back, said "rat tail" being adapted to part the hair preliminary to winding a curl upon the "rat tail", and a handle projecting from the back at the opposite end thereof from the "rat tail" and slit longitudinally to provide substantially parallel spaced fingers, said fingers being resilient and adapted to clamp therebetween hair treating tools, said fingers being slotted at their free ends to receive bobby pins.

2,130,639
ROTARY OIL WELL DRILL BIT
Clifford R. Foster, Avoca, Tex.
Application January 25, 1938, Serial No. 186,884
5 Claims. (Cl. 255—76)

1. A rotary drill bit comprising a body having opposed grooves connecting with each other adjacent the upper end of the body, cutting elements each including a shank, a pivotal portion and a

cutting end with the pivotal portion in the connecting portions of the grooves disposing the shanks in the grooves and the cutting elements at the lower ends of the grooves and partially outwardly thereof, a pivot carried by the body and connecting the pivotal portions of the cutting elements in overlapping relation, means carried by said body for limiting the movement of the



cutting elements out of the grooves, said grooves defining therebetween a partition provided with a recess and a guide bore, a feeder including a head slidable in said recess and a guide plunger integral therewith and slidable in the bore, connecting links pivoted on the head and the cutting elements to bring about spreading of the cutting elements on engagement of the feeder with a formation.

2,130,640
TIE AND COLLAR HOLDER
William J. Grubb, New York, N. Y.
Application December 6, 1937, Serial No. 178,365
4 Claims. (Cl. 24—85)



1. A combined folded collar and knotted necktie holder comprising a body bar, a clamp bar cooperating with the body bar to provide clamping means for the flaps of the collar, a knot receiving pin secured to the body bar and extending at an inclined angle therefrom midway its ends, an ear formed on the clamp bar and having a notch therein, and said ear being wrapped about the body bar with the pin received in the ear for cooperation with the latter to secure the clamp bar to the body bar.

2,130,641
SKATE
William J. Grubb, Martinsburg, W. Va.
Application December 29, 1937, Serial No. 182,327
6 Claims. (Cl. 280—11.12)



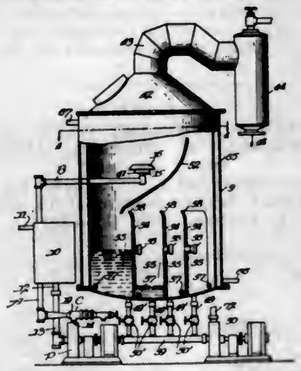
1. In a skate structure, a frame including a blade holder, a blade mounted within said holder and fashioned with coextending abutting blade sections having lower sharp corners, and means carried by said holder for maintaining said blade within said holder in a manner to permit said blade sections to be transposed relative to each other to present sharp corners on the outer faces of said sections when the other corners have become dull due to wear.

2,130,642
SKATE BLADE HOLDER
William J. Grubb, Martinsburg, W. Va.
Application January 8, 1938, Serial No. 184,072
6 Claims. (Cl. 280—11.12)



1. A device of the character described, comprising, a skate having a one piece blade holder fashioned with oppositely disposed resilient jaws adapted to receive and clamp therebetween a skate blade, said holder having slotted end sections for receiving end sections of said skate blade whereby to prevent relative longitudinal movement therebetween.

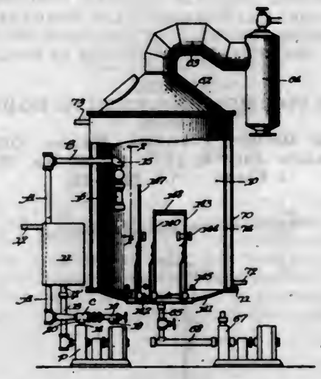
2,130,643
APPARATUS FOR TREATING LACTIC FLUIDS
Bernard W. Hammer, Ames, Iowa, and Herman C. Horneman and Milton E. Parker, Danville, Ill., assignors to Sealtest System Laboratories, Inc., Baltimore, Md., a corporation of Maryland
Application March 26, 1935, Serial No. 13,168
3 Claims. (Cl. 99—251)



1. An apparatus for treating liquids such as lactic fluids comprising a vacuum chamber, means for maintaining reduced pressure therein including a withdrawal passage adjacent one end of the chamber, a line communicating with a source of liquid supply and extending within said chamber, said line terminating at its end within the chamber in an outlet whose cross-sectional area is a small fraction of the cross-sectional area of the line, means for injecting steam into the line at sufficient distance from said outlet whereby a pressure differential is built up between the line side of the outlet and the vacuum chamber side sufficient to cause violent and spontaneous expansion of the mixture introduced to the chamber, said steam injecting means comprising a Venturi device interposed in said line, said venturi having outlet means directing steam and liquid at high speed into bombarding relation with each other at the portion of the venturi

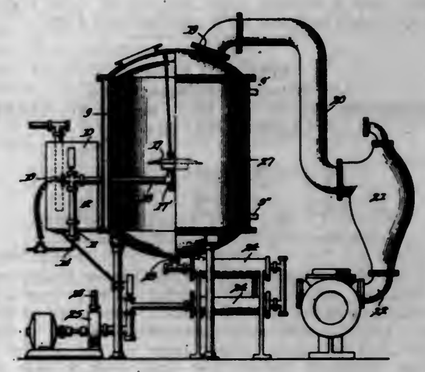
having a reduced cross section, said outlet discharging the mixture in freely suspended, finely broken state and being disposed sufficiently below the said pressure reducing passage to prevent substantial entrainment and far enough from the bottom of the chamber to give the falling particles projected from the outlet sufficient time for adequate separation out of the vapor and liquid phase constituents, said means for creating a reduced pressure operating to remove vapor phase constituents through said passage, and another outlet remotely spaced from said passage for removing liquid phase constituents.

2,130,644
APPARATUS FOR TREATING LACTIC FLUIDS
Bernard W. Hammer, Ames, Iowa, Herman C. Horneman, Sidney N. Quam, and Fred F. Lockwood, Danville, Ill., Howard F. Beery, Omaha, Nebr., and Milton E. Parker, Danville, Ill., assignors to Sealtest System Laboratories, Inc., New York, N. Y., a corporation of Maryland
Application November 23, 1935, Serial No. 51,278
4 Claims. (Cl. 99—251)



1. An apparatus for treating liquids such as lactic fluids comprising a vacuum chamber, means for maintaining a reduced pressure therein including a withdrawal passage adjacent one end of the chamber, a line communicating with a source of liquid supply and extending within said chamber, said line terminating at its end within the chamber in an outlet whose cross-sectional area is a small fraction of the cross-sectional area of the line, means for injecting steam into the line at a sufficient distance from the said outlet and means for injecting steam into the steam fluid mixture at said outlet, whereby a pressure differential is built up between the line side of the outlet and the vacuum chamber side, and when the mixture is introduced to the chamber violent and spontaneous expansion of the mixture will take place, said outlet discharging the mixture in freely suspended finely broken state, and being disposed sufficiently below the said pressure reducing passage to prevent substantial entrainment and far enough from the bottom of the chamber to give the falling particles projected from the outlet sufficient time for adequate separation of the vapor and liquid phase constituents, said means for creating a reduced pressure operating to remove vapor phase constituents through said passage, and another outlet remotely spaced from said passage for removing liquid phase constituents.

2,130,645
APPARATUS FOR PASTEURIZING AND DEODORIZING LIQUIDS
Herman C. Horneman, Danville, Ill., assignor to Research Laboratories of National Dairy Products Corporation, Inc., Baltimore, Md., a corporation of Maryland
Application July 21, 1933, Serial No. 681,656
Renewed March 11, 1938
2 Claims. (Cl. 99—251)

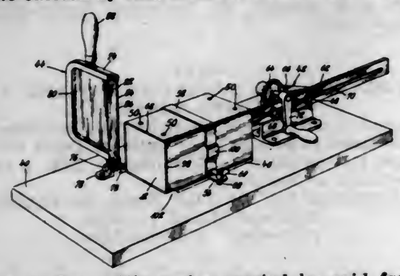


2. An apparatus for treating liquids such as lactic fluids comprising a vacuum chamber, means for maintaining reduced pressure therein including a withdrawal passage adjacent one end of the chamber, a line communicating with a source of liquid supply and extending within said chamber, said line terminating at its end within the chamber in a reduced outlet whose total cross-sectional area is a small fraction of the cross-sectional area of the line, means for injecting steam into the line at sufficient distance from said reduced outlet whereby a pressure differential is built up between the line side of the reduced outlet and the vacuum chamber side sufficient to cause violent and spontaneous expansion of the mixture introduced to the chamber, said outlet having mounted thereon in surrounding relation, a downwardly inclined baffle to discharge the mixture downwardly and outwardly in said chamber and in freely suspended finely broken state, the outlet being sufficiently below the said pressure reducing passage to prevent entrainment and far enough from the bottom of the chamber to give the falling particles projected from the outlet a sufficient time for adequate separation out of the vapor and liquid phase constituents, said means for creating a reduced pressure operating to remove vapor phase constituents through said passage, and another outlet remotely spaced from said passage for removing liquid phase constituents.

2,130,646
MERCHANDISING PACKAGE
Everett A. Janke, Monroe, Wis.
Application July 12, 1935, Serial No. 31,115
6 Claims. (Cl. 31—20)

3. A food severing device of the type described comprising a pivotally mounted frame, a glass

plate carried by said frame and having a beveled



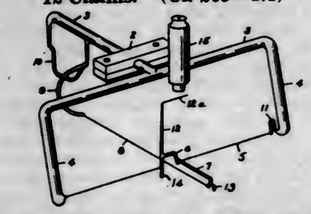
edge, and a cutting wire carried by said frame in operative relation with said beveled edge.

2,130,647
SPIRIT LEVEL
Lee Milner, Portsmouth, Va.
Application March 30, 1937, Serial No. 133,877
2 Claims. (Cl. 33—213)



1. In an instrument of the character described, a straight edged blade having a well opening through opposite sides and one longer edge of the same, transparent panels covering the well at the sides and the said longer edge of the blade, a rotary element within the well, and a pair of spirit level tubes carried by said element, being in longitudinal alignment with each other and rendering visible a single bubble at both sides of the axis of rotation of said element through said transparent panels.

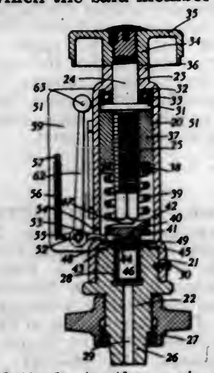
2,130,648
TORSION GRAVIMETER
Lewis M. Mott-Smith, Houston, Tex.
Application July 23, 1935, Serial No. 32,756
12 Claims. (Cl. 265—1.4)



4. A gravity surveying apparatus including a torsion fiber; a weight arm connected to said fiber; and a labilizer connected to said weight arm to accentuate movements thereof.

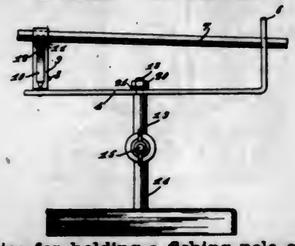
2,130,649
APPARATUS FOR MEASURING FLUID PRESSURE
John Okill, Lower Bebington, England
Application January 14, 1937, Serial No. 120,572
In Great Britain January 23, 1936
9 Claims. (Cl. 73—111)

1. In apparatus for measuring fluid pressure the combination with, a cylinder subject to the pressure to be measured, a piston moving in said cylinder between limit stops, a tell-tale device actuated by the piston, a pressure transmitting member, a spring interposed between the piston and said member, a traversing screw engaging a screw-threaded part of the said member, and means for indicating the extent of movement of the said member; of a casing attached to the cylinder and having a bore in which the said member is guided longitudinally of the cylinder, means by which the said member is held against



rotation relatively to the casing, a thrust and journal bearing in the top of the casing by which the traversing screw is rotatably mounted and held against axial movement, and means external to the casing connected to the traversing screw by which the latter can be rotated by hand.

2,130,650
DEVICE FOR HOLDING FISHING RODS OR POLES
David Herbert Peterson, Marion, Ohio
Application July 8, 1935, Serial No. 30,390
1 Claim. (Cl. 248—42)

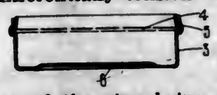


A device for holding a fishing pole comprising pivotally connected members capable of being adjusted angularly to each other and one adapted for connection to a support and the other member having the free end thereof reduced and screw threaded, a bar having a series of openings arranged longitudinally thereof and any one of the openings receiving the reduced screw threaded end of the last-named member, a nut threaded on said end of the last-named member, said bar having a portion thereof forked and bent at right angles thereto to form a rest for a fishing pole, flexible jaws secured to the bar and paralleling the forked portion of said bar to receive the pole, and means carried by said jaws to force the latter to grip said pole.

2,130,651
CLOSURE FOR CANISTERS, BOXES, CANS, JARS, AND THE LIKE CONTAINERS
Trevor Watts Phillips, London, England, assignor of one-half to Vacseal Containers Limited, London, England, a British company
Application June 19, 1936, Serial No. 86,180
In Great Britain February 10, 1936
4 Claims. (Cl. 220—46)

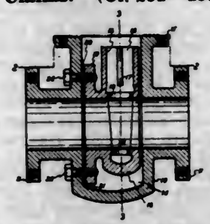
1. A closure for containers comprising a container, a cap, and a flat rubber packing ring,

said container having a peripheral shoulder thereon with a peripheral groove contiguous thereto above the shoulder, said ring being mounted with one edge received in and indexed by said groove, with the portion of the ring intermediate its edges extending over said shoulder to differentially tension the same, and



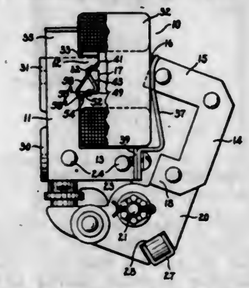
the other edge of the ring being unrestrained, and said cap having a flared rim adapted to engage said ring where it is tensioned over the shoulder to form a self-accommodating packing therewith, the angle of flare of said ring being less than the angle of friction of the material of said cap to rubber.

2,130,652
GATE VALVE BODY
Ralph M. Robeson, Los Angeles, Calif.
Application April 26, 1937, Serial No. 138,963
2 Claims. (Cl. 251—155)



1. In a gate valve body: an external body member having a well and a removable unitary seat member therein, said seat member being nonleakably attached to only one face of said well and embodying a seat adapted to mate with a rigid valve disk and an element opposed to said seat and arranged to hold said disk against said seat.

2,130,653
MOUNTING MEANS FOR SHADING COILS
Frank J. Russell, Wauwatosa, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application June 1, 1937, Serial No. 145,722
7 Claims. (Cl. 175—338)

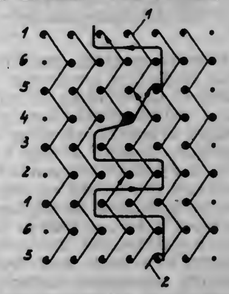


1. The combination with an alternating current magnet having a core formed with a groove at one end thereof to freely receive a shading coil of suitable form, a punched and stamped sheet metal shading coil having a portion thereof located within said groove, and a single, separate resilient metal member straddling said core for support thereby and having hooked ends respectively engaged under tension with opposite ends of said shading coil to positively but releasably retain the latter in assembled relation to said core.

2,130,654
METHOD OF PRODUCING WHIP
Edward P. Sadler, Louisville, Ky.
No Drawing. Application June 23, 1936, Serial No. 86,893
2 Claims. (Cl. 99—60)

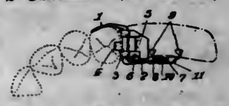
1. The method of producing a cold food product the bulk of which is about five times the original bulk of the ingredients of the mixture which includes the step of whipping chilled evaporated milk in a chilled container, adding sugar to the milk while being whipped, adding dry powdered gelatin to the milk thereby to jell by the absorption of moisture and continuing to whip the mixture to break up the jelled particles into small flakes of irregular shapes and sizes, a sufficient amount of gelatin being used to produce a whip of such consistency as to remain in the container when inverted, and then chilling the whip.

2,130,655
MANUFACTURE OF WARP GOODS
Paul Schönfeld, Chemnitz, Germany
Application August 16, 1937, Serial No. 159,399
In Germany July 21, 1937
2 Claims. (Cl. 66—86)



1. A method of producing transversely ribbed warp fabric by means of two lapping machines on a warp loom having only one row of needles, comprising lapping a ground fabric with the upper machine and carrying out underlaying operations with the lower machine, the lower machine being alternately racked once in the same direction as the upper machine and then again in a direction opposite thereto and carrying out overlaying operations when racked in opposite direction to the upper machine.

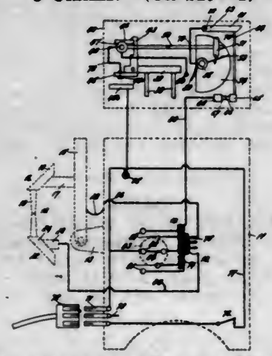
2,130,656
ATTACHMENT FOR ARTIFICIAL TEETH
Junzo Taguchi, Yotsuya-ku, Tokyo-shi, Japan
Application April 16, 1937, Serial No. 137,356
In Japan May 26, 1936
2 Claims. (Cl. 32—5)



2. An attachment device for artificial teeth comprising, a vulcanite-bed having the artificial teeth set therein, a clasp supported by the vulcanite-bed for gripping the pier tooth, a cross-member having a lug adapted to engage an

under-cut of the crown of the pier tooth, means for rotatably supporting said cross-member on the vulcanite-bed, a lever fixed to said cross-member, a holder having the ends thereof embedded in the vulcanite-bed, and a sleeve slidably mounted on the holder adapted to be moved over the free end of the lever for securing the lever in a position along the holder.

2,130,657
ELECTRIC WELDING MACHINE
Harold Gladstone Watkin, Liverpool, England
Application February 26, 1936, Serial No. 65,882
In Great Britain March 1, 1935
5 Claims. (Cl. 219—4)



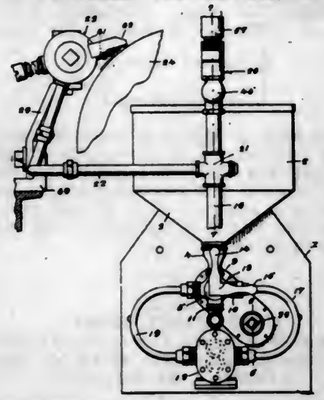
1. In an electric welding machine having a welding circuit including electrodes for connecting a work piece in the welding circuit, a welding-current-control switch means comprising a time switch including a contactor strip and a brush device, a reaction means, a trip catch, switch closing means, an operative connection between said trip catch and the switch closing means, said trip catch being arranged to engage said brush device and pre-set it to one side of the contactor strip against the action of the reaction means and subsequently to release said brush device so that on its return movement under the action of the reaction means it will traverse the contactor strip and close the welding circuit for a predetermined time, means for maintaining the welding circuit open during pre-setting of the brush device by the trip catch, a pilot switch having anti-sparking contacts, and an operative connection between said pilot switch and the time switch so arranged that the welding circuit is broken across the anti-sparking contacts of the pilot switch before the brush device has completed its return traverse across the contactor strip.

2,130,658
TIRE PATCH
Harley Morton Watson, Omaha, Nebr.
Application July 21, 1936, Serial No. 91,734
1 Claim. (Cl. 152—367)



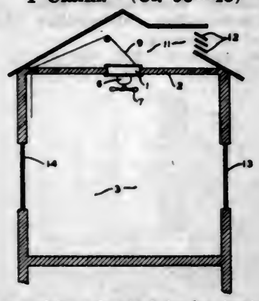
A device for anchoring a tire patch to a tire casing comprising, a washer-like head incut at intervals around its outer edge along non-radial lines to provide edge prong portions thereon, said portions being struck up from said head along lines radial to the axis of the latter.

2,130,659
PRINTING PRESS PORTABLE INK FOUNTAIN
Herman Wedemeyer, Detroit, Mich.
Application August 14, 1936, Serial No. 96,076
1 Claim. (Cl. 101—366)



A removable ink fountain for printing presses comprising a vertical support removably mounted on a press, an ink reservoir supported vertically by said support, a reversible gear type pump mounted on said support directly under the reservoir, a manually actuated reversing valve connecting said pump and the reservoir, an outlet pipe connected to said pump and including an adjustable relief valve and an overflow fitting with its discharge disposed over the reservoir, an ink distributor connected with said pipe between the reversing valve and the relief valve, and a manually controlled clutch connected to said pump and including a detachable coupling for joining the clutch to the power means of the press.

2,130,660
COMBINED CIRCULATING AND VENTILATING FAN ASSEMBLY
Malcolm P. Youker, Bartlesville, Okla.
Application August 17, 1936, Serial No. 96,405
1 Claim. (Cl. 98—43)



A fan assembly adapted to be installed in the ceiling of a room, the walls of which room are provided with air intake openings, said fan assembly comprising a short casing nested in an opening in said ceiling and forming an air discharge conduit from the room, an electric motor supported substantially within said casing, a fan mounted on and driven by said motor, said fan being disposed in a plane below said casing within said room, a closure for said air discharge conduit, and means located within said room for operating said closure, whereby when said closure

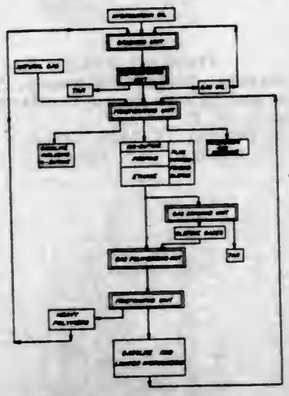
is in closed position, the operation of said fan will cause air to be drawn upwardly through the fan, deflected along the ceiling and uniformly circulated throughout said room, and when said closure is in open position, the air will be discharged from the room through said conduit.

2,130,661
TOOTH BRUSH
Oran C. Zaebst, Newark, N. J., assignor, by direct and mesne assignments, of forty-two and one-half percent to John Vanderkamp, and seven and one-half percent to George V. Schubel and Stanley Chadwick, all of Newark, N. J.
Application November 14, 1933, Serial No. 697,978
Renewed July 29, 1938
9 Claims. (Cl. 15—167)



1. An article of the character described comprising a brush handle, a shaft on one end of said handle, a freely pivoted base portion on said shaft, and a toothbrush mounted on the other end of said handle.

2,130,662
PRODUCTION OF MOTOR FUEL
Harold V. Atwell, White Plains, N. Y., assignor to Process Management Company, Inc., New York, N. Y., a corporation of Delaware
Application December 14, 1935, Serial No. 54,416
4 Claims. (Cl. 196—10)



1. The process of obtaining low-boiling normally liquid gasoline-like hydrocarbons from the products of cracking hydrocarbon oils which comprises fractionally separating such cracked products previously freed from constituents of higher boiling points than the desired motor fuel product into a gasoline fraction including substantially all of the normal butane, a gaseous fraction comprising hydrogen and methane, and an intermediate gaseous fraction comprising isobutane, subjecting said intermediate fraction to a polymerizing step wherein it is subjected to elevated temperature and pressure to form normally liquid products, separating products heavier than the desired motor fuel from the products of polymerization and returning at least a portion of the remaining lighter products, including butanes, to said fractional separation step.

2,130,663
DOOR HINGE
Lewis B. Baker, St. Louis, Mo., assignor of thirty percent to Joseph J. Yeater and thirty percent to Kurt G. Gauglitz, St. Louis, Mo.
Application April 2, 1937, Serial No. 134,469
5 Claims. (Cl. 16—164)

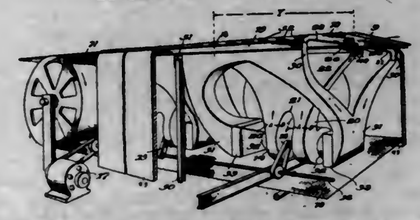


1. In a hinge of the character described, the combination with two hinge plates adapted to be secured to the opposed edges of a door frame and a door, respectively, of a pair of connecting links pivotally connected at their respective ends between opposed side members on said plates, vertically aligned posts of rectangular section on said side members having flat outer surfaces to effect the maximum supporting contact for said plates in the closed position and to effect the maximum supporting contact for said links at their side edges.

2,130,664
LUBRICANT
Julius F. T. Berliner, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 30, 1935, Serial No. 19,027
7 Claims. (Cl. 87—9)

1. A motor fuel combustion lubricant comprising a mixture of castor oil and the higher alcohols mixture obtainable by the catalytic pressure hydrogenation of oxide of carbon, boiling in the range of about 200–275° C.

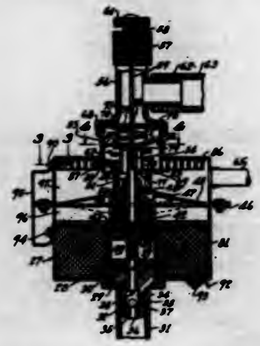
2,130,665
METHOD OF AND MACHINE FOR DRYING OR CONDITIONING WEBS OF PAPER AND THE LIKE
Donald B. Bradner, Hamilton, Ohio, assignor to The Champion Paper and Fibre Company, Hamilton, Ohio, a corporation of Ohio
Application September 18, 1935, Serial No. 41,171
14 Claims. (Cl. 34—48)



10. Method of conditioning webs which comprises passing air at high velocity over one side of the web, supporting this side of the web on a foraminous carrier and holding the web against the carrier by maintaining the static pressure

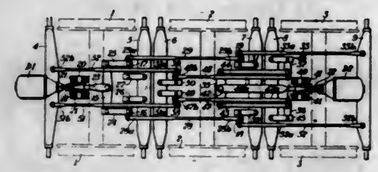
of the high velocity air adjacent thereto substantially uniformly just below the pressure on the opposite side of the web.

2,130,666
FUEL SUPPLY DEVICE FOR INTERNAL COMBUSTION ENGINES
Irven E. Coffey, St. Louis, Mo., assignor to Carter Carburetor Corporation, St. Louis, Mo., a corporation of Delaware
Original application January 28, 1932, Serial No. 589,436. Divided and this application July 23, 1936, Serial No. 92,133
16 Claims. (Cl. 123—119)



1. In combination with an internal combustion engine having a main fuel supply device, auxiliary fuel supply means including an atomizing pump, a heating element positioned to heat the atomized fuel discharged by said pump, an auxiliary air supply conduit, means for heating the air supplied by said conduit, a thermostat exposed to air from said conduit, an air valve controlled by said thermostat, said thermostat retaining the valve open when the engine is cold and shutting the valve when the engine is hot and thereby discontinuing the additional air supply when the engine operates at its normal running temperature, and means for conveying the auxiliary fuel and air supplies to the engine.

2,130,667
BRAKE RIGGING
William A. Gantner, Wilkinsburg, Pa., assignor to The American Brake Company, Swissvale, Pa., a corporation of Missouri
Application December 10, 1937, Serial No. 179,158
8 Claims. (Cl. 188—46)



1. In a brake rigging for a six wheel engine truck, in combination, brake shoes disposed on both sides of each wheel, fluid pressure operated means for moving all of the shoes on the forward sides of the wheels into engagement with the wheels, and other fluid pressure operated means for moving all of the shoes on the rear sides of the wheels into engagement with the wheels.

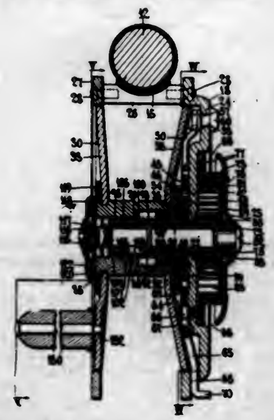
2,130,668
WETTING, CLEANSING, AND EMULSIFYING AGENT
Fritz Günther, Ludwigshafen-on-the-Rhine, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany, a corporation of Germany
No Drawing. Application December 9, 1927, Serial No. 239,003. In Germany December 11, 1926
23 Claims. (Cl. 260—290)

9. Wetting, cleansing and emulsifying products comprising an organic acid wetting agent selected from the group consisting of organic sulfonic acids and sulfuric esters of high wetting power and about equivalent amounts of an organic nitrogen containing base selected from the group consisting of aliphatic amines and monocyclic heterocyclic bases in which nitrogen is the hetero atom.

2,130,669
PROCESS FOR PRODUCING VALUABLE PRODUCTS FROM HYDROCARBON GASES
Warren K. Lewis, Newton, Mass., assignor to Standard Oil Development Company, a corporation of Delaware
Application September 2, 1933, Serial No. 688,035
12 Claims. (Cl. 260—641)

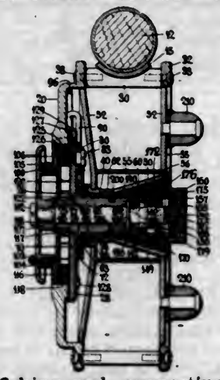
1. An improved process for direct hydration of olefins comprising passing the olefin in vapor form with steam through a series of pools of a catalyst comprising a dilute aqueous hydration agent maintained at a pressure in excess of 300 atmospheres and at a temperature between 250 and 350° C., adapted to permit the alcohol formed by the reaction to be distilled concurrently from the aqueous solution without concentration of the catalyst, removing the alcohol vapors and condensing the same.

2,130,670
FISHING REEL
Hyla F. Maynes, North Tonawanda, N. Y., assignor of one-half to Emma C. Maynes, North Tonawanda, N. Y.
Application October 14, 1936, Serial No. 105,555
15 Claims. (Cl. 242—84.3)



1. A fishing reel comprising a frame, a line winding spool rotatably carried in the frame and at least partially enclosed by the latter, a rotatable member journaled in the frame, one way clutch elements connected to said spool and to said member, means included with said member for positively actuating the clutch elements into clutching engagement in response to rotation of said member in one direction, a pulley connected rigidly to said rotatable member for rotation therewith adjacent the outer side of said frame and having an annular cord-receiving recess circumferentially open adjacent the outer side of the frame, said pulley having an inwardly opening cupped portion, a spiral spring substantially enclosed in said cupped portion and resisting rotation of the rotatable member, means for connecting the spring to the frame and to said member, and a cord normally wound upon the pulley and operable when drawn outwardly to rotate said member in said one direction in opposition to said spring.

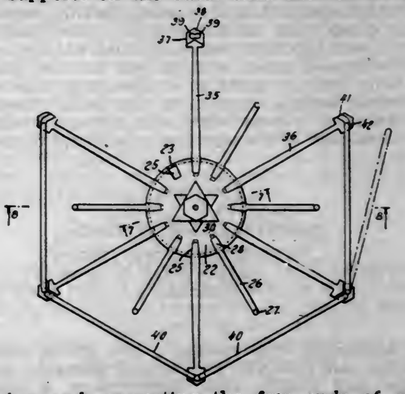
2,130,671
FISHING REEL
Hyla F. Maynes, North Tonawanda, N. Y., assignor of one-half to Emma C. Maynes, North Tonawanda, N. Y.
Application November 4, 1937, Serial No. 172,723
10 Claims. (Cl. 242—84.3)



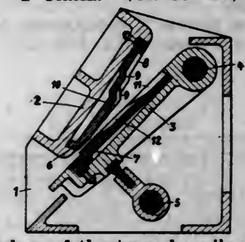
1. In a fishing reel, supporting structure including a bearing support assembled therewith, a spool unit rotatably mounted upon the bearing support and including relatively rotatable inner and outer sections, slip clutch mechanism carried by said sections for opposing relative rotation of the latter, connecting means between one of the sections and the supporting structure and operable to oppose rotation of the unit upon the bearing support, and a pair of actuating means connected to the outer section and inner section, respectively, for applying rotative force to said outer and inner sections, respectively, whereby rotative force can be applied through the slip clutch from the outer to the inner section or from the inner to the outer section.

2,130,672
DISPLAY RACK
Calvin C. McGaugh, Dallas, Tex.
Application June 22, 1937, Serial No. 149,561
3 Claims. (Cl. 211—165)

1. A display rack comprising a central supporting disk having peripheral, radially disposed notches, and a plurality of display supporting arms having inner ends arranged to fit within said notches, alternately arranged arms around the periphery of the disk having lugs of appreciable thickness thereon provided with vertical bores therethrough for pivotally supporting arms thereon, on vertical pivots for movement in a horizontal plane and the intermediate arms having supports on the outer ends thereof for retaining and supporting the free ends of said pivoted arms.



2,130,673
CRUSHER
Karl Meister, Magdeburg-Sudenburg, Germany, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany
Application January 7, 1935, Serial No. 795
In Germany January 16, 1934
1 Claim. (Cl. 83—53)

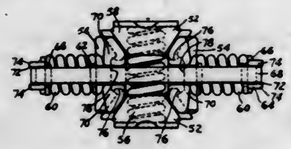


In a crusher of the type described, a machine frame having a transverse yoke with a sloping underside, a movable jaw arranged in said frame below said yoke and in opposition thereto, means for rocking said jaw, and crushing plates broadening toward their lower ends, one of said plates being secured to the underside of said yoke, the other plate being arranged on said movable jaw, the surfaces of said plates being in the form of alternating grooves and teeth extending downward from the upper zone of the plate to the lower zone adjacent the bottom edge of said plate providing a smooth lower surface on the plate, the bottom of each groove broadening downward and all the teeth diverging downwardly with respect to each other and tapering away into the surface of the lower zone of the plate, and additional teeth located respectively in each of the broadening bottoms of said grooves, the upper ends of said additional teeth terminating in the medial zone of the plate and their lower ends tapering away into the surface of the lower part of the plate.

2,130,674
FREIGHT CAR TRUCK SNUBBER
Alfred H. Oelkers and Fred E. Bachman, Chicago, Ill., assignors to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application July 31, 1935, Serial No. 34,037
17 Claims. (Cl. 267—9)

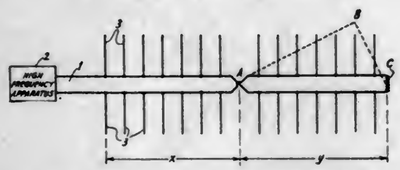
1. A self-contained friction device comprising

top and bottom follower wedges in the form of housings, each of said housings having an outer wall comprising seating means, cylindrical side walls and tapering end walls and an open end opposite said outer wall, a pair of side wedges having friction surfaces cooperating with said follower wedges, means on the inner edges of said end walls cooperating with slots on the inner faces of said side wedges to retain said followers



in assembled relationship, a coil spring housed within said follower wedges and operable to release said wedges after compression, a plurality of coil springs having their axes substantially at right angles to the first mentioned spring and operable by said side wedges, and yoke means surrounding said wedges and said last mentioned springs and acting as retaining means therefor.

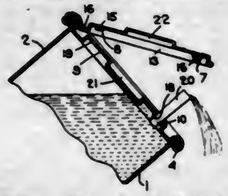
2,130,675
ANTENNA SYSTEM
Harold O. Peterson, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application March 3, 1936, Serial No. 66,816
3 Claims. (Cl. 250—11)



1. A directive antenna system for short waves comprising two closely spaced, substantially straight feeder conductors connected to high frequency translating apparatus, a plurality of groups of antenna units transversely coupled to said line, there being at least six of said antenna units per wave length of line for the operating frequency to each group, the polarities of said conductor being reversed between two groups of said antenna units for producing along said feeder a reversal in phase of the energy in said line, and an impedance connected across the end of said line farthest away from said high frequency translating apparatus, said impedance having a value equal to the surge impedance of said line as loaded by said antenna units.

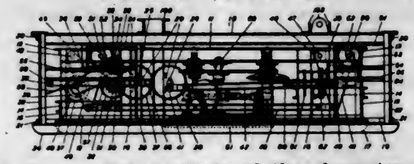
2,130,676
CAN
Harry Sebell, Boston, Mass., assignor of one-half to Arthur H. Parker, Lexington, Mass.
Application June 4, 1937, Serial No. 146,380
4 Claims. (Cl. 221—23)

1. A can having an imperforate integral wall provided with two lines of weakness, each of which defines a tear-out portion forming an integral part of said wall, and a cover member overlying and permanently secured to both tear-out portions, whereby when said cover member is pried loose from the can the tear-out portions will be torn out along the lines of weakness thereby forming two openings, one of which is a vent



opening and the other of which is a pouring opening that is adapted to receive a pouring spout.

2,130,677
WALKING VEHICLE
Frederick Turnbull, Newcastle-upon-Tyne, England
Application July 21, 1936, Serial No. No. 91,697
In Great Britain July 31, 1935
9 Claims. (Cl. 180—8)



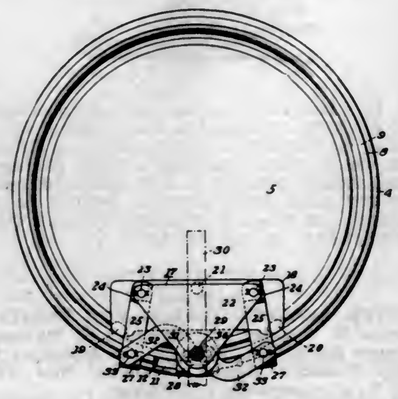
1. In a walking vehicle of the character described herein, mechanism for moving said vehicle horizontally upon a supporting surface, said mechanism comprising two vehicle-supporting frames arranged to work freely one within the other, said inner and outer frames being adapted to be relatively moved in parallel vertical planes, an oscillative element pivotally connected to each of said frames and adapted to reciprocate said frames vertically relatively to each other whereby to cause them alternately to support the vehicle, a crank mechanism mounted upon one of said frames and connected to the other frame and adapted to reciprocate said frames horizontally relatively to each other, and interengaging means, working in unison, adapted to drive said oscillative element and crank mechanism in a timed relationship whereby each of said frames, as it is in turn supported by the other frame of the vehicle, is horizontally moved in the same direction, thus imparting unidirectional horizontal movement to the vehicle.

2,130,678
COOKING UTENSIL
Edward S. Cisco, New Kensington, Pa., assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa., a corporation of Pennsylvania
Application November 12, 1935, Serial No. 49,343
6 Claims. (Cl. 53—1)



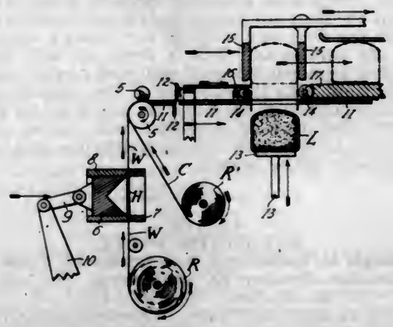
1. A cooking utensil adapted for stacking in use and comprising a straight walled vessel and a cover, said cover having a stacking surface, an area lying below said stacking surface and extending to the edge of the cover, and a vent located in said low area.

2,130,679
ADJUSTING DEVICE
Guy O. Conner, Wheeling, W. Va., assignor to Wheeling Steel Corporation, Wheeling, W. Va., a corporation of Delaware
Application July 7, 1934, Serial No. 734,221
12 Claims. (Cl. 113—1)



1. A device for changing the diameter of discontinuous annular retaining means to hold a closure member in place on a container, comprising a base member engaging the closure member so that the base member is positioned by the closure member, means connected with said base member and engaging the retaining means adjacent the ends thereof and operable to change the diameter of the retaining means, and means for operating said last mentioned means to change the diameter of the retaining means.

2,130,680
METHOD OF WRAPPING WINDOW PACKAGES
Lester Ferenci, Brooklyn, N. Y., assignor to American Machine & Foundry Company, a corporation of New Jersey
Application June 22, 1934, Serial No. 731,825
3 Claims. (Cl. 93—2)



1. The process of wrapping articles in a window wrapper formed from continuous web material which wrapper has the window thereof registered relative to the article to exhibit a predetermined portion of the article comprising, feeding wrapping material from a supply in the form of a continuous web to a wrapping position, perforating said web at spaced positions to provide windows therein, assembling a transparent continuous web of material wider than the window with said wrapping material to close said windows, severing the assembled webs at a predetermined position between windows, and enfolding an article in said wrapping material and associated transparent material at said wrapping position in predetermined relation to the window to form a wrapped package having a closed transparent window registering with a selected portion of the article.

2,130,681
PROCESS AND APPARATUS FOR DERIVING FIBER FROM FLAX STRAW OR THE LIKE
Robert Forsyth, Chicago, Ill., assignor to Robert N. Burton, Chicago, Ill.
Application July 23, 1931, Serial No. 552,618
Renewed November 7, 1936
7 Claims. (Cl. 19—7)



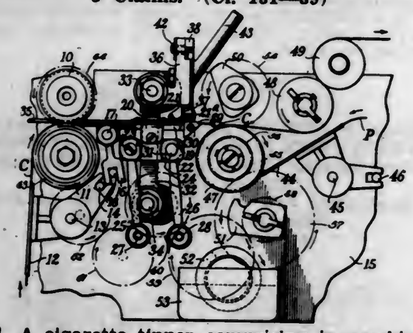
7. A process for the purpose indicated which includes forming the fibrous material into a sliver after the shive has been removed therefrom, subjecting the fiber to a heated liquid bath to dissolve out the coloring matter and soften the gum and resin, then separately dislodging and collecting the softened gum and resin outside said liquid bath while applying heat to prevent cooling and hardening of the gum and resin.

2,130,682
HIP BOOT
William J. Gruner, Naugatuck, Conn., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application June 6, 1936, Serial No. 83,919
2 Claims. (Cl. 36—4)



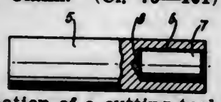
1. A boot having a top adapted to extend adjacent to the crotch of the wearer, said top having a reinforcing bead secured to the top margin thereof, a second reinforcing bead secured to said top on the crotch side thereof and connected to the first bead at each end and extending below said top margin, the inner edge of said second bead outlining an area on the crotch side of said top which area may be cut out to shorten the effective length of said top along the crotch side.

2,130,683
TIPPER CONSTRUCTION FOR CIGARETTE MACHINES
George S. Hastings, Brooklyn, and Charles Arelt, Richmond Hill, N. Y., assignors to American Machine & Foundry Company, a corporation of New Jersey
Application August 1, 1936, Serial No. 93,826
5 Claims. (Cl. 131—39)



1. A cigarette tipper comprising in combination, a tip material feed arranged to feed tip material continuously, a cigarette paper feed arranged to feed cigarette paper continuously at a greater speed than that of the tip material, a cutter for cutting tip lengths from the continuously fed tip material, mechanism for gripping the cut tips and feeding them at paper speed in contact with said paper, a moving tip transporter carrying the tip from cutting position into the range of action of said mechanism, and suction means traveling with said transporter for holding the tip thereon, said transporter including a reciprocating table movable to and from a position delivering the tip into the range of action of said mechanism, and means giving said suction means simultaneous movement having a component in the direction of movement of said transporter and a component transverse to said transporter to bring the suction means into contact with the tip thereon during movement of the transporter.

2,130,684
METHOD OF FORMING A CUTTING TOOL
Alfred E. Hintermeyer, Worcester, Mass., assignor to The Heald Machine Company, Worcester, Mass., a corporation of Massachusetts
Application October 30, 1936, Serial No. 108,416
1 Claim. (Cl. 76—101)



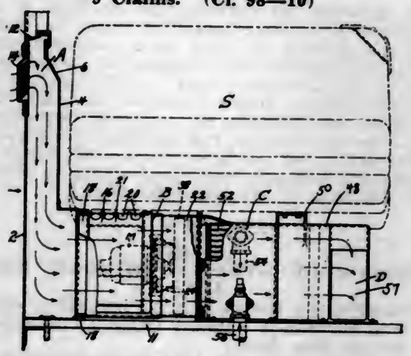
In the formation of a cutting tool which comprises a holder having a tool bit positioned in a recess therein, the steps which involve placing sufficient unmolten brazing alloy in the recess to entirely surround the tool bit positioned therein and to cover completely the outer end of the tool bit when the alloy is melted to a sufficient depth to prevent oxidation of the tool bit, placing a tool bit slightly shorter than the recess in said recess provided by the holder, and heating the holder with the recess open at the top thereof to melt the alloy, causing it to flow entirely around the bit and cover the outer end thereof completely, thereby preventing oxidation of the material forming the bit during the solidifying of the brazing alloy and cooling of the holder.

2,130,685
HAIR CURLER
Joseph Jacobs, Bridgeport, Conn., assignor to The A. J. Donahue Corporation, Milford, Conn., a corporation of Connecticut
Application May 26, 1937, Serial No. 144,816
3 Claims. (Cl. 132—41)



1. In a hair curler, a mandrel, an arcuate support pivotally connected to said mandrel and including intermediate and end portions of different radii which combine to form a guide channel, a clamp slidably mounted in said channel to operative and inoperative positions relative to said mandrel, and means to releasably retain a wound strand of hair on said mandrel.

2,130,686
HEATER AND VENTILATOR FOR VEHICLES
Francis W. Kateley and Edmund G. Mathauer, Upper Darby, Pa., assignors to American Car and Foundry Motors Company, New York, N. Y., a corporation of Delaware
Application July 9, 1936, Serial No. 89,762
9 Claims. (Cl. 98—10)

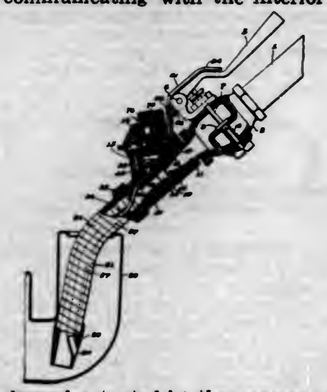


1. A heater for vehicles having side walls and a floor comprising, a heating element situated adjacent the floor, air propelling means situated adjacent the floor and between the heating element and the vehicle side wall, a fresh air inlet duct situated adjacent the side wall and having communication with the exterior of the vehicle, and a casing connected to said inlet and housing said blower and heating element, said casing terminating in reversely curved outlets directed longitudinally of the vehicle.

2,130,687
AUTOMATIC VALVE
Ralph H. Lachmund, San Francisco, Calif.
Application October 22, 1934, Serial No. 749,425
10 Claims. (Cl. 226—127)

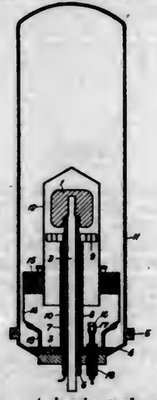
3. In an automatic valve, the combination of a conduit for conducting liquid to a receptacle, a valve for stopping the flow of liquid therethrough, a float remote from the discharge end of said conduit, means actuated by said float and associated with said valve for closing the latter, and means for withdrawing liquid from the receptacle and conducting it to the said float to elevate the same when the desired liquid level

therein has been reached including suction means communicating with the interior of the



receptacle and actuated by the passage of liquid through said conduit.

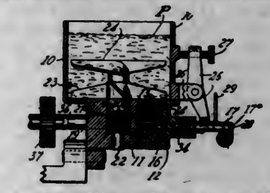
2,130,688
IONIC VALVE HAVING CONDUCTING GASEOUS PATHS
Uno Lamm, Ludvika, Sweden, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden, a corporation of Sweden
Application June 5, 1934, Serial No. 729,091
In Sweden March 1, 1933
4 Claims. (Cl. 250—27.5)



1. In high current ionic valves having a conducting gaseous path, a metal vessel, a solid main anode and a liquid cathode therein, and a straight leading-in conductor for one of said electrodes passing through the other electrode and through the major portion of the arc path between said two electrodes.

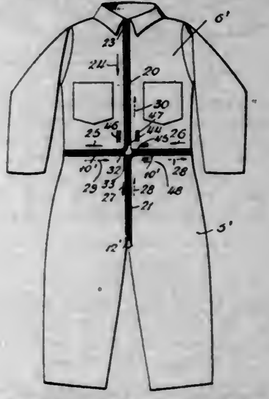
2,130,689
PASTE-APPLYING DEVICE FOR CIGARETTE MACHINES
James W. Leary, Bloomfield, N. J., assignor to American Machine & Foundry Company, a corporation of New Jersey
Application March 5, 1935, Serial No. 9,477
13 Claims. (Cl. 131—43)

1. In a paste-applying device, the combination with a paste reservoir having an outlet, of a gear-housing communicating with said outlet, a pair of intermeshing gears supported by said housing in positions below said outlet, a nozzle on said housing, said housing being provided with an orifice leading from the meshing teeth of said gears to said nozzle, a rotary propeller within said reservoir acting to force the paste stored therein down between the intermeshing teeth of said gears and thus prevent cavitation of the paste in the spaces between said meshing teeth, said gears coacting to deliver an oversupply of paste to said orifice, said housing being also provided with a by-pass connecting said orifice and reservoir, an adjustable



relief valve controlling the return flow of the oversupply of paste through the by-pass to said reservoir, whereby the relief valve may be set to assure a uniform flow of the paste through the nozzle regardless of variations in its consistency, an adjusting valve in said orifice to vary the flow of the paste to said nozzle, and a plug inserted into the outer end of said nozzle and provided with a narrow slot so that the width of the paste stripe applied by said nozzle may be varied by turning the nozzle.

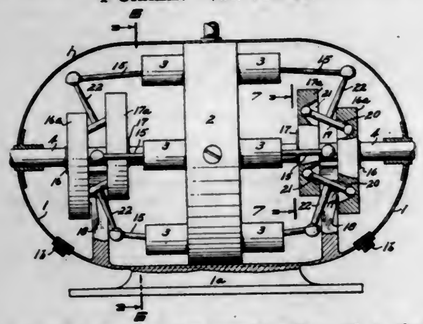
2,130,690
WEARING APPAREL
Hyatt Lemoine, Maywood, N. J.
Application June 16, 1934, Serial No. 731,006
9 Claims. (Cl. 2—70)



1. An overall construction comprising separable trousers and jacket sections, the jacket sections being provided with an open front and the trousers section being provided with an open fly, slide fasteners connected to the front of the jacket, to the fly of the trousers and to the adjacent upper edge of the trousers and lower edge of the jacket, and extending around the waist of said jacket and trousers sections, said slide fasteners each consisting of a fabric strip to be sewn to the edges of the jacket and trousers section to be connected together or to each other, each of said strips being provided with a fabric bead and each of said beads being provided with and carrying a plurality of interengaging teeth, each tooth having opposite projections and recesses to engage with the opposite teeth of the same shape on the other strip,

said strips or fasteners being entirely separable from each other, the slide fasteners along the front of the jacket and around the waist of the jacket and trousers sections being entirely separable and a cam slider element to cause engagement and disengagement of the slide fasteners for engagement, means at the beginning of each of said slide fasteners to enable initial engagement of the slider therewith, locking means at the ends of the slide fastener of the jacket and slide fastener around the waist to lock said slide fasteners when the slider is removed therefrom, and guide means between the slide fasteners on the front of the jacket and around the waist and also between the slide fasteners around the waist and along the front of the fly, whereby the slide fastener may be drawn down to engage the slide fastener at the front of the jacket, then turned at 90° to connect the slide fastener between the jacket and trousers section and then turned another 90° to engage the slide fastener on the fly.

2,130,691
MOTOR
Thomas O. Liles, Detroit, Mich.
Application June 30, 1937, Serial No. 151,125
4 Claims. (Cl. 74—60)



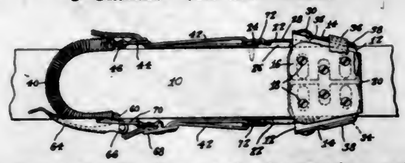
1. In an engine, the combination of a shaft, two eccentrics on said shaft angularly spaced from each other, a ring surrounding each of said eccentrics and revoluble with reference thereto, a bar pivoted to said rings at its ends and means for oscillating said bar so that its ends shall move said rings in a path adapted to rotate said eccentrics.

2,130,692
EYEGLASS
Rufus Edward Mackahan, West Hollywood, and Merrill W. Hard, Los Angeles, Calif.
Application September 28, 1934, Serial No. 745,954
2 Claims. (Cl. 88—47)



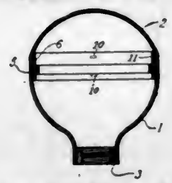
2. In a frame for rimless eye glasses, an arched nose engaging member, supporting members leading upwardly from the ends of said arched member, arcuate portions formed in continuation of said supporting members, aligned horizontal lens supporting bars leading from said arcuate portions in continuation thereof, ear engaging bows connected to said bars, and means for supporting eye glass lenses on said bars to depend therefrom in spaced relation thereto; said arcuate portions extending in spaced relation to lenses on said supporting means.

2,130,693
SKI BINDING
Leif Nashe, Concord, and Odd Overgaard, West Concord, Mass.
Application February 27, 1936, Serial No. 66,040
3 Claims. (Cl. 280—11.35)



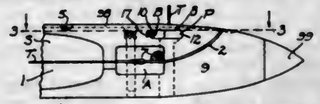
1. In a ski binding, a heel-engaging coiled spring and a connecting element having a shank portion engaging within an end of the spring and an eye portion projecting outwardly of the spring, the element comprising a flat metal strap bent in face to face contact upon itself to provide a shank and said eye at the closed end thereof, the shank having teeth formed in the edges thereof for engaging with the coils of the spring, and the two legs of the shank having portions thereof upset outwardly to thicken the shank whereby more firmly to engage the same with the coils of the spring.

2,130,694
SPIGOT KNOB
Jacob E. Newman, Pittsburgh, Pa.
Application November 20, 1937, Serial No. 175,597
1 Claim. (Cl. 40—8)



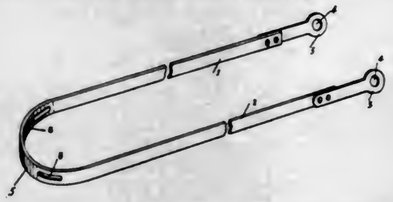
A spigot knob comprising a pair of semi-spherical portions, one of which is provided with a recess and the other with a projecting element adapted to interact with the recess to form a substantially spherical knob, said knob, when assembled, having a peripheral recess at the point of juncture of the assembled parts and being further provided with notches, a name plate of annular shape sprung on said spherical knob in the recess thereof and having its outer surface continuous with the contour of the knob, said name plate having projections for interacting with the notches of said knob element.

2,130,695
EYE BLOCK FOR SHUTTLES
Carl Palmer Park, Manchester, N. H., assignor to U S Bobbin & Shuttle Company 1929, Providence, R. I., a corporation of Rhode Island
Application October 30, 1935, Serial No. 47,455
6 Claims. (Cl. 139—222)



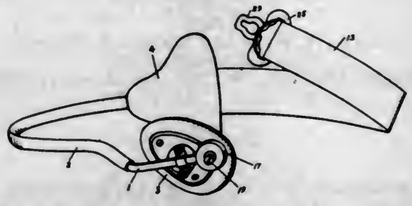
4. A one piece eye block for shuttles having substantially parallel vertical flat side walls and substantially parallel vertical front and back walls, the distance between the side walls being less than between the front and back walls, said eye block having a transverse cylindrical eye passage and an inlet into such passage extending up from the bottom of the block and being of less size than the eye passage where it enters the eye passage, the lower part of the front wall being cut away so as to slope down and back to a point on said inlet which is above the bottom of the block.

2,130,696
MUDGUARD SUPPORT
Ewald F. Pawsat, Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated, a corporation of Kentucky
Application December 5, 1936, Serial No. 114,459
1 Claim. (Cl. 280—152.1)



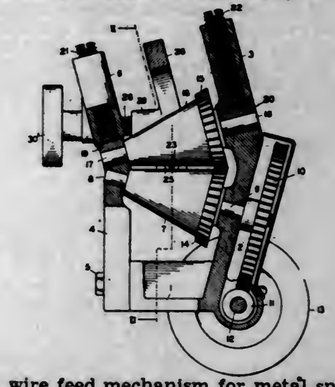
A mudguard support of the type mentioned comprising a substantially U-shaped element having a rounded end adapted to fit inside of mudguard, said end being provided with a plurality of slots adapted to receive bolts for attaching said mudguard, said slots being formed by leaving the contained tongues attached at the outer ends of the slots, and by bending same back so that they span the lateral arcs of the guard end and their free ends abut against the side members of said element at points inside the lateral bearing span of said mudguard to form reinforcing struts.

2,130,697
TRUSS
William A. Pease, Cincinnati, Ohio, assignor to The Ohio Truss Company, a corporation of Ohio
Application April 6, 1937, Serial No. 135,256
3 Claims. (Cl. 128—105)



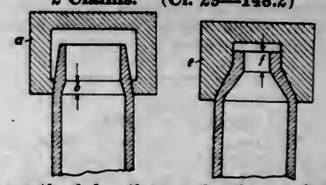
3. In a truss comprising a spring and back and front pads secured thereto, said back pad consisting of a resilient body formed on a rigid plate, and a body strap, a socket formed in said resilient body in back of said plate, means arranged to pass through the rear wall of said socket and said strap and to engage in said plate, whereby said back pad and said strap are secured together, a resilient disk secured on the end of said spring adjacent said front pad, a stud centrally disposed in said disk, a buckle adjustably secured on said strap, said buckle having means arranged to form a rotatable connection between said strap and spring, and a kidney shaped resilient pad on said buckle arranged to be disposed adjacent said disk when said buckle is secured to said stud.

2,130,698
FEED MECHANISM FOR METAL SPRAY
George W. Preston, San Leandro, Calif.
Application May 17, 1937, Serial No. 143,033
3 Claims. (Cl. 91—12.2)



1. A wire feed mechanism for metal spray apparatus comprising opposed feed rolls tapered in the same direction and driven in unison; and a wire guide movable substantially in line with the meeting line of said feed rolls.

2,130,699
METHOD FOR THE PRODUCTION OF LIGHT-METAL FLASKS WITH THICKENED NECK PARTS
Heinrich Reinartz, Aachen, Germany, assignor of one-half to Hans Amfaldern, Vienna, Austria
Application November 12, 1937, Serial No. 174,148
In Germany July 2, 1936
2 Claims. (Cl. 29—148.2)

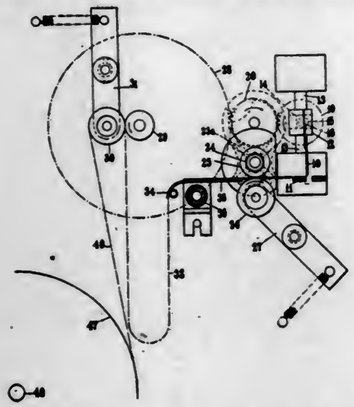


1. A method for the production of light metal flasks with a thickened neck portion for liquids and gases under high tension from a preliminarily drawn cylindrical hollow body, consisting in first reducing the cross sectional area of the upper portion of the hollow body and conically forming the same prior to the reshaping, and axially and radially compressing the conical end of the hollow body and thereby reducing the same to neck formation in sequential steps in transverse zones toward the end of the neck and thereby moving the material of the conical end to produce a neck wall thickness greater than the thickness of the wall of the flask.

2,130,700
TIPPING OF CIGARETTES
Jack Shackleton, London, England, assignor to American Machine & Foundry Company, New York, N. Y., a corporation of New Jersey
Application December 29, 1936, Serial No. 118,114
In Great Britain January 2, 1936
3 Claims. (Cl. 164—49)

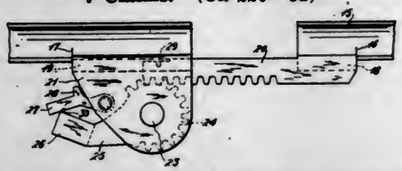
1. Mechanism for feeding and severing a web, said mechanism comprising in combination a

feed-roll couple adapted to advance a supply web of cigarette tipping material, one of said rolls having a shaft provided with a pinion and by which said feed-roll couple is actuated, a severing device, a second shaft provided with a pinion and by which said severing device is actuated, a third shaft provided with a pinion, and also provided with the driving element of a Geneva drive, and by which said Geneva drive is actuated, a fourth shaft provided with the driven element of said Geneva drive and with one roll of a second



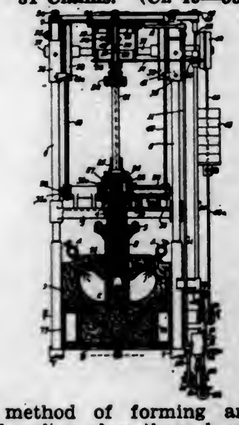
feed-roll-couple adapted to operate upon said web intermediate said first-named feed-roll-couple and said severing device, to feed the web intermittently to said device, said pinion on the first-named feed-roll shaft, and said pinion on the second shaft for the severing device being each engaged directly with a pinion on said third shaft for the Geneva drive device, the several feeding and severing instrumentalities being thereby coordinated in a compactly organized mechanism for the intended purpose.

2,130,701
SEALING RING
David W. Thomas, Youngstown, Ohio, assignor, by mesne assignments, to Republic Steel Corporation, Cleveland, Ohio, a corporation of New Jersey
Application September 1, 1934, Serial No. 742,454
7 Claims. (Cl. 220—61)



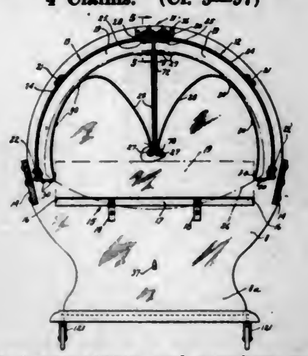
1. A closing means for steel drums or the like, comprising a contractible split ring, a rack carried by and rigidly attached to one end of the ring extending beneath the ring and adapted when the ring is assembled upon a drum to stand on the outside of the drum, said rack having a curvature like that of the ring, a vertical pinion rotatably mounted upon the other end of the ring upon an axis fixed with respect thereto, said pinion being adapted to stand outside the drum below the top thereof, said pinion meshing with said rack, and means for turning said pinion to draw the ends of the ring toward each other.

2,130,702
FEEDER AND METHOD OF FEEDING MOLTEN GLASS
Frank L. O. Wadsworth, Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind., a corporation of Indiana
Application March 18, 1933, Serial No. 661,563
Renewed May 29, 1937
31 Claims. (Cl. 49—55)



6. The method of forming and delivering charges of molten glass through an orifice submerged by a body of such material which consists in segregating a quota of glass from such body and above such orifice, alternately moving the segregated quota away from and toward said orifice, trapping a predetermined quantity of low pressure elastic fluid above said quota at a definite point in its movement away from said orifice, continuing the movement of said quota away from said orifice to progressively vary the volume of the low pressure fluid trapped thereabove, trapping a predetermined quantity of high pressure elastic fluid above said quota at a definite point in its movement toward said orifice and continuing the movement of said quota toward said orifice to progressively vary the volume of the high pressure fluid trapped thereabove.

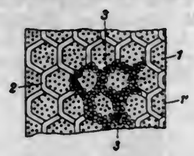
2,130,703
BED
Charles A. Wylie and Warren H. Atwood, San Bernardino, Calif.
Application June 18, 1937, Serial No. 148,908
4 Claims. (Cl. 5—97)



1. A bed comprising end members supporting the bed from the floor, side members connecting said end members to provide a rigid frame, panels

rigidly mounted inwardly of and parallel to the end members and spaced therefrom, a mattress supporting frame disposed in said rigid frame, its ends lying inwardly of said panels, means at each end to support said mattress frame on said end members, a pair of closures of arcuate cross section normally overlying the interior of the bed, said closures mounted for independent downward swinging movement on separate shafts positioned between and connecting said end members and said panels, said side members being disposed substantially opposite the side edges of the mattress, the lower edges of said panels terminating adjacent the mattress supporting means so as to extend to the lower surface of the mattress, said panels having upper arcuate peripheries extending in direct proximity to the ends of said closures in the normal closed position of the latter.

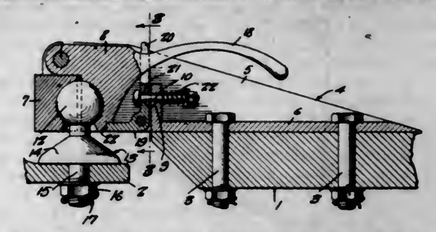
2,139,704
SOUND PERMEABLE PICTURE PROJECTION SCREEN AND METHOD OF MAKING SAME
Karl Patzwaldt, Gladbach-Rheydt, Germany
Application December 16, 1936, Serial No. 116,216
In Germany October 11, 1934
5 Claims. (Cl. 88—24)



1. Sound-permeable projection screen for picture and sound films comprising two superposed and inter-connected fabrics, one of said fabrics having structure-forming, open, spaced mesh and the other fabric having relatively close mesh and being provided with relatively small pores or openings therethrough, the open mesh fabric being on the projection side of the close mesh fabric, a coating of adhesive material on the projection face of the screen covering the open mesh fabric and covering the close mesh fabric adjacent the meshes of the open mesh fabric and leaving uncoated areas of the close mesh fabric at the center portions of the openings of the open mesh fabric, and a coating of light dispersive particles adhered to said adhesive coating, whereby the pores of the close mesh fabric at the center portions of the openings of the open mesh fabric are left free of obstructions to sound transmission and the coating of particles forms funnel-like formations around said free center portions.

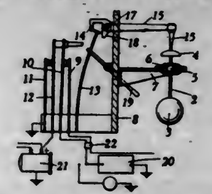
2,130,705
SAFETY BALL AND SOCKET TRAILER COUPLING
Howard Carl Radeleff, Delano, Calif.
Application November 17, 1936, Serial No. 111,302
1 Claim. (Cl. 280—33.15)

A coupler comprising an attaching member securable to a tongue of a trailer, a female part including movable and non-movable sections having the non-movable section integral with said attaching member and the movable section pivoted to said attaching member and fashioned with a handle, said sections having recesses cooperating to form a seat, a male member including a ball received in said seat, a latch including a lever pivoted to said attaching member and engaging said movable section subjacent said seat, and a spring pressed bolt securing said lever to said attaching member and said movable section in locked condition whereby said movable member coacts with said non-movable member to maintain said male member within said seat and



said bolt is movable with said lever to release said male member from said seat upon actuation of said latch.

2,130,706
ELECTRICAL SWITCHING DEVICE
Hubert Mackenzie Salmond, Fareham, England, assignor to Graviner Manufacturing Company Limited, London, England
Application July 2, 1934, Serial No. 733,520
In Great Britain July 28, 1933
17 Claims. (Cl. 200—52)

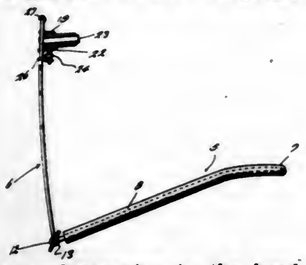


1. A switch for rendering inoperative the electrical circuits of a vehicle upon a condition of collision or the like, comprising: a plurality of electrical contact elements, spring-biased means for maintaining said contact elements in contact under normal conditions, spring means effective to oppose and overcome said last-mentioned means to open said contact elements, latch means for maintaining said last spring means retracted and inoperative, pendulum means associated with said latch means and effective to release the same upon the occurrence of an abrupt acceleration or deceleration of the vehicle, said spring means being provided with a manual positive control operable with a single movement to reset said contact elements in closed position when said pendulum means has returned to normal position.

2,130,707
HARMONICA HOLDER
Henry Sherman, West Coxsackie, N. Y.
Application March 12, 1937, Serial No. 130,589
3 Claims. (Cl. 84—379)

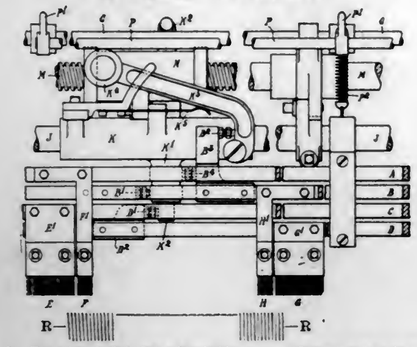
1. In a harmonica holder, a neck embracing frame, a second frame hinged to the neck embracing frame for supporting a harmonica, a clamp, interengaging means on the clamp and the second frame for detachably securing the clamp to the last-mentioned frame, and said clamp including a frame structure, a fixed clamping plate on said frame structure, a movable clamping plate slidably mounted on the frame structure of said clamp and movable thereon toward and away from the fixed clamping plate and a spring acting on the movable clamping plate for moving the latter to a clamping position, a screw threaded through a part of said clamp frame, said screw having a cup-shaped

head, and said spring being interposed between said screw and said movable clamping plate and



having an end engaging in the head of said screw.

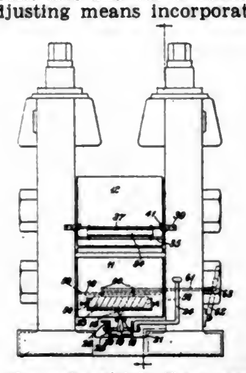
2,130,708
STRAIGHT-BAR KNITTING MACHINE
Harry Wilfred Start, Carlton, and Ernest Start, Wilford, England
Application December 31, 1937, Serial No. 182,874
In Great Britain November 12, 1936
4 Claims. (Cl. 66—89)



1. In straight-bar knitting machine loop transferring mechanism in which each set of points is comprised of two groups which are adjusted by screw nuts on right and left hand screw threaded portions of a shaft, the combination of two pairs of longitudinally adjustable bars, inner groups of points carried by brackets secured to one pair of bars, outer groups of points carried by brackets secured to the other pair, slides connected to the screw nuts with parts which are adapted to engage with tappets on and move the longitudinal bars carrying one set of points in the reverse direction to those carrying the other set, levers pivoted on the slides, means for connecting these levers to the longitudinal bars which carry the inner groups of points, means for holding down these levers in order to hold the inner groups of points the required distance from the outer groups, and means for releasing these levers. after the loops have been removed from and before they are returned to the needles, substantially as described.

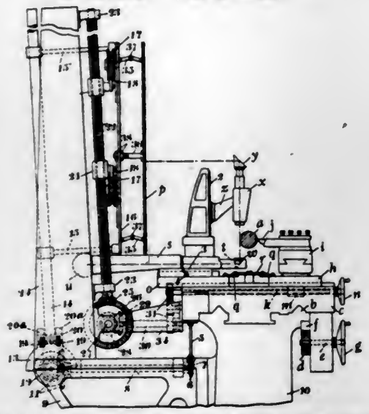
2,130,709
ROLL POLISHER FOR ROLLING MILLS
Samuel Williams, Brynhyfryd, Wales
Application August 21, 1935, Serial No. 37,223
In Great Britain August 29, 1934
3 Claims. (Cl. 51—252)

2. Means for cleaning and polishing the rolls of rolling mills, comprising a pivotally mounted support carrying abrading means, said abrading means extending substantially throughout the length of the roll and comprising a plurality of blocks of abrasive material, adjusting means for pivoting said support to positively move said abrading means into and out of contact with the roll, said adjusting means incorporating a fric-



tion device through which the pressure is applied and adapted to slip when said predetermined pressure is exceeded.

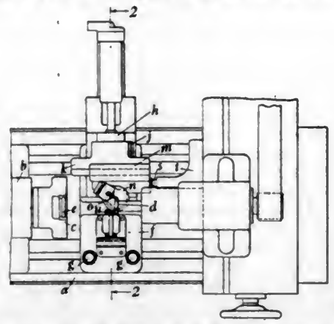
2,130,710
MANUFACTURE OF METAL CUTTING TOOLS
James Wolfe Alexander, Birmingham, England
Application January 12, 1938, Serial No. 184,695
In Great Britain January 15, 1937
8 Claims. (Cl. 82—14)



1. Means for facilitating the manufacture of cutting tools of the kind specified by lathes in which the work piece can be rotated, comprising the combination of a slide adapted to carry the cutting tool and movable in longitudinal and transverse directions relatively to the work piece, a screen for carrying an enlarged drawing of the profile to be given to the work piece, optical means for projecting on to the screen a silhouette or image of a portion of the profile of the work piece, and means for moving the screen and optical means in a manner correlated with both the longitudinal and transverse movements of the cutting tool.

2,130,711
GRINDING WHEEL TRUING DEVICE
Harry Hales Asbridge, Moss Lane, Ashton-on-Mersey, England, assignor to The Churchill Machine Tool Company Limited, Broadheath, near Altrincham, England, a British company
Application March 21, 1938, Serial No. 197,268
In Great Britain March 31, 1937
5 Claims. (Cl. 125—11)

1. A grinding wheel truing device for a grinding or abrading machine comprising a worktable movable towards and from the grinding wheel, a slide upon the worktable capable of movement transversely to the direction of movement of the worktable, and a second slide upon the aforesaid slide capable of movement in the direction of movement of the worktable and spring impelled in the direction towards the grinding wheel, means automatically moving the first slide towards the axis of the grinding wheel as the work-

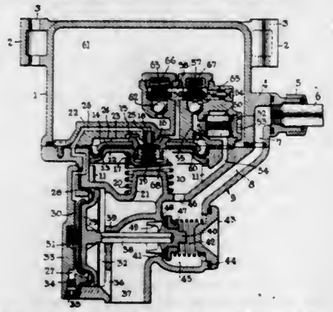


piece moves on its way to the grinding position, means for arresting the motion of the second slide as it is carried with the worktable in the direction towards the grinding wheel so that the first slide then moves relatively to the second slide, means utilizing said relative movement to cause the wheel truing tool to move through the correct path for truing the grinding wheel before it engages the workpiece, and means returning the first slide to its initial position to put the truing tool out of service.

2,130,712
EXPLOSIVE AND METHOD OF MANUFACTURE THEREOF
Robert W. Cairns, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application May 11, 1936, Serial No. 79,180
13 Claims. (Cl. 52—14)

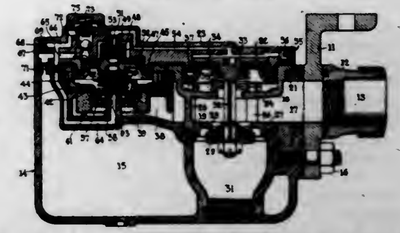
1. The method of increasing the sensitiveness to detonation of ammonium nitrate comprising adding to ammonium nitrate crystals a solution of a metal nitrate and drying the mixture.

2,130,713
AIR BRAKE
Charles A. Campbell, Watertown, N. Y., assignor to The New York Air Brake Company, a corporation of New Jersey
Application December 21, 1937, Serial No. 181,040
13 Claims. (Cl. 303—82)



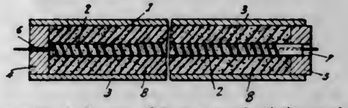
1. The combination of a brake pipe; a normally closed brake pipe vent valve; means forming a brake pipe chamber in free communication with the brake pipe, a diaphragm chamber and a quick action chamber; a flexible diaphragm separating the diaphragm chamber and the brake pipe chamber; means operable by displacement of the diaphragm toward the brake pipe chamber to cause opening of said vent valve; yielding means resisting such displacement; means offering a restricted communication between the brake pipe and the diaphragm chamber; means offering a more restricted communication between the diaphragm chamber and the quick action chamber; and one way flow valve means for permitting rapid flow from the quick action chamber to the diaphragm chamber.

2,130,714
AIR BRAKE
Charles A. Campbell, Watertown, N. Y., assignor to The New York Air Brake Company, a corporation of New Jersey
Application April 2, 1938, Serial No. 199,720
9 Claims. (Cl. 303—82)



1. The combination of a brake pipe; a normally closed brake pipe bent valve; means forming a quick action chamber and a brake pipe chamber, the latter in communication with the brake pipe; a flexible diaphragm interposed between said chambers; motor means rendered active by substantial displacement of said diaphragm toward said brake pipe chamber to cause opening of said vent valve; yielding means resisting such displacement; means including a pair of restricted chokes affording communication between brake pipe and quick action chamber; one way flow valve means for inhibiting the controlling action of one of said chokes, whereby a differential is established between the rate of charging flow toward and breathing flow from said quick action chamber; and valve means rendered effective by motion of said diaphragm toward the brake valve chamber, at least as soon as said vent valve opening means is caused to operate, to arrest breathing flow from said quick action chamber.

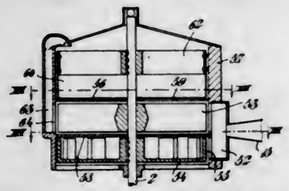
2,130,715
ELECTRIC HEATING ELEMENT
Marcel Marie Joseph Eugène Coupier, Paris, France
Application July 9, 1935, Serial No. 30,578,
In France July 19, 1934
3 Claims. (Cl. 201—67)



1. A method for making an electric resistance which comprises winding a conductor as a helix over a core of aluminium, embedding said core and conductors in a mineral insulation material,

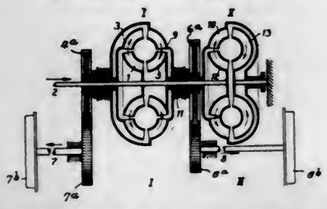
enclosing said embedded core and conductor within a metal sheath, subjecting said sheath and its content to the action of pressure, bending the whole to a desired shape and then submitting it to the action of a temperature above the melting point of the core, whereby the melted core runs out of the sheath.

2,130,716
SIREN
Olof Ingemar Harald Ekman, Stockholm, Sweden
Application July 2, 1934, Serial No. 733,497
In Sweden March 21, 1934
7 Claims. (Cl. 116—147)



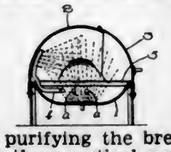
1. A siren having a rotatable shaft, a blade wheel on said shaft and having an air outlet at its periphery, a casing surrounding said blade wheel formed with a sound opening in its peripheral wall, a horn carried by said casing and projecting radially therefrom and communicating with said sound opening, and a wall in said casing covering an inlet face of the blade wheel, said wall having an eccentrically positioned opening for admission of air to only part of the cross-sectional area of the blade wheel, said casing and said wall being rigidly connected to each other and mounted for rotary adjustment about said shaft so that the direction in which the horn extends may be changed by rotary adjustment of the casing and the air admission opening is simultaneously correspondingly adjusted.

2,130,717
TURBOTORQUE TRANSFORMER
Hermann Föttinger, Berlin-Charlottenburg, Germany
Application December 19, 1935, Serial No. 55,298
In Germany December 22, 1934
3 Claims. (Cl. 60—54)



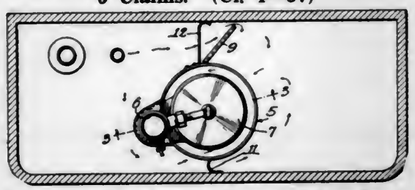
1. In combination, a turbo torque transformer comprising a primary wheel and a plurality of secondary wheels, another transformer of the type described comprising a primary wheel and a secondary wheel, a common shaft for the primary wheels of said two transformers and each transformer having a guide wheel, a rigid connection between one of the secondary wheels of the one transformer and the secondary wheel of the other transformer, and secondary shafts all able to rotate in the same direction independent from one another and each having one of said secondary wheels of the first mentioned transformer fixed thereto.

2,130,718
DEVICE FOR PURIFYING THE BREATHING AIR IN A VAPOR BATH FOR THERAPEUTICAL USE
Zensei Fujita, Yotsuya-ku, Tokyo, Japan
Application February 24, 1937, Serial No. 127,567
In Japan February 24, 1936
1 Claim. (Cl. 128—191)



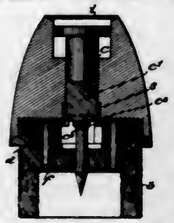
A device for purifying the breathing air in a vapor bath for therapeutical use, comprising a casing, means for introducing heating medium vapor into said casing, means for supplying mist of aqueous solution of a member of the group consisting of calcium hydroxide and barium hydroxide into said casing, and means for supplying oxygen or ozone gas into said casing, for the purpose of continuously transforming carbon dioxide gas produced in the casing into calcium carbonate or barium carbonate and for supplementing oxygen.

2,130,719
WATER GUARD FOR FLUSH TANKS
Frank M. Heath, Silver Spring, Md.
Application May 19, 1938, Serial No. 208,899
6 Claims. (Cl. 4—57)



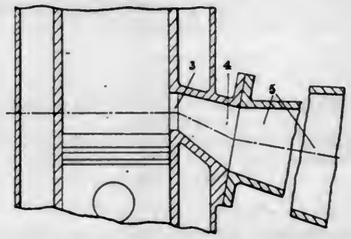
1. The combination with the ball valve of a flush tank, of a water guard for the valve, comprising a cylindrical body portion positioned within the tank and housing the ball valve, said body portion having openings formed in the wall thereof and disposed directly opposite to each other, and means adjacent to the opening for directing water into the body portion in opposite directions, causing a swirling motion of the water and valve.

2,130,720
CENTRIFUGAL FUSE
Helmut Junghans, Schramberg-Sulgen, Eckenhof, Germany
Application January 7, 1936, Serial No. 57,992
In Germany January 18, 1935
4 Claims. (Cl. 102—39)



1. A direct impact percussion fuse comprising an ignition pin, a collar for said pin having an axially and downwardly extending flange, centrifugal jaws pivotally mounted and cooperating with said ignition pin and each jaw having an axially and upwardly extending flange, said collar being provided on the pin at the upper side of the jaws and the flanges of the jaws in the normal position and in radial extension lie behind the flange of the collar of the ignition pin so that the pin interlocks the jaws in the normal position and must be moved forwardly at first under the influence of centrifugal force acting upon the jaws before the jaws can move freely outwardly, and a spring associated with the collar to constantly urge the ignition pin into the centrifugal jaws.

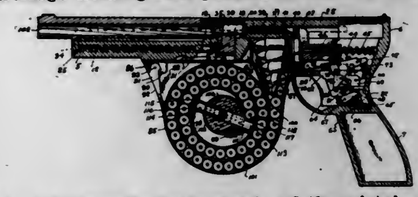
2,130,721
TWO-STROKE INTERNAL COMBUSTION ENGINE
Michel Kadenacy, Paris, France, assignor of one-half to Armstrong Whitworth Securities Company Limited, London, England
Application June 8, 1936, Serial No. 84,182
In Great Britain January 11, 1936
4 Claims. (Cl. 123—65)



1. Method of controlling variable speed two stroke cycle internal combustion engines, which comprises establishing communication between the cylinder and exhaust system during the firing stroke, providing at all engine speeds over a chosen speed range, for the issuance of the burnt gases from the cylinder substantially as a mass in an interval of time shorter than that which would be required for the burnt gases to expand down to the ambient pressure by adiabatic flow, whereby the mass of gas moves outward and thereafter returns from a point which may be within the exhaust system, providing a permanent free passage for the burnt gases to the limit of outward travel of said burnt gases, preventing at the highest engine speed the entrance of fresh charging air until the said issuance of the burnt gases is in full progress, admitting fresh charging air into the cylinder, at the highest engine speed, when the said issuance of the burnt gases is in full progress and causes a suction effect to be exerted in the cylinder, thereby ensuring that at all lower engine speeds the said admission will not commence until the said issuance of the burnt gases has occurred, and providing at all engine speeds for the said fresh charge to occupy the cylinder and a portion of the exhaust system in the interval elapsing between the said exit of the said gases and the instant when the pressure of the returning gases becomes effective within the cylinder.

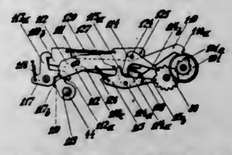
2,130,722
MAGAZINE FOR MACHINE GUN PISTOLS
Herman J. Kobe, Bryan, Ohio, assignor of one-tenth to Lisle M. Weaver, Bryan, Ohio
Application December 11, 1934, Serial No. 757,013
7 Claims. (Cl. 42—19)

1. A cartridge magazine for a machine gun pistol of the type having a barrel including a breech portion, said magazine comprising a narrow container arranged to lie within the sides and under the barrel of the pistol and having a vertical substantially tangential delivery neck reaching to a position immediately below said breech portion, said container including a spiral cartridge holding and guiding channel in which



the cartridges lie transversely of the pistol, said channel having a portion in said neck holding and guiding the cartridges into said breech portion into substantial parallelism with the bore of the barrel, and rotary spring actuated means in said container pushing the cartridges along said channel.

2,130,723
CALCULATING MACHINE
August Kottmann, Sommerda, Germany, assignor to Rheinische Metallwaaren-und Maschinenfabrik, Dusseldorf, Germany, a corporation of Germany
Application March 5, 1935, Serial No. 9,509
In Germany June 6, 1933
8 Claims. (Cl. 235—137)

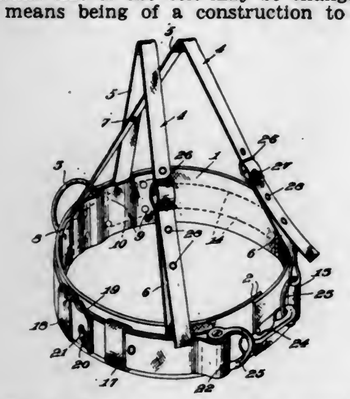


1. In a calculating machine, a tens-carrying device between a lower order and a higher order wheel and operable in the accumulator when its gears are out of mesh with the actuators, comprising a slide, a cam operated during tens-carrying to move the slide, an additive tens-carrying pawl and a subtractive tens-carrying pawl mounted on the slide and so arranged that one or the other of said pawls is brought into cooperation with a gear in the accumulator when the cam is operated, and a stop on the slide for arresting the pawls at the ends of their tens-carrying movement and while the effective pawl is in over-running preventing engagement with the accumulator gear.

2,130,724
DERRICKMAN'S SAFETY BELT
Charles T. Lewis, Oklahoma City, Okla.
Application February 14, 1938, Serial No. 190,510
6 Claims. (Cl. 227—49)

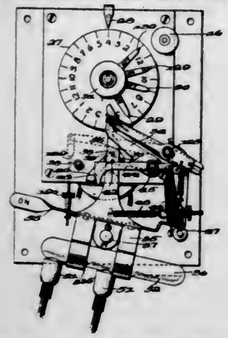
1. A safety belt of the character described, comprising a band of material adapted to encircle the waist of the wearer and having free ends adapted to be brought together at the front of the wearer, the band having a width, and formed of material of sufficient stiffness, to enable said ends to maintain a coacting parallel relation without direct connecting means therebetween, means for coupling together the said ends of the band comprising two units each being attached to the band adjacent one end of the same, and means facilitating the adjustment of one of said units in a direction circumferentially of the waist of the wearer of the belt whereby

the waist size of the belt may be changed, and said means being of a construction to permit



adjustment of the said one unit without disengaging it from the other unit.

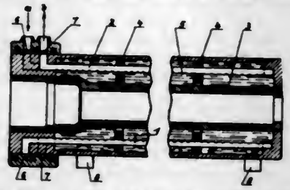
2,130,725
TIME SWITCH
Emil A. Meyer, Springfield, Ohio
Application June 26, 1935, Serial No. 28,566
4 Claims. (Cl. 200—39)



3. A device of the character described comprising a pair of pivotally mounted switches, each provided with contacts for an electric circuit, means for maintaining each of said switches in open circuit position, clockwork actuated members to move one of said switches to its opposite position and to restore said switch after a predetermined time to its original position, a clockwork actuated member to initiate the movement of the other of said switches to its opposite position, means in operative engagement with the last-mentioned switch and arranged to move it the remainder of the distance to its opposite position when said last-mentioned switch has moved a predetermined distance, and a clockwork actuated member to release said last-named means to permit said last-mentioned switch to move back to its original position.

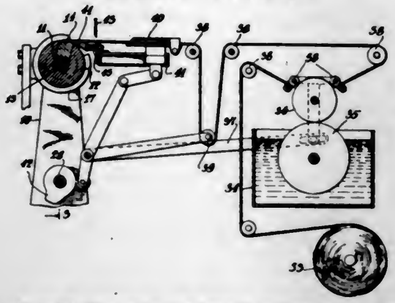
2,130,726
MOLD FOR CENTRIFUGAL CASTING
Robert Ardelt, Eberswalde, near Berlin, Germany
Application February 6, 1936, Serial No. 62,659
In Germany February 6, 1935
10 Claims. (Cl. 22—65)

1. An apparatus for centrifugal casting comprising a metallic mold, an outer shell, said mold and said shell forming a cooling space, feeding means and discharge means for carrying a cooling liquid to and from said cooling space respectively, said feeding means having inlet ports communicating with said cooling space, and being directed onto the outer surface of said metallic mold, said discharge means having outlet ports



communicating with said cooling space, said inlet and outlet ports being distributed over the whole circumference and over the whole length of said metallic mold, and two means separate from each other for connecting said feeding means to an external source of cooling liquid supply, and said discharge means to the outside on a level above said shell respectively.

2,130,727
METHOD AND APPARATUS FOR FORMING TUBES
H Chester Aument, Long Island City, N. Y.
Application March 17, 1937, Serial No. 131,354
13 Claims. (Cl. 93—81)



1. A tube forming machine including a mandrel to receive coated web convolutions, a roller disposed adjacent said mandrel to co-act with the convolutions of web material as they are received thereon and to wrap successive layers of such material in intimate contact with said mandrel and preceding convolutions, and the zone of said roller adjacent at least one of its edges being disposed in non-parallel relationship to the surface of said mandrel.

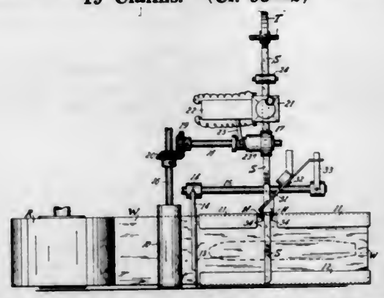
2,130,728
PACKAGE
Irving W. Berkman, Brooklyn, N. Y.
Application April 25, 1936, Serial No. 76,337
1 Claim. (Cl. 206—47)



As a new article of manufacture, a package of consumable materials comprising, in a unitary structure, marketable as such, a tubular container, a roll of sheet material wound thereon, means adapted to embrace said container and

roll, confining the free edge of said sheet material and adapted to be removed and replaced readily to permit withdrawal from said roll from time to time of said sheet material in desired lengths, a mass of strip material within said tubular container and wound upon a spool secured upon an axis journalled transversely between the opposite walls of said tube, said axis being constituted of a post penetrating the walls of the container, said strip material being dispensable by unwinding the outer layers thereof successively while the mass is confined bodily within said tubular container, and means to hold the free end of said strip material when not being withdrawn, while permitting free withdrawal thereof until entirely expended.

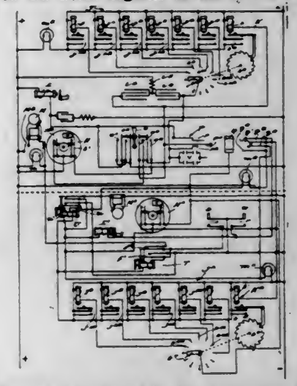
2,130,729
PACKAGING CIGARS, AND THE LIKE
Herbert A. Burns, Forest Hills, N. Y., assignor to International Cigar Machinery Company, a corporation of New Jersey
Application April 28, 1934, Serial No. 722,959
19 Claims. (Cl. 93—2)



1. In a wrapping machine, the combination with a folding pocket, of a web feed for feeding a web of wrapping material in front of said pocket longitudinally thereof, photoelectrically controlled means for feeding a printed strip transversely of said pocket in front of said web and registering the printed areas of the strip with said web, mechanism for severing a wrapper blank and a band from said web and strip, respectively, and nicking the cut wrapper at either side of the cut band, a device for transferring an article sidewise into said pocket, whereby the article is enfolded in the wrapper blank and the band is held between the wrapper and the article, and folders for folding the longitudinal edges of the wrapper into overlapping relation to form a seam with the nicked edge outermost and one end of the band extending between the nicks thereof.

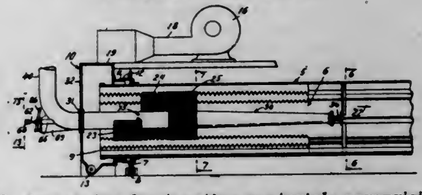
2,130,730
TWO-WAY ELECTRICAL COMMUNICATION SYSTEM
Chauncey L. Calkins, Chicago, Ill., assignor to Lothar A. Ederer, Chicago, Ill.
Application March 16, 1934, Serial No. 715,904
3 Claims. (Cl. 177—338)

3. In a message transmitting system, a calling station including means for sending a message and means for indicating a message sent, a receiving station including means for indicating a message received, means operatively connecting the calling station and the receiving station and the respective message sending means and the message indicating means whereby messages dispatched from the calling station are received at the receiving station and indicated at both stations, said message indicating means including parts movable in response to the dispatch of a message, signal means at the receiving station including a message to be sent signal and a message received signal, means for energizing the message to be sent signal from the calling sta-



tion, and means operable in response to movement of the indicating mechanisms at the calling and receiving stations in response to the dispatch of a message for respectively de-energizing the message to be sent signal and energizing the message received signal.

2,130,731
APPARATUS FOR TREATING MATERIAL
Bernard M. Carter, Montclair, N. J., assignor to General Chemical Company, New York, N. Y., a corporation of New York
Original application January 3, 1933, Serial No. 649,786. Divided and this application April 28, 1937, Serial No. 139,478
9 Claims. (Cl. 34—6)

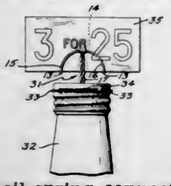


6. Apparatus for treating materials comprising a chamber, means for introducing material to be treated into the chamber, a conduit in the chamber for introducing treating medium, an opening in the conduit and a damper associated with the opening, said damper having oppositely pitched edges so formed as to close off on movement of the damper the whole of the opening or variable portions of either end of the opening.

2,130,732
DISPLAY CARD HOLDER FOR MERCHANDISE
William Christian, Milford, Conn.
Application December 17, 1937, Serial No. 180,309
9 Claims. (Cl. 40—11)

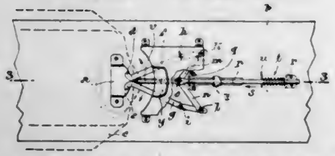
2. In a card holder, a wire having its intermediate portion bent upon itself to provide a pair of spaced portions connected at their outer ends and forming arms extending downwardly toward said outer ends, said portions adapted to receive a card between them with the lower edge of the card resting on their connected end portions, said wire having its portions inwardly of its arm forming portions twisted together to prevent casual

opening of the side portions of said arms and having its free ends extending in opposite direc-



tions, and a coil spring connected with the free ends of said wire for securing the latter to an article.

2,130,733
LINEN FOLDING MACHINE
Gervais Benoit Combarette, Thizy, France
Application February 8, 1936, Serial No. 62,959
In France February 9, 1935
4 Claims. (Cl. 223—37)



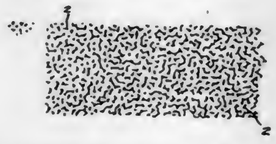
1. A machine for folding shirts and other textile articles, comprising in combination, a stationary table, a modeling frame for carrying the shirt to be folded, pivotally mounted on a pivot shaft on said table, a pair of side boards articulated to the table and capable of folding the edges of the shirt lengthwise one after the other, a rotatably movable tray in the form of a frame pivoted at one end and articulated adjacent the other end thereof, said tray being capable of folding back upon itself in order to fold and press the skirt of the shirt and of rotating while remaining folded in order to cause the shirt to be folded around said modeling frame, the tray being further capable of a reverse rotary movement effecting the release of the modeling frame and said modeling frame upon being released being capable of turning over in order to invert the folded shirt upon said table, means for actuating said side boards in succession, and means for actuating said tray.

2,130,734
STAPLING MACHINE
William Drypolcher, Valley Stream, N. Y.
Application June 11, 1935, Serial No. 25,973
15 Claims. (Cl. 1—49)



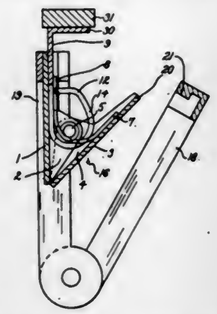
1. In a machine of the type specified, a casing, staple guide means, staple driving means, and resilient means normally urging the driving means across the guide means, said driving means being arranged to swing sidewardly sufficiently to clear the guide means in order to permit loading of staples into the guide means without preliminarily tensioning the resilient means.

2,130,735
METHOD OF PRODUCING A PRINTING PLATE
Emil Eduard Eckardt, Dresden, Germany
Original application November 18, 1933, Serial No. 698,671. Divided and this application February 20, 1937, Serial No. 126,933. In Germany December 12, 1932
6 Claims. (Cl. 95—5.7)



1. The method of producing a printing plate, comprising exposing and developing a light-sensitive silver-halide layer, treating said layer so as to cause the silver particles therein to become rearranged to form a screen, exposing a sensitized metal plate through said layer, and etching said plate.

2,130,736
LOCK OR LATCH MECHANISM
Maurice O. Goldsmith, Dorchester, Mass.
Application May 14, 1937, Serial No. 142,588
4 Claims. (Cl. 292—229)



1. In combination with a bag having a stationary jaw and a movable jaw operating in a substantially arched fashion, a locking device comprising a pair of metal plates, means pivoting said plates to one another, spring means maintaining said jaw normally opened at the top, a bar, means guiding said bar between said jaws, said bar having a portion curving under said pivot and extending upwards and contacting the inner face of said jaw, said portion being a spring element and positioned to contact one of said jaws as it is moved downward and force the open ends of the jaws together against a recess formed in the top edge of the relatively movable jaw of the bag.

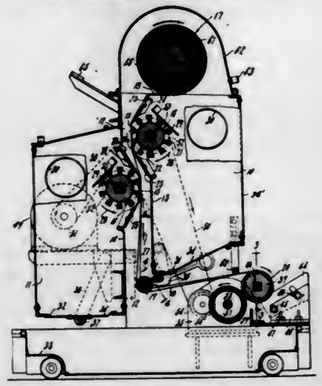
2,130,737
COPPER ALLOY
Franz R. Hensel and Earl I. Larsen, Indianapolis, Ind., assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
No Drawing. Application September 15, 1937, Serial No. 164,038
2 Claims. (Cl. 75—159)

1. An alloy containing about 0.1 to 10% cobalt, about 0.1 to 10% cadmium, about 0.01 to 5% silicon and the balance copper.

2,130,738
COPPER ALLOY
Franz R. Hensel and Earl I. Larsen, Indianapolis, Ind., assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
No Drawing. Original application September 15, 1937, Serial No. 164,038. Divided and this application July 19, 1938, Serial No. 220,006
2 Claims. (Cl. 75—159)

1. An alloy containing about 0.1 to 10% cobalt, 0.1 to 10% cadmium, 0.01 to 5% phosphorus, and the balance copper.

2,130,739
APPARATUS FOR TREATING THE SURFACE OF SHEET RUBBER
Frank Honig, Pawtucket, R. I., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application December 6, 1935, Serial No. 53,152
10 Claims. (Cl. 91—59)



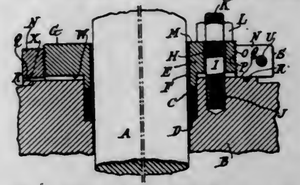
1. In an apparatus for treating web material, pairs of supports arranged in a zigzag path, means for tightly drawing the material across said supports, means for rubbing and causing said material to pulsate rapidly between said supports, and means for varying the amplitude of the pulsations.

2,130,740
ESTERS OF HYDROGENATED ABIETYL ALCOHOL AND METHOD OF PRODUCING
Irvin W. Humphrey, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application August 30, 1933, Serial No. 687,481
46 Claims. (Cl. 260—100)

1. An organic carboxylic acid ester of hydrogenated abietyl alcohol.

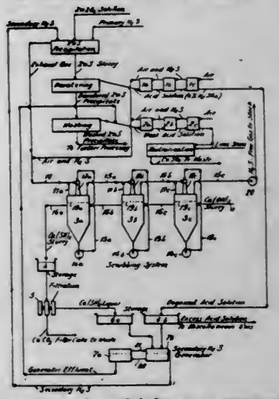
2,130,741
STUFFING BOX
Jesse B. McClain, Palmyra, N. Y., assignor to The Garlock Packing Company, Palmyra, N. Y., a corporation of New York
Application April 7, 1937, Serial No. 135,402
5 Claims. (Cl. 286—39)

1. A stuffing box for a rod, comprising two members, relatively adjustable axially of a rod passing therethrough, providing a variable packing space between said members, said members having substantially parallel surfaces coacting to establish a limit to the relative axial adjustment of said members and to insure a substantially parallel relative attitude thereof at such limit of adjustment, one of said members having a packing engaging portion and a unitary leveler on which the latter member's said parallel surface is carried, and said leveler being adjustable axially of said packing engaging portion, whereby to permit variation of the limits of the said packing space while maintaining the relative parallelism of the said members, the said mem-



bers, further, being substantially non-rotatable relatively to each other and the said unitary leveler having a circumferential-thread engagement with said packing engaging portion, whereby relative axial adjustment of the two may be accomplished by circumferential rotation of the leveler.

2,130,742
PRECIPITATION OF ZINC SULPHIDE WITH HYDROGEN SULPHIDE RECOVERY
Arne J. Myhren and Samuel I. Hammond, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y., a corporation of New Jersey
Application April 1, 1937, Serial No. 134,220
4 Claims. (Cl. 23—135)

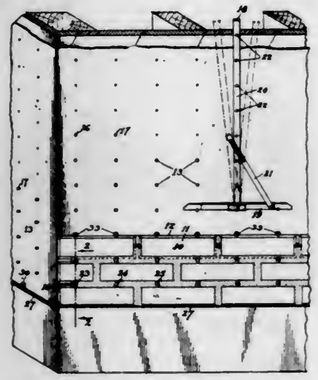


1. In a method in which an aqueous zinc sulphate solution is reacted with hydrogen sulphide gas to produce zinc sulphide precipitate and a residual gas containing a relatively small proportion of hydrogen sulphide, the improvement which comprises reacting the residual gas in the presence of oxygen with calcium hydroxide slurry while cooling the slurry to prevent the formation of calcium polysulphide and to form calcium sulphydrate, reacting the calcium sulphydrate with strong acid to drive off hydrogen sulphide in concentrated form and returning the concentrated hydrogen sulphide to the reaction with the aqueous zinc sulphate solution to produce zinc sulphide.

2,130,743
METHOD OF APPLYING FACING MATERIAL
Alfred H. Parsons, Rockville Centre, N. Y.
Application July 10, 1936, Serial No. 89,923
10 Claims. (Cl. 72—19)

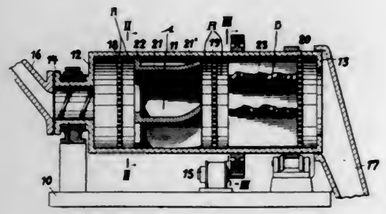
1. The process of laying a veneer over a frame building which comprises driving nails into the

sheathing of the building at predetermined intervals, laying pieces of veneering material between



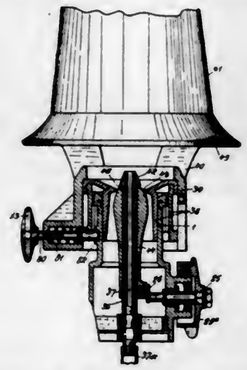
the nails, securing the said pieces by clips, and covering the clips with mortar placed in the joints between the said pieces.

2,130,744
ROTARY DRUM
Wilhelm Reintrock, Podsused, near Zagreb, Yugoslavia, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany
Application March 26, 1937, Serial No. 133,130
In Germany February 10, 1936
3 Claims. (Cl. 83—9)



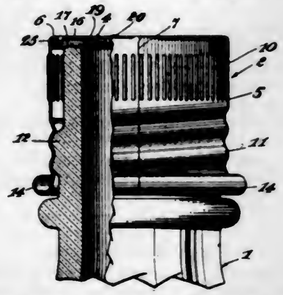
2. In a device of the kind described, a peripheral wall forming a drum of uniform cross-section, means supporting said drum for rotation, means for rotating said drum, perforated transverse walls in said drum, and longitudinal partitions between said transverse walls extending from the axial midsection of the drum to the peripheral wall thereof and terminating in a closed central hub to subdivide the inner space of the drum into grinding chambers, the axial length of said partitions being sufficient to cause a repeated tumbling of the material in its travel along them, but less than the distance between the transverse walls enclosing them, so that at least at one end of said partitions there is a free zone between the ends of the partitions and the adjacent transverse wall which communicates openly with said grinding chambers, the space between each adjacent pair of partitions being wholly open to said free zone, with the exception of a flange on each partition extending slightly above the side of the partition which faces upward when the partition is moving upward, to hold the material to be ground to a certain depth on the partition.

2,130,745
FIRE HOSE NOZZLE
Konrad Rosenbauer, Linz-on-the-Danube, Austria
Application September 19, 1934, Serial No. 744,683
In Austria September 22, 1933
9 Claims. (Cl. 169—15)



8. A device for selective and controlled varying of the shape, size and composition of the jet thrown from a fire-hose, comprising in combination a nozzle mouthpiece constructed and arranged so as to be adjustable to produce a finely divided spray, a funnel-shaped air-intake tube for the production of froth jets, said tube being open at both ends and constructed and arranged to be brought into and out of an operative position in which the nozzle mouthpiece discharges into said tube, a water supply for the nozzle mouthpiece and a supply for adding a frothing agent to the water.

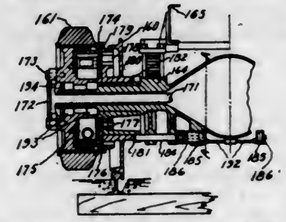
2,130,746
TWO-PIECE KETCHUP CAP
Edgar Scofield, New York, N. Y., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y., a corporation of New York
Application July 18, 1930, Serial No. 468,754
4 Claims. (Cl. 215—40)



3. A closure cap comprising a cover part having an annular groove formed therein substantially at the outer periphery thereof and having a substantially flat central portion, a sealing material flowed into and adhered in said groove and having a greater thickness than the depth of the groove to form a thin layer extending over the central portion of the cover part, whereby the sealing material is relatively thick in the groove for engaging the rim of a container and relatively thin over the central portion of the cover part to protect it against the contents of

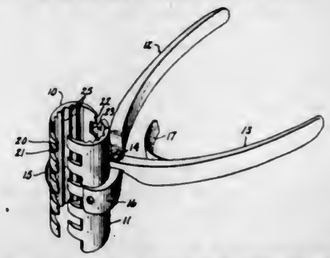
the container, and a depending skirt having screw means for engaging cap attaching means on a container.

2,130,747
SYSTEM AND APPARATUS FOR HANDLING FREIGHT
Harold A. Soulis, Easton, Pa.
Application December 19, 1933, Serial No. 703,048
16 Claims. (Cl. 105—215)



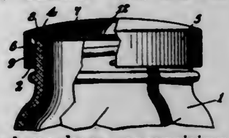
1. In a vehicle, comprising a frame and axles and highway operating wheels and flanged rail operating wheels, said flanged rail operating wheels being mounted on eccentric bushings having a bearing on said axles, said flanged rail operating wheels having a gear integrally attached, said highway operating wheels having a brake drum fixed thereto and brake shoes mounted therein, said eccentric bushing having a brake backing plate mounted thereon and said brake shoes having a pivotal connection on said brake backing plate and means for conditioning the eccentric bushings to turn through an arc sufficient to raise said rail operating flanged wheels and lower said highway operating wheels, or to lower said rail operating flanged wheels and raise said highway operating wheels, when said brake shoes are forced against the said brake drum, when torque is applied to said highway operating wheels.

2,130,748
PERMANENT WAVING
Eugene F. Suter, New York, N. Y., assignor to Eugene, Ltd., New York, N. Y., a corporation of New York
Application January 13, 1936, Serial No. 58,836
9 Claims. (Cl. 132—36)



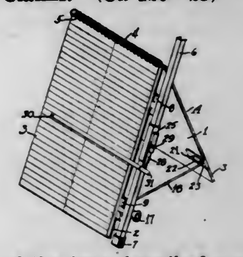
1. In a process of permanent waving wherein the heating and steaming of a wound curl is effected by placing an electrolytically conductive heating and lotion carrying device adjacent the hair, the steps of applying external radial pressure to said device substantially uniformly around the portion thereof embracing the curl whereby to increase and render uniform the electrical conductivity of said device and to force lotion out of the device into the hair and thereafter passing current electrolytically through said device to heat and steam the hair.

2,130,749
CAP AND PACKAGE
Louis A. Von Till, Brooklyn, N. Y., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y., a corporation of New York
Application September 21, 1931, Serial No. 564,063
7 Claims. (Cl. 215—43)



1. A sealed package comprising a container having screw threads therein, a closure cap molded of a synthetic resin or the like having screw threads adapted to co-operate with the screw threads on the container, and a disc liner seated in said closure cap, an annular sealing zone in the cover portion of the cap adapted to press the liner against the rim of the container, said sealing zone inclining downwardly toward the center of the cap and upwardly toward the outer periphery, said cover portion being substantially thinner at the center thereof than at its periphery, to increase the flexibility thereof.

2,130,750
LINE INDICATOR AND MEANS OF ATTACHMENT TO A NOTEBOOK
Bonnie E. Van Alstyne, San Francisco, Calif.
Application October 26, 1936, Serial No. 107,525
9 Claims. (Cl. 120—28)



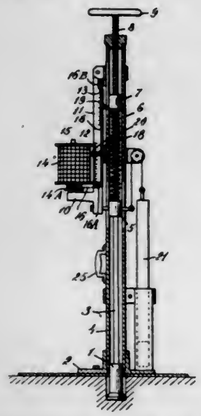
6. A device of the type described comprising a member securable to a note book back, a second member securable to a note book cover, and a link connecting the members together for holding the cover and back at an angle to each other, and a line indicator operatively connected to the first member.

9. In a device of the type described, a guide bar removably attachable to a note book to be supported thereby, a line indicator slidable along the bar, and a rubber foot secured to the lower end of the guide bar for contacting with a supporting surface.

2,130,751
APPARATUS FOR DETERMINING THE RESISTANCE OF THE GROUND
Constant Pierre Jean Marie Van der Meer, Brussels, Belgium
Application March 3, 1936, Serial No. 66,802
In Belgium March 6, 1935
2 Claims. (Cl. 265—2)

2. Apparatus capable of measuring the resistance of ground comprising in combination, a piston, means for exerting pressure on the piston and causing it to exert a pressure upon and penetrate the ground, a carriage operatively connected to the piston and responsive to the movement thereof, a recording instrument mounted

upon the carriage, means actuating it responsive to pressure changes exerted upon the piston, a stylus adapted to trace a curve on the



recording instrument indicating both the pressure upon and penetration of the piston, and means attached to said carrier for counterbalancing the weight of said carriage.

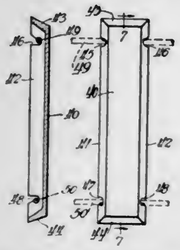
2,130,752

ILLUMINATED SIGN AND SIGN CHARACTER

Erwin Wagner, Chicago, Ill.

Application October 22, 1935, Serial No. 46,143

2 Claims. (Cl. 40—140)



1. In a sign of the class described, the combination with a transparent panel and two spaced horizontal supporting members in front of said panel, of a character adapted to be mounted on said panel by means of said members, said character having a notch or groove adapted to engage one of said members, and having another notch or groove adapted to engage the second member only when the character is forcibly pressed against the same, the said character having a cam surface over which said second member rides and is displaced responsive to such pressure to guide it into said groove.

2,130,753

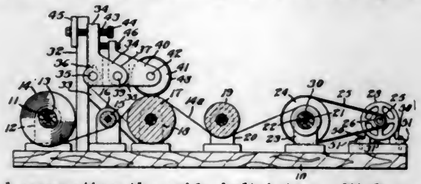
METHOD OF MAKING ABRASIVE BELTS

James Howard Baker, Green Island, N. Y., assignor to Behr-Manning Corporation, Troy, N. Y., a corporation of Massachusetts

Application October 29, 1937, Serial No. 171,663

1 Claim. (Cl. 51—278)

Method of making several abrasive belts at one time which comprises providing a roll of coated abrasive material, drawing the abrasive material under a scorer, cutting the abrasive material to the desired length, joining the two ends together,



and separating the wide belt into multiple narrower belts by separating along the scored lines.

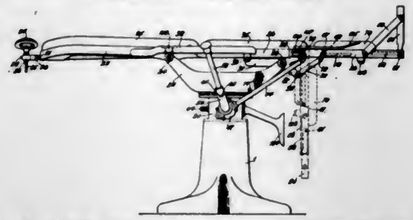
2,130,754

SURGICAL CHAIR

John C. Cornell, St. Louis County, and James O. Carrey, St. Louis, Mo.; said Carrey assignor to said Cornell

Application December 12, 1935, Serial No. 54,040

8 Claims. (Cl. 155—29)



1. A chair comprising a supporting frame, a back having pivotal connection near its lower end with said frame, angular levers having pivotal connection with the front end of said frame and having lower arms extending downwardly and forwardly and upper arms extending upwardly from said pivotal connections, a seat having pivotal connection at its rear end with the lower end of said back below said first named pivotal connections and having pivotal connection at its forward end with said lower arms of said levers below and forwardly of said second pivotal connections, and arm rests having their rear ends pivotally connected with said back farther above said first pivotal connections than the pivotal connections of said seat with said back and having their forward ends pivotally connected with the upper ends of said upper arms of said levers farther from said second pivotal connections than the pivotal connections of said seat with said levers, whereby downward movement of said back to horizontal position will move said seat upwardly and said arm rests downwardly differentially to extend said seat above said arm rests.

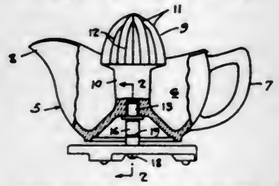
2,130,755

JUICE EXTRACTOR

John R. Gednetz, Los Angeles, Calif., assignor of one-half to Samuel R. Mercer, Los Angeles, Calif.

Application April 4, 1936, Serial No. 72,766

3 Claims. (Cl. 146—3)



1. In a juice extractor, a pitcher, a reaming burr secured within said pitcher, an annularly-grooved spindle secured to the bottom of said pitcher in axial alignment with said burr, a base having a bearing for said spindle, so as to rotatively support said pitcher, a slot in said bearing intersecting the bore thereof, and a spring finger secured to one side of said slot adapted to engage in the groove of said spindle while the bearing is supporting said pitcher.

2,130,756

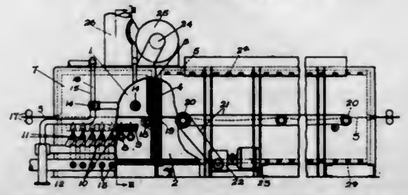
HEAT TREATMENT OF METALS

John Edwin Malam, Birmingham, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain

Application October 6, 1936, Serial No. 104,289

In Great Britain October 17, 1935

7 Claims. (Cl. 13—2)



1. Apparatus for the heat treatment of metal comprising a preheating chamber having an inlet for the metal to be heat treated and a juxtaposed annealing chamber having an outlet for the heat treated metal and communicating with said preheating chamber by a narrow opening adapted for the passage of said metal, means for conveying said metal through the preheating chamber and annealing chamber in succession, combustion means for heating said metal during its passage through said preheating chamber, and electrical means for heating said annealing chamber.

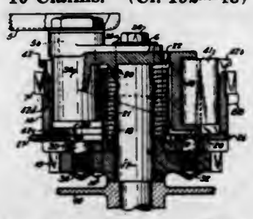
2,130,757

CLUTCH MECHANISM

John J. McCabe, Euclid, Ohio, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio, a corporation of Ohio

Application March 9, 1936, Serial No. 67,830

10 Claims. (Cl. 192—48)



1. A clutch assembly comprising, a driving clutch element and a driven clutch element, a coil spring secured to one of said clutch elements and adapted to frictionally engage the other clutch element, means for effecting the engagement and disengagement of said spring with respect to said last named clutch element during the operation of said driving clutch element, and means comprising an annular, expansible friction member automatically connecting said driven element to said driving element when said driven element tends to drive the driving element, said last-named means including an element operated by said driven element for expanding said expansible friction element under the conditions specified.

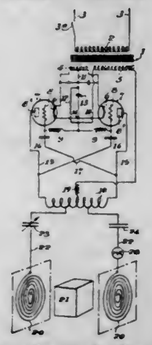
2,130,758

ELECTRODE FOR DIATHERMY TREATMENT AND THE LIKE

Edgar J. Rose, Los Angeles, Calif., assignor to E. J. Rose Manufacturing Company of California, Inc., Los Angeles, Calif., a corporation of California

Application June 1, 1935, Serial No. 24,493

5 Claims. (Cl. 128—413)



1. A treatment electrode for diathermy treatment and the like, which comprises an electrical conductor wound in substantially flat spiral form and having at least one electrically open end, and electrical conductor means connected to said spiral at one point only for electrical association of said electrode with a source of high frequency energy, said point being removed from said open end.

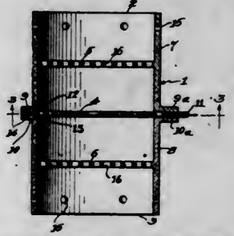
2,130,759

ELECTRODE FOR DIATHERMY TREATMENT

Edgar J. Rose, Los Angeles, Calif., assignor to E. J. Rose Manufacturing Company of California, Inc., Los Angeles, Calif., a corporation of California

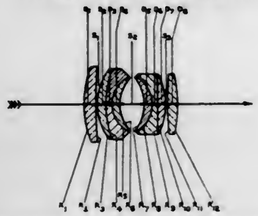
Application December 11, 1937, Serial No. 179,323

6 Claims. (Cl. 128—413)



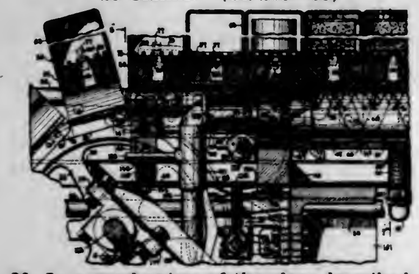
1. A diathermy treatment electrode which comprises: an elongated casing having a treatment end and including a protection partition positioned adjacent said treatment end; a metallic electrode member disposed within said casing at a position removed from said treatment end and insulated from said casing, said electrode member comprising an electrical conductor wound in spiral form and having an open end, the axis of said electrode extending substantially in the direction of the length of said casing; and an electrical conductor connected to said spiral conductor at one point only for electrical association of said spiral conductor with a source of high frequency energy, said partition being positioned between said treatment end of said casing and said electrode member in protecting relation to said electrode member so as to restrict manual access to said electrode member through said treatment end.

2,130,760
LENS
Arthur Warmisham, Leicester, England, assignor to Kapella Limited, Leicester, England, a corporation of England
Application May 5, 1937, Serial No. 140,789
In Great Britain May 5, 1936
7 Claims. (Cl. 88—57)



1. Lenses comprising a pair of convergent components enclosing a pair of compound divergent meniscus components separated by air spaces, and placed with their outer concave surfaces facing one another and enclosing a diaphragm between them, in which each of the divergent components is compounded of three elements comprising two outer elements and a divergent element positioned therebetween of which the outer elements adjacent to the diaphragm are convergent menisci, each of which has a refractive index higher than that of the inner element adjacent to it.

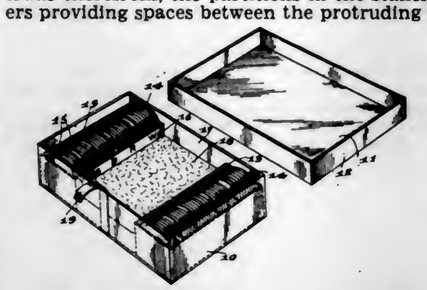
2,130,761
PACKAGE TREATING MACHINE
Frederick E. Bickford, Rye, N. Y.
Application April 4, 1938, Serial No. 199,860
28 Claims. (Cl. 226—68)



20. In a mechanism of the class described, the combination of a tubular valve mechanism, links arranged in an endless chain and adapted to communicate with a pressure or suction source through the medium of said valve mechanism, said chain links comprising vacuum and pressure-tight chambers, means to permit the insertion of packages to be evacuated and filled within said chambers, means for automatically closing said chambers during evacuating and filling operations, means for sealing containers within said chamber, and means for automatically opening said chambers to permit removal of evacuated, filled and sealed packages.

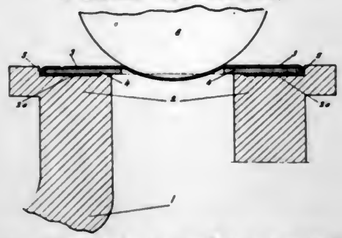
2,130,762
POKER SET
Howard S. Borden, Rumson, N. J.
Application January 30, 1936, Serial No. 61,607
2 Claims. (Cl. 273—148)

2. A poker set, comprising a box having a cover, a plurality of transverse stakeholders adapted to be inserted in said box, said stakeholders each having a width to receive in edgewise and transverse relation rows of chips therein, and provided with spaced transverse vertical partitions to segregate the chips according to their representative values, the width of the stockholders being substantially equal to the diameter of the chips, the depths of the stakeholders and of the partitions being less than the diameter of the chips, to enable the chips to protrude therefrom, the partitions in the stakeholders providing spaces between the protruding ends



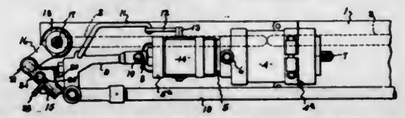
of the chips, dividing the segregated chips according to their representations, a partition in the box in spaced relation to said stakeholders whereby to admit at least one deck of cards between said latter partition and the opposite or inner sides of staid stakeholders, a pair of the aforesaid stakeholders arranged so that the bottom of one stakeholder rests on the chips of the stakeholder therebeneath, and that the inner walls of each pair of stakeholders form a support for the cards.

2,130,763
CLOSING DEVICE FOR VESSELS CONTAINING A MATTER UNDER PRESSURE, ESPECIALLY FIRE EXTINGUISHERS
Joseph Marie Francois Bouillon, Paris, France
Application November 17, 1937, Serial No. 175,029
In France January 16, 1937
1 Claim. (Cl. 169—26)



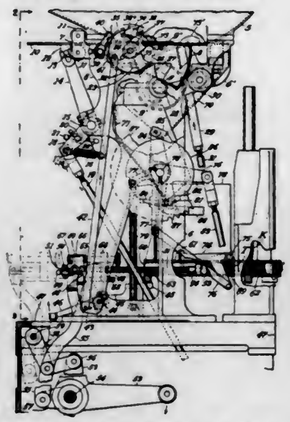
A closing device for an orifice of a vessel adapted to contain a matter under pressure and having an annular seat around said orifice, which comprises, in combination, an annular metal part adapted to fit on said seat, a circular sheet of a soft metal applied upon the outer face of said annular part and folded at the periphery over the outer edge of said annular part, so that it is caught between said annular part and said seat, a layer of solder binding the inner face of said annular part and the folded portion of said sheet with said seat, whereby said sheet thus stops said orifice in a fluidtight manner, said annular part being relatively thick so as to absorb a substantial amount of heat from said solder without deterioration, said sheet being so thin as to break under the effect of the pressure inside said vessel, means adapted to be applied against said sheet, on the outer side of the central part thereof, for forming a rigid support for said part of said sheet, and means for normally holding said above mentioned means in this position, responsive to temperature variations so as to be brought out of action when the temperature exceeds a predetermined value.

2,130,764
COMBINED MOTOR MECHANISM AND CONTROL SWITCH THEREFOR
Roscoe D. Conklin, Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y., a corporation of West Virginia
Application September 30, 1937, Serial No. 166,683
1 Claim. (Cl. 192—150)



A combination as described including a motor, an object to be moved, a lever connected to said motor, a lever connected to said object, a pivot pin interconnecting said levers, one of said levers having an elongated slot in which said pin lies, a switch mounted on one of said levers and a spring for holding it in engagement with the other whereby excess pressure on said levers causes relative movement between them so that the pin slides in said slot and the switch is closed.

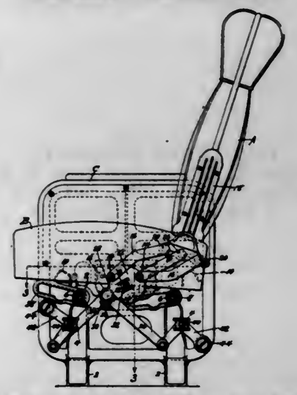
2,130,765
SCRAP TOBACCO FEED
John F. Halstead, Brooklyn, N. Y., assignor to International Cigar Machinery Company, a corporation of New Jersey
Application June 5, 1935, Serial No. 24,992
43 Claims. (Cl. 131—39)



40. A scrap tobacco feed for cigar machines comprising a measuring chamber adapted to receive a supply of scrap tobacco, means for compacting the tobacco in said chamber, and mechanism controlled by said means for delivering either a relatively large or small tobacco charge of measured volume to said chamber in accordance with the supply of tobacco in the chamber.

42. A scrap tobacco feed comprising a hopper having an outlet and adapted to receive a supply of scrap tobacco, a feed pocket arranged to receive tobacco from said outlet, a blunt member adapted to close said pocket, and means for actuating said device to close said pocket after it has received a quantity of tobacco from said outlet, to segregate the same from the tobacco in said hopper without cutting, said blunt member being reciprocable, and said means including a yielding member for moving said blunt member into closed position.

2,130,766
WALK-OVER SEAT MECHANISM
John M. Knight, Atlantic Highlands, N. J., and Julius Schlenther, St. Charles, Mo., assignors to American Car and Foundry Company, New York, N. Y., a corporation of New Jersey
Application January 28, 1936, Serial No. 61,122
5 Claims. (Cl. 155—102)

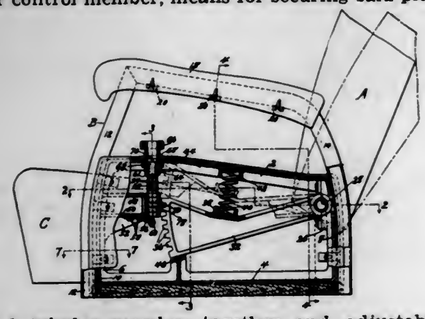


1. A walk-over seat comprising, end frames, tie means connecting said frames, a seat back, a plurality of pivot pins projecting from the end frames, links connecting at least some of said pivot pins and seat back together, control means connected to said seat back and slidably engaging at least one of said pivots, a control bar connected to said control means and moveable therewith, bell-cranks pivotally mounted upon each of said frames, cross bars connecting said bell-cranks together in pairs to form footrests, and control arms pivotally connecting said bell-cranks to said control bar whereby said bell-cranks will be rotated in opposite directions upon movement of said control means by said seat back.

2,130,767
RECLINING SEAT CONTROL MECHANISM
John M. Knight, Atlantic Highlands, N. J., assignor to American Car and Foundry Company, New York, N. Y., a corporation of New Jersey
Application January 16, 1937, Serial No. 120,989
5 Claims. (Cl. 155—152)

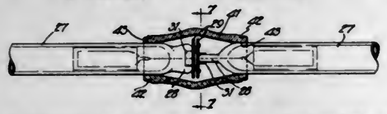
4. In a reclining seat, the combination with a seat frame, a back pivoted upon the frame and movable to reclining position, an operating arm rigidly secured adjacent its rearward end to the back and arcuately movable in unison with the back in a vertical plane, a plurality of projections formed on the forward end of the operating arm, and locking means for said seat back including a rotatable tubular control member mounted on the seat frame adjacent the forward end of said operating arm, a projection carried by said control member for engagement with the projections on said operating arm, a torsion spring fixed to said frame and extending into said tubular control member, a plug positioned in

said control member and fixed to the upper end of said spring, an operating knob for said tubular control member, means for securing said plug



and tubular member together and adjustably securing same in said operating knob, and stop means for limiting the rotary movement of said knob.

2,130,768
ELECTRODE TERMINAL
Harry L. Kresge, New York, N. Y.
Application May 29, 1936, Serial No. 83,099
2 Claims. (Cl. 176—126)

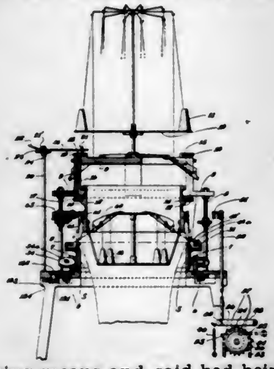


1. A terminal for neon lamp electrodes comprising in combination with a neon lamp having a flattened end and an electrical conductor projecting from said flattened end, a metal disk-like member, a pair of spaced ears projecting from said disk-like member upon one side thereof for embracing engagement with the flattened end of the neon lamp, and means for electrically connecting the electrical conductor of said neon lamp to said disk-like member, said last mentioned means comprising a pair of spaced ears projecting from the disk-like member upon the opposite side thereof with respect to said first mentioned ears.

2,130,769
KNITTING MACHINE
Vincent Lombardi, Garden City, N. Y., assignor to Lombardi Knitting Machine Co., Inc., New York, N. Y., a corporation of New York
Application December 5, 1936, Serial No. 114,317
59 Claims. (Cl. 66—135)

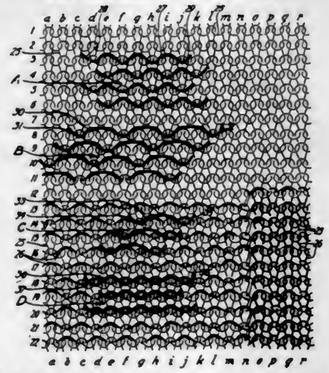
34. A knitting machine comprising a needle bed, needles on said bed, means to hold yarn in position to be caught by yarn-feeding means, yarn-feeding means adapted to catch yarn held by said holding means, and means independent of said holding means to cause said yarn to be released from said yarn-feeding means after the yarn has been fed into position to be received by a limited number of said needles.

59. A circular knitting machine comprising a needle bed, a series of needles on said bed, means to cause a portion of a strand of yarn to be received by at least certain of a group of said needles while extending in one direction and thereafter in the same rotation to cause an adjacent portion of said strand to be received by at least certain of the needles of said group while extending in a generally opposite direction and to incorporate said portions into the fabric, the last-mentioned means including means to selectively manipulate the needles of said group, and said



manipulating means and said bed being mounted for relative rotation in a single direction only.

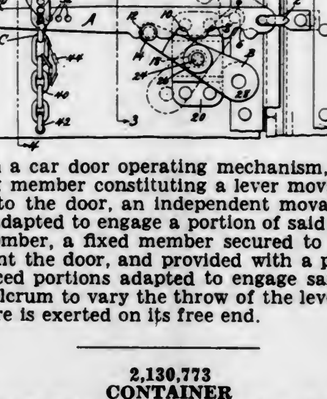
2,130,770
KNITTED FABRIC
Vincent Lombardi, Garden City, N. Y., assignor to Lombardi Knitting Machine Co. Inc., New York, N. Y., a corporation of New York
Application March 18, 1937, Serial No. 131,667
36 Claims. (Cl. 66—190)



1. A knitted fabric of the Jersey type embodying ground yarn which extends coursewise thruout the fabric and at least certain of which is knitted yarn; and also embodying additional yarn which is present at only a part of the coursewise extent of the fabric, which is generally at the rear of the knitted yarn, and which, in each of a plurality of courses, extends in an undulating manner, is caught under sinker loops of the knited yarn, and is unconnected with any other coursewise extents of said additional yarn; a portion of the fabric at at least one side of said coursewise extents of said additional yarn being composed only of said ground yarn.

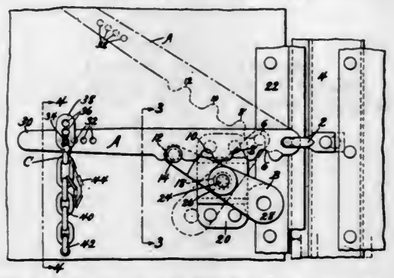
2,130,771
INFANT'S SLEEPING GARMENT
Blanche C. Mann, Evanston, Ill.
Application July 9, 1937, Serial No. 152,793
2 Claims. (Cl. 2—114)

1. An infant's sleeping garment comprising: a waist portion adapted to fit the trunk of a child provided with sleeves and formed with a neck opening; and a bag portion closed at the sides and bottom and substantially wider than the waist portion to allow the child freedom in movement of the legs; said garment being formed with a front opening extending downwardly from the neck opening lengthwise of the waist and for a



substantial distance into the bag portion and provided with closure means; the garment being widened abruptly below the waist on lines which, extending from the waist, are, as they approach the sides of the bag almost at right angles to the line of the front opening.

2,130,772
CAR DOOR OPERATING AND LOCKING MECHANISM
John J. McBride, Bayonne, N. J., assignor to American Car and Foundry Company, New York, N. Y., a corporation of New Jersey
Application November 20, 1935, Serial No. 50,704
9 Claims. (Cl. 268—44)



1. In a car door operating mechanism, an operating member constituting a lever movably secured to the door, an independent movable fulcrum adapted to engage a portion of said operating member, a fixed member secured to the car adjacent the door, and provided with a plurality of spaced portions adapted to engage said movable fulcrum to vary the throw of the lever when pressure is exerted on its free end.

2,130,773
CONTAINER
Maximilian C. Meyer, Brooklyn, N. Y.
Application December 18, 1936, Serial No. 116,577
1 Claim. (Cl. 206—8)

A container of the type described, comprising a sheet of cellulose derivative stock formed into a cylinder having an aperture therein, a pair of end walls comprising circular discs cemented to the ends of the cylinder, a pair of rings of cellulosic material cemented to each end wall in spaced relation to form circular guide tracks, one of said ring members of each pair being also cemented



to the cylinder in the angle between the cylinder and the adjacent end wall to reinforce the joint between them, and a transparent slidable door of cellulosic material mounted in said guide tracks for closing said opening.

2,130,774
FOUNTAIN PEN
Edward F. L. Michael, New York, N. Y., assignor of one-half to Max Grill, New York, N. Y.
Application October 19, 1935, Serial No. 45,767
7 Claims. (Cl. 120—42)

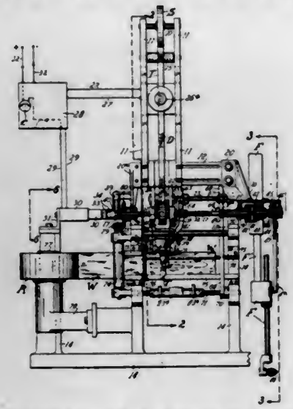


1. In a fountain pen, a barrel, a pair of tubular extensions projecting from the forward end of said barrel, a plurality of writing nibs or points rotatably mounted between the tubular extensions whereby either of the writing nibs or points may be positioned for operation, and means for securing the writing nib or point adjusted for operation in its operative position, said last mentioned means embracing the tubular extensions and having cut out portions adapted for registration with the spaces between the tubular extensions to permit of free rotary movement of the writing nibs or points.

2,130,775
TEAR STRIP WRAPPING MACHINE
Joseph A. Neumair, Hollis, N. Y., assignor to International Cigar Machinery Company, a corporation of New Jersey
Application September 18, 1934, Serial No. 744,597
Renewed September 4, 1937
24 Claims. (Cl. 93—2)

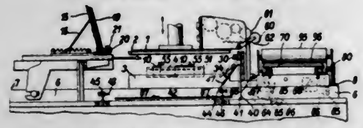
1. The combination with a folder pocket, of a web feed for feeding a web of wrapping material in front of said pocket longitudinally thereof, photoelectrically controlled means for feeding a printed web transversely of said pocket in front of said wrapper web and registering the printed areas of the printed web with said wrapper web, mechanism for severing a wrapper blank and a tear strip from said wrapper web and printed web respectively and nicking one edge of the wrapper web at either side of the printed web,

a device for periodically advancing a row of articles and transferring an article sidewise from said row into said pocket, whereby the article is enfolded in the wrapper blank and the tear strip is held between the wrapper and the article, mechanism controlled by the advancing movement of the articles in said row for incapacitat-



ing said photoelectrically controlled means when there is no article in position to be transferred to said pocket, and folders for folding the longitudinal edges of the wrapper into overlapping relation to form a seam with the nicked edge outermost so that the tear strip protrudes from said seam between the nicks of said outer wrapper edge.

2,130,776
APPARATUS FOR MOUNTING SAMPLES ON CARDS AND THE LIKE
Alfred Oser, Vienna, Austria
Application October 26, 1937, Serial No. 171,071
In Germany November 9, 1936
24 Claims. (Cl. 216—2)



1. In an apparatus for mounting samples on backing, such as a sample card, folder, etc., a vertically reciprocatable head adapted to carry a backing, means for inserting a backing in said head, a bed underneath said head, a slide positively guided on said bed, means provided on said slide for controlling said inserting means on the movement of said slide along said bed so as to insert a backing in said head.

23. An apparatus for mounting samples on cards and the like, comprising a head for carrying a card, a bed underneath said head, a slide positively guided on said bed, an adhesive-container and a sample-container mounted on said slide, adhesive-applying members provided in the adhesive-container, forms associated with the sample-container, an inking mechanism for inking said forms, means for inserting a card in said head, means provided on said slide for controlling the card-inserting means and the inking mechanism on the movement of said slide so as to insert a card in said head and to ink said forms, and means for alternately lowering said head over said adhesive-container so as to apply adhesive to the said card, and over said sample-container so as to cause the samples to adhere to said card and to print said card with the aid of said forms.

2,130,777
METHOD FOR THE PRODUCTION OF COMPOSITE IMAGES
Leonti Planskoy, Paris, France
Application December 20, 1935, Serial No. 55,331
In France December 21, 1934
2 Claims. (Cl. 88—16)



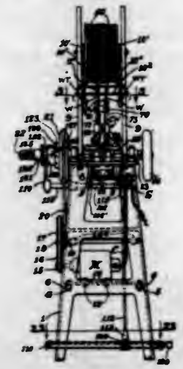
1. A method for producing a composite image on a sensitive layer adapted, after having been fogged by exposition to a first kind of light, to be restored in its sensitiveness by a second kind of light, which consists in preparing a negative of a first component, preparing a positive and a negative of a second component, exposing a surface of said layer to said first kind of light through said negative of said first component, restoring the sensitiveness of said layer in part of said surface by exposing said part of said surface to said second kind of light successively through said positive and said negative of said second component and by simultaneously preventing exposure of the other parts of said surface, exposing said part of said surface to said first kind of light through said negative of said second component, and developing said sensitive layer.

2,130,778
MECHANICAL PENCIL
Edward O. Rubel, Rochester, N. Y.
Application March 13, 1935, Serial No. 10,870
2 Claims. (Cl. 120—17)



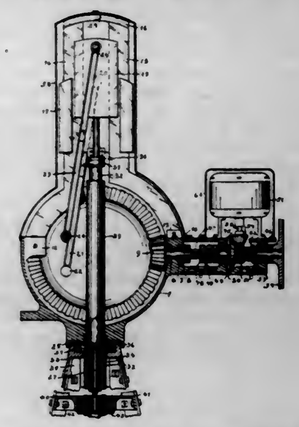
1. A mechanical pencil comprising a hollow shank, a sleeve member mounted to reciprocate within said shank, a ratchet bar projecting from said sleeve member and movable in and out thereof, a spring pressed holding pawl carried by said sleeve so as to move therewith and engage the tooth on said ratchet bar to normally keep it against movement out of said sleeve member, a yoke mounted to swing within said hollow shank and operatively connected with said sleeve member to cause said yoke to swing in the direction of movement of said sleeve member, a spring pressed feeding pawl carried by said yoke so as to swing therewith and engage behind spaced teeth on said ratchet bar, a pencil holder movably mounted in said shank and forming a continuation of said sleeve member with a portion of the holder projecting from the end of said shank to provide for the movement of said sleeve member in one direction by said pencil holder when pressure is applied thereto to force the projecting portion of the pencil holder into the shank so as to move said sleeve member and swing said yoke to cause its feeding ratchet to move over said ratchet bar a distance greater than that of the movement of said sleeve member and said pencil holder and have said feeding pawl engage behind a ratchet tooth at the end of its movement, and spring means for returning said sleeve member and pencil holder to its normal position and cause said yoke to move its feeding pawl again a distance greater than that of the returning sleeve member and pencil holder so as to give said ratchet bar a movement into said sleeve member and force a portion of the pencil held in the pencil holder out of the pencil holder.

2,130,779
STAPLING AND RING FORMING MACHINE
Edward J. Smith and Vincent R. Smith, West Norwood, N. J.
Application May 6, 1937, Serial No. 141,063
8 Claims. (Cl. 140—93)



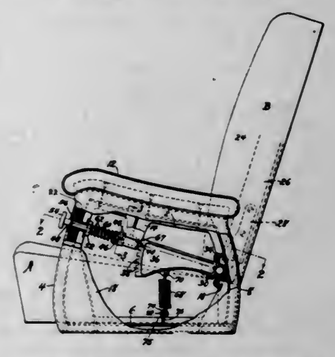
1. In a stapling and ring forming machine of the character described, the combination of power means, piston mechanism operated thereby, movable wire cutting and stapling dies intermittently actuated by said mechanism, said dies being provided with V-shaped grooves, stationary female ring forming dies having converging grooves co-operating with said movable dies, movable male dies interposed between said stapling dies, wire shock-absorbers, wire guides, wire grippers and fixed cutting dies through which individual wires are fed from separate reels into a vertical position for a required length by said power means, anvils backed in a horizontal position, said means unlocking and swinging said anvils free of said movable stapling and male dies during the stapling and ring forming operations into said stationary female dies and binding the rings around a cordage fed horizontally therewith.

2,130,780
PUMP GEAR FOR WINDMILLS
William Utrecht, Tampa, Fla.
Application November 15, 1935, Serial No. 49,861
3 Claims. (Cl. 74—44)



1. A pump actuating mechanism comprising a pair of spaced guides, an inner cross-head slidable upon the inner surfaces of said guides, an outer cross-head slidable upon the outer surfaces of said guides, a pair of gears, a wrist pin carried by each of said gears at equal distances from their centers, a connecting rod pivotally connected to the wrist pin of one gear and to the inner cross-head, a second connecting rod pivotally connected to the wrist pin of the other gear and to the outer cross-head, and a gear connection between the pair of gears driving them in opposite directions with the wrist pins in a common vertical plane throughout their rotation.

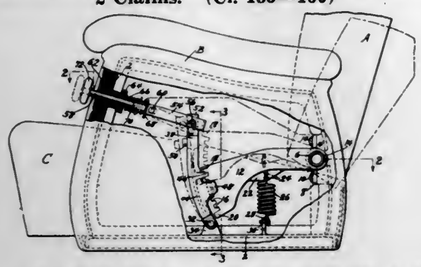
2,130,781
RECLINING SEAT
Victor Willoughby, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y., a corporation of New Jersey
Application April 24, 1936, Serial No. 76,093
2 Claims. (Cl. 155—163)



1. In a seat, an end frame, a seat back pivotally supported by the end frame, and means for holding the seat back in a predetermined position comprising a control member rigidly connected with the seat back and projecting forwardly therefrom, the free end portion of said

control member being formed with adjusting teeth and a stop projection, a tubular bearing depending from the upper portion of the end frame, the front portion of said bearing being formed with longitudinal guide slots, and an operating member journaled in the bearing and extending through the forward portion of the end frame, said operating member being substantially axially alined with the control arm and having a reduced extremity for engaging said stop projection and between the teeth of said control member to limit the movement of the latter and hold same in adjusted position, and lateral projections to normally engage said longitudinal guide slots to retain said reduced extremity in tooth engaging position.

2,130,782
RECLINING SEAT
Victor Willoughby, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y., a corporation of New Jersey
Application January 16, 1937, Serial No. 120,981
2 Claims. (Cl. 155—160)

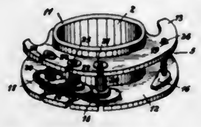


1. In a car seat including end frames, a seat back pivotally supported by the end frames, and means for securing the seat back in adjusted position comprising a control arm rigidly secured to and projecting forwardly from the seat back, a plurality of teeth carried on the forward end of the control arm, a locking member for the control arm pivoted at its lower end to said frame and having teeth engaging means formed intermediate its ends, spring means constantly urging said locking member into engagement with the teeth on said control member, guide means carried by said locking member below said teeth engaging means and extending rearwardly for confining portions of said control arm, and operating means connected to the upper end of said locking means.

2,130,783
PLASTIC COMPOSITION
Earl C. Sherrard, Edward Beglinger, and John P. Hohf, Madison, Wis., and Ernest Bateman, deceased, late of Madison, Wis., by William T. Bateman, special administrator, Madison, Wis., assignors to Henry A. Wallace, Secretary of Agriculture of the United States of America
No Drawing. Application January 28, 1938, Serial No. 187,569
7 Claims. (Cl. 260—209)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

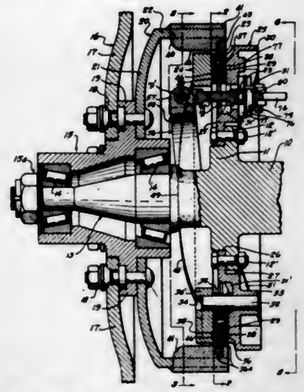
1. A method for producing a ligno-cellulose-aniline composition possessing the essential properties of plastic flow under heat and pressure, which comprises adding aniline and water to vegetable fibrous materials, thence subjecting this mixture to the action of heat and pressure, thence recovering the excess aniline, thence copiously washing, and thence drying.

2,130,784
PHOTOGRAPHIC SHUTTER
Árpád Barényi, Berlin-Steglitz, Germany, assignor to Voigtlander & Sohn Aktiengesellschaft, Brunswick, Germany, a joint-stock company of Germany
Application May 2, 1936, Serial No. 77,565
In Germany May 14, 1935
1 Claim. (Cl. 95—63)



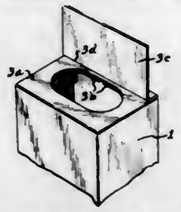
A shutter for photographic cameras including a casing, a partition member consisting of a tubular portion with two integrally spaced-apart flanges extending outwardly therefrom, the flanges of the partition member being provided with aligned orifices and with slots extending from the orifices to the margins of the flanges, said partition member being adapted to be seated within said casing, a pivotally mounted shutter-blade arranged within the casing, means borne by said partition member adapted to move said shutter-blade on its pivot, and means for controlling the operation of said motor, such means including a shaft applicable to and removable from the axially aligned orifices in the flanges of the partition member, and bearing blocks for such shaft applicable to and removable from the said orifices in the flanges.

2,130,785
BRAKING MECHANISM AND THE LIKE
Ernest E. Bergland, Los Angeles, Calif., assignor, by mesne assignments, to himself and Hugo Kirchhofer, Los Angeles, Calif.
Application June 24, 1935, Serial No. 28,090
7 Claims. (Cl. 188—72)



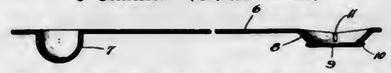
1. In a device of the character described, a pair of axially alined and spaced pressure rings mounted for relative axial movement towards and away from each other, a friction ring between the pressure rings, and means for moving said rings relatively toward each other and embodying a yoke pivotally connected to one of the pressure rings and engaging the other pressure ring, a lever mounted on said one ring, and a link connecting said lever and the yoke whereby movement of the lever swings the yoke pivotally.

2,130,786
CONTAINER GLUING MACHINE
Samuel Bergstein, Cincinnati, Ohio, assignor to Edna May Bergstein and Robert Morris Bergstein, as trustees
Application October 21, 1935, Serial No. 45,975
7 Claims. (Cl. 91—36.4)



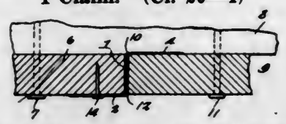
1. In a machine for gluing end flaps of paper cartons, a pair of glue rolls, an adhesive supply for feeding adhesive onto said rolls, means to permit the feeding of adhesive onto either of said rolls independently, or onto both of said rolls concurrently, according to a predetermined pattern of glue application, comprising means to regulate a normal film of adhesive over the main surface of said rolls and means for regulating an abnormally heavy film on predetermined portions of said rolls.

2,130,787
CAR SEAL
Bruce Borland, Chicago, Ill.
Application September 16, 1936, Serial No. 101,049
6 Claims. (Cl. 292—315)



1. A seal of the character set forth, comprising a strip of suitable material having a hole therein and having the material adjacent to the hole weakened but not severed, and an integrally formed button on the strip adapted to be inserted in the hole and riveted therein, the weakening being such that the material will be broken at such points during the riveting operation.

2,130,788
BATTEN
Randolph Boyd, Galva, Ill.
Application September 29, 1936, Serial No. 103,166
1 Claim. (Cl. 20—4)

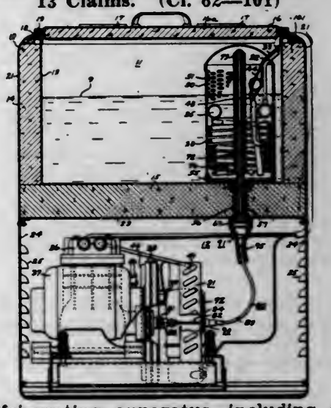


The combination with two adjacent boards lying in the same plane with their adjacent edges slightly spaced one from the other, a metallic strip having a central portion interposed between the adjacent edges of said board and having oppositely extending end portions integrally formed therewith, one end portion being secured on the outer surface of one of said boards and extending parallel therewith, the opposite end portion resiliently and adjustably engaging the inner face of the second board with the central portion of the strip extending diagonally of the space between the adjacent edges of the two boards, whereby a waterproof seal is provided at all times during expansion or contraction of the said boards.

2,130,789
PURIFICATION OF LIQUIDS
Curtis Q. McW. Campbell, Pittsburgh, Pa.
No Drawing. Application June 17, 1935, Serial No. 26,923
4 Claims. (Cl. 204—25)

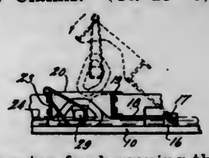
1. The process of treating impure aqueous liquids which comprises forming an aqueous dispersion of starch, mixing the dispersion with an alkaline solution containing a chloride to produce a coagulative sol, passing an electric current through the sol to liberate oxygen and chlorine, adding the sol to said impure liquid, and separating purified liquid from substances concentrated by said sol.

2,130,790
REFRIGERATING APPARATUS
Herman J. Dick and Robert E. Fleming, Dayton, Ohio, assignors to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application January 30, 1937, Serial No. 123,242
13 Claims. (Cl. 62—101)



1. Refrigerating apparatus, including an insulated enclosure containing a liquid heat transfer bath and articles to be cooled immersed therein, an evaporating means positioned for absorbing heat from the liquid bath, a refrigerant liquefying means for supplying liquid refrigerant to and for withdrawing expanded refrigerant from the evaporating means, agitating means positioned adjacent said evaporating means, said agitating means extending through the bottom wall of the insulated enclosure, and means operatively connecting the agitating means to the refrigerant liquefying means for driving said agitating means.

2,130,791
METHOD AND APPARATUS FOR TREATING RAYON CAKES
Edward C. Dunham, Northampton, Mass., assignor to Hampton Company, Easthampton, Mass., a corporation of Massachusetts
Application August 26, 1936, Serial No. 98,079
12 Claims. (Cl. 18—8)



12. An apparatus for loosening the yarn structure of rayon cakes comprising opposed platen

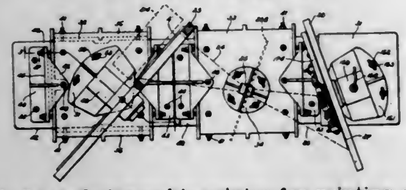
pressure members having coacting cake engaging surfaces so constructed and arranged that when a cake is engaged between them it will be distorted into a form having unidirectional curvature with a portion of the cake flattened with respect to the contour of the cake and another portion convexly curved on a radius smaller than the radius of curvature of said normal contour.

2,130,792
VEHICLE BODY STABILIZER
James Jewell Eckles, Washington, D. C.
Application September 3, 1936, Serial No. 99,281
8 Claims. (Cl. 267—17)



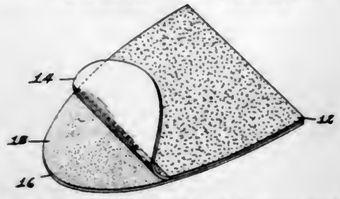
1. A vehicle stabilizer comprising in combination, a vehicle axle having radius rods extending forwardly therefrom, a vehicle body spring, spring shackles connected at one end to said radius rods and extending upwardly and inwardly therefrom and having their upper ends connected to said spring, a lever extending upwardly and inwardly from each of the shackles and springs connecting the upper ends of the lever to a stationary part of the vehicle not carried by the vehicle spring to retard movement of the shackles in a predetermined direction.

2,130,793
MULTIPLE TRANSFORMING PRINTER
Leon T. Eliel, Pasadena, Calif.
Application April 27, 1936, Serial No. 76,573
7 Claims. (Cl. 88—24)



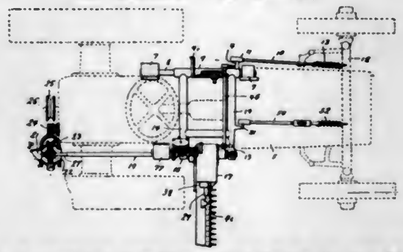
1. In a photographic printer for printing contiguous complementary images on a single light sensitive member from a plurality of complementary photographic members to produce a consolidated print, the combination of: supporting means for said plurality of photographic members; supporting means for said light sensitive member; a light source and an optical system by which printing light can be transmitted successively through said photographic members upon corresponding areas of said light sensitive member; means for varying the intensity and cross sectional pattern of said printing light to compensate for varying densities of said photographic members; a light intensity indicating device positioned upon said printer, including an element movable into and out of the path of said light, for measuring the intensity of the light transmitted through each individual photographic member; and means for restricting the light reaching said device to that transmitted through selected areas of said individual photographic member to indicate the variation of the cross sectional pattern of said printing light which will match the contiguous margins of the individual images printed upon said light sensitive member when projected thereon, so that the photographic members can be successively printed upon said light sensitive member to produce a print having substantially uniform density.

2,130,794
VAMP LINING FOR A BOOT OR SHOE AND METHOD OF MAKING A BOOT OR SHOE
Benjamin B. Enos, Salem, Mass.
Application June 16, 1937, Serial No. 148,481
8 Claims. (Cl. 12—146)



5. In the method of making a boot or shoe, the steps comprising adhesively securing together two component members to form a unitary lining blank, then subjecting the toe portions only of said unitary vamp lining blank to treatment to soften the adhesive, then separating the toe portions of said members and introducing a box toe blank between the separated toe portions thereof.

2,130,795
DRIVE CONNECTION FOR MOWING MACHINES
Leonard E. Golinick, Vero Beach, Fla.
Application December 31, 1936, Serial No. 118,665
14 Claims. (Cl. 56—25)

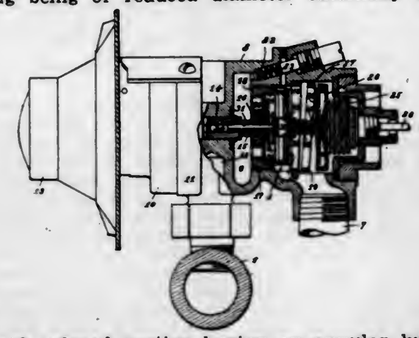


1. A mowing machine comprising in combination, a vehicle, a mower operatively mounted thereon and pivoted for vertical swinging movement, a motor driven shaft, a drum freely and slidably mounted thereon, a cable connecting the mower to the drum, a clutch member keyed to the shaft and engageable by the drum for actuation of the latter, brake means for the drum and foot pedal control means for moving the drum into and out of clutch engaging position and for applying and releasing the brake.

2,130,796
GAS VALVE
John H. Grayson, Lynwood, Calif., assignor to Grayson Heat Control, Inc., Lynwood, Calif., a corporation of California
Original application November 2, 1935, Serial No. 47,945. Divided and this application May 20, 1936, Serial No. 80,759
5 Claims. (Cl. 251—46)

4. In a gas valve of the character described comprising a casing having a substantially horizontal bore provided therein, at least a portion

of which is threaded, a valve seat bushing adjustably mounted in the threaded portion of said bore, the interengaging threads of the bore and bushing having lubricant therebetween to facilitate adjustment of said bushing, and a projecting annular valve seat surface on one end of said bushing, the valve seat end of said bushing being of reduced diameter externally and



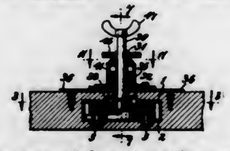
said reduced portion having an annular lubricant conducting groove provided externally therein between the threaded periphery of the bushing and the valve seat surface arranged to intercept lubricant gathering on the seat end of the bushing and conduct it around the bushing to the bottom thereof so as to prevent contamination of the seat surface.

2,130,797
MULTIPLE UNIT BEAM
Gerald G. Greulich, Mount Lebanon, Pittsburgh, Pa.
Application January 21, 1937, Serial No. 121,657
5 Claims. (Cl. 189—37)



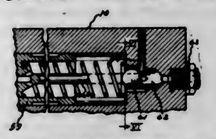
1. A multiple unit beam comprising preformed sections having varied web and flange thicknesses, some of said preformed sections having portions of the flanges cut away and at least one of said preformed sections having a portion of its web at each end cut away, the flanges and webs of said preformed sections abutted in end-to-end relationship and welded to form a unitary beam structure.

2,130,798
COMBINATION LOCK
John Heinzle, Arickaree, Colo.
Application November 17, 1937, Serial No. 174,978
4 Claims. (Cl. 70—133)



1. A lock comprising a casing, a bolt slidable therein, a series of superimposed tumbler discs, the lowermost disc attached to the casing, said bolt operating below the lowermost disc, an arcuate enlargement of the lower face of said disc, a cam member controlling said bolt, an actuator for said cam member, and a dial settable by said actuator.

2,130,799
HYDRAULIC BRAKE SYSTEM
Robert Hofstetter, Jackson, Mich.
Application March 16, 1934, Serial No. 715,846
2 Claims. (Cl. 303—84)

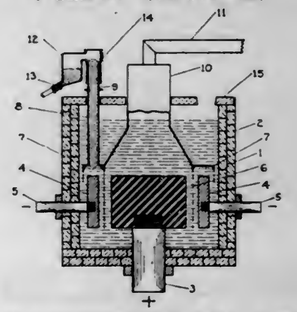


1. In a hydraulic brake system, a master cylinder, a plurality of auxiliary cylinders having communication with said master cylinder, outlets associated with each of said auxiliary cylinders, pistons located in said master and auxiliary cylinders, means acting upon said master piston to direct fluid under pressure against one end of said auxiliary pistons to move the same in one direction to build up fluid pressure, valves located in said outlets and means associated with said pistons for actuating said valves to close said outlet upon reduction of fluid pressure in the outlet end of said auxiliary cylinders.

2,130,800
HYDROGENATED RESINS
Harold S. Holt, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 24, 1937, Serial No. 176,231
13 Claims. (Cl. 260—2)

1. The process comprising hydrogenating a resinous polymer of dihydronaphthalene.

2,130,801
PRODUCTION OF LIGHT METALS
Robert Edwin Hulse, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application October 4, 1934, Serial No. 746,795
7 Claims. (Cl. 204—21)

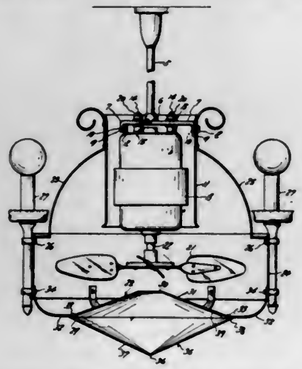


1. In the recovery of a light metal from a molten mixture of said metal and another heavier, higher melting metal ascending from an electrolysis zone where said mixture is being produced from a salt mixture, the step of cooling said ascending mixture to cause precipitation of at least the major portion of said higher melting metal.

2,130,802
FAN
William L. Kisling, St. Louis, Mo.
Application April 26, 1937, Serial No. 138,993
1 Claim. (Cl. 230—274)

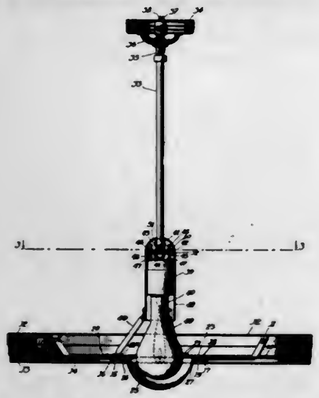
An overhead circulating fan assembly comprising, a support, a fan and motor suspended from

the support with the fan arranged to operate in a horizontal plane beneath the motor, an annular fan guard shell supported around the fan, a double cone deflector member supported below the fan and comprising an upper conical member having its apex turned upwardly toward the fan,



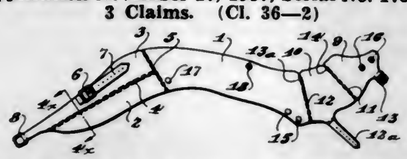
and a lower conical member having its apex turned downwardly away from the fan, the base of the cones being secured together and being of smaller diameter than the said shell, and arms extended radially between the shell and the junction between the cones for supporting the cones concentrically with respect to the shell.

2,130,803
LIGHTING FIXTURE
Abraham Lazerson, Chicago, Ill.
Application July 24, 1936, Serial No. 92,328
7 Claims. (Cl. 240—78)



1. A lighting fixture comprising, in combination, a reflector plate having a central opening therein, a reflector ring around the outer edge of said plate having an inwardly turned flange around the lower edge thereof, the reflector ring being spaced from the outer edge of said plate, brackets connecting the plate and reflector ring, the plane of the plate being between the upper and lower edges of the reflector ring, a removable reflector secured to said plate and closing the central opening therein, means whereby the said plate is suspended, a lamp socket carried by said suspension means, and a lamp in said socket and extending into said central opening.

2,130,804
PUTTEE
Ralph A. Le Fevre, Rochester, N. Y.
Application November 17, 1937, Serial No. 175,040
3 Claims. (Cl. 36—2)



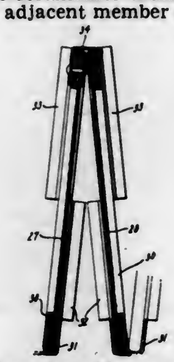
1. A puttee for covering the lower leg, comprising a lower portion constituting a gaiter and adapted to cover the upper portion of the foot, said gaiter portion being made of two pieces joined together by a seam, said seam being adapted to be located over the center line of the heel of the shoe, said pieces being sprung upwardly along the lower portion of said seam, a band attached to one end of the gaiter and having a curved outline, said band being made of three pieces, the upper part of the band being made of two pieces joined together by a long seam, the lower part of the band being made of one piece, the upper end of the lower part and the lower end of the upper part being joined together by a short seam extending directly across the band, said long seam extending from the middle of the short seam up to near the end of the puttee and being nearly evenly spaced from the upper and lower edges thereof, the two pieces of the upper part being sprung together along the long seam, said band being adapted to be wrapped around the leg up to and including the calf of the leg, means for fastening the upper end of the puttee in place on the calf of the leg.

2,130,805
STERILIZING AGENT
Arthur A. Levine, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 26, 1936, Serial No. 65,919
2 Claims. (Cl. 210—28)

1. A process of sterilizing water which comprises treating said water at substantially room temperature with 1,3-dichlor 5,5-dimethylhydantoin.

2,130,806
DELINTING DEVICE
George N. Link, Rochester, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio, a corporation of Ohio
Application January 11, 1936, Serial No. 58,753
5 Claims. (Cl. 183—71)

5. A device for delinting a lint-bearing fluid stream, comprising a hollow drawer-like frame, said frame having peripheral walls rectangularly arranged in plan and providing duct means open at the ends, a series of substantially plane foraminous members removably mounted in said frame at an angle to the general direction of fluid flow through said frame, said members being arranged to form a substantially continuous screening surface between the walls of said frame, and mounting means for said foraminous members comprising guiding flanges secured to the inwardly facing surfaces of one pair of parallel walls of said rectangle, said flanges extending along substantially the entire edges of said members adjacent said one pair of walls to form sealing means, said flanges being arranged to hold said members in a continuous series between the other pair of parallel walls of said rectangle, each foraminate member on one side contacting the adjacent member at the upstream

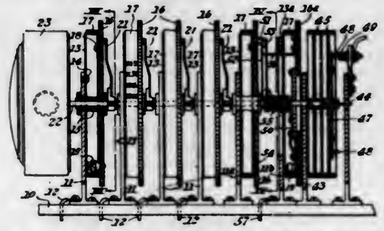


edge and on the other side contacting the adjacent member at the downstream edge, and channel members embracing the upstream and downstream meeting edges of said foraminous members in sealing relationship.

2,130,807
PRINTING COMPOSITION
Paul La Frone Magill and Charles Dangelmajer, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 8, 1934, Serial No. 752,119
7 Claims. (Cl. 134—35)

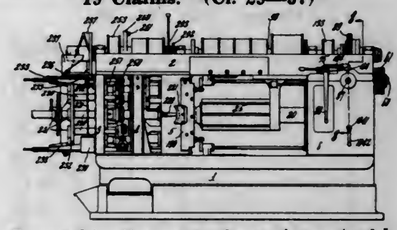
1. A printing composition comprising 15 to 70% of formamide and 2 to 25% of an adhesive selected from the group consisting of casein, glue and gelatine.

2,130,808
SELECTIVE CONTROL SYSTEM
Robert E. McClure, Warren, Ohio, assignor, by mesne assignments, to The Wean Engineering Co., Inc., Warren, Ohio, a corporation of Ohio
Application November 5, 1936, Serial No. 109,317
3 Claims. (Cl. 200—37)



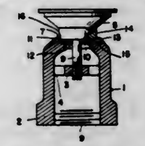
1. Apparatus for automatically closing control circuits at preselected time, comprising a plurality of discs mounted for rotation about a common axis, each disc having a contact thereon, brush and slip-ring, means cooperating with each disc for connecting the contact thereon to a relatively fixed conductor, a common shaft extending axially through the discs, a constant speed drive for the shaft, contact fingers extending radially therefrom adapted to engage said contacts, respectively, said brush and slip-ring means including a conducting ring, a standard for supporting it, a brush on the disc engaging said ring and connected to the contact, and means rotatably mounting said disc on said standard.

2,130,809
MULTIPLE SPINDLE AUTOMATIC LATHE
Carroll E. Miller, Windsor, Vt., assignor to Cone Automatic Machine Company, Inc., Windsor, Vt., a corporation of Vermont
Application April 3, 1937, Serial No. 134,781
19 Claims. (Cl. 29—37)



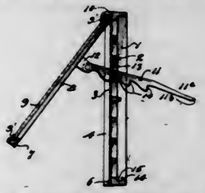
1. In combination, a work carrier, a tool holder, power means for effecting relative motion between said work carrier and tool holder at a relatively high idle speed and at a relatively low working speed, automatic means for controlling said power means, other means for effecting such motion by power, and operator-actuated control mechanism for said other means by which the direction and amount of such motion may be controlled by the operator at will.

2,130,810
SPRAY HEAD
Elmer G. Munz, Detroit, Mich.
Application March 22, 1937, Serial No. 132,421
12 Claims. (Cl. 299—141)



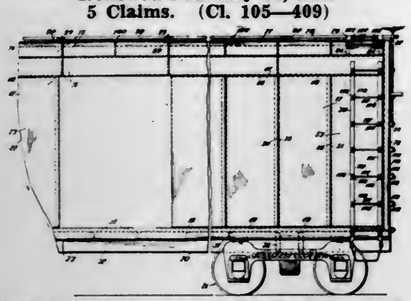
1. A spray head comprising a body and a cap, one of which is provided with inclined circumferentially spaced grooves of increasing cross sectional area in the direction of flow, said body and cap having annular contact to form said grooves into orifices.

2,130,811
VENTILATOR
Mathews Nelson, Tulsa, Okla.
Application December 6, 1937, Serial No. 178,369
5 Claims. (Cl. 98—88)



5. A ventilator unit comprising a frame, a sash closure therefor pivotally connected to the frame, a handle lever pivotally connected to the sash and adapted to be swung into position parallel with the sash closure, and means on the frame for raising the sash closure through the lever when in the position aforesaid to establish interlocking engagement between the lever and frame under influence of the weight of the closure and clamping the closure in closed position.

2,130,812
RAILWAY CAR CONSTRUCTION
Karl F. Nystrom, Milwaukee, Wis., assignor to Chicago-Hutchins Corporation, Chicago, Ill., a corporation of Delaware
Application April 10, 1933, Serial No. 665,414
Renewed February 22, 1938
5 Claims. (Cl. 105—409)



1. In a railway car, the combination with an underframe of a car body superstructure supported thereon, the sides and roof of which comprise a plurality of sheet metal panned sections welded together to form a unitary structure with a smooth exterior surface and with longitudinal and lateral inwardly extending flanges welded to each other forming in abutting sections a network of reinforcements, the corresponding flanges of adjacent sections being continuous with each other and sufficient to give the car body adequate trussing strength without the necessity of separate supporting frame work in the superstructure, there being at least a plurality of laterally abutting sections between the longitudinal roof center and each side wall of the car.

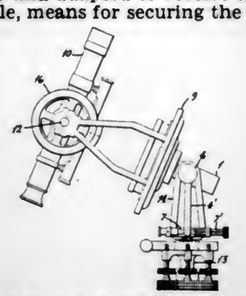
2,130,813
ELECTROLYTIC PRODUCTION OF ESTERS
Per Valter Öhman, Gyttorp, Sweden, assignor to Nitroglycerin Aktiebolaget, Gyttorp, Sweden, a registered company
Application January 18, 1938, Serial No. 185,623
In Sweden December 10, 1934
20 Claims. (Cl. 204—9)

1. The process of making nitric acid esters which comprises the step of submitting an unsaturated organic compound, containing at least one olefinic double bond of unsaturated character linking carbon atoms, to anodic oxidation in the presence of an electrolyte containing nitrate ions.

11. As a new composition of matter, a product containing a dinitrated derivative of a low-molecular unsaturated carbon compound containing an olefinic bond, dinitrated poly-compounds of said unsaturated carbon compound and other side-reaction products of said unsaturated carbon compound; said composition being less sensitive to shock than the pure dinitrated derivative of said unsaturated carbon compound and constituting the reaction products obtained by subjecting said unsaturated carbon compound to anodic oxidizing conditions in the presence of an electrolyte containing nitrate ions.

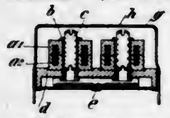
2,130,814
ENGINEER TRANSIT
Rodolfo Corvison Quesada, Marianao, Cuba
Application January 18, 1937, Serial No. 121,205
In Cuba January 12, 1937
3 Claims. (Cl. 33—61)

1. An engineer transit which is mounted on its levelling platform by means of an attachment comprising a socket rotatably mounted on a horizontal axis and adapted to receive a transit vertical spindle, means for securing the rotation axis



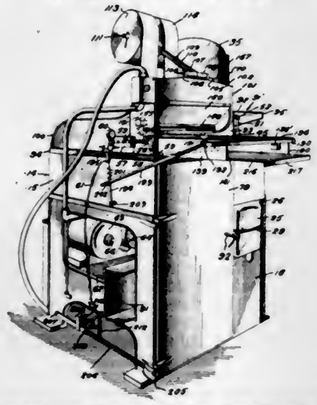
of such socket in any position of the latter, and an adjustable stop for holding the socket in its vertical position.

2,130,815
HIGH FREQUENCY IRON CORE COIL
Hellmuth C. Riepka, Berlin-Lichterfelde, Germany, assignor to Steatit-Magnesia Aktiengesellschaft, Berlin-Pankow, Germany
Application September 30, 1935, Serial No. 42,826
In Germany October 12, 1934
3 Claims. (Cl. 171—242)



1. An intermediate frequency transformer coil system comprising a base member of insulating material having two parallel bushings of insulating material projecting from one side thereof, a two part core surrounding each bushing, said core comprising two annular members providing a cavity between them, a coil within the cavity provided by said core members and a balancing core threaded into each of said bushings.

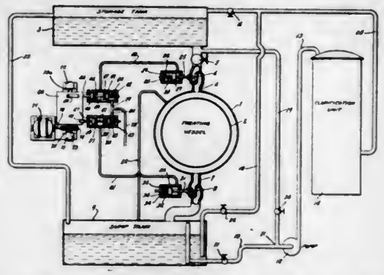
2,130,816
MACHINE FOR APPLYING REINFORCING FABRIC TO INNER SOLES
John A. Scott, St. Louis, Mo.
Application December 17, 1936, Serial No. 116,440
4 Claims. (Cl. 12—20)



1. A machine for applying reinforcing fabric to leather insoles comprising a supporting frame,

means for rotatably supporting a roll of fabric on said frame, a plate reciprocable horizontally on said frame below said roll supporting means, means on said frame forming a guide slot for a strip of fabric from said roll; a second plate reciprocable in said frame flush with said guide slot and adapted to support and move said strip to and through said slot, means on the second plate to limit the movement of the strip in one direction, and means connecting the first named plate to the second named plate to cause the second named plate to reciprocate at a greater speed and through greater distances than the first named plate.

2,130,817
GARMENT CLEANING SYSTEM
Julian C. Shaw, Norwood, Ohio, assignor to The American Laundry Machinery Company, Norwood, Ohio, a corporation of Ohio
Application August 16, 1935, Serial No. 36,545
4 Claims. (Cl. 8—5)

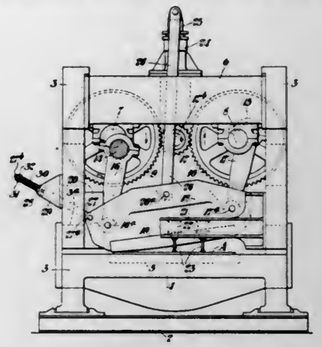


1. In a system for treating fabric, a storage tank, a collecting vessel, a treating vessel communicating with the storage vessel and the collecting vessel, a clarification unit, communicating means between the collecting vessel and the inlet of the clarification unit and communicating means between the outlet of the clarification unit and the storage tank and between the outlet of the clarification unit and the collecting vessel, and means for forcing used liquid from the collecting vessel through the clarification unit and alternatively passing it either to the storage tank or returning it to the collecting vessel for recirculation through the clarification unit without passing it through the treating vessel.

2. The process of cleaning fabric which comprises intermittently supplying solvent to fabric from a supply tank at repeated intervals of comparatively short duration, treating the fabric for a comparatively short period between the intervals at which solvent is supplied to the fabric, draining the fluid from the fabric into a sump tank after each treating operation and continuously passing used liquid from the sump tank through a filter, and returning it to the supply tank during the fabric treating operations and while solvent is being supplied to and drained from the treating apparatus at a rate which is approximately just sufficient to supply additional clarified liquid for each treating operation.

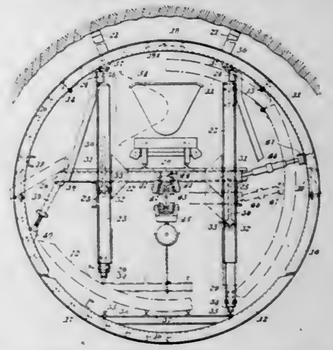
2,130,818
METHOD OF SHEARING
Andrew W. Soderberg, Munhall, Pa.
Application November 25, 1936, Serial No. 112,766
1 Claim. (Cl. 164—17)

The method of shearing plates and the like which includes fixedly positioning the work-piece to be sheared in contact with a stationary straight-edged cutting member, moving an arcuate cutting member toward and in contact with said work-piece, progressively rocking said arcuate cutting member across and partially through said work-piece while the same is in contact with



said stationary straight-edged cutting member, and maintaining said arcuate cutting member in contact with said work-piece only at the point of cutting, while preventing its overlapping with said stationary straight-edged cutting member.

2,130,819
FORM FOR LINING EARTH BORINGS AND HANDLING MECHANISM THEREFOR
John G. Stupp, Pittsburgh, Pa., assignor to Blaw-Knox Company, Pittsburgh, Pa., a corporation of New Jersey
Application June 8, 1937, Serial No. 147,025
7 Claims. (Cl. 25—131.6)

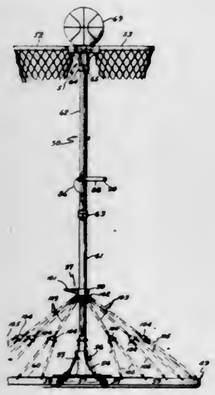


1. The combination with a tubular form composed of invert and arch sections, of mechanism for handling said sections including a traveling carriage having a trolley beam movable therealong and retractible wheeled supporting legs, and means for supporting the carriage on a form section in place while said legs are retracted to permit a form section to be suspended from said beam and moved under the carriage.

2,130,820
CIRCLE BALL GAME
Alexander H. Trumbull, Stratford, Conn.
Application August 5, 1935, Serial No. 34,778
9 Claims. (Cl. 273—1.5)

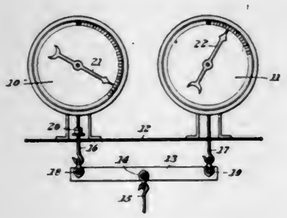
1. In a game apparatus, an upright, a support on and turnable about the upright, a pair of

goal baskets on said support, said support including a portion for supporting a playing ball, and means operating with a trigger-like action



for projecting the ball from the support for play and loosely mounted on the support so as to throw the ball at unknown angles.

2,130,821
WEIGHING APPARATUS
William H. Venable, Pittsburgh, Pa., assignor to Blaw-Knox Corporation, Pittsburgh, Pa., a corporation of New Jersey
Application July 15, 1937, Serial No. 153,693
2 Claims. (Cl. 265—59)



1. Apparatus for weighing widely differing weights of different materials delivered successively to a receiver before final discharge simultaneously therefrom, comprising a scale having a calibration of the order of the desired weight of the materials used in relatively small quantities, a second scale having a calibration several times that of the first mentioned scale and of the order of the desired weight of the materials used in relatively large quantities plus the desired weight of the material used in relatively small quantities, means transmitting the weight of said receiver and its contents to said scales jointly, and means limiting movement of said first mentioned scale when the weight of the receiver and its contents exceeds the capacity of said first mentioned scale, without affecting the response of said second mentioned scale to the weight of the receiver and its contents.

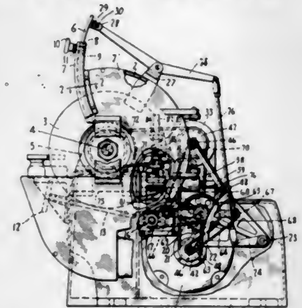
2,130,822
FORGEABLE HIGH SPEED STEEL
Elmer B. Welch, McKeesport, Pa., assignor to Firth-Sterling Steel Company, McKeesport, Pa., a corporation of Pennsylvania
No Drawing. Application January 6, 1937, Serial No. 119,263
1 Claim. (Cl. 75—126)

A forgeable high speed steel containing about

	Per cent
Carbon	.60– .70
Tungsten	1.0 – 2.0
Chromium	4.5 – 5.5
Vanadium	2.5 – 3.5
Molybdenum	8.0 – 9.0
Cobalt	25.0 –35.0
Boron	.75– 1.25

the balance being iron.

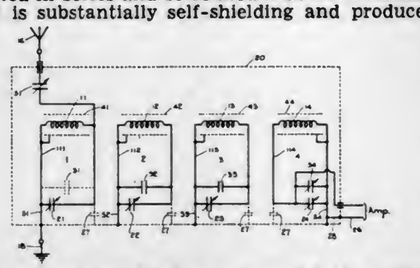
2,130,823
GRINDING MACHINE
John C. Wilson, Springfield, Ohio, assignor to The Safety Grinding Wheel & Machine Company, Springfield, Ohio, a corporation of Ohio
Application May 25, 1937, Serial No. 144,668
3 Claims. (Cl. 51—166)



1. In a grinding machine, a spindle, a grinding wheel mounted on said spindle, a guard for said wheel, a motor shaft, driving connections between said shaft and spindle comprising variable driving and driven sheaves interposed therebetween each consisting of relatively movable companion members having opposed outwardly tapered faces, a belt passing about said sheaves, manually-operated devices for adjusting said guard toward said wheel as the wheel wears, said devices comprising a pair of sprocket wheels, a chain for driving one of said sprocket wheels from the other, a pinion connected to rotate with said driven sprocket wheel, a segmental rack meshed with said pinion, a pivoted rocker beam having one end connected with said guard, and means including a pivoted link for connecting said segmental rack with the other end of said rocker beam.

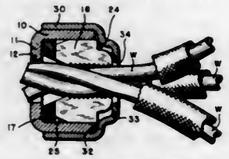
2,130,824
RADIO CIRCUITS
Lester L. Jones, Oradell, N. J., and Jacob Yolles, Brooklyn, N. Y., assignors to Technidyne Corporation, New York, N .Y., a corporation of New York
Application October 29, 1929, Serial No. 403,160
27 Claims. (Cl. 178—44)

11. A selector for energy of a desired frequency comprising a plurality of tuned circuits coupled directly in cascade, substantially all of the inductance of each circuit being concentrated in a single inductance element, said element comprising concentric outer and inner windings connected in series and so related that the resulting coil is substantially self-shielding and produces



only a closely confined or condensed field, and the coils of the several circuits being arranged successively in close physical juxtaposition.

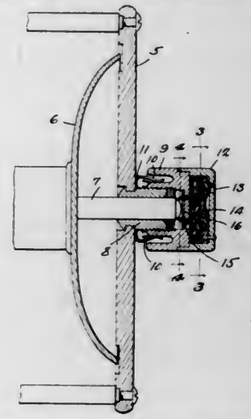
2,130,825
WIRE CONNECTER
Martin D. Bergan, Linden, N. J., assignor to The Thomas & Betts Co., Elizabeth, N. J., a corporation of New Jersey
Application April 18, 1936, Serial No. 75,047
6 Claims. (Cl. 173—263)



1. A wire connecter comprising a contractile clamping member having a smooth exterior surface and a bore through the contractile portion of the member to receive one or more wires therein, the clamping member having a conical exterior surface, a first sleeve having a smooth and approximately cylindrical bore which is substantially the diameter of the small end of the clamping member so that the latter will fit therein and the clamping member will be contracted upon being forced therein, and a second sleeve having a smooth bore which has a diameter providing a press fit with the smooth outer surface of the first sleeve so that the parts are held together in preliminary assembled relation including means engaging the end of the contractile clamping member so that upon forcing the two sleeves axially together the clamping member is pressed into the first sleeve and contracted into a substantially cylindrical form which will not vibrate loose, the clamping member being contracted to grip a wire or wires therein.

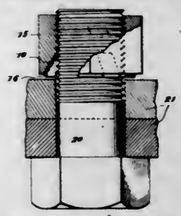
2,130,826
JOURNAL CAP FOR FISHING REELS
Willie H. Franks, Shreveport, La., assignor of one-half to Edmund M. Cieri, Shreveport, La.
Application April 21, 1937, Serial No. 138,241
1 Claim. (Cl. 308—171)

The combination with a bearing having external threads, and the shaft operating in the bearing, one end of the shaft extending beyond the outer end of the bearing, of a lubricating device comprising a body portion threaded on the bearing, said body portion having an annular groove, spring fingers supported adjacent to the bearing and extending into the groove frictionally engaging one wall of the groove, restricting rotary movement of the bearing member, a thrust plate within the bearing, engaging the outer end of the shaft, a reservoir on the body portion, said body having openings through which lubricating material from the reservoir passes to



the shaft, and said reservoir having an opening through which lubricating material may be passed into the reservoir.

2,130,827
LOCK NUT
Albert Stoll, Detroit, Mich., assignor to Clare L. Brackett, Detroit, Mich.
Application January 14, 1937, Serial No. 120,587
4 Claims. (Cl. 151—21)

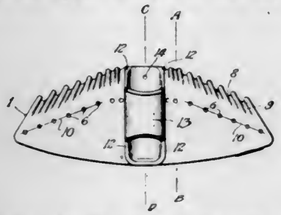


2. A lock nut for cooperation with a standard screw bolt, said nut having a threaded bore and an axially projecting annular rib at its work-engaging face closely surrounding the respective end of the bore and of a width less than the thickness of the wall of the nut, said nut also having axially tapering recesses in its inner threaded surface adjacent to said work-engaging face, the deeper ends of said recesses intersecting the said rib to weaken said rib at points in communication with the threads of the bolt, whereby on tightening of the nut against an adjacent work surface deformation of said rib inwardly into locking engagement with the threads of the bolt is insured.

2,130,828
RAKE
Gustav Oskar Sundqvist, Stockholm, Sweden, assignor to Gunnar Östberg, Stockholm, Sweden
Application September 18, 1935, Serial No. 41,114
In Sweden September 19, 1934
2 Claims. (Cl. 55—114)

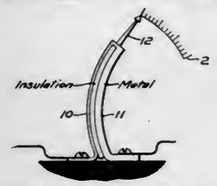
1. In an improved fan-shaped rake having a head comprising an upper surface, a front wall and a rear wall, interchangeable teeth, all teeth being exactly of the same length and shape, devices for fixing the teeth to the rear part of the

rake head being so placed on connecting-lines converging symmetrically backwards that the forward ends of the teeth are in a straight line and equidistant from one another, the rear ends of the teeth being bent to form spring loops lying closely against said rear part of the rake head and the upper surface of the rake head be-



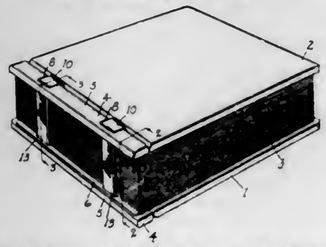
tween lateral superficies of notches provided in said rear part of the rake head and the upper surface of the rake head, the extreme end of the spring loop being provided with a hook for snapping in a hole on the upper surface of the rake head, while the teeth are otherwise held by holes and notches in the front and rear walls of the rake head.

2,130,829
ELECTRICAL MEASURING INSTRUMENT
Otto Ackermann, Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 17, 1936, Serial No. 116,331
4 Claims. (Cl. 171—95)



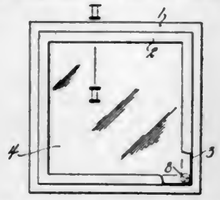
3. A thermal actuating device comprising a bimetallic member, the two elements of which are of materials having substantially the same coefficients of thermal expansion and different coefficients of electrical resistance, and means for causing an electric current to traverse said two elements in series.

2,130,830
TEMPORARY BINDER OR LOOSE SHEET HOLDER
Leon L. Allyn, Kalamazoo, Mich., assignor to Master-Craft Corporation, Kalamazoo, Mich., a corporation of Michigan
Application January 24, 1938, Serial No. 186,652
10 Claims. (Cl. 129—1)



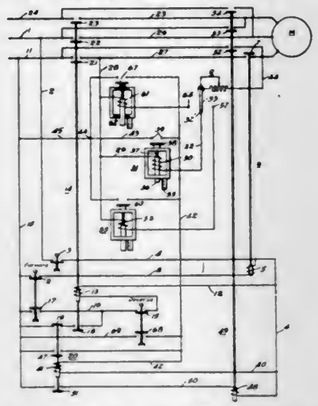
10. In a temporary binder or loose sheet holder, the combination with covers, of clamping bars having post bar sockets in their inner sides, arm-like cover hinge members on which said clamping bars are pivotally mounted, flexible binding members extending between said covers and disposed through said clamping bars, and post bars provided with sheet engaging posts and clamping bar socket engaging pins, the posts and clamping bar engaging pins being disposed so that a sheet body may be bound with its rear edge and the rear edges of said post bars in front of the reaches of the flexible binding members extending between the clamping bars.

2,130,831
FRAMED GLAZING UNIT
George W. Batchell, Toledo, Ohio
Application March 25, 1937, Serial No. 133,033
2 Claims. (Cl. 20—56.5)



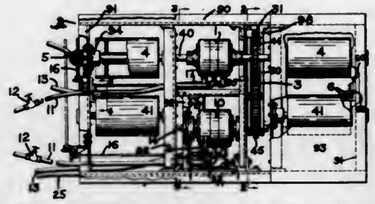
2. A double glazed panel comprising two similar metal frames of Z cross-section having a pane in the offset portion of each frame and soldered to said frame, resilient spacing means between said panes, and an independent seal of solder about the periphery of the assembly.

2,130,832
EMERGENCY STOP-AND-REVERSE MOTOR CONTROL
John H. Belknap, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 24, 1937, Serial No. 138,793
18 Claims. (Cl. 172—179)



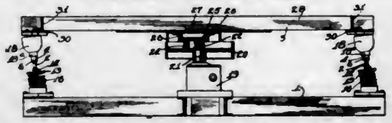
14. In a system of control for electric motors, in combination, a motor; a source of electric energy; switching means adapted to connect said motor to said source of energy for one direction of operation; switching means adapted to connect said motor to said source of energy for another direction of operation; a load-trip relay having a magnetic circuit, a coil mounted in fixed relation to said magnetic circuit and adapted to magnetize the same, a movable armature, means for adjusting the resistance value of the coil circuit, and means responsive to the operation of the armature of the load-trip relay adapted to effect the opening of the circuit that may be established by the first named switching means and effect the closing of the circuit that may be established by the second switching means.

2,130,833
HEAVY-DUTY DYNAMOMETER
Claude C. Bennett, South Bend, Ind., assignor to A. E. Feragen, Inc., Seattle, Wash., a corporation of Washington
Application December 30, 1936, Serial No. 118,187
15 Claims. (Cl. 265—24)



12. In a vehicle power tester, two rolls spaced apart to receive the opposite driving wheels of a vehicle to be tested, and to be rotated by the latter, two dynamometers, means operatively connected with both dynamometers to indicate the torque developed in one thereof or in both, means to connect both such dynamometers for rotation by a given roll, or to disconnect one dynamometer from such roll.

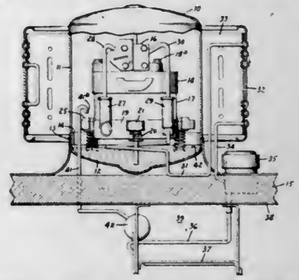
2,130,834
GYRATORY SIFTER
Eugene G. Berry, Chicago, Ill., assignor to B. F. Gump Co., Chicago, Ill., a corporation of Illinois
Application June 19, 1936, Serial No. 86,063
4 Claims. (Cl. 209—415)



2. In a gyratory sifter, a base, bearing cups upon said base having upwardly extending collars, wobble posts having spherical bearings seated in said bearing cups, disks upon said posts above said collars, coil springs surrounding said collars between said bearings and disks, a sifter platform having a universal connection with the tops of said posts, and means for gyrating said platform.

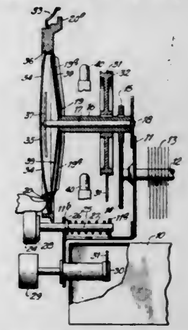
2,130,835
REFRIGERATING MACHINE
Harley H. Bixler, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application August 25, 1937, Serial No. 160,877
6 Claims. (Cl. 230—232)

1. A motor and compressor unit, a casing having upper and lower sections enclosing said unit, a supporting bracket carried by said unit, an upwardly extending helical compression spring carried by said lower casing section, a connection between said supporting bracket and the upper portion of said spring, said connection allowing free upward movement of said supporting bracket with respect to said spring, the weight of said unit being utilized to retain said supporting bracket on said spring, said spring accommodating lateral and upward movements of said unit



within said casing, and means including a stop carried by said upper casing section and cooperating with said supporting bracket for limiting lateral and upward movements of said unit within said casing.

2,130,836
DIAL TUNING DEVICE
Edwin G. Bradshaw, Chicago, Ill., assignor to Wells-Gardner & Company, Chicago, Ill., a corporation of Illinois
Application October 4, 1937, Serial No. 167,222
5 Claims. (Cl. 74—10)

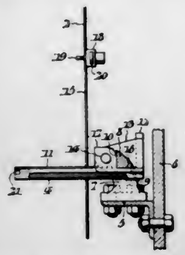


1. In a radio receiving set, a tuning condenser, a tuning dial operatively connected thereto, said dial having a series of depressions adapted to receive the finger of an operator, and a knob mounted adjacent the dial so that when the operator's finger is in a depression, it can rest on the knob to assist in tuning.

2,130,837
PILOT STEP
Benjamin H. Brenner, Altoona, Pa., assignor to The Pennsylvania Railroad Company, Phiiadelphia, Pa., a corporation of Pennsylvania
Application July 17, 1936, Serial No. 91,155
2 Claims. (Cl. 105—2)

1. In a railway vehicle including a frame and a relatively thin exterior casing spaced therefrom in surrounding relation, said casing having an opening therein unreinforced at its edges, a supporting element attached to the vehicle frame and located entirely within said exterior casing and disassociated from it, a step supported wholly on said supporting element and having a pivotal connection therewith, said step being adapted to fall by gravity from a vertical position,

wherein it fills the opening aforesaid and provides a surface continuous with the exterior shell to a horizontal position wherein it projects through said opening in the exterior shell substantially beyond the exterior surface thereof, an

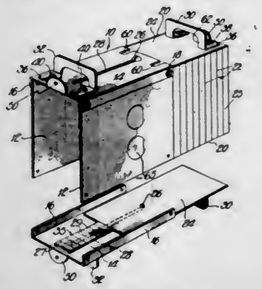


externally operable latch means for holding said step in its vertical position, and stops associated with said pivotal connection and engaging surfaces on said step to limit the angular movement of said step between said vertical and said horizontal positions.

2,130,838
METHOD OF PLEATING FILM
Joseph H. Brown, Brooklyn, N. Y., assignor to Celluloid Corporation, a corporation of New Jersey
No Drawing. Original application May 2, 1935, Serial No. 19,384. Now Patent No. 2,025,568. Divided and this application September 21, 1935, Serial No. 41,629
13 Claims. (Cl. 154—33)

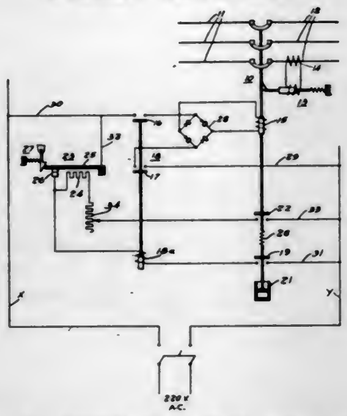
1. A method of making a new article of manufacture, which comprises subjecting a continuous thin film of an organic derivative of cellulose having a thickness of from .002 to .005 of an inch to a temperature at which it is softened, forming pleats in the softened film, and then immediately cooling it to a temperature at which it assumes a set condition.

2,130,839
OUTLET BOX
Michael J. Conners, Larchmont, N. Y.
Application March 24, 1936, Serial No. 70,592
6 Claims. (Cl. 247—19)



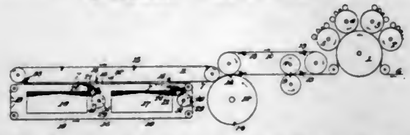
1. An outlet box comprising a main body portion, extensions projecting from two opposed sides of said main body portion, said extensions being weakened along predetermined transverse lines whereby portions thereof may be removed, and means slidably mounted upon the remaining side walls of the main body portion to bridge and close the spaces between said extensions.

2,130,840
AUTOMATIC RECLOSING CIRCUIT BREAKER SYSTEM
Lloyd W. Dyer, Swissvale, and Gayne D. Gamel, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 31, 1936, Serial No. 118,564
4 Claims. (Cl. 175—294)



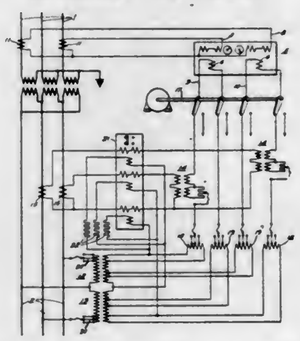
1. In an automatic reclosing circuit breaker system, a circuit breaker biased to open circuit position, latch means for holding the breaker in closed position, means responsive to predetermined abnormal conditions on the circuit to which the breaker is connected for tripping said latch means, a first circuit closer, means whereby said first circuit closer is closed while said circuit breaker is open and open while said circuit breaker is closed, a second circuit closer, means for closing said second circuit closer a predetermined time after said circuit breaker is opened and for opening said second circuit closer when said circuit breaker is closed, electromagnetic means for closing said circuit breaker, a thermal current relay having a heating element, a circuit comprising the contacts of said thermal current relay, the heating element of said thermal current relay and said first circuit closer for energizing said heating element, a circuit comprising said thermal current relay contacts, said circuit breaker closing means and said second circuit closer for energizing said circuit breaker closing means, and means for retaining said thermal current relay contacts in open circuit position.

2,130,841
DELIVERY MECHANISM FOR PRINTING PRESSES
William K. Eckhard, Westerly, R. I., assignor to C. B. Cottrell & Sons Company, Westerly, R. I., a corporation of Delaware
Application June 9, 1936, Serial No. 84,269
6 Claims. (Cl. 271—68)



1. A flat sheet delivery comprising a sheet delivery carrier traveling in an endless path, a suction line, suction nozzles located within the path of the endless delivery carrier and arranged to be brought upwardly into contact with the undersides of the tail ends of the sheets as the sheets are being forwarded by the endless delivery carrier, and coacting mechanisms arranged to move the nozzles in endless paths to engage, depress and release the sheets.

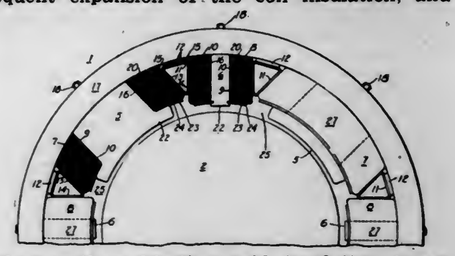
2,130,842
POTENTIAL SOURCE COMPENSATION
Edwin L. Harder, Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 12, 1937, Serial No. 174,197
12 Claims. (Cl. 171—97)



1. In combination with a polyphase alternating-current circuit energized in accordance with a substantially symmetrical polyphase variable; an alternating-current translating device of a type responsive to the magnitude and phase relationship of a plurality of alternating energizing conditions supplied thereto, said translating device having an element to be energized in accordance with a predetermined phase of said symmetrical polyphase variable; energizing means for said translating device including a mutual impedance device for energizing said element in accordance with an alternating electrical condition derived from said circuit, said alternating electrical condition having a fixed relationship to said predetermined phase; a second mutual impedance device for deriving from said circuit a condition of said symmetrical polyphase variable displaced in phase from said predetermined phase; and means for correcting a ratio and phase angle error in the energization of said element comprising mutual impedance means for additionally energizing said element in accordance with a correction component derived from said second mutual impedance device.

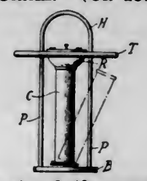
2,130,843
FIELD-COIL COOLING MEANS FOR MOTORS
Charles F. Hill, Wilkinsburg, Maurice F. Jones, Edgewood, and Clarence A. Atwell, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 28, 1936, Serial No. 113,202
3 Claims. (Cl. 171—252)

1. The method of fabricating the field-frame member of a salient-pole dynamo-electric machine comprising the steps of placing, on the respective salient poles, field-coil members having impregnable insulating material for insulating the coils, tightly wedging a plurality of wedge-shaped metallic ducts in the spaces between adjacent field-coils, so as to mitigate subsequent expansion of the coil insulation, and



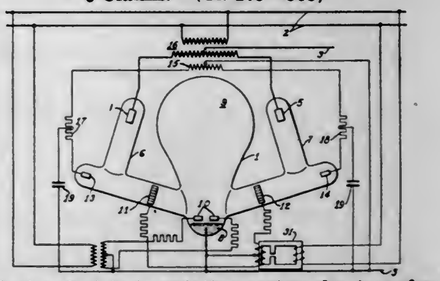
subsequently subjecting said insulation to an impregnation treatment.

2,130,844
SMOKING STAND
Wolfgang Hoffmann, Batavia, Ill., assignor to The Howell Company, St. Charles, Ill., a corporation of Illinois
Application August 27, 1936, Serial No. 98,107
1 Claim. (Cl. 131—51)



In a smoking stand, the combination of a base, a refuse receiver, a support for the receiver extending upwardly from the base, a seat plate, resilient means yieldingly supporting the seat plate for universal movement above the base, and a columnar container extending downwardly from the receiver and communicating therewith and having its lower end of less diameter than the seat plate and of a size for removable fitting thereupon, and interengaging means on the container and receiver for normally preventing lateral displacement of one with respect to the other, said last named means being disengageable when the container is moved downwardly against the resistance of the resilient means supporting the seat plate.

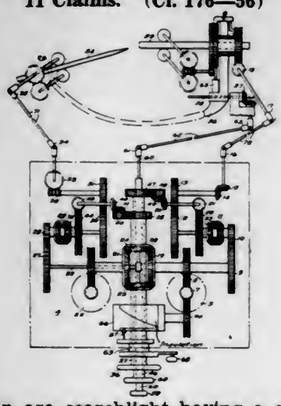
2,130,845
ELECTRODE ARRANGEMENT
Jurgen von Issendorff, Berlin-Siemensstadt, Germany, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany, a corporation of Germany
Application December 9, 1937, Serial No. 178,935
In Germany December 19, 1936
6 Claims. (Cl. 175—363)



1. An electric translating system for transferring electric energy between an alternating cur-

rent circuit and a direct current circuit comprising a constantly excited vapor electric device, a plurality of main anodes in said device, transformer means for impressing potential on said main anodes, arc guides about said main anodes, control electrodes in said arc guides, means for impressing control potentials on said control electrodes, auxiliary anodes interposed between said main anodes and said control electrodes and a source of auxiliary potential in phase with but independent of the potential applied to the main anodes, said auxiliary potential being applied to the auxiliary anodes.

2,130,846
ARC HEAD OPERATING MECHANISM FOR SEARCHLIGHTS
William H. Jacobi, Wilkinsburg, Pa., and Irvine A. Yost, Lakewood, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application June 19, 1937, Serial No. 149,157
11 Claims. (Cl. 176—56)



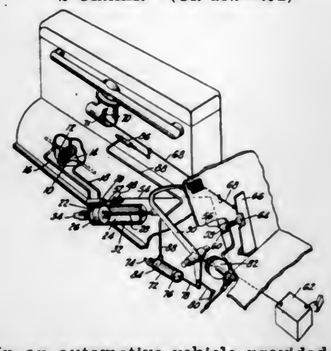
9. In an arc searchlight having a searchlight drum, an arc head upon which the arcing electrodes are supported in the drum and means for producing a beam, in combination, means for mounting the searchlight drum on an axis which is substantially normal to the normal direction of the beam projected by the searchlight, and means for manually adjusting the position of the arc head as a unit including a control member extending to the outside of the drum along said axis.

2,130,847
VALVE DEVICE
Charles P. Kersgieter, St. Louis, Mo., assignor to Carter Carburetor Corporation, St. Louis, Mo., a corporation of Delaware
Application May 13, 1936, Serial No. 79,469
4 Claims. (Cl. 251—130)



1. As a new article of manufacture, a needle valve having a separately formed tip part for cooperating with a valve seat, and a substantially hollow body part comprising a plurality of spaced ribs secured at one end to said tip part, said ribs merging at their ends opposite said tip part.

2,130,848
CLUTCH CONTROL
Victor W. Kliesrath, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Original application November 30, 1932, Serial No. 645,103. Divided and this application April 17, 1937, Serial No. 137,417
2 Claims. (Cl. 192—.01)



1. In an automotive vehicle provided with an accelerator and further provided with a clutch mechanism, power means for operating the clutch comprising a fluid pump having discharge and intake conduits, said power means further comprising a single-ended power actuator operably connected to the clutch and adapted to be energized by said fluid pump, an electrically operated accelerator controlled control valve for said actuator, and connections interconnecting said actuator, valve and discharge and intake conduits of said pump, said parts being so constructed and arranged that in one operative position of the valve the intake side of the pump is placed in circuit with the actuator to energize the same and disengage the clutch and in another position of the valve the discharge side of the pump is placed in circuit with the actuator to energize the same and positively engage the clutch.

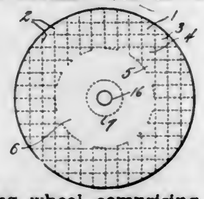
2,130,849
BUFFING WHEEL
Lester W. Kreilick and Herbert R. Taylor, Fremont, Ohio, assignors to The Yerges Manufacturing Company, Fremont, Ohio, a corporation of Ohio
Application January 13, 1936, Serial No. 58,891
1 Claim. (Cl. 51—193)



The method of making a multilayered fabric buff comprising, cutting strips of fabric of the proper length and width on a bias with respect to the weave of the fabric, sewing the ends of said strips together to form hollow cylinders of said strip, nesting a plurality of said hollow cylinders in concentric relationship, folding said nested

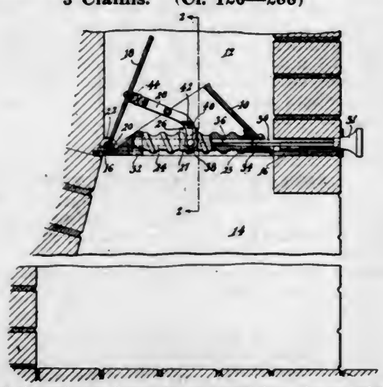
cylinders medially of the length thereof forming a hollow cylinder approximately one-half the length of the unfolded cylinder, pleating said folded cylinder along one edge so that the folds extend across the length of the cylinder forming an annular disk therefrom, and clamping a plurality of said annular disks upon a supporting hub.

2,130,850
BUFF CONSTRUCTION
Lester W. Kreilick and Herbert R. Taylor, Fremont, Ohio
Application September 15, 1937, Serial No. 163,932
2 Claims. (Cl. 51—193)



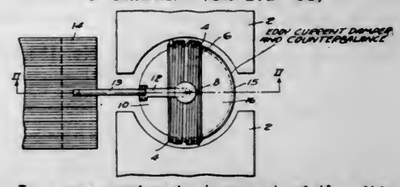
1. A buffing wheel comprising a plurality of disks of woven fabric united to form a unitary structure, a plurality of rows of stitching applied to an outer annular working portion to compact and strengthen said working portion, an inner portion between the centre of the disks and the annular working portion being unstitched and loose in nature and of such an extent as to form a resilient support for the working portion.

2,130,851
FIREPLACE DAMPER
Francis Le Baron, Brockton, Mass.
Application March 14, 1938, Serial No. 195,751
3 Claims. (Cl. 126—288)



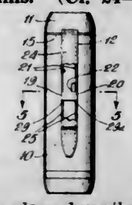
1. A fireplace damper comprising, in combination, a dome with opening therethrough for a passage between fireplace and flue; a damper mounted on the dome; a shaft extending across said dome, formed exteriorly as a worm, and adapted at its front end to be engaged by a rotative driving element; a rider on the worm, engaging its threads and adapted to travel along it when the worm is rotated; means connecting said rider with the damper and means holding the rider against rotation; said rider being an element which is curved around the worm, and envelops a part of the periphery of a short portion of the length of the worm, said part being less than the full periphery of the worm and leaving exposed the under side of the worm under the rider, for gravity fall of debris from the worm threads.

2,130,852
ELECTRICAL MEASURING INSTRUMENT
Lawrence J. Lunas, Verona, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application September 19, 1936, Serial No. 101,681
5 Claims. (Cl. 171—95)



1. In a measuring instrument of the d'Arsonval type having a bobbin for rotation between the arcuate pole faces of a permanent magnet and a magnetic core and indicating means including an arm projecting from one side of the bobbin, means for critically damping the movement of said bobbin comprising a semi-cylindrical member of non-magnetic and electrically conductive sheet metal, the center of curvature of which is substantially the same as that of said pole faces, and means for securing said member to said bobbin on the side opposite to said indicating means for movement across a pole face of said magnet, said member being positioned within the air gap formed by said core and pole faces.

2,130,853
PENCIL AND PEN CLIP
Clinton E. Marshall, New York, N. Y.
Application October 30, 1937, Serial No. 171,843
10 Claims. (Cl. 24—11)



1. In clips of the class described, a spring part for coupling a clip body in connection with a suitable support, said part comprising an elongated spring arm, means at one end of the arm for attaching the same to a support, the other end of the arm having laterally projecting coupling flanges, and said arm adjacent one of said flanges being recessed to facilitate attachment of a clip body with the flanges of said arm.

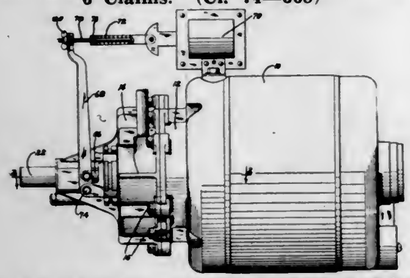
2,130,854
METHOD OF FORMING SPRAY NOZZLE DISKS
Thomas W. Murphy, Bala-Cynwyd, Pa., assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa., a corporation of Delaware
Application February 4, 1937, Serial No. 124,003
5 Claims. (Cl. 29—157)



3. The method of forming a spray nozzle disk comprising the upsetting of one end of a metal plug to form a tapered seat and simultaneously

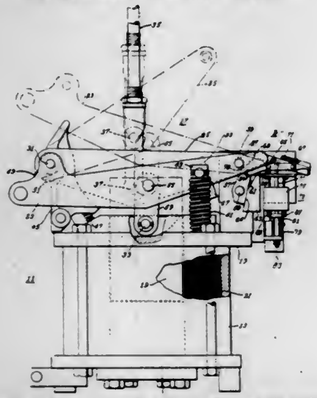
forming in the tapered end thereof a concentric swirl chamber, and forming the balance of said plug into a tapered tail.

2,130,855
TRANSMISSION
Wallace F. Oliver, Detroit, Mich., assignor to Bendix Home Appliances, Inc., South Bend, Ind., a corporation of Delaware
Application July 12, 1937, Serial No. 153,126
6 Claims. (Cl. 74—368)



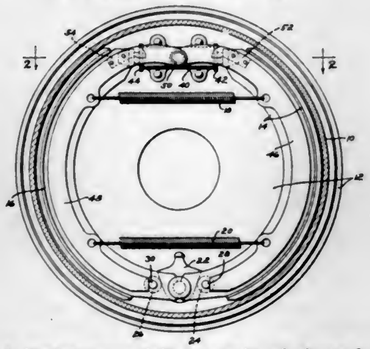
1. A transmission comprising a drive shaft having pinion teeth at its end, a countershaft paralleling the drive shaft, a small gear fixed on the countershaft, a large gear mounted on the countershaft and having a one-way drive through which it can drive the countershaft but which is not driven by the countershaft and which meshes with the pinion teeth on the end of the drive shaft, a clutch member fixed on the drive shaft a short distance from its end, a gear loose on the drive shaft meshing with said small gear and provided with a second clutch member engageable with the first clutch member, and a plunger device alined with and surrounding the end of the drive shaft and movable axially of the drive shaft to force the second clutch member against the first clutch member and which is cut away at one side to clear said large gear.

2,130,856
LATCHING MECHANISM
Willard T. Parker, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 1, 1937, Serial No. 177,601
13 Claims. (Cl. 200—109)



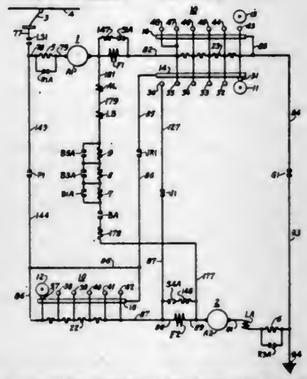
1. In a latching mechanism for a circuit breaker provided with a biased actuating member releasable to effect opening of the circuit, in combination, a main latch biased to a latching position for engaging and restraining said actuating member in a predetermined position, a second latch having a latching position for holding said main latch in its latching position, said second latch being biased to its latching position, and a spring biased means controlled by said actuating member for maintaining said second latch in released inoperative position until said actuating member is returned to said predetermined position following each release thereof.

2,130,857
BRAKE
Carl Press, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application December 31, 1936, Serial No. 118,448
6 Claims. (Cl. 188—79.5)



1. A brake comprising a pair of shoes having adjustable anchorage means at one side of the brake, members arranged beside the shoes and which are moved in opposite directions by the application of the brake, and means operated by said members and operative to adjust said anchorage means.

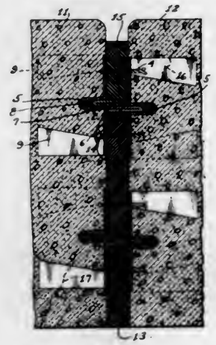
2,130,858
MOTOR CONTROL SYSTEM
Lynn G. Riley, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 13, 1934, Serial No. 752,802
20 Claims. (Cl. 172—179)



17. In a motor control system, in combination, a plurality of motors having series field windings,

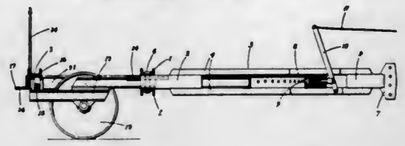
switching means for establishing dynamic braking connections for the motors, means for successively shunting the field windings of the motors by interlock progression during dynamic braking, and means responsive to the motor current for controlling the operation of the field shunting means.

2,130,859
ROAD EXPANSION JOINT
Robert R. Robertson, Chicago, Ill., assignor to The Translode Joint Company, Chicago Heights, Ill., a corporation of Illinois
Application March 30, 1936, Serial No. 71,572
11 Claims. (Cl. 94—18)



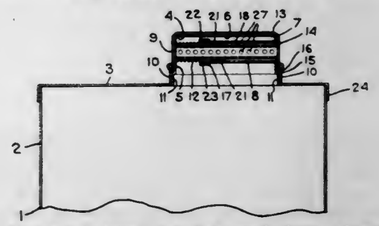
1. In an expansion joint for embedding between adjacent concrete road slabs, preformed compressible core boards, a load transmission device projecting between the core boards and comprising a pair of plates contacting opposite sides of the core boards, double looped sections integrally formed on said plates and slidably interfitting one another to provide a partition between the core boards, a compressible packing between the double looped sections of said plates, and anchoring blades on said plates projecting outwardly from opposite sides of the joint and embedded in the concrete road s'abs.

2,130,860
IMPLEMENT HITCH
Martin I. Sanderson, Davis, Calif., assignor of one-third to W. D. James, Sacramento, Calif., and one-third to F. P. Wray, Davis, Calif.
Application November 13, 1936, Serial No. 110,655
2 Claims. (Cl. 97—233)



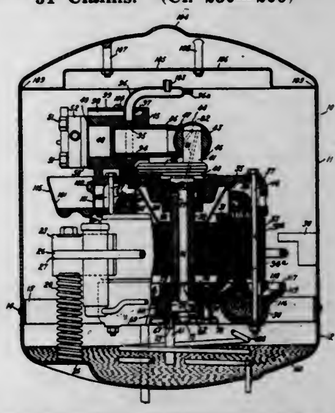
1. In an implement hitch of the cart type comprising a frame, a forwardly projecting tongue pivoted on the frame for movement in a horizontal plane, means to lock the tongue against such pivotal movement and in selective positions, spaced caster type wheels pivoted on and supporting the frame, the pivots being disposed ahead of the center of the wheels and rearward of the tongue, and means to secure ground working implements in connection with the frame.

2,130,861
POURING SPOUT FOR CANS
Harry Sebell, Cambridge, Mass., assignor of one-half to Arthur H. Parker, Lexington, Mass.
Application May 10, 1938, Serial No. 207,053
6 Claims. (Cl. 221—27)



1. A can having its top end formed with a raised portion provided in its side wall with a spout-receiving opening and a vent opening, a removable cap enclosing said raised portion and sealing said openings, a pouring spout located within said raised portion and adapted to be projected through the spout-receiving opening, and a spring acting on the spout and tending normally to project it outwardly, said spout being held in its retracted position by the cap and being projected by the spring outwardly through the spout-receiving opening into the pouring position when the cap is removed.

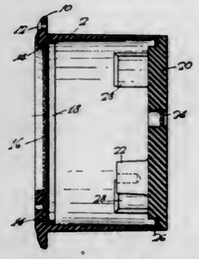
2,130,862
MOTOR-COMPRESSOR UNIT FOR A REFRIGERATING MACHINE
Christian Steenstrup, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application January 11, 1935, Serial No. 1,319
31 Claims. (Cl. 230—206)



1. A refrigerating machine comprising a compressor, a motor having a vertically extending shaft and arranged to drive said compressor, a casing enclosing said compressor and motor, said casing having a lubricant reservoir formed in the lower portion thereof and having an upwardly extending recess formed in the top portion thereof, the area of said recess being small as compared with the total area of the inner surface of said top portion of said casing, means for cooling the wall of said casing, means including a pump driven by said shaft for circulating lubricant from said reservoir, means for conveying a portion of the lubricant from said pump to the bearing surfaces of said compressor and mo-

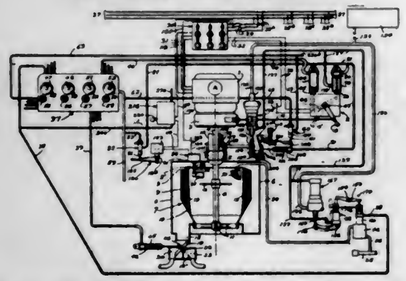
tor, means circulating a second portion of said lubricant from said pump over the surfaces of said compressor and motor for cooling the same, and means including an upwardly extending nozzle opposite said recess in said casing and circulating a third portion of said lubricant from said pump in a stream into said recess and then over the inner surface of said casing continuously during operation of said machine for cooling said lubricant.

2,130,863
ELECTRICAL MEASURING INSTRUMENT
Fernald S. Stickney, Verona, and Douglass A. Young, East Orange, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 16, 1936, Serial No. 74,715
2 Claims. (Cl. 73—151)



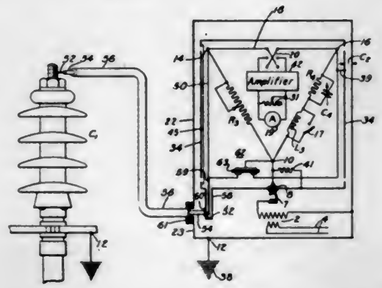
2. An instrument casing comprising a one-piece substantially cylindrical hollow body portion open at both ends, and having an integral flange projecting inwardly at one end, a closure for said end of substantially the same diameter as the bore of the body portion to be inserted from the opposite end to abut said flange, a plurality of lugs integral with the body portion adjacent to said opposite end and projecting into the bore of the body portion, said lugs being of such dimensions radially of said bore and parallel to the axis thereof as to permit the insertion of said closure into its proper position, a cover for said opposite end and means extending parallel to the axis of the bore from said opposite end through said cover and into said lugs for securing it in position.

2,130,864
CENTRIFUGAL CONTROL APPARATUS
Robert Alexander Steps, Los Angeles, Calif.
Application August 22, 1934, Serial No. 741,017
28 Claims. (Cl. 210—71)



9. In combination, with a conical bottom self-discharging centrifugal basket and the starting means therefore, of control means cooperatively connected with said starting means, and a movably mounted charge contacting shoe in said basket cooperatively associated with said control means and normally urged toward the wall of said basket, said shoe when released by the dropping of the charge from said basket being free to move toward the wall of said basket to thereby affect actuation of said starting means through the agency of said control means to start said centrifugal basket after the dropping of the charge therefrom.

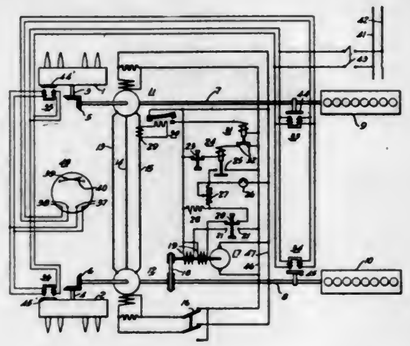
2,130,865
PORTABLE INSULATION TESTING EQUIPMENT
Thomas R. Watts, Forest Hills, and James H. Frakes, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application May 19, 1936, Serial No. 80,560
7 Claims. (Cl. 175—183)



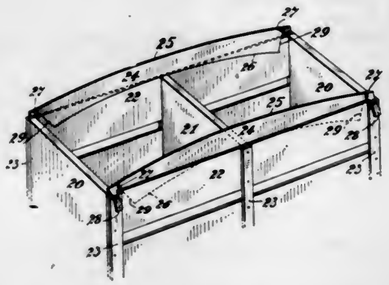
1. A device for measuring insulation qualities of a grounded specimen comprising a metallic casing, a shell of conducting material therein and spaced therefrom to constitute a condenser of fixed capacity, a source of test voltage and means for impressing it upon said specimen including a bridge circuit one arm of which includes said specimen and the adjacent arm contains said fixed condenser, adjustable impedance devices mounted in said shell and connected in the other two arms of said bridge and means for operating them to balance the bridge, and means for compensating said bridge for errors resulting from an electrostatic charge on said specimen.

2,130,866
ELECTRICAL INTERLOCK FOR DRIVE SHAFTS
Hans Wolters, Wuppertal-Elberfeld, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application August 1, 1936, Serial No. 93,814
In Germany June 6, 1935
4 Claims. (Cl. 172—293)

2. In a system of control for controlling the operation of a pair of shafts, in combination, a pair of shafts, substantially like machines coupled to the respective shafts, said machines having like rotating elements which are normally to operate at the same speed and in mechanically out-of-phase position, a pair of means for driving the respective shafts, means for indicating when the shafts and thus the rotating elements, are operating at the same speed and mechanically in phase, and means, operable when the indicating means indicate that the shafts are operating at the same speed and mechanically in phase, adapted to substantially lock the shafts into relative out-of-mechanical-phase operative position.



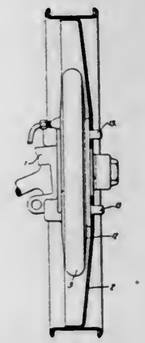
2,130,867
EDGE GUARD FOR FRUIT BOXES
John H. Woodall, Woodland, Ga.
Application March 28, 1935, Serial No. 13,372
10 Claims. (Cl. 217—3)



1. An edge guard for fruit boxes comprising an elongated band of paper material with the grain of the material extending transversely of the length of the band, the band being adapted to be placed against a side wall of the box with its length in a substantially horizontal position and with a laterally unsupported zone of the band projecting above the side wall, whereby the grain of the band extends substantially vertically and stiffens said projecting zone to resist lateral bending of the zone.

2,130,868
BRAKE
Raymond Alexandre Babel, Clichy, France, assignor to Bendix Brake Company, South Bend, Ind., a corporation of Illinois
Application May 30, 1930, Serial No. 457,651
In France August 22, 1929
8 Claims. (Cl. 188—72)

1. A brake comprising a rotatable member having a turned-over outer portion and a rotatable friction disk having its outer portion keyed to said turned-over portion, and co-operating non-rotatable friction parts including a disk having its outer portion formed to inclose said keyed-together portions.



2,130,869
MANUFACTURE OF NONCAKING POWDER COMPOSITION
Louis Block and Max Metziger, Joliet, Ill., assignors to Blockson Chemical Co., Joliet, Ill., a corporation of Illinois
No Drawing. Application August 7, 1935, Serial No. 35,103
15 Claims. (Cl. 87—5)

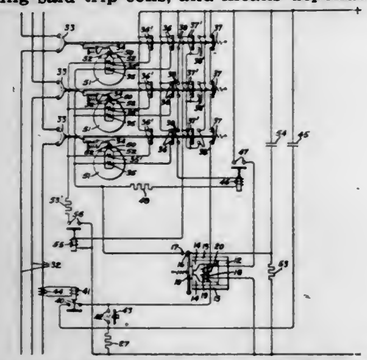
1. The method of minimizing caking of a powdery physical mixture of particles of silica and of particles of trisodium phosphate which comprises thoroughly dispersing throughout the mixture a small quantity of an aluminum compound which is active to prevent in its immediate vicinity the formation of an adhesive substance causing caking, said adhesive being normally caused by interaction of silica and alkaline sodium compound derived from the particles of trisodium phosphate.

10. A substantially non-caking powdery mixture comprising as the essential ingredients particles of silica, particles of trisodium phosphate, and a small quantity of an aluminum compound which is active to prevent in its immediate vicinity the formation of an adhesive substance which is the cause of caking, said adhesive substance being normally formed by interaction of silica and alkaline sodium compound derived from the particles of the trisodium phosphate.

2,130,870
PROTECTIVE CONTROL DEVICE AND SYSTEM
Eugene W. Boehne, Yeadon, Pa., assignor to General Electric Company, a corporation of New York
Application August 4, 1936, Serial No. 94,219
11 Claims. (Cl. 175—294)

2. In combination, a plurality of circuit breakers, a trip coil for each circuit breaker and means for simultaneously energizing all of said trip coils whereby to open said circuit breakers including a magnetic device having an armature normally magnetically maintained in the attracted position, means tending to move the armature from said position, means for releasing said armature from said position, means con-

trolled by the movement of the armature for energizing said trip coils, and means dependent on



the opening of all the circuit breakers for returning the armature to the attracted position.

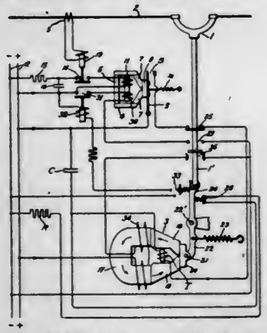
2,130,871

HIGH SPEED TRIPPING SYSTEM

Eugene W. Boehne, Yeadon, Pa., assignor to General Electric Company, a corporation of New York

Application August 4, 1936, Serial No. 94,220

11 Claims. (Cl. 175—294)



1. A high speed releasing device comprising means forming a magnetic circuit including a relatively movable armature, biasing means for causing relative movement of said armature and said magnetic circuit, a source of magnetomotive force normally holding said armature and circuit in closed magnetic circuit position against said bias, a tripping coil having a magnetic path related to said magnetic circuit so as to produce a flux in that part of the magnetic circuit including said armature opposing that produced by said magnetomotive force, the number of turns of said coil being related to the impedance of the circuit externally of said coil for effecting an optimum with respect to the rate of the building up of said tripping flux in said armature and means for controlling energization of said tripping coil.

2,130,872

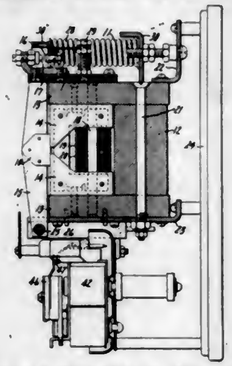
MAGNETIC CONTROL DEVICE

Eugene W. Boehne, Yeadon, Pa., assignor to General Electric Company, a corporation of New York

Original application August 4, 1936, Serial No. 94,219. Divided and this application January 5, 1938, Serial No. 183,496

5 Claims. (Cl. 175—335)

1. A magnetic device comprising an armature, a magnetic structure for maintaining said armature in the attracted position after it is moved to said position, means biasing said armature for movement from said position, a shunt flux path for said armature, means for establishing a flux



in said path in a direction to decrease the flux in said armature whereby to effect a release of the armature, and means for establishing a flux in said path in a direction to increase the flux in said armature whereby to return the armature to the attracted position.

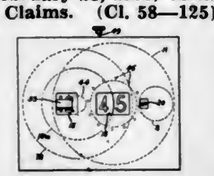
2,130,873

ROTATING DIAL NUMERAL CLOCK

Edgar Bourquin, Framingham, Mass., assignor to Warren Telechron Company, a corporation of Maine

Application February 23, 1938, Serial No. 191,863

8 Claims. (Cl. 58—125)



8. A clock comprising a face plate having three horizontally alined windows, an hour dial, closely adjacent the rear of said plate and parallel thereto, said dial having a circle of hour numerals uniformly distributed on its outer front periphery, the numeral on the left of which may be positioned in the left-hand window, said dial having a central observation opening in alinement with the central window of the face plate and a plurality of observation openings arranged in a circle within the number circle equal in number to the hour numerals, said plurality of openings consecutively alining with the right-hand window of the face plate as the hour numerals on the hour dial are consecutively alined with the left-hand opening in the face plate, rotatable minute and ten minute dials back of said hour dial and having circular rows of corresponding time graduations on their fronts which rows are rotatable past the central opening in the hour dial to expose time indicating combinations of said graduations through the central window of said face plate, and a continuously movable member having second indicating graduations thereon back of the hour dial and the right-hand window in said face plate, such that a selected portion of such graduations may be seen therethrough, a timer motor, means operated thereby for advancing said dials and the seconds indicating member so as to expose clock time through said windows, said hour dial being advanced in step once per hour and in the intervals having stationary positions where time markings on all of said dials and the seconds indicating member are clearly visible through said windows.

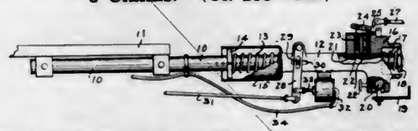
2,130,874

TRAILER BRAKE CONTROL

Kermit H. Burgin, Zionsville, Ind.

Application March 3, 1937, Serial No. 128,710

3 Claims. (Cl. 188—142)



1. A trailer coupling having an universal attachment with a pulling vehicle, consisting of a tongue fixed rigidly to the trailer, a housing telescoping over the tongue and making said attachment, a pair of springs spaced between abutments on the tongue, said housing being mounted between said springs, a member fixed to said tongue and extending through an opening in said housing, said opening permitting but limiting travel of the housing along the tongue, a brake actuating lever rockably mounted on said housing in the path of said member, a pair of latches carried by said housing adjacent said attachment, a plurality of latch abutments carried by said tongue, said latches being oppositely disposed whereby movement of said tongue through said housing is prevented when both latches are engaged with said abutments, and latch release means centered at said attachment.

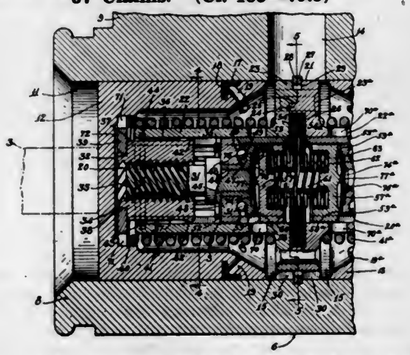
2,130,875

SELF-ADJUSTING HYDRAULIC BRAKE

Howard D. Colman, Rockford, Ill.

Application February 10, 1936, Serial No. 63,130

37 Claims. (Cl. 188—79.5)



1. In a hydraulic brake, in combination, a stationary support, a rotatable drum, a friction shoe pivoted at one end on said support, a spring for retracting said shoe from said drum, a hydraulic actuator having a cylinder and a piston therein coacting with the free end of said shoe and operable to move said shoe through a braking clearance into engagement with said drum, and adjustable means within said cylinder for limiting the return movement of said piston, said means being automatically self-adjustable in either direction to maintain said clearance substantially constant.

2,130,876

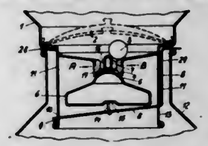
FUNNEL, PARTICULARLY SUCH AS IS USED IN CONJUNCTION WITH MILK FILTERS

Karl Cordts, Eutin, Germany, assignor of one-half to Josefa Gastreich, Cologne-Meerheim, Germany

Application March 2, 1937, Serial No. 128,580

In Germany July 8, 1936

7 Claims. (Cl. 226—37)



1. In a filling funnel particularly for milk filters to be placed upon milk vessels comprising a funnel body having an outlet neck, adapted to be inserted in the mouth of the vessel to be filled, a valve seat member arranged within said outlet neck and having a filling aperture, a downwardly acting gravity controlled closure valve member and an upwardly acting closure valve member in cooperative connection with said valve seat member, a float disposed within said outlet neck carrying said upwardly acting closure valve member and having means to operate said gravity controlled closure valve member, lateral recesses in said outlet neck, a displaceable release bar guided in said recesses and carrying said float being adapted to cooperate with the mouth of the vessel to be filled when the funnel is placed in operative position thereon so that when the funnel is placed in the mouth of the vessel, said float is raised and said gravity controlled closure valve member is displaced to open the filling aperture in said valve seat member.

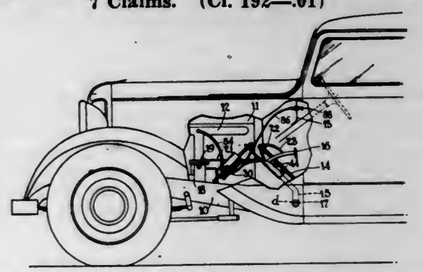
2,130,877

SUCTION OPERATED CLUTCH

Robert J. Curry, Buffalo, N. Y.; Henry B. Staples, trustee in bankruptcy of Robert J. Curry, assignor, by mesne assignments, of one-half interest to Bendix Products Corporation, South Bend, Ind.

Application May 20, 1931, Serial No. 538,840

7 Claims. (Cl. 192—.01)

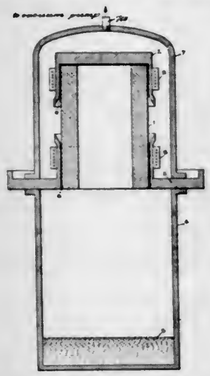


1. A clutch operating accessory for vehicles having a clutch and a clutch operating lever therefor, comprising a cylinder mounted upon the vehicle, a piston movable in the cylinder, a rod connected to the piston at one end and extending through the cylinder, an extension lever attached to the clutch operating lever and having an aperture receiving the rod, adjustable means upon the rod for engaging the extension lever to cause it to move with the rod, and a spring between the cylinder and the extension lever for normally retaining the extension lever against the adjustable engaging means.

2,130,878
LEUCOINDIGO
Alfred Davidson and Colin Henry Lumsden, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application April 6, 1934, Serial No. 719,410. In Great Britain April 10, 1933
5 Claims. (Cl. 260—323)

1. The method of preparing leucoindigo which comprises mixing a phenylglycine fusion mass containing indoxyl with caustic alkali and indigo in excess of water, removing excess of aniline, methylaniline and other vaporizable indigenous impurities by evaporation, precipitating leucoindigo in the form of its alkaline salts by raising the alkali concentration to an amount at least equivalent in effect to about 15% of sodium hydroxide, removing the precipitate, dissolving it in water, and adding to the solution acid sufficient to precipitate the leucoindigo as indigo white.

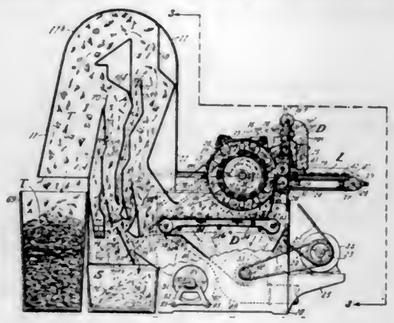
2,130,879
METHOD OF MAKING A VACUUM-TIGHT JOINT BETWEEN SOLID BODIES
Günther Dobke, Berlin-Reinickendorf, Germany, assignor to General Electric Company, a corporation of New York
Application March 24, 1937, Serial No. 132,878
In Germany April 8, 1936
3 Claims. (Cl. 49—81)



3. A method of making a gas-tight seal between a metallic body and a metallized ceramic body adapted to be sealed together by iron, which comprises passing iron carbonyl in gaseous state through the gap between said bodies as assembled in position for ultimate rigid union and subjecting said iron carbonyl under vacuum to thermal decomposition in the region of said gap thereby to fill the gap with iron.

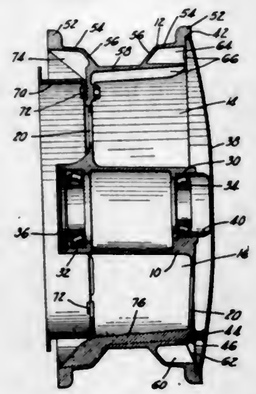
2,130,880
TOBACCO STEMMING AND THRESHING MACHINE
James P. Durning, St. Albans, N. Y., assignor to International Cigar Machinery Company, a corporation of New Jersey
Application October 3, 1935, Serial No. 43,330
64 Claims. (Cl. 131—57)

1. In a tobacco stemming and disintegrating machine, the combination with disintegrating means operating to break up tobacco leaves into fragments and remove laminae from the same, of a device for winnowing the disintegrated tobacco to segregate therefrom in three separate portions the laminae, the stem fragments having adhering laminae and the stem fragments substantially devoid of laminae, and returning the



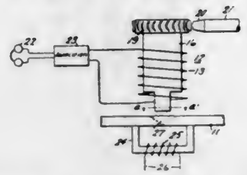
stem fragments having adhering laminae to said disintegrating means for further removal of the laminae from the same, and means for delivering the disintegrated tobacco to said device.

2,130,881
WHEEL
Frederick C. Frank, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application April 24, 1935, Serial No. 17,902
6 Claims. (Cl. 301—65)



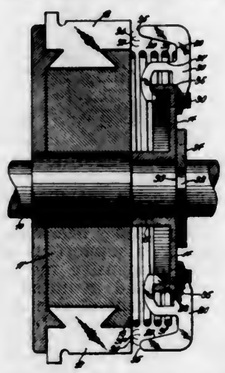
1. A cast airplane wheel having inboard and outboard sides, a hub, a drop-center rim, a plurality of triangular shaped flat inboard side walls extending between the hub and rim, a plurality of triangular shaped flat outboard side walls extending in generally parallel relation with the inboard side walls between the hub and rim and staggered with respect to the inboard side walls, and means including a plurality of flat walls of metal diverging from the outer edges of the triangular shaped inboard side walls to the triangular shaped outboard side walls to build up a continuous web about the circumference of the wheel, said rim having tire bead supporting flanges substantially radially in line with said inboard and outboard flat side walls whereby a maximum of direct support to said hub immediately beneath said flanges is provided.

2,130,882
MAGNETIC TESTING DEVICE
Ernst Froböse, Berlin-Oberschoneweide, Germany, assignor to General Electric Company, a corporation of New York
Application November 22, 1934, Serial No. 754,232
In Germany January 8, 1934
4 Claims. (Cl. 175—183)



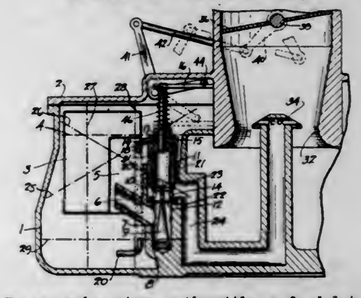
2. A magnetic testing device comprising an electrical winding, current responsive means connected thereto, and a core of magnetic material in the form of a cylinder with portions thereof cut away to form a radially symmetrical solid, said core being in inductive relation to said winding and being adapted to be rotated about its axis in a magnetic field to be examined.

2,130,883
SHORT-CIRCUITING DEVICE FOR ELECTRIC MOTORS
Stephen D. Hartog, Normandy, Mo., assignor to William J. Peters
Application December 28, 1936, Serial No. 117,765
2 Claims. (Cl. 172—279)



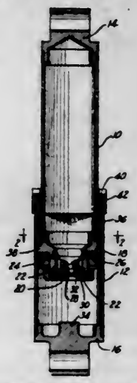
1. In an alternating current motor having a commutator, a short-circuiting device for short-circuiting the commutator, comprising a hub-flanged disc having a peripheral contour terminating in a rim, a plurality of short-circuiters each having projecting body portions spaced one from the other by an opening therebetween, the opening therebetween providing the means whereby the short-circuiters are capable of being mounted for operative movement astride the peripheral contour of the hub-flanged disc, the short-circuiters thus mounted being capable of oscillatory movement upon the peripheral contour of the hub-flanged disc in a direction to and from the commutator only, means on the projecting body portions of the short-circuiters adapted to restrain their displacement while operative under centrifugal influence, and pressure means yieldingly operative upon and in contact with the short-circuiters, the named pressure means, having contact with the short-circuiters and localized between the short-circuiter's commutator contacting surface and the surface upon which the short-circuiters pivot.

2,130,884
CARBURETOR
Théodore Jean-Baptiste Lafitte, Paris, and Enogat Pradier, Clichy, France, assignors to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application July 29, 1935, Serial No. 33,726
In France December 28, 1934
10 Claims. (Cl. 261—51)



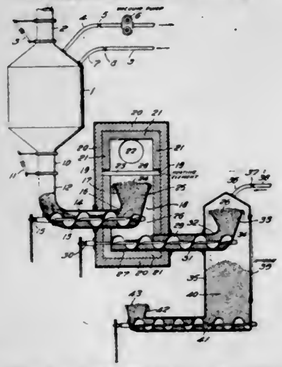
1. In a carburetor, a throttle, a fuel jet, a fuel reservoir for supplying fuel to said jet, a conduit leading from the reservoir to the jet, a valve in said conduit to restrict the flow therethrough, and means operated in accordance with throttle position for actuating said valve, said valve being movable by gravity to an inoperative position where it is not influenced by said means.

2,130,885
SHOCK STRUT
Carl V. Johnson, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application June 12, 1935, Serial No. 26,146
2 Claims. (Cl. 267—64)



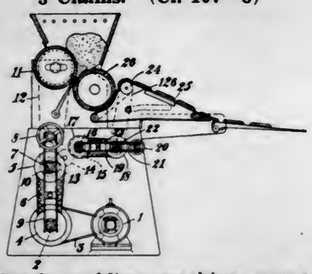
1. A shock strut comprising telescoping inner and outer cylinders, fluid and liquid in the cylinders, a partial closure comprising a plunger having a plurality of apertures and an apertured member associated therewith for one end of the inner cylinder, pressure operated means interposed between the plunger and the apertured member to vary the rate of flow between the inner and outer cylinders dependent on whether the strut is being compressed or expanded.

2,130,886
METHOD OF AND APPARATUS FOR VAPORIZATION
Frank R. Kemmer, Larchmont, N. Y., assignor to Magnesium Products, Inc., Pittsburgh, Pa., a corporation of Delaware
Application January 8, 1934, Serial No. 705,829
17 Claims. (Cl. 75—10)



1. A method of distillation of metal powders to recover purified metal therefrom which comprises removing deleterious gases from said powder, moving said powder into a zone of temperature above the vaporization point of said metal, radiating heat onto said powder to vaporize said metal and recovering the vapors.

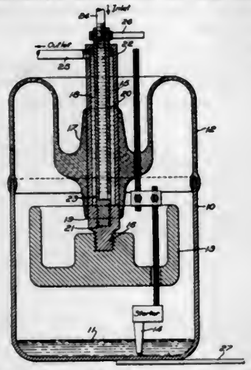
2,130,887
DOUGH MOLDING MACHINE
Otto Kremmling, Hamersleben, Germany
Application October 7, 1935, Serial No. 43,837
In Germany October 8, 1934
3 Claims. (Cl. 107—8)



1. A dough molding machine comprising a rotary molding drum having molding recesses in its periphery, and an endless discharge web having a lap enveloping a portion of the periphery of the drum, upper and lower guide rolls for the web and pressure means for pressing said lap of the web against the drum, said means comprising a transverse series of endless flexible elements supported by said rolls and engaging the back of said lap.

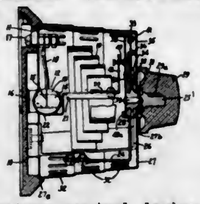
2,130,888
IGNITRON SEAL
Donald E. Marshall, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application February 20, 1936, Serial No. 64,880
8 Claims. (Cl. 250—27.5)

1. An electrical discharge device comprising a casing having an insulating portion, a metal tube, a seal between said insulating portion and said tube, an electrode attached to the inner end of



said tube and a metal of high conductivity attached to the said tube at at least two points on opposite sides of said seal.

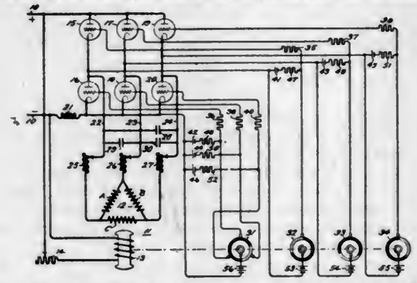
2,130,889
TEMPERATURE CONTROL DEVICE
Nicholas Miller, La Grange, Ill., assignor to Edison General Electric Appliance Company, Chicago, Ill., a corporation of New York
Application May 24, 1935, Serial No. 23,195
2 Claims. (Cl. 200—139)



1. A temperature control device comprising a perforated casing having a front wall, a spiral temperature responsive member in said casing positioned so that air circulating through said perforations freely passes over said temperature responsive member, a support in said casing for said temperature responsive member connected to one end thereof and mounted for movement substantially on the central axis of said casing, a control shaft mounted in the front wall of said casing substantially in the central axis thereof connected at its inner end to said support and having a control knob on its outer end, a temperature indicating dial within said casing and said front wall having a window for viewing the dial, a fixed index in said window cooperating with said dial, an indicator within said casing associated with said dial, a driving connection between the other end of said spiral temperature responsive member and said indicator so that said indicator denotes the temperature of said spiral member on said dial, and a switch operated by said other end of said spiral member.

2,130,890
STARTING OF THYRATRON MOTORS
Albert H. Mittag, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application April 27, 1937, Serial No. 139,176
8 Claims. (Cl. 171—228)

1. An arrangement for starting an electric motor provided with a plurality of inductive windings from a source of direct current comprising a plurality of electric valves interconnecting said windings with said source, a plurality of commu-

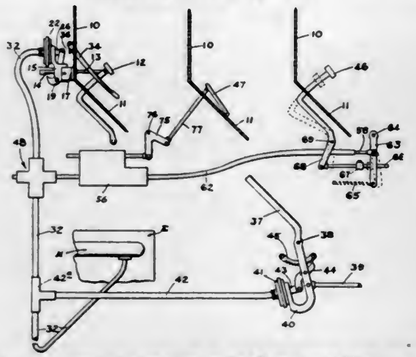


tating capacitors each connected between different ones of said valves, and a plurality of adjustable impedance devices each connected between one of said windings and said valves.

2,130,891
PRODUCTION OF GLYCOLS
Nathan M. Mnookin, Kansas City, Mo., assignor to Synthetic Products, Inc., a corporation of Missouri
No Drawing. Application September 21, 1936, Serial No. 101,751
24 Claims. (Cl. 260—636)

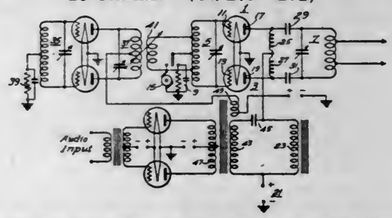
1. In the method of producing glycol, the steps comprising admixing ethylene dichloride with water, heating a body of the mixture under pressure to a temperature in excess of 125° C. in a closed vessel, withdrawing aqueous reaction products from said vessel and recycling the aqueous reaction products through said vessel.

2,130,892
AUTOMATIC BRAKE LATCH
Everett C. Morphet, Wilmar, Calif., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application November 15, 1935, Serial No. 49,938
5 Claims. (Cl. 192—.01)



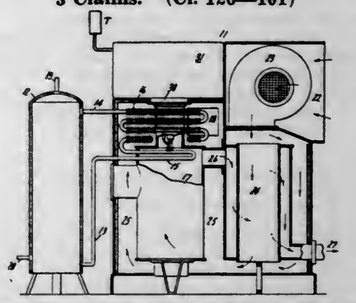
1. In a vehicle having a brake-operating member, a clutch-operating member, an accelerator member, and a motor with an intake, the combination therewith of: means to releasably engage said brake-operating member at a brake-applying position; a vacuum-actuated means to release said engaging means; a conduit from the vacuum means to said motor intake; a valve in the conduit operatively connected with said clutch-operating member to cut off communication between the vacuum means and the intake when the clutch-operating member is in clutch-releasing position; a latch means to releasably retain the valve at the cut-off position, said latch means being operatively connected with said accelerator to be released when the accelerator member is advanced; and yielding means to move the latch-means into valve-retaining position.

2,130,893
MODULATION
Ilia E. Mouromtseff and Henry N. Kozanowski, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 15, 1935, Serial No. 11,272
19 Claims. (Cl. 179—171)



1. In an amplifier of the type normally biased beyond cut-off and wherein carrier excitation at high frequency of an amplitude sufficient to overcome said bias is applied to an input circuit, the peaks of said carrier excitation determining the grid excitation level of said amplifier, and voltage at modulation frequencies is applied to an output circuit, the method of compensating for distortion in such an amplifier which comprises varying the magnitude of carrier excitation thereto in accordance with the modulating voltage.

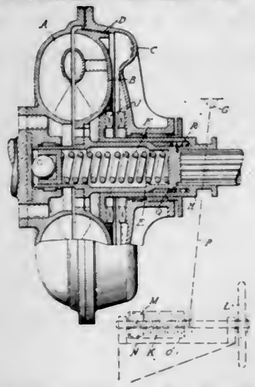
2,130,894
AUTOMATIC TEMPERATURE REGULATION
Roy C. Muir, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application June 24, 1936, Serial No. 86,961
3 Claims. (Cl. 126—101)



1. In a domestic heating and hot water system, the combination of a warm air furnace having a burner and an air circulating blower, means including a room thermostat for starting and stopping operation of said burner and blower, a hot water storage tank subject to variable draw off and provided with a water heating element exposed to the heat of combustion in said furnace and a complementary water temperature limiting element exposed to the air circulated in said furnace and proportioned for transferring substantially all the heat absorbed by said water

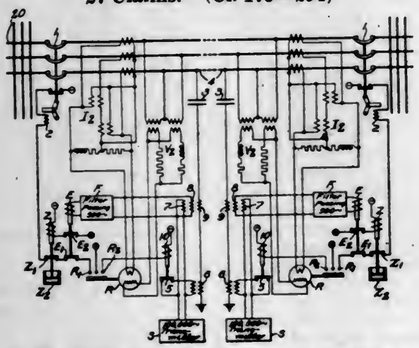
heating element to the air in said furnace to prevent overheating the water in said tank upon substantially continuous operation of said furnace under the control of said thermostat with substantially no draw off from said tank.

2,130,895
HYDRAULIC COUPLING
Artur Ness, Hamburg, Germany, assignor to Deschimag, Bremen, Germany, a corporation of Germany
Application December 24, 1937, Serial No. 181,600½. In Germany December 24, 1936
4 Claims. (Cl. 192—48)



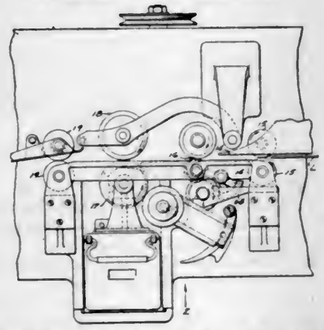
1. In a transmission gear the combination of a driver, a slidable runner and driver cover constituting a hydraulic coupling, a friction clutch formed between said runner and said cover, means including an axially slidable sleeve for controlling the sliding of said runner, and a dog clutch formed between said sleeve and said cover, said friction clutch and said dog clutch being located so that when said runner is moved axially under the control of said control means said friction clutch is first engaged and upon further movement of said slidable sleeve said dog clutch is engaged.

2,130,896
PROTECTIVE SYSTEM
Hermann Neugebauer, Berlin-Spandau, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application August 5, 1933, Serial No. 683,893
In Germany August 8, 1932
27 Claims. (Cl. 175—294)



2. A carrier-current protective system for a transmission-line including a line-section having circuit-interrupting means at each end thereof, said protective system including normally continuously operating sources of carrier current of different frequencies, normally continuously coupled to the line-section, one at each end thereof, means at each end of the line-section for selectively responding to the beat-frequency of the two carrier currents, means at each end of the line-section for temporarily interrupting the transmission of carrier from that end to the far end, but not interrupting the application of carrier from that end to the beat-frequency means at that same end, in response to predetermined abnormal line circuit conditions at said same end of the protected line-section, carrier-current circuit-interrupter controlling means at each end of the protected line-section for controlling the circuit-interrupting means at that end under the joint control of line-circuit conditions at that end and beat-frequency conditions at that end, and timing means responsive to a failure of beat frequency for a predetermined length of time for thereafter performing a predetermined function.

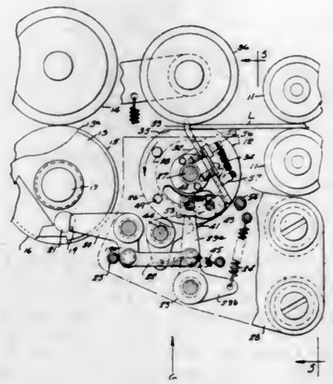
2,130,897
TIMED TRIPPING DEVICE
Jacob W. Ogden, Springdale, Conn., assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn., a corporation of Delaware
Application June 9, 1936, Serial No. 84,286
21 Claims. (Cl. 101—235)



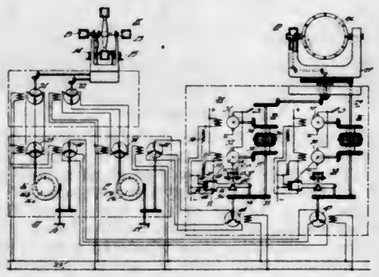
21. In a printing device having a rotary printing member and a drive to rotate same, means for moving articles into printing relation with the printing member, a clutch associated with the drive and adapted to be tripped to effect a printing operation when the article has reached a predetermined position with relation to the printing member, a trip member positioned in the path of said moving articles, and means including an adjustable trip member interposed between the first named trip member and clutch to delay the tripping of the clutch for a predetermined period after the trip actuating member is engaged by an article.

2,130,898
TRIPPING DEVICE
Jacob W. Ogden, Springdale, Conn., assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn., a corporation of Delaware
Application November 24, 1936, Serial No. 112,464
15 Claims. (Cl. 101—235)

5. In a device for printing upon moving articles, the combination with a driven rotary printing member having stop means to normally prevent the rotation of said printing member; of a trip to release said stop including a rotatable member having a portion thereof projecting in the path of the moving articles, whereby upon engagement of the leading edge of an article therewith the rotatable member is given a partial rotation and the periphery thereof moves into engagement with one surface of the article; a driven feed roller engaging the opposite surface of the article and cooperating to continue the rotation of the rotatable member after the article passes said projecting portion, stop releasing means, and a striker member movable with said rotatable member and arranged to engage the stop means to release the printing member and effect a printing operation after the rotatable member has been moved by the article.

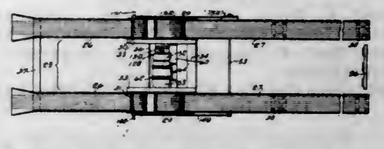


2,130,899
REMOTE CONTROL SYSTEM
John F. Peters, Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application May 11, 1935, Serial No. 21,010
9 Claims. (Cl. 172—239)



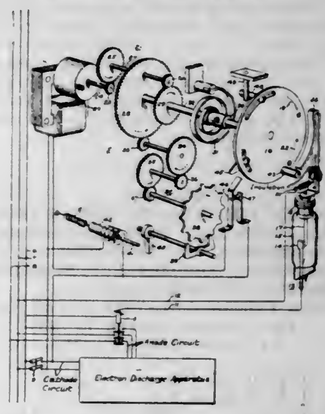
7. The combination with a movable object, of power means for moving said object, a distant control for said power means comprising a transmitting element and a receiving element, and a regulator having a continuously driven element and a cooperating element jointly controlled by the receiving element and in accordance with the position of the object for controlling the speed and direction of movement of the power means, whereby the movements of the object are in accordance with the movements of the transmitting element.

2,130,900
DYNAMOMETER OR/AND TESTING APPARATUS FOR MOTOR VEHICLES
Otis F. Presbrey, Brooklyn, N. Y.
Application June 30, 1934, Serial No. 733,174
35 Claims. (Cl. 265—24)



1. A testing apparatus, including in combination, means with which the wheels of a motor car may contact while the weight of the car is imposed thereon, such means being provided for each side of the car and each freely, relatively angularly movable with respect to or in unison with the other such means, power means operable at will and extraneous to the car, and in common with and floatably connected with the angularly movable means which are at opposite sides of the car, adapted to positively drive such means, or to react thereon when the motor of the car is delivering power to the car wheels, and torque measuring means controlled from the angularly movable means and such floatable power means.

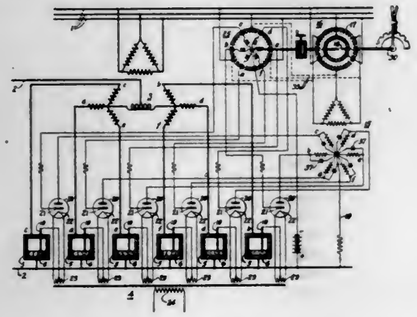
2,130,901
CONTROL DEVICE
William K. Rankin, Lansdowne, Pa., assignor to General Electric Company, a corporation of New York
Application February 4, 1936, Serial No. 62,293
11 Claims. (Cl. 200—97)



8. A control device comprising a rotatable control member, means for rotating said member at a definite angular velocity in a forward direction through an intermediate position to a final position, switching means actuated to a circuit controlling position by said control member when it reaches said intermediate position and maintained in said circuit controlling position while said control member is in and between its intermediate and final positions, means for stopping the member in said final position, means for rotating said control member in the reverse direction at a greater angular velocity than in the forward direction including means in which energy is stored while the member is being rotated in a forward direction, and means for preventing

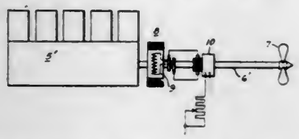
said reverse rotation energized simultaneously with said rotating means but releasable upon de-energization to permit said reverse rotation.

2,130,902
CONTROL SYSTEM
Herbert A. Rose, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 23, 1935, Serial No. 46,382
11 Claims. (Cl. 175—363)



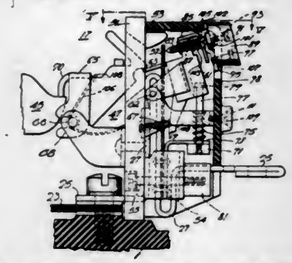
1. An electrical conversion system comprising a polyphase alternating-current circuit, a direct-current circuit, a converter having a plurality of make-alive type valves for transferring energy between said circuits, a make-alive electrode for each of said valves, a source of actuating potential, an actuating transformer for supplying current from said source to said electrodes, control valves connected in series with said make-alive electrodes and said actuating transformer, control electrodes in each of said control valves, a control transformer for supplying potential to said control electrodes, means for adjusting the phase of the control potential and means for adjusting the phase relation of the actuating transformer potentials.

2,130,903
APPARATUS FOR PREVENTING RESONANCE
Reinhold Rüdenberg, Berlin-Grunewald, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application February 27, 1936, Serial No. 66,138
In Germany March 7, 1935
5 Claims. (Cl. 188—104)



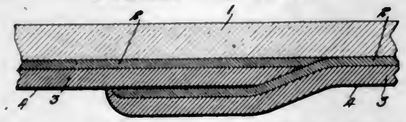
1. In a system of control for preventing resonance between the natural frequency of the system and the variable frequency of an element of the system, in combination, means for coupling an auxiliary system to the element subjected to a variable frequency, whereby the resulting oscillating system has its critical frequency changed to some other value, and electric means for varying the characteristics of said auxiliary system proportional to the frequency of the element in the system subjected to a variable frequency.

2,130,904
CIRCUIT INTERRUPTER
Jerome Sandin, Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application September 27, 1935, Serial No. 42,395
25 Claims. (Cl. 200—116)



1. In a circuit interrupter, separable contact means, actuating means for moving said contact means to open and to close the electrical circuit through said interrupter, and a trip device operable upon the occurrence of predetermined conditions to cause said actuating means to move said contact means automatically to the open circuit position, said trip device being removable as a unit from operative engagement with the other structural elements of said interrupter, and including a sealed closure, electro-responsive tripping means actuable to effect the operation thereof and means carried by the trip device including a movable operating member insulated from the circuit for varying the tripping point of said tripping means within predetermined limits, said operating member being operable from outside said sealed closure.

2,130,905
METHOD OF PRODUCING HARD RUBBER PRODUCTS
Herman J. Schelhammer, Whitestone, N. Y., assignor to American Hard Rubber Company, New York, N. Y., a corporation of New York
Application January 24, 1936, Serial No. 60,561
8 Claims. (Cl. 18—59)

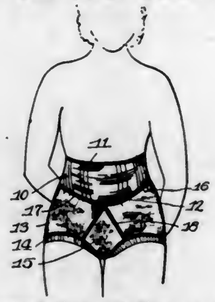


1. The method of coating sheet metal and the like with corrosion-resisting hard rubber which consists in attaching a layer of hard rubber compound to the metal, applying a veneer of substantially pure rubber of not more than fifteen one-thousandths of an inch on the hard rubber compound, subjecting the whole to a dry cure in gas at substantially 290° F., under pressure, to glaze and partially vulcanize the veneer of rubber, and then subjecting the whole to vulcanization by steam.

2,130,906
COMBINATION UNDERGARMENT
Jacob Scherfer, Chicago, Ill.
Application September 30, 1936, Serial No. 103,400
3 Claims. (Cl. 2—41)

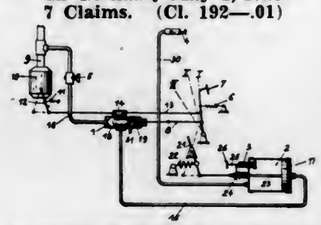
1. In an article of the class described, a girdle portion formed of relatively heavy elastic material and a pants portion formed of relatively light weight material in comparison therewith,

the said portions being cooperatively joined to each other to form a unitary garment, the said pants portion having constricting leg bands adapted to encircle the thigh of the wearer and to hold the said girdle portion anchored in



stretched constricting relation, and inverted V-shaped lines of stitching on said pants portion extending from said leg bands to the bottom edge of said girdle portion to assist in holding said girdle portion stretched downwardly over the abdomen of the wearer.

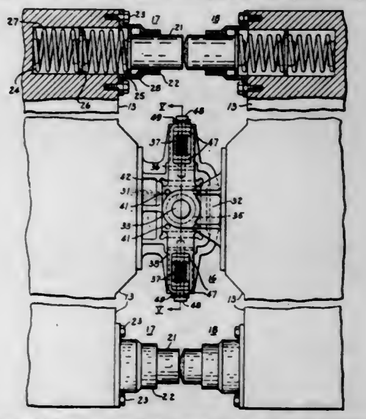
2,130,907
CLUTCH MECHANISM FOR MOTOR CARS
Otto Seidenberg, Berlin, Germany, assignor, by mesne assignments, to Bendix Aviation Corporation, Chicago, Ill., a corporation of Delaware
Application April 28, 1930, Serial No. 448,028
In Germany May 1, 1929
7 Claims. (Cl. 192—.01)



1. In a motor vehicle, the combination, with the engine and its manifold, the accelerator, and the clutch mechanism, of a cylinder closed at both ends having a piston reciprocating therein, an operative connection between said piston and the clutch mechanism, a fluid transmitting connection between said cylinder at one side of the piston and said manifold, means controlled by said accelerator for opening and closing said fluid transmitting connection, the chamber of the cylinder located at the side of the piston opposite to the part communicating with said manifold communicating with the outer air, a normally open valve adapted partly to close said chamber, and means controlled by said piston operative near the end of the clutch closing stroke thereof for moving said valve into position for partly closing said chamber and adapted upon the return stroke of said piston to move the valve into opening position.

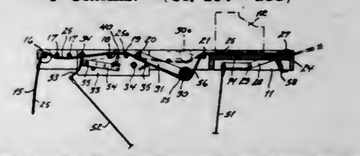
2,130,908
RAILWAY LOCOMOTIVE
John P. Shamberger, Wilkinsburg, and Frank L. Alben, Pittsburgh, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 29, 1935, Serial No. 52,146
4 Claims. (Cl. 105—175)

1. In a railway locomotive, in combination, an articulated frame structure comprising a plurality of sections, laterally movable means for connecting the sections of the frame structure, a yoke slidably disposed in one frame section through which said connecting means passes, resilient means disposed in said yoke and cooperating with said frame section and the yoke for yieldingly re-



taining said connecting means in a centrally disposed position in said frame section, and follower bars disposed at opposite ends of said resilient means to make all of said resilient means effective to resist lateral movement of said connecting means in either direction.

2,130,909
MANIFOLDING DEVICE
Mark W. Shoemaker, Chicago, Ill., assignor to The Rotary Printing Company, Norwalk, Ohio, a corporation of Ohio
Application March 30, 1937, Serial No. 133,858
9 Claims. (Cl. 197—133)

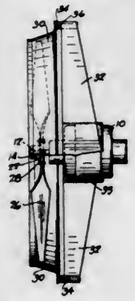


1. In a device for registering continuous superimposed forms in a typewriter machine, the combination of stationary means for engaging and aligning a set of openings in each of the respective superimposed forms, releasable means adapted to be projected into the path of the forms, for engaging and aligning another set of openings in the respective forms, and means disposed between said means for tensioning the respective forms while they are held in engagement and alignment by the stationary means and the releasable means, said last-named means acting automatically consequent upon the release of said releasable means to progress a portion of the forms which were acted upon by the releasable means.

2,130,910
FAN
Marshall A. Smith, Jr., South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application February 9, 1935, Serial No. 5,691
2 Claims. (Cl. 230—120)

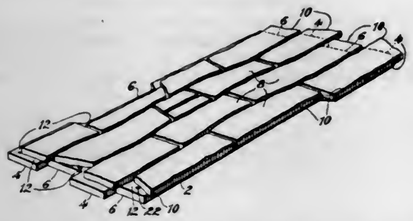
1. A ventilating fan comprising a driving motor including a shaft and a housing, a bladed fan

having a working area designed to deliver air at uniform velocity, a generally conical shaped air flow directing ring and an air outlet passage of substantially the same diameter as the fan, and means including a plurality of thin relatively wide brace members fixed to the flanged section of the



air flow directing ring and extending across said ring to form a generally triangular shaped framework to receive the housing of the driving motor to hold the ends of the blades of the fan adjacent and rearwardly of the section of the ring of substantially the same diameter as the fan.

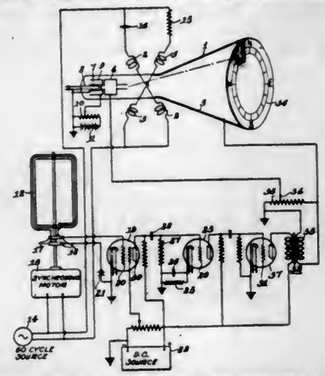
2,130,911
BUILDING UNIT
Charles G. Teunon, Trenton, N. J.
Application February 26, 1935, Serial No. 8,249
6 Claims. (Cl. 72—25)



1. A method for producing building units which comprises the steps of forming a base member of cementitious material, applying to one face of said base member before the cement of said base member has completely set, individual stone simulating elements formed of incompletely set and differently pigmented cementitious material, pressing said stone simulating elements into intimate contact with said base member and permitting said cement to set, whereby the stone simulating elements are permanently bonded to the base member.

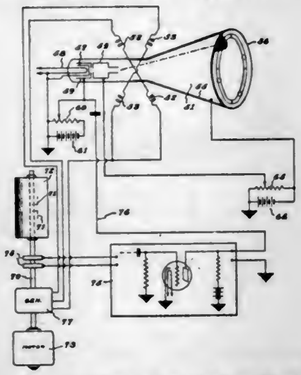
2,130,912
DIRECTION FINDER
William A. Tolson, Westmont, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application October 30, 1934, Serial No. 750,631
6 Claims. (Cl. 250—11)

1. In radio receiving apparatus the combination of a loop antenna, means for rotating said loop antenna, a cathode ray tube, means for generating a rotating field as said loop antenna is rotated, means for controlling the beam of said cathode ray tube in accordance with said rotating field and means for modulating said beam in ac-



cordance with signaling energy received over said loop antenna.

2,130,913
SYSTEM FOR THE COMMUNICATION OF INTELLIGENCE
William A. Tolson, Westmont, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application April 30, 1935, Serial No. 19,031
7 Claims. (Cl. 250—11)

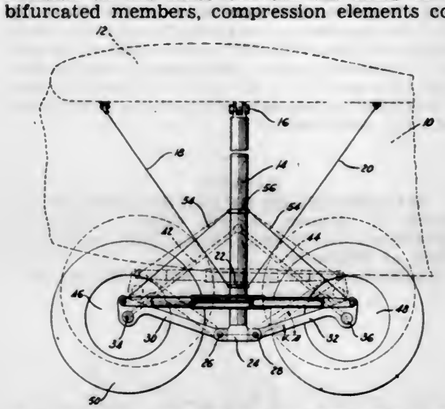


2. In radio receiving apparatus, the combination of an antenna system which has uni-directional properties, means for rotating said directional antenna, a cathode ray tube, means for producing a rotating electric field as said directional antenna is rotated, means for controlling the beam of said cathode ray tube in accordance with said rotating field and in accordance with signaling energy received over said antenna.

2,130,914
SHOCK STRUT
Kenneth W. Warren, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application September 14, 1931, Serial No. 562,624
Renewed January 12, 1937
3 Claims. (Cl. 244—103)

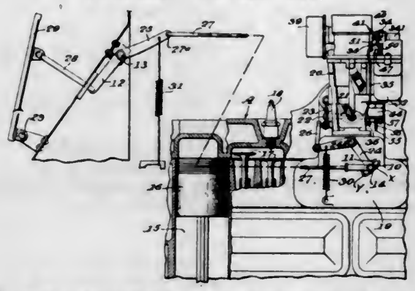
1. A landing gear comprising a rigid member, a clevis on one end of the member, a head on the other end of the member, bifurcated members pivotally connected to the head, axles supported by the bifurcated members, wheels positioned for

rotation on the axles between the arms of the bifurcated members, compression elements con-



necting the corresponding arms of the bifurcated members, and means for limiting movement of the compression elements in one direction.

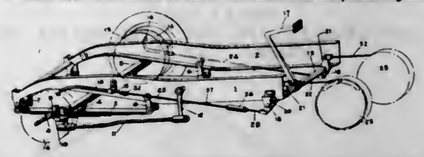
2,130,915
CARBURETOR CONTROL MECHANISM
Ralph H. Whisler, Halfway, Mich., assignor, by mesne assignments, to Carter Carburetor Corporation, St. Louis, Mo., a corporation of Delaware
Application October 13, 1934, Serial No. 748,197
3 Claims. (Cl. 137—139)



2. The combination of a carburetor having a throttle valve, means for actuating said throttle valve, a retarding device, means for actuating the retarding device independent of said throttle valve actuating mechanism, means for moving said retarding device to operative position, and means for connecting the retarding device to the throttle valve during the final portion of its closing movement for retarding the latter.

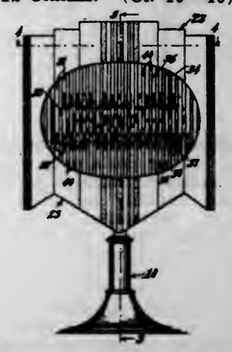
2,130,916
TENSION COMPENSATOR
Russell S. Begg, Cleveland, Ohio, assignor to The Midland Steel Products Company, Cleveland, Ohio, a corporation of Ohio
Application August 8, 1932, Serial No. 627,851
3 Claims. (Cl. 188—217)

1. The combination with a vehicle having a front axle induced to move upon retardation of the vehicle, front steering spindles mounted on the axle and each having a brake mechanism associated therewith, means tending to induce shifting of the spindles upon retardation of the vehicle, an operating member, connections between the operating member and each brake mechanism; of a yieldable member interposed in the connection between the brake operating member and one of said brake mechanisms, said yield-



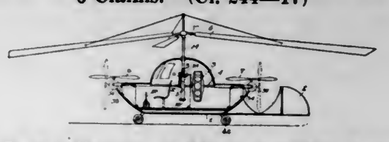
ing member being unyieldable under normal brake pressure and adapted to yield under more severe brake pressure to relieve braking pressure on the associated front wheel brake mechanisms.

2,130,917
DISPLAY SIGN
Joseph E. Bielski, Oak Park, Ill.
Application April 7, 1938, Serial No. 200,593
12 Claims. (Cl. 40—40)



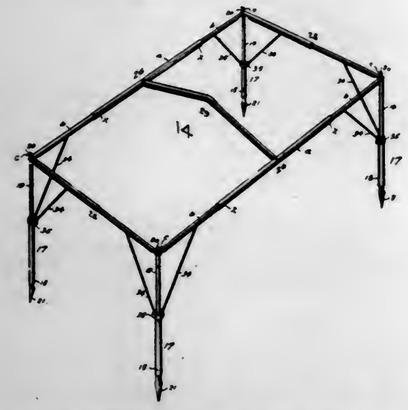
1. In a display sign, a light impervious wall with an opening and a corrugated panel adapted to pass light therethrough mounted over the opening, alternate corrugations having different characters thereon visible at different angles and both being visible intermediately and means to mount said panel to move to different angular positions.

2,130,918
HELICOPTER
John B. De Stefano, New York, N. Y.
Application October 9, 1937, Serial No. 168,190
6 Claims. (Cl. 244—17)



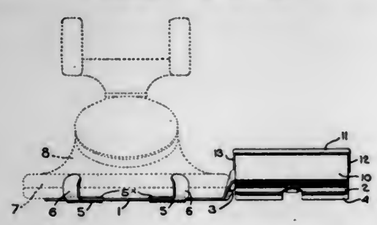
3. In a helicopter, a lifting propeller, a prime mover for causing the lifting propeller to function, a gondola, a propeller at each end of said gondola, and means for connecting the last-mentioned propellers with the prime mover, each of said means including a pair of large bevel gears, a small bevel gear continually meshing with the large bevel gears, a shaft carrying the propeller and the small bevel gear, a rotatable bearing for said shaft, said bearing having journal members extending through the center of said bevel gears, manually actuated means for rotating said bearing and means for disconnecting the power from said bevel gears when said bearing is being rotated.

2,130,919
COLLAPSIBLE TENT
Gunnar Erickson and Tage Berglund, Omaha, Nebr.
Application June 16, 1937, Serial No. 148,478
2 Claims. (Cl. 135—4)



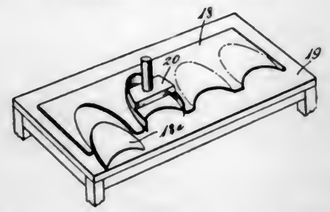
1. In a collapsible tent of rectangular form, a plurality of corner posts each consisting of a lower ground engaging tubular section, an upper tubular section slidably mounted in the first named section, horizontal collapsible frame-members of arcuate form in cross-section each provided in its channel with V-shaped apertured brackets and detachably secured at its ends to the upper tubular sections of a pair of relatively adjacent posts to form supports for a tent cover, and a pair of brace-rods each pivotally mounted on one of said lower tubular sections and having a terminal hook adapted to engage in the aperture of the nearest of said brackets, and a slotted sleeve slidable on said bracket for engaging and securing a brace-rod thereon.

2,130,920
MEMORANDUM-PAD HOLDER FOR TELEPHONES
Roy A. Faye, Watertown, Mass., assignor to Mays Manufacturing Company, Inc., a corporation of Rhode Island
Application July 6, 1936, Serial No. 88,993
1 Claim. (Cl. 45—58)



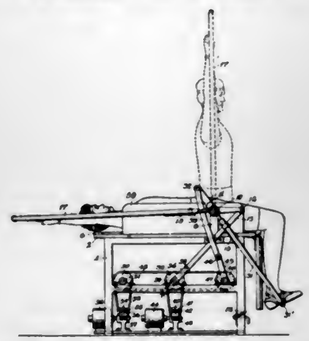
A memorandum-pad attachment for telephones comprising a single piece of flat metal plate having a curved base section provided with a plurality of upwardly extending inwardly curved ears to engage over the edge of the base of the telephone, a flat pad-holding section and an intermediate relatively narrow upwardly offset section of substantial length connecting said base section to substantially the middle of said pad-holding section without seam or joint, said offset section being provided with one side longer than the other for supporting said pad-holding section in suitably inclined relation to said base with a portion of the lower end of said pad-holding section lying substantially in the plane of the lower face of said base to prevent tilting of the attachment when the pad is used.

2,130,921
MANUFACTURE OF DRESS SHIELDS
Merrill E. Hansen, Akron, Ohio, assignor to American Anode Inc., Akron, Ohio, a corporation of Delaware
Application July 9, 1936, Serial No. 89,858
7 Claims. (Cl. 18—58)



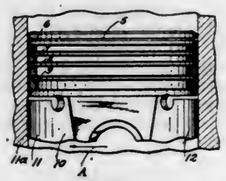
1. The method of making a rubber dress-shield plate which comprises producing, by deposition from a liquid dispersion of rubber upon a suitable form, a rubber deposit comprising two opposed sheet faces meeting along a seamless line of joinder defining an arcuate indentation, and cutting through the two faces along a continuous line extending from one point in the line of joinder of the two faces to another point in said line and enclosing a substantial area of each of the said sheets adjacent the said line.

2,130,922
PHYSICAL CULTURE MACHINE
William S. Hawley, Newark, N. J.
Application September 30, 1936, Serial No. 103,310
4 Claims. (Cl. 128—25)



1. A physical culture machine including a frame having a table at the top thereof adapted to receive the torso of a person, a swinging frame carried by the first mentioned frame, said table being adapted to receive a patient with his hips at the axis of said swinging frame, means including a spring for connecting the head of the person to the end of said frame opposite the pivotal end, and adjustable means for connecting the arms to the same end of said frame with the hands extending beyond the head.

2,130,923
PISTON LAND CONSTRUCTION
Frank Jardine, Cleveland, Ohio, assignor, by mesne assignments, to Cleveland Trust Company, Cleveland, Ohio, a corporation of Ohio, as trustee
Application April 16, 1936, Serial No. 74,736
18 Claims. (Cl. 309—10)



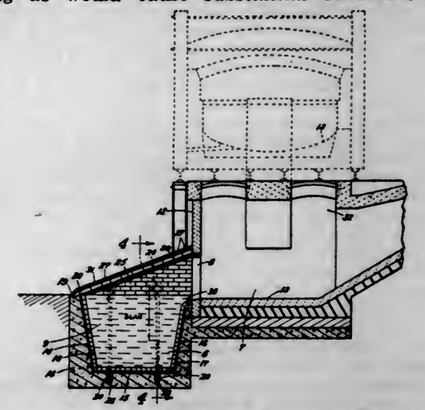
1. A piston for internal combustion engines comprising a skirt having wrist pin bosses therein, and thrust faces on an axis normal to the wrist pin axis, a head having a depending ring flange integrally formed with said skirt, said ring flange having a non-circular cross sectional contour having bearing portions arranged immediately adjacent the wall of the cylinder in which the piston operates at the pin boss axis and at the thrust face axis, and portions intermediate each of said bearing portions having a greater clearance with respect to the walls of the cylinder than said bearing portions.

2,130,924
COATING COMPOUND
Arthur W. Johnson and George H. Young, Pittsburgh, Pa., assignors to Stoner-Mudge, Inc., a corporation of Pennsylvania
No Drawing. Application February 5, 1937, Serial No. 124,236
6 Claims. (Cl. 134—26)

1. A thermally stabilized coating compound consisting of a polymer of a substance responding to the formula $CH_2=CH-X$, in which X is a substance of a group consisting of the halogens, the hydroxyl group, and the monocarboxylic acyloxyl groups, and a pitch containing at least one tar base boiling above 240° C. at atmospheric pressure, such tar base being present in a ratio not exceeding two parts of tar base to one hundred parts of the first named substance.

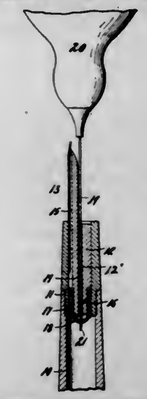
2,130,925
SLAG POCKET CONSTRUCTION
Irvin C. Johnston, Youngstown, Ohio, assignor to John M. Crowe, Fort Mitchell, Ky.
Application July 9, 1937, Serial No. 152,706
7 Claims. (Cl. 263—45)

1. The combination with a furnace having a main slag pocket for receiving slag produced during the operation of the furnace, of an apertured wall forming part of the furnace and constituting a part of the main slag pocket, an auxiliary slag pocket at one side of the apertured wall, and communicative with the main slag pocket through the aperture of the wall, said aperture having a high head of such proportions as to permit flame from the region of the main slag pocket to roll and lap materially into the interior of the auxiliary slag pocket for circulating and maintaining an intense heat in the auxiliary slag pocket and through the aperture which connects it with the main slag pocket, thereby to preclude any possibility of such chilling of the slag as would cause substantial solidification



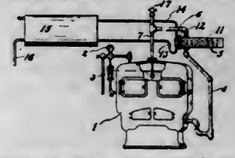
during movement of the slag from the main slag pocket into the auxiliary slag pocket.

2,130,926
FOUNTAIN PEN
William G. Nichol, Philadelphia, Pa.
Application July 15, 1937, Serial No. 153,812
4 Claims. (Cl. 120—46)



1. A fountain pen comprising a barrel, a feed section carrying the writing instrumentality, said feed section having a longitudinal passage therethrough, a resilient material nipple closing in the inner end of said feed section and adapted for penetration by a hollow-needle filler device.

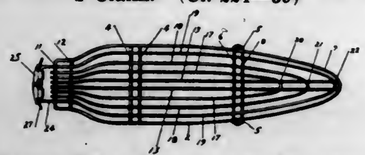
2,130,927
HEATING APPLIANCE
Harry M. Nobis, East Cleveland, Ohio
Application November 26, 1935, Serial No. 51,607
15 Claims. (Cl. 237—1)



1. A heating appliance comprising, a boiler or heater for containing a liquid to be heated and

having a normal surface level of liquid at a distance below the top of the boiler so that there is space in the boiler for both liquid and vapor, means for heating the liquid in the boiler, a radiator or heat convector communicating with the boiler at different levels below the surface level of the liquid in the boiler, said radiator being positioned on a level above the surface level of the liquid in the boiler, and means for continuously maintaining a supply of liquid from the boiler in the radiator including a liquid seal at the upper level of communication between said radiator and said boiler which is adapted to prevent gas and air bubbles rising in the liquid of the boiler from freely entering thereat, the liquid in the radiator being at a lower pressure than the liquid in the boiler.

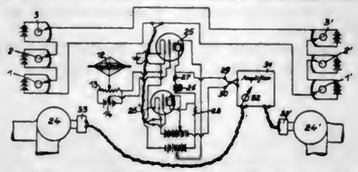
2,130,928
BICYCLE LUGGAGE CARRIER
Ewald F. Pawsat, Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated, a corporation of Kentucky
Application September 17, 1936, Serial No. 101,298
1 Claim. (Cl. 224—39)



A device of the character specified comprising a plurality of substantially oval frame wires, the front portions of said frame wires curving downwardly and terminating in upwardly extended cross elements, a plurality of cross wires having depending ends, said frame wires being secured to the outsides of the depending portions of said cross wires in vertically displaced relation to each other and so that the horizontal sections of said cross wires are above the uppermost frame wire, a looped wire having parallel sections extending substantially along the longitudinal axis of said frame wires, said looped wire being secured to the upper sides of said cross wires and to the upper sides of said cross elements, the rear end of said looped wire extending downwardly and being secured to the inner rear portion of said frame wires, a plurality of looped wires secured to the upper sides of said cross wires between said frame wires and said first mentioned looped wire, and being secured also to the upper sides of the cross elements of said frame wires, the outer of said last mentioned looped wires extending forwardly beyond said frame wires and being closed by a straight cross member at its front end, a clamp plate pivotally secured to said cross member, means whereby said clamp plate may be secured to the frame of a bicycle, and standards pivotally secured to the depending ends of said cross wires, the free ends of said standards being perforated so as to be secured on the rear axle of said bicycle, whereby said device is supported over the rear wheel thereof.

2,130,929
STABILIZING EQUIPMENT FOR VEHICLES, PARTICULARLY SHIPS
Yves André Rocard, Paris, France, assignor to Pollopas Patents Limited, London, England
Application April 16, 1935, Serial No. 16,699
In France April 18, 1934
11 Claims. (Cl. 114—122)

1. A stabilizing equipment for ships comprising a device for impressing a stabilizing couple upon the ship, means for measuring the couple of rolling and the angle of rolling, means for forming time derivatives and integrals of the couple and the angle of rolling, means for forming a linear function of the couple and angle of rolling and of their time derivatives and integrals and means for controlling said device to this linear function.

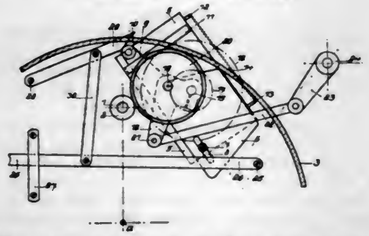


2,130,930
DRIP RECEPTACLE FOR ICE REFRIGERATORS
Donald F. Rose, Riverside, R. I., assignor of one-half to William P. Walkley, Providence, R. I.
Application October 5, 1937, Serial No. 167,369
3 Claims. (Cl. 62—31)



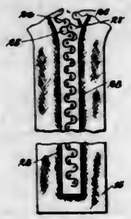
1. An ice box drip receptacle comprising a container having a bottom and side walls for accumulating drip water from ice, a vertical outlet conduit extending through a wall of said container and to a height above the inner surface of the bottom wall thereof, a second upwardly extending conduit opening to said container closely adjacent the inner surface of the bottom wall, and means providing a passage connecting the bores of said conduits and of such formation that a drop by drop filling of the container will eventually cause a syphonic flow of the water from the container through the outlet conduit.

2,130,931
DRIVE FOR RECORDING AND REPRODUCING DEVICES
Arno Rysick, Dresden, Germany
Application March 7, 1935, Serial No. 9,811. Renewed May 20, 1937. In Germany March 2, 1934
7 Claims. (Cl. 74—190)



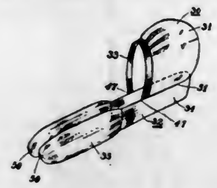
1. A drive for a recording and reproducing device for plates or discs, comprising a casing, a turntable in said casing, a driving edge on the circumference of the turntable, a driving motor in said casing, a movable carrier displaceably disposed on said casing, a bearing pin on said carrier, a lever pivoted on said bearing pin, a pair of friction wheels journaled on said bearing pin and a friction wheel journaled on said movable lever, said carrier being movable into and out of position to establish a driving connection from said motor through said pair of wheels to the driving edge of said turntable, said lever being effective to move the wheel thereon into and out of position to establish a driving connection from said motor to the said edge of the turntable.

2,130,932
METHOD OF MAKING SEPARABLE INTERLOCKING FASTENERS
Harry E. Sipe, New York, N. Y., assignor to Talon, Inc., a corporation of Pennsylvania
Application September 1, 1933, Serial No. 687,798
Renewed February 25, 1938
1 Claim. (Cl. 154—2)



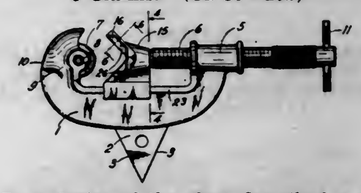
The method of making separable interlocking fasteners which comprises securing an elongated flexible strip to a relatively wide fabric tape, cutting through the longitudinal central portion of said tape and attached strip along a sinuous line to provide gear tooth-like projections and recesses on the opposing halves of the strip in staggered relation and adapted to intermesh one with the other, and said halves of the strips being left connected at one end thereof.

2,130,933
CAP AND SCARF ASSEMBLY
Vance Sweet, Cleveland, Ohio, assignor to Harold V. Ensten
Application September 2, 1937, Serial No. 162,225
10 Claims. (Cl. 2—203)



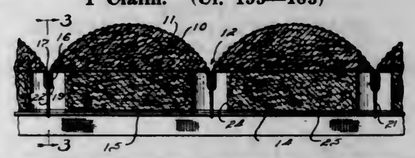
1. The method of making a double-walled cap and scarf assembly which comprises continuously knitting a scarf tube and severing said tube of such length as to make a neck part and a scarf part, flattening said scarf tube to make a double-walled thickness, continuously knitting a cap tube, severing said tube of such length as to make it substantially twice as long as the cap portion, folding the severed cap tube within itself for substantially one-half its length to make a tubular double-walled knitted cap portion, closing one end of the folded double-walled knitted cap tube, cutting the folded double-walled knitted cap tube longitudinally of its length, and fastening the cut longitudinal edges to the neck part of the scarf tube with the scarf part extending forwardly of the cap portion.

2,130,934
TUBING CUTTER
William O. Thewes, North Ridgeville, Ohio, assignor to The Ridge Tool Company, North Ridgeville, Ohio, a corporation of Ohio
Application November 4, 1935, Serial No. 48,113
6 Claims. (Cl. 30—102)



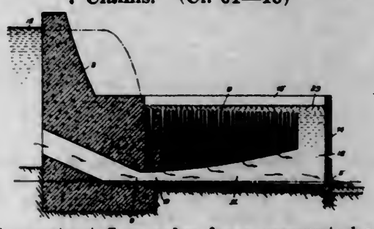
2. In a device of the class described, a frame, uninterrupted ways extending laterally from the frame and longitudinally along the frame, a screw journalled in one end of the frame, and a cutter wheel carried by the other end of the frame, a slide for engaging a tube disposed on said ways and comprising complementary sections, a face plate for said slide having tongues adapted to engage the opposite sides of the slide to retain the slide on the frame and permit assembly on the frame.

2,130,935
UPHOLSTERY
Russell R. Thompson, Detroit, Mich., assignor to The Murray Corporation of America, a corporation of Delaware
Application November 13, 1933, Serial No. 697,743
1 Claim. (Cl. 155—185)



A cushion assembly comprising a supporting structure, an upholstery unit covering said structure and attached thereto, said upholstery unit having inner and outer layers of padding, the inner layer having sockets formed therein and the outer layer having ridges provided with portions projecting into said sockets, and metal clips substantially V-shaped in cross section and having angularly disposed inwardly projecting teeth positioned within said sockets and secured to the projecting portions of the ridges and connecting them to said supporting structure.

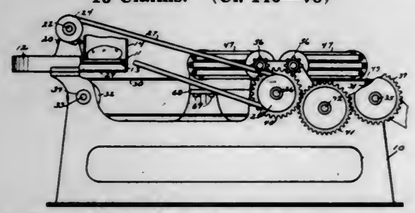
2,130,936
CONSTANT FLOW SPILLWAY
James Scott Thompson, Hackensack, N. J.
Application March 18, 1938, Serial No. 196,607
7 Claims. (Cl. 61—18)



4. A constant flow valve for a reservoir having a variable well including a Venturi provided with

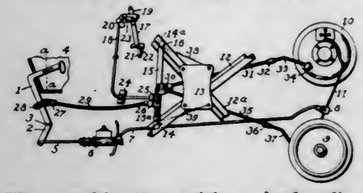
a throat, a conical shaped expansion section having the small end connected with said throat, and means for directing water into said throat and said section in a direction at right angles to the normal flow of water through said throat and section for reducing the velocity of the water passing through the throat and section.

2,130,937
MATERIAL CUTTING AND DICING MACHINE
William E. Urschel, Valparaiso, Ind.
Application March 15, 1935, Serial No. 11,229
13 Claims. (Cl. 146—78)



1. In combination, a slicer comprising means for slicing vegetables and fruit, a conveyor to receive the slices of vegetables and fruit, and a plurality of knives contiguous to said conveyor and movable in parallel paths with their edges at all times toward said conveyor, the edges one after another moving substantially into contact with said conveyor at the lowest point of their paths, and mounting means for said knives whereby said knives penetrate into and move with the slices of vegetable and fruit on said conveyor.

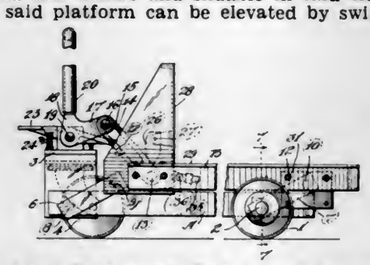
2,130,938
BRAKE-APPLYING MECHANISM
Herman Ullrich, Cedar Falls, Iowa
Application February 6, 1937, Serial No. 124,375
2 Claims. (Cl. 188—106)



1. The combination with a hydraulic brake mechanism and its hydraulically controlled brake drums and inclosed brake-heads, of a hydraulic pressure means, a pedal lever pivoted intermediate its ends, an operating connection between the lower end of the lever and said hydraulic pressure means, the latter being in operative association with said brake drums and brakes, mechanical operating devices for actuating the brake-heads and connected thereto independently, including an end-pivoted lever, and a flexible connection between said levers, and untensed to be tensed only when said hydraulic pressure means fail, whereby continued further movement of the pedal lever will first place under tension said flexible connection and then shift the end-pivoted lever and mechanical operating devices to set the brakes.

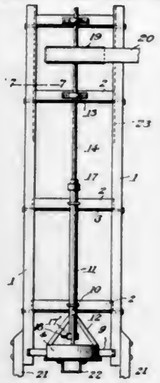
2,130,939
LIFT TRUCK
Arthur E. Williams, Jersey City, N. J., assignor to Henry S. Germond, Bayonne, N. J.
Application March 21, 1936, Serial No. 70,024
4 Claims. (Cl. 254—10)

1. An elevating truck comprising a wheeled main frame, an elevating platform mounted on said main frame for movement vertically upon being pulled forwardly, a pair of links pivoted at one end on said platform, one at each side thereof and having an elongated slot, and a handle having a pair of rigidly connected bell cranks pivoted to rotate about a horizontal axis on, and one at each side of, said main frame, and a cross rod connecting corresponding arms of said bell cranks and slidable in said slots so that said platform can be elevated by swinging



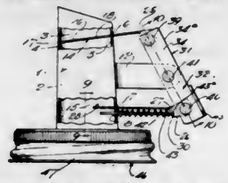
of said handle downwardly in one direction and engagement of the outer ends of said slots by said cross rod, and after elevation of the platform said handle may be swung upwardly and said cross rod may slide toward the other ends of said slots to permit the platform to descend with said links sliding idly over said cross rod without effecting movement of the handle, and means for releasably locking said platform in elevated position.

2,130,940
WATER LIFTING APPARATUS
Harry Witt, Wolf Point, Mont.
Application October 13, 1937, Serial No. 168,803
1 Claim. (Cl. 103—104)



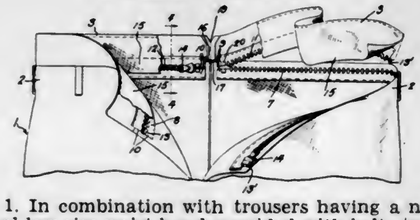
A water lifting apparatus for irrigation purposes, and comprising an elongated frame including side bars and cross bars bridging the side bars, a pump including a drum casing at the lower end of the frame and having intake openings in the upper and lower walls thereof, a rectangular trough providing guard means for the intake opening in the lower wall and fixed to the latter, said trough having a closed bottom and open ends, discharge means for the casing, bearings secured on the upper cross bars, a drive shaft mounted for rotation in the bearings and terminating at its lower end in the casing, a disk secured to the lower end of the shaft, vanes secured to and extending from the periphery of the disk, a housing for the lower portion of the shaft and fixed to the lower cross bars, means for fixing the casing to the housing and to the side bars, a pulley for driving the shaft and adjustably mounted thereon between the upper cross bars for axial movement, and said upper cross bars being adjustable for disposing the bearings for the shaft an equal distance upon opposite sides of the pulley.

2,130,941
DISPENSING DEVICE
Sherman Belveal, Delphos, Kans.
Application January 14, 1938, Serial No. 185,053
7 Claims. (Cl. 221—112)



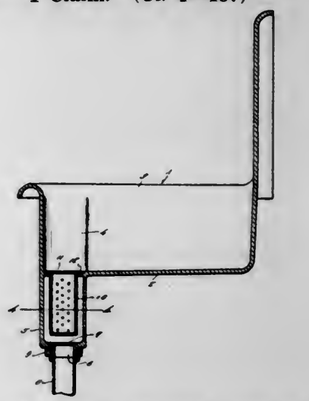
1. A dispensing attachment for the purpose set forth, including a spout formed with an outer and an inner slot arranged in spaced alignment, a reciprocatory measuring slide traveling through the outer slot and closing on one direction of its movement the spout and opening the spout on the other direction of its movement, a reciprocatory cut-off slide traveling through the inner slot and closing on one direction of its movement the spout and opening the latter on the other direction of its movement, said spout being formed with an opening inwardly of said inner slot, each of said slides having an extended apertured means centrally of its outer end, a reciprocatory carrier slidably mounted in said opening and extending into the spout, an upstanding lever pivotally supported from said spout, means for pivotally connecting the outer end of the lever to the apertured means on said measuring slide, means for pivotally connecting the lower end of the lever with said apertured means on the cut-off slide, said apertured means on the cut-off slide and said carrier having coacting parts for pivotally connecting the carrier with the cut-off slide, and a controlling spring mounted on the carrier and interposed between the spout and the apertured means on the cut-off slide.

2,130,942
TROUSERS WAIST BAND CONSTRUCTION
David Arthur Blumberg, Baltimore, Md.
Application April 20, 1937, Serial No. 138,059
2 Claims. (Cl. 2—236)



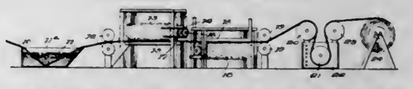
1. In combination with trousers having a normal low rise waist band provided with belt straps in the zone of said waist band, a high rise waist band adapted to be attached or detached with respect to said trousers at will, a pair of slide fasteners extending in opposite directions circumferentially from adjacent points at the middle front of the trousers to adjacent points at the middle back of the trousers, the cooperating halves of the string pieces of said fasteners being secured to the respective adjacent edge portions of said trousers and waist band with the disengageable prong and keeper of each slide fastener at the front, whereby the slides move backward in a fastening direction, said string pieces being secured to the inside of said trousers and waist band with the line of separation between their halves out of alignment with the meeting edges of said trousers and waist band.

2,130,943
SINK
Alfred A. Boisvert, Glasgow, Mont.
Application October 28, 1937, Serial No. 171,552
1 Claim. (Cl. 4—187)



A sink of the class described including a bottom wall and inclined side walls, one corner of the sink being formed with vertical walls of substantially semi-cylindrical shape in cross section, a cylindrical well depending from said corner of the sink with portions of its side walls forming continuations of the straight walls of said corner portion, a drain pipe connected to the bottom of the well, a removable screen in the bottom of the well covering the drain pipe, the bottom wall of the sink sloping to the well, a perforated receptacle supported in the well with its open top flush with the bottom wall of the sink, and a removable screen extending across the top of the receptacle.

2,130,944
FIBROUS TAPELIKE BODY AND METHOD OF MAKING SAME
Kenneth H. Bowen, Auburn, N. Y., assignor to Columbian Rope Company, Auburn, N. Y., a corporation of New York
Application April 20, 1936, Serial No. 75,490
7 Claims. (Cl. 154—2)



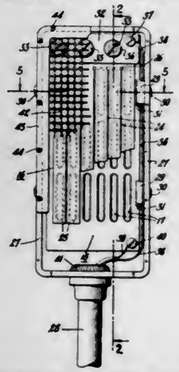
6. The method of forming a fibre band or tapelike body which comprises arranging a plurality of comparatively long fibres in substantial parallelism longitudinally of said body, displacing portions of individual fibres on the surface of the band and disposing said displaced portions transversely of said body in a plane substantially parallel to the surface of the band, and binding said fibres in a unitary body.

2,130,945
PORTABLE SIGN
Earl C. Brownell, Pasco, Wash.
Application December 21, 1937, Serial No. 181,038
2 Claims. (Cl. 40—11)



1. A portable sign of the class described, comprising a support formed from a single piece of wire, the inner free end of which is bent in circular form to provide one member of a clamp, thence bent at right angle and bent rearwardly and thence back on itself to form a companion member of a clamp, the wire being twisted on the right angular portion and extended forwardly and downwardly, and a sign supported on the downwardly extended portion, the two clamp members serving as a means to mount the device.

2,130,946
MICROPHONE
William A. Bruno, New York, N. Y.
Application December 29, 1936, Serial No. 118,134
13 Claims. (Cl. 179—111)



4. In a translating device, a condenser couple, having a back plate, said plate being coated with a dielectric of uneven surface, a diaphragm freely supported and contacting only the high points of said dielectric for preventing said diaphragm from clinging to said back plate, said diaphragm being slitted along a number of parallel longitudinally extending lines forming ribbons, said slits extending through one edge of the diaphragm so that the only connection the ribbons have with the diaphragm is at their upper edge, said diaphragm being secured to said plate solely at its upper end.

2,130,947
DIAMINE-DICARBOXYLIC ACID SALTS AND PROCESS OF PREPARING SAME
Wallace Hume Carothers, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 1, 1936, Serial No. 88,491. Renewed May 20, 1938. In Canada May 25, 1935
18 Claims. (Cl. 260—501)

1. A salt derived from the reaction of a diamine of the formula $H_2NCH_2RCH_2NH_2$ and a dicarboxylic acid of the formula

$$HOOCCH_2R'CH_2COOH,$$

in which R and R' are divalent hydrocarbon radicals free from olefinic and acetylenic unsaturation and in which R has a chain length of at least two carbon atoms.

2,130,948
SYNTHETIC FIBER
Wallace Hume Carothers, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 9, 1937, Serial No. 136,031
56 Claims. (Cl. 18—54)

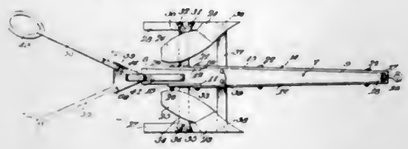
33. A process for making synthetic fibers from polyamides derived from diamines and dibasic carboxylic acids which comprises spinning a filament from said polyamide and subjecting said filament to cold-drawing under tension until it shows by characteristic X-ray diffraction patterns orientation along the fiber axis.

2,130,949
CITRUS FRUIT KNIFE AND SEED EXTRACTOR
Campbell Wharton Collens, New Orleans, La.
Application January 23, 1937, Serial No. 122,059
1 Claim. (Cl. 30—24)



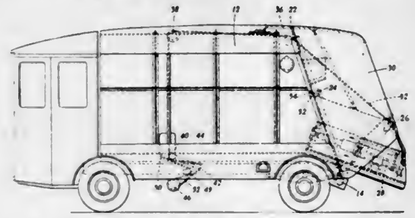
A citrus fruit knife comprising a pair of blades, a barrel forming a handle and having an extension formed with a slot, a pivot connecting said blades together and to said extension with said slot to prevent movement of said blades relative to said handle, and a spring clip straddling said blades and coacting therewith to maintain said blades in operating position and detachable from said blades to permit a spreading of said blades for cleaning.

2,130,950
REVERSIBLE PLOW
Benjamin F. Deaver, Breckenridge, Tex.
Application February 25, 1938, Serial No. 192,616
10 Claims. (Cl. 97—26)



1. In a reversible plow, a right and left plowshare, a beam carrying supporting means for said shares, a handle structure pivotally connected to the beam for selective relation with said right and left plowshares, spring controlled latching members for and carried by said structure, and stationary keeper elements supported from said beam and having spaced means for selective coaction with said latching members for latching the handle structure in selective relation with respect to a plowshare.

2,130,951
LOADING APPARATUS FOR VEHICLES
Charles Kearns Edwards, London, England, assignor to Fernand Rey, Seine et Oise, France
Application May 3, 1937, Serial No. 140,502
In Great Britain May 2, 1936
8 Claims. (Cl. 214—67)
(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)



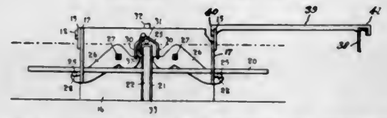
1. A vehicle comprising a receptacle one side of which is open for filling and discharge, a door hinged thereto and arranged to close a part of the open side of the receptacle, an extension of said door normally closing the remainder of the open side of the receptacle, a loading apparatus carried by said extension and means for moving said extension upon said door towards the hinge thereof whereby when the door is opened the extension does not project materially beyond the edge of the door.

2,130,952
MANUFACTURE OF DERIVATIVES OF PARAFFIN WAX
David William Ferguson Hardie and Charles Ockrent, Liverpool, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application July 2, 1937, Serial No. 151,764. In Great Britain July 1, 1936
10 Claims. (Cl. 260—660)

1. A process for the manufacture of new chlorinated derivatives of paraffin wax which comprises reacting chlorinated paraffin wax having a chlorine content of at least about 20% with alcoholic alkali so as to obtain unsaturated derivatives of paraffin wax and then chlorinating the said unsaturated derivatives with elemental chlorine to a chlorine content of at least about 40%.

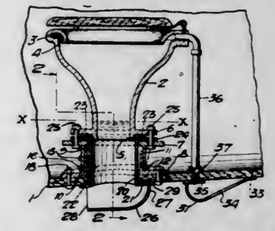
7. As new products resin-like chlorinated paraffin wax containing 50 to 60 per cent of chlorine.

2,130,953
DOWEL BAR AND EXPANSION JOINT STRIP HOLDER
Joseph William Heltzel, Warren, Ohio
Application April 10, 1935, Serial No. 15,714
7 Claims. (Cl. 94—51)



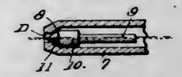
1. In a dowel bar and expansion joint strip holder, a frame having a cross piece therein, said cross piece having an intermediate slot opening through the lower edge thereof to receive a joint strip therein, said cross piece having a recess at the upper end of said slot, said frame having transversely alined seats for receiving cross bars therein, longitudinal bars disposed at opposite sides of the frame, a pair of arms pivotally mounted on the cross piece with outer ends for engaging the longitudinal bars to support the same and said transverse bars in the seats, and a double cam slidably disposed in said recess of the cross piece with cam portions in sliding contact with the upper ends of said arms for operating the same upon the shifting of the double cam.

2,130,954
WATER CLOSET FOR BOATS
Edward Hoerichs, Baltimore, Md.
Application March 26, 1937, Serial No. 133,236
3 Claims. (Cl. 4—10)



1. A water closet for boats comprising a bowl having means for mounting it in a boat and having a discharge pipe at its lower end extending directly downwardly therefrom to below the water line of the boat, said discharge pipe being open at its lower end beneath the bottom of the boat hull and providing a body of water in the lower portion of the bowl, and a member adapted for attachment to the under side of the bottom of the hull beneath the open end of the bowl discharge pipe and operative to prevent splash of water into said discharge pipe, said member being open at its rear side and operative by the action of the water thereon during the forward motion of the boat, to withdraw refuse from the bowl.

2,130,955
VALVE
Rudolph Hoffman, Rocky River, Ohio, assignor to American Stove Company, St. Louis, Mo., a corporation of New Jersey
Application August 26, 1937, Serial No. 161,149
3 Claims. (Cl. 251—29)

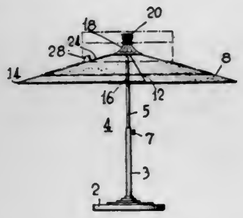


1. An improved arrangement of an ordinary tapered valve and tapered valve seat, comprising a housing provided at one end with a valve seat, a revolvable valve stem carrying a tapered valve said valve stem being rotatably mounted in said housing for moving the said tapered valve towards and away from said valve seat, said tapered valve arranged out of axial alignment with said valve seat, whereby said valve when rotated to open and closed positions causes a scouring action on different parts of said valve seat and said valve to prevent accumulation of foreign matter on either, said valve engaging different parts of said tapered valve seat when the valve is opened and closed.

2,130,956
DEVICE FOR HOLDING HATS
Georgina F. Jonitz, Quincy, Mass.
Application May 9, 1935, Serial No. 20,701
10 Claims. (Cl. 211—33)

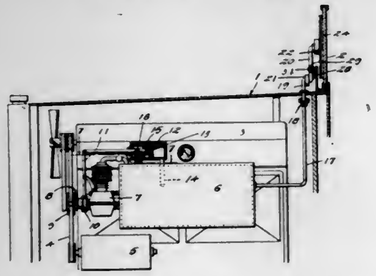
5. In a hat stand, a base portion, a vertical upright secured to said base, a substantially horizontal circular member secured to said upright,

a relatively stiff but bendable disc of substantially circular shape, said disc having a central aperture for receiving said upright and a slit extending radially from the aperture to a point on the periphery of the disc, said disc being disposed on said upright so as to be supported by



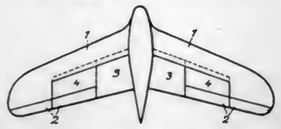
said horizontal member, the portions of said disc adjacent said slit being overlapped to impart to said disc a flat cone shape, the degree of overlap of said portions controlling the angle of inclination of the sloping surfaces of said disc, and means for retaining said disc in any predetermined shape of cone.

2,130,957
WINDSHIELD WIPER
Carl E. Kingsley, Newport, Oreg.
Application September 7, 1937, Serial No. 162,734
1 Claim. (Cl. 15—250)



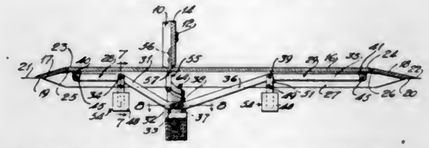
In a windshield wiper assembly, a pneumatic means supply pipe adapted to be fixed to a motor vehicle and having an end section extending adjacent to and exteriorly of the windshield of said vehicle, a second pipe having an end section pivotally connected to said end section of said first mentioned pipe and adjustable relative to the latter and said windshield, a motor mounted on the opposite end section of said second mentioned pipe and adapted to be rotatably actuated by pneumatic means functioning through said pipes, a squeegee connected to said motor for rotation thereby over the exterior face of said windshield to effect wiping of a predetermined area of the latter, a bracket adapted to be mounted on said motor vehicle adjacent said windshield and formed with an arcuate shaped upper portion fashioned with a plurality of spaced openings, a clip secured to said second mentioned pipe, and a pin slidably mounted in said clip and extending through one of said openings for maintaining said second mentioned pipe in adjusted position relative to said windshield, said pin operable for engagement with other of said openings whereby to adjust said squeegee for rotation over other areas of said face.

2,130,958
LANDING FLAP ON AIRCRAFT
Max Kramer, Berlin Adlershof, Germany
Application July 24, 1937, Serial No. 155,544
In Germany July 27, 1936
7 Claims. (Cl. 244—42)



1. A tail-less aircraft, including wings having slotted landing flaps at the inner part of each wing, said flaps having a chord dimension of about 50% to 60% of the wing profile, in combination with means for closing the slot in neutral position.

2,130,959
DOOR ACTUATING MECHANISM
John R. Kyle, South Charleston, W. Va.
Application August 24, 1937, Serial No. 160,714
4 Claims. (Cl. 268—35)

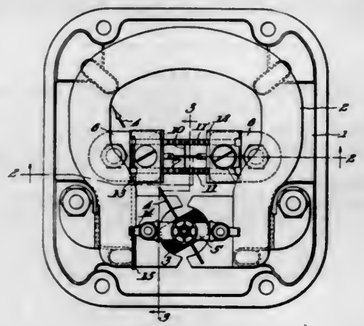


1. In an opening and closing mechanism for double doors, a depressible platform over which the doors are to be simultaneously shifted to and from closed position, a pair of spaced aligned open top combined guide and retainer casings of polygonal contour positioned below and adjacent to the sides of the platform, a pair of oppositely disposed pressure elevated and gravity lowered non-revoluble actuating members including vertical upper portions of arcuate contour and weighted vertical lower portions of polygonal contour slidably mounted in said casings, each of said upper portions being disposed substantially diagonally of the top of a lower portion and being formed circumferentially thereof with an inclined slot and a laterally disposed lug below the slot, upstanding oppositely disposed revoluble turning elements for and adapted to be fixed to the doors, said elements including shafts carrying flanged rollers travelling downwardly and upwardly in and coacting with the walls of said slots to provide respectively for said elements opening and closing the doors, and an actuatable pivotally supported means slidably connected to said lugs, pivotally connected to said platform and actuated in a direction on the depressing of the platform to elevate said members to revolve said elements in a direction to open the doors.

2,130,960
ELECTRICAL MEASURING INSTRUMENT
Francis X. Lamb, East Orange, N. J., assignor to Weston Electrical Instrument Corporation, Newark, N. J., a corporation of New Jersey
Application February 14, 1936, Serial No. 63,971
5 Claims. (Cl. 171—95)

1. An electrical measuring instrument adapted for use in the presence of high frequency fields, comprising a base, an indicating system on said base including a pointer and a coil through which direct current flows to actuate the pointer, a pair of terminals carried by said base, and co-

axially arranged leads connecting said terminals to said coil, whereby the pick-up of parasitic cur-



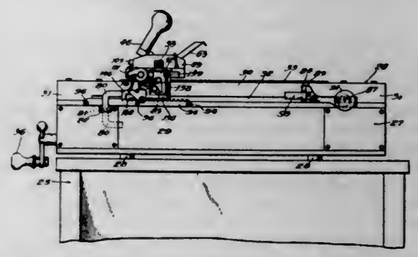
rents from high frequency electric and magnetic fields by said leads is negligible.

2,130,961
BEAN AND CLOVER SEED DRIER
William Leggett, Sandusky, Mich.
Application January 26, 1937, Serial No. 122,436
1 Claim. (Cl. 211—29)



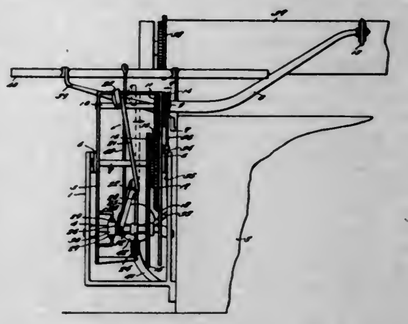
A drier comprising a rod to be inserted centrally into a stack of clover growth and having one end insertable into the ground for disposing said rod vertically, a circular shaped plate formed on the rod and abutting the stack of clover growth and spaced a limited distance from the ground and having openings spaced from the edges thereof, a plurality of rod-like arms engaging the stack by extending radially from said plate and having the outer ends thereof bent angularly and disposed vertically to embed into the stack of the clover growth and cooperate with the plate in limiting the downward movement of the stack of clover growth on the rod toward the ground, said arms resting on the plate and having portions offset to extend through the openings and engage the under face of the plate, and adapted to permit said arms to be slid in the openings and bring the angularly related outer ends into engagement with the top face of the plate for supporting said arms in a depending position from the plate and grouped about the rod when the stack of clover growth is removed from the rod and the latter from the ground.

2,130,962
DUPLICATING MACHINE
Alfred Marchev, La Grange, and Hubert Jagger, Chicago, Ill., assignors to Ditto, Incorporated, Chicago, Ill., a corporation of West Virginia
Application April 1, 1937, Serial No. 134,320
20 Claims. (Cl. 101—133)



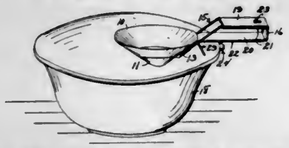
1. In a duplicating machine, a frame, a bed plate, a carriage mounted for reciprocation over said bed plate, a platen roller for pressing copy sheets against a duplicating surface disposed over said bed plate, a lever pivotally mounted in said carriage and rotatably journalling said platen roller, said lever being adapted to be oscillated to bring said platen roller into and out of its functionally operative position, a toothed member on said frame, a plurality of levers carried by said carriage and engageable with the teeth of said toothed member, and means responsive to oscillations of the first-mentioned lever and cooperating with said plurality of levers for advancing said carriage in a step by step manner over said bed plate whereby an impression is taken of only a fragmentary portion of said duplicating surface on one copy sheet and an impression of only another fragmentary portion of said duplicating surface is taken on another copy sheet.

2,130,963
TYPEWRITER ERASER
Elie A. Mercereau, Port Hammond, British Columbia, Canada
Application December 16, 1937, Serial No. 180,251
4 Claims. (Cl. 197—181)



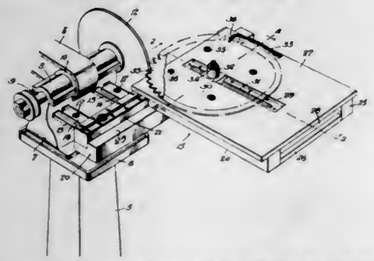
2. An eraser for typewriters of the type including a rotary platen, comprising a supporting structure attached to the typewriter, an eraser rotatably mounted on said supporting structure and engageable with the work on the platen, and common means for rotating the eraser and for rotating the platen to position the work thereon for contact by said eraser.

2,130,964
EGG SEPARATOR
William J. Minkiewitz, Salem, Oreg.
Application August 20, 1937, Serial No. 160,161
1 Claim. (Cl. 146—2)



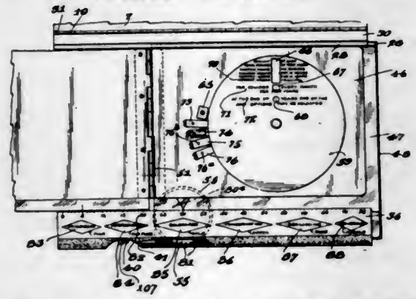
An egg separator comprising a funnel, a cup on the bottom of the funnel, a spring grip having parallel members provided with terminal portions intersecting each other and one of the terminal portions being connected to the funnel while the other terminal portion is connected to the cup, the parallel portions of the members being adapted to be moved toward each other by closing of the operator's grip thereupon to move the cup away from the funnel, a rearwardly projecting member on the lowermost parallel member adapted to engage the inner surface of a bowl, and a forwardly extending member on said parallel member adapted to engage the outer surface of a bowl.

2,130,965
TOOL SUPPORT
Richard C. Porter, Wakefield, Mass.
Application August 2, 1937, Serial No. 157,050
1 Claim. (Cl. 76—43)



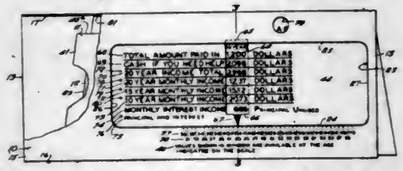
A device of the character described, comprising, in combination, a tool dresser having a rotatable dressing element; and a tool support comprising a bed having laterally extending brackets adjustably secured to said dresser whereby to adjust said support laterally relative to said element, said bed fashioned with a longitudinally extending shoulder having an upper face, a longitudinally extending arm on said bed adjacent said shoulder and movable therewith and adjustable lengthwise relative thereto, laterally extending spaced sill members secured to said arm above said shoulder for supporting and sliding engagement with the upper face of said shoulder, a tool table slidably mounted on said sill members for transverse movement over said arm and bed and fashioned with an elongated slot, a sleeve for positioning a saw on said table, collars carried by said table and adapted to support a saw and maintain the latter in spaced relation with the upper surface of said table, a plate slidable within said elongated slot and connected to said sleeve and said table whereby to adjust a saw relative to the end of said table adjacent said dressing element, a stop adjustable on said bed for limiting the movement of said table towards said dressing element, and a latch on said table coacting with said sleeve whereby to secure the saw in locked position on said table to effect a dressing of a desired tooth of said saw, said table formed with a subjacent section slidably engaging said sill members for guiding the travel of said table to work achieving position.

2,130,966
APPARATUS FOR DISPLAYING INFORMATIONAL INDICIA
Ralph P. Ross, Dallas, Tex., assignor, by mesne assignments, to Installment Securities Agency, Inc., Minneapolis, Minn., a corporation of Minnesota
Application July 9, 1936, Serial No. 89,840
9 Claims. (Cl. 35—24)



1. In an apparatus for displaying informational indicia, a housing formed of a cover section and a body section hingedly connected together, one of said sections having on its inner face a pair of oppositely disposed aligned grooves, a bodily slidable indicia carrier of book-like form including a front, a back and a pair of leaves hingedly connected together, the said back adapted to have detachably connected thereto a slotted data designating card, the innermost leaf and said back being of greater area than the other leaf and said front and slidably mounted in said grooves for connecting the carrier to the housing, one of said grooves of said pair being of greater depth than the other one, the said grooved section being formed with visible scale forming means, a rotatable toothed disc bodily carried by and extended from said back, traveling in the groove of greatest depth and carrying selectable indicators for coaction with said means, a rack secured to the base wall of the groove of greatest depth engageable by the teeth of said disc for revolving the latter, and said grooved section having means to allow for the exposure of the indicators selected on the revolving of said disc to coact with said means.

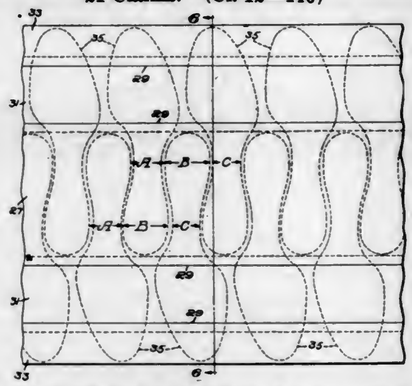
2,130,967
DEMONSTRATING DEVICE
Ralph P. Ross, Dallas, Tex.
Application April 13, 1937, Serial No. 136,682
10 Claims. (Cl. 35—24)



1. In a demonstrating device, an outer element constituting a housing formed of front, rear, top and bottom walls open at each side and being provided with a window, a two-fold

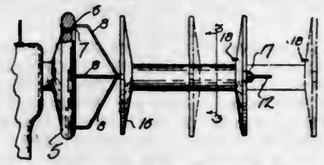
intermediate element housed within and slidably adjustable relative to said outer element, said intermediate element having its bend permanently bearing against said top wall, the major portion of the width permanently exposed through said means and being provided with a window of less area than said other window and an inner element positioned within and extended from one end of said intermediate element and adapted to have a selected portion thereof, when said intermediate element is adjusted, exposed by the windows of the said outer and intermediate elements, said inner element permanently bearing against said bottom wall and said bend and said outer element being provided with means in one of its walls whereby the outer and inner elements may be held stationary by an operator when adjusting said intermediate element.

2,130,968
INSOLE BLANK AND METHOD OF MAKING INSOLES THEREFROM
Arthur C. Sewall, Auburn, Maine
Application January 3, 1938, Serial No. 182,952
21 Claims. (Cl. 12—146)



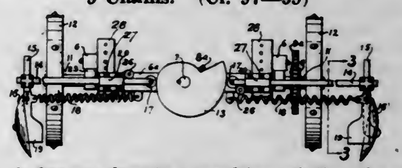
1. The method of forming a multiplicity of insoles having relatively stiff heel and shank portions and relatively flexible ball portions which comprises forming a sheet having a zone of the material of which the heel and shank portions are formed, and, at each of opposite sides of said zone and contiguous therewith, zones of the material of which said ball portions are formed, and cutting from said sheet a multiplicity of the insoles in such wise that the heel and shank portions of all said insoles so cut are formed of the first mentioned zone while the ball portions of adjacent insoles are formed of the zones at opposite sides respectively of said first mentioned zone.

2,130,969
SEWING MACHINE ATTACHMENT
Edward C. Shoup and Sybil A. Holicraft, Riverside, Calif.
Application January 24, 1938, Serial No. 186,737
2 Claims. (Cl. 117—1)



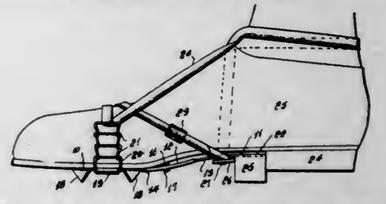
1. In a device of the character described, a spool, means for securing said spool to a rotating member and in axial alignment therewith, said spool having a twisting point connected thereto and extending therefrom and in axial alignment with said spool, and means for holding material to be twisted by said spool, whereby rotation of said spool will effect a twisting of the material.

2,130,970
FURROW DAMMING IMPLEMENT
Russell H. Smith, Quanah, Tex.
Application October 6, 1936, Serial No. 104,243
5 Claims. (Cl. 97—55)



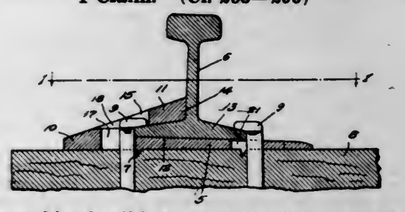
1. A furrow forming machine of the character specified comprising a frame, a plunger carrying a disc scraper slidably mounted on the frame and having a coacting projection connected therewith, means for horizontally moving the scraper outwardly, and means for effecting the quick return of the scraper so that it moves a portion of earth across the furrow to form a dam.

2,130,971
ADJUSTABLE NONSLIP
Earl D. Snyder, Albany, Ill.
Application March 10, 1938, Serial No. 195,169
2 Claims. (Cl. 36—7.7)



1. A device of the class described having a plate provided with depending spurs, a shank extending forwardly from the plate, a bar beneath the plate and engaging said spurs, a fastening passing through the shank and bar, and a securing strap held in place between said shank and bar.

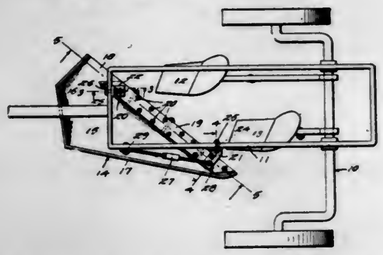
2,130,972
COMBINED BRACE AND TIE PLATE
Frank D. Spencer, Skelton, W. Va.
Application December 2, 1936, Serial No. 113,895
1 Claim. (Cl. 238—293)



A combined rail brace and tie plate comprising a base plate gradually increased in thickness from the inner edge thereof to its outer edge, a lip integral with the thicker end portion for the

full width thereof and extending towards the inner end of the plate in overhanging relation thereto, said lip gradually increasing in thickness towards its free end, said lip defining a recess under the lip and having a flat edge face for abutting engagement with a side face of the web of a rail when a rail is set upon the base plate with a side portion of its base extending into the recess and overlapped by the lip, a shoulder for engaging a side edge of the rail base under the attached end of said lip, spike receiving openings formed through the thicker portion of said plate with their inner ends intersecting said shoulder and their upper portions enlarged to provide spike-head receiving pockets extending beyond said shoulders into the lip and forming openings exposing portions of the rail base for gripping engagement by spike heads, and other spike receiving openings formed through the thin portions of the base plate.

2,130,973
CHOKELESS DRAG FEED
William H. Spindler, Chillicothe, Ohio
Application March 24, 1938, Serial No. 197,920
6 Claims. (Cl. 97—193)



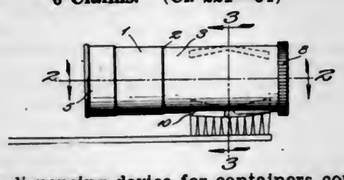
1. A device of the class described comprising a horizontally disposed blade, a beam secured to and extending along a portion of the upper side of said blade, and supporting members secured to said beam and projecting upwardly therefrom and adapted to be removably secured to the frame of a gang plow to mount the device in front of the shares of the plow.

2,130,974
ATTACHMENT FOR TAILBOARD SCRAPERS
George Swain Spreyer, Fallon, Nev.
Application December 1, 1937, Serial No. 177,602
4 Claims. (Cl. 37—179)



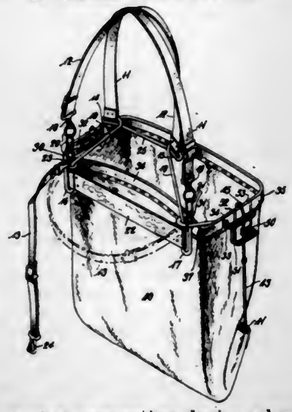
1. A device of the character described, comprising, in combination, a scraper having a tailboard, a latch mounted on said tailboard, and a pair of oppositely disposed yokes pivoted to said tailboard, one yoke having an end member for engagement with the surface of the ground whereby to pivot said tailboard to dumping position, the other yoke having an end member engageable by said latch in a manner whereby said latch will actuate said yokes to ground engaging position for effecting a dumping of said scraper.

2,130,975
DISPENSING CLOSURE FOR CONTAINERS
William R. Stevens, Laurel, Md.
Application December 28, 1937, Serial No. 182,097
6 Claims. (Cl. 221—64)



1. A dispensing device for containers comprising a cylindrical body, a sleeve fittingly mounted with respect to the body, said sleeve and body being rotatably associated and each having outlet means therein for the passage of the contents of the container therethrough, the outlet means of one being arranged diagonally for cooperation with respect to the outlet means of the other for progressive registration therewith, from one end of the latter outlet means to the other end thereof, and a vane for the diagonally disposed outlet means to act as baffle means to direct the contents to the said other outlet means.

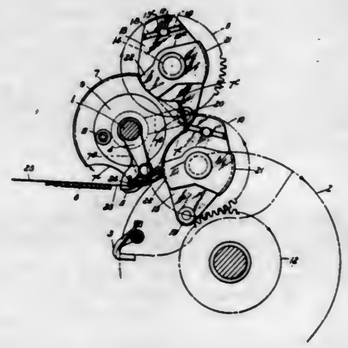
2,130,976
HARVESTING DEVICE
Henry D. Stone, Entiat, Wash., assignor of one-half to Harvey F. Stone, The Dalles, Oreg.
Application March 20, 1936, Serial No. 69,966
10 Claims. (Cl. 150—2)



1. In a basket supporting device adapted to be worn by a harvester, the combination of a basket, a basket-frame to which the mouth of the basket is secured in an open position, a substantially U-shaped supporting member adapted to be worn across the chest of the harvester and having a waist-band extending across the open ends thereof, projecting arms supported adjacent the open ends of said member and extending outwardly therefrom and means for pivotally supporting said frame by said projecting arms.

2,130,977
SHEET-FEEDING MECHANISM FOR PRINTING AND ANALOGOUS MACHINES
Ernest Arthur Timson and Charles Hillingdon Dickinson, Kettering, England
Application March 22, 1937, Serial No. 132,388
In Great Britain April 24, 1936
9 Claims. (Cl. 271—53)

1. Sheet feeding mechanism comprising, in combination, a support for sheets, a rotating drum, grippers associated with said drum, oscillatory grippers adapted to take sheets from said support and transfer them to the grippers associated with the drum, a feed arm shaft having thereon arms adapted to carry the oscillatory



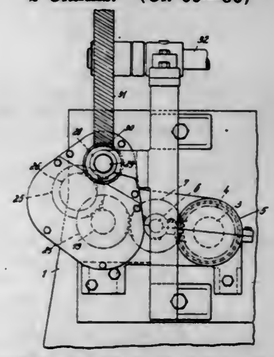
grippers, a driven wheel of a Geneva motion secured to said shaft and driving means including two revolvable parts adapted to rotate said driven wheel first in one direction and then the other through a fractional part of a revolution, for the purpose described.

2,130,978
FOUNTAIN PEN
Joseph White, Comstock, N. Y.
Application February 29, 1936, Serial No. 66,465
6 Claims. (Cl. 120—42)



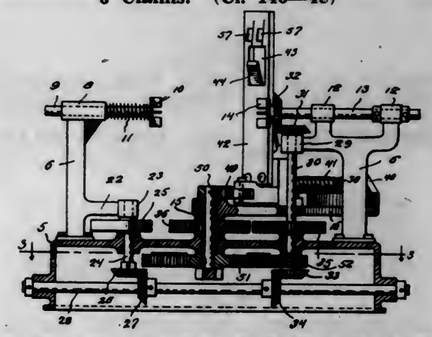
1. A fountain pen comprising a barrel, ink carrying reservoirs supported within said barrel, a feeding head, a pen point supported by said feeding head, means for selecting and controlling an ink to be fed from said reservoir to said pen point, said means comprising a disc having discharge parts rotatably mounted within said feeding head, a cone-shaped valve rotatable with and spaced from said disc and having grooves adapted to align with the discharge parts in said disc, an eccentric member depending from and integral with said cone-shaped valve and means within said barrel for rotating said disc and valve.

2,130,979
PATTERN WHEEL DRIVE FOR WARP KNITTING MACHINES
Emil Herbert Wirth, Hartmannsdorf, near Chemnitz, Germany
Application April 5, 1938, Serial No. 200,234
In Germany June 19, 1937
2 Claims. (Cl. 66—86)



1. In a pattern wheel drive for warp knitting machines having exchangeable intermediate toothed wheels, a casing, a bearing sleeve arranged in said casing, a shaft journalled in said bearing sleeve, a toothed wheel carried by said shaft, an intermediate driving gear wheel kinematically connected to a toothed wheel mounted upon a cam shaft, a regulating device having two concentric guide slots and a radial slot shifted upon said bearing sleeve, a head bolt adjustably arranged in said radial slot, a sleeve fixed to said head bolt, two toothed wheels carried by said sleeve and engaging a small toothed gear mounted on said bearing sleeve and a toothed wheel fixed upon a worm shaft respectively.

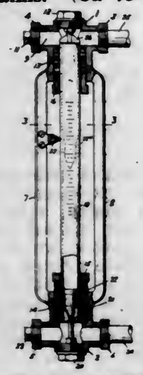
2,130,980
FRUIT PEELING MACHINE
Jewel H. Chattin and James G. Clements, Tampa, Fla., assignors of one-fifth to William E. Thompson, Hillsborough County, Fla.
Application October 29, 1937, Serial No. 171,763
3 Claims. (Cl. 146—43)



1. A peeling machine including means for holding the article to be peeled, a swinging carriage, means for rotating the article, means for automatically swinging the carriage back and forth with an interval of rest between the arrival of the carriage to its extreme position in one direction and movement of the carriage in the opposite direction, a cutter mounted on the carriage and movable therewith, yieldable means

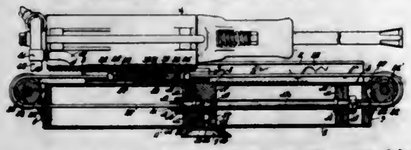
urging the cutter toward the article, positively driven means acting against said yieldable means to automatically shift the cutter away from the article during said period of rest, means to automatically releasably latch the cutter in such shifted position, and means to automatically release the latching means upon approach of the carriage to its extreme position in the other direction.

2,130,981
ROTAMETER
Adelbert K. Fischer and Gustav B. Petsche, Philadelphia, Pa., assignors to Schutte & Koerting Co., Philadelphia, Pa., a corporation of Pennsylvania
Application December 11, 1937, Serial No. 179,272
2 Claims. (Cl. 73—209)



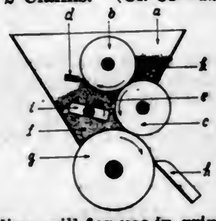
1. In a rotameter the combination of not less than two solid columns and two heads integral with the ends of the columns, said heads provided with glands and packings and with spaces beyond the inside of the packings and glands, a tapering transparent tube parallel with the columns and removably mounted in said glands and packings and provided with a float, the wall of one of said spaces provided with a removable threaded element having a float support that enters the tube when assembled and stops short of the gland, thereby permitting removal of the tube.

2,130,982
ROCK DRILL
Elmer G. Gartin, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application March 6, 1934, Serial No. 714,314
6 Claims. (Cl. 121—9)



1. In a rock drilling mechanism, the combination with a rock drill and guiding means therefor, of a feeding mechanism for feeding the rock drill in either of opposite directions along said guiding means including alined feed cylinders arranged alongside and parallel with said guiding means, feed pistons individual to and reciprocable in said feed cylinders respectively, means for connecting said pistons for movement in unison, a speed multiplying means common to both directions of movement of the drill and operatively connected to the drill for feeding the latter along said guiding means at a speed faster than the rate of movement of said feed pistons and including an element movable alongside said feed cylinders in a direction parallel with said guiding means, a flexible transmission connection between one feed piston and said element of said speed multiplying means, a separate flexible transmission connection between said other feed piston and said element of said speed multiplying means, and means for supplying pressure fluid selectively to said feed cylinders to act on one or the other of said feed pistons to effect drill feed selectively in opposite directions along said guiding means.

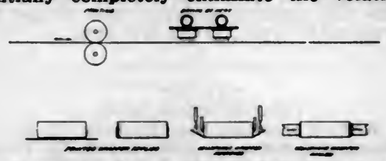
2,130,983
GRINDING MILL
Willy Köhler, Neckarhausen/Ladenburg-on-the-Neckar, Germany, assignor to Joseph Voegle A. G., Mannheim, Germany
Application April 5, 1934, Serial No. 719,177
In Germany April 10, 1933
2 Claims. (Cl. 83—12)



2. A grinding mill for use in grinding generally fluid material possessing undesirable volatile constituents, said mill including three grinding rolls cooperating to provide two grinding pairs between which all of the material is passed in succession, the adjacent surfaces of the rolls constituting the first grinding pair travelling in the same direction, an open chamber in constant communication with the atmosphere, said chamber being disposed in proximity to the discharge from the first grinding pair, and being also disposed in proximity to the intake of the second grinding pair, and a rotary stirrer for agitating the material in said open chamber and for releasing said undesirable volatile constituents therefrom, said stirrer being disposed within said chamber and transversely spaced from the surfaces of the said rolls and the adjacent chamber walls, and rotatable about an axis generally parallel to the axes of said rolls, the direction of rotation of said stirrer being opposite the direction of rotation of the first grinding roll, and said stirrer having a surface movable into proximity to said grinding rolls to feed the material passed between the first grinding pair towards the bite of the second grinding pair, whereby the material discharged from between the first grinding pair and entering said open chamber will be moved by said stirrer towards the bite of the second grinding pair along a path other than the shortest route.

2,130,984
CIGARETTE PACKAGE AND METHOD OF MAKING THE SAME
Louis M. Larsen, Rutherford, N. J., assignor to Interchemical Corporation, a corporation of Ohio
Application January 21, 1937, Serial No. 121,560
1 Claim. (Cl. 93—2)

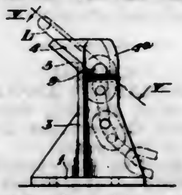
The method of manufacturing a cigarette package which comprises applying to an inner wrapper a coloring composition consisting of a pigment, a normally solid binder, and a volatilizable solvent, treating the wrapper thus produced to substantially completely eliminate the volatilizable solvent, applying a "Cellophane" wrapper to the package, and sealing the ends of the "Cellophane" wrapper with a solvent, said binder being substantially insoluble in said last-mentioned solvent.



2,130,985
PROCESS OF PREPARING THYROXIN
Carl Ludwig Lautenschläger, Willy Ludwig, and Paul von Mutzenbecher, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application March 9, 1937, Serial No. 129,964. In Germany March 13, 1936
5 Claims. (Cl. 260—518)

1. Process of preparing thyroxin which comprises gradually adding in small portions iodine in a quantity which in all is not sufficient for the complete iodination of the protein to an aqueous solution of protein of a pH-value of about 7 to about 9 and at a temperature of about 40° C., separating the thyroxin from the iodinated protein by hydrolysis, precipitating it with an acid and purifying it by recrystallization.

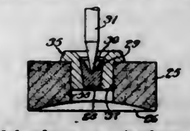
2,130,986
CHAIN CRADLE
Thomas Marriott, Fayette City, Pa., assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey
Application August 22, 1936, Serial No. 97,452
4 Claims. (Cl. 248—127)



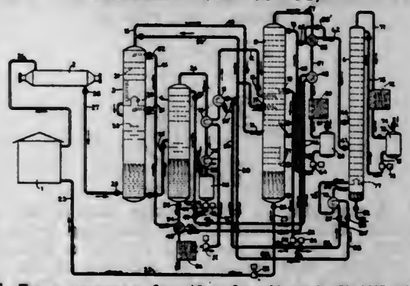
1. A chain-link holder, of integral construction comprising a base portion, an upright body secured to said base portion, an inclined rest for receiving the terminal link of a chain supported by said body adjacent the upper extremities thereof, a shelf extending outwardly from the lower extremities of said rest for giving end bearing to such link, wall portions connecting said rest and said shelf, said wall portions being provided with inwardly disposed flanges adjacent the edges thereof remote from said rest for closely embracing such link.

2,130,987
ABRASIVE DEVICE FOR TRUING SPHERICAL SURFACES
George W. Person and Sherwood F. Prescott, Worcester, Mass., assignors to Norton Company, Worcester, Mass., a corporation of Massachusetts
Application May 27, 1937, Serial No. 145,072
3 Claims. (Cl. 51—209)

2. A truing tool comprising an annular, substantially cylindrical body of abrasive grains and a bond united as an integral structure, one side face of which is shaped to provide an annular zone having a partial spherical surface the center of which surface lies in the axis but outside of the cylindrical body, a centering device having a recess located axially on the opposite side of the cylinder from said spherical surface and cementitious material securing the centering device within the body so as to provide a universal pivotal support for a centering guide.



2,130,988
TREATMENT OF HYDROCARBON OILS
Joseph K. Roberts, Hammond, Ind., assignor to Standard Oil Company (Indiana), Chicago, Ill., a corporation of Indiana
Application July 27, 1933, Serial No. 682,458
Renewed December 6, 1935
10 Claims. (Cl. 196—94)



4. In a process for the fractional distillation of materials of relatively wide boiling range wherein heated vapors are subjected to fractionation in a first fractionating zone for the formation of condensate of a relatively high boiling nature and resulting fractionated overhead products subjected to further fractionation in a second fractionating zone for the separation of a relatively low-boiling condensate from lower boiling constituents, the improvement which comprises subjecting said relatively low boiling condensate in said second fractionating zone to reboiling by indirect contact and heat exchange with a regulated quantity of the higher boiling condensate from said first fractionating zone thereby cooling the latter, and returning such cooled condensate after said heat exchange, to said first fractionating zone.

2,130,989
CARBOXYLIC ACIDS OF CAPILLARY ACTION CONTAINING ISOCYCLIC RING-SYSTEMS AND A PROCESS OF PREPARING THEM
Kurt Schimmelschmidt, Frankfort-on-the-Main-Hochst, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application December 4, 1935, Serial No. 52,929. In Germany December 7, 1934
4 Claims. (Cl. 260—514)

1. The products of the following formula:

$$R_1A(CH_2)_3COOH$$

wherein R_1 means a member of the group con-

sisting of alkyl and cycloalkyl radicals containing at least 3 carbon atoms and A means a hexahydrogenated benzene radical being colorless, liquid to solid bodies dissolving in dilute caustic alkali solutions to strongly foaming liquids.

2,130,990

CHLORO-ARYL ETHERS OF ETHYLENE GLYCOL

Gerald H. Coleman and George B. Stratton, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

No Drawing. Application April 28, 1937, Serial No. 139,582
4 Claims. (Cl. 260—613)

1. An ether having the general formula

$$Y{-}O{-}CH_2CH_2{-}O{-}Y$$

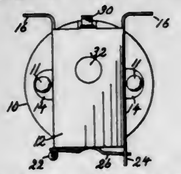
wherein Y represents a nuclear chlorinated aromatic hydrocarbon radical of the benzene series.

2,130,991

ELECTRIC ALARM

Bert J. Anderson, Hammond, Ind.

Application April 20, 1936, Serial No. 75,266
2 Claims. (Cl. 177—7)



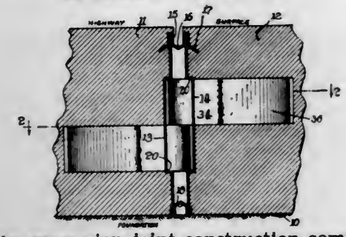
1. A stamping in combination with a dry cell operated electric alarm, said stamping being U-shaped in cross section and having a plurality of securing lugs formed of portions of the top edge thereof, a lug extending inwardly from the top edge of the stamping, said lug being adapted to contact and provide a ground connection with the top edge of a dry cell, an apertured ear on each edge of the open side of said U-shaped stamping, a pair of downwardly projecting lugs formed of the lower edge of said U-shaped stamping, one of said lugs being notched to receive the end portion of a cross member, and a cross member hingedly secured to the other downwardly projecting lug.

2,130,992

LOAD-DISTRIBUTING EXPANSION JOINT FOR ADJACENT SOLID SECTIONS

Ralph W. Clemmons, Chicago, Ill.

Application April 8, 1936, Serial No. 73,227
21 Claims. (Cl. 94—18)



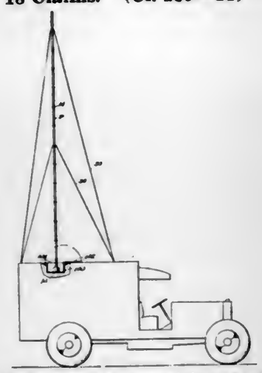
1. An expansion joint construction comprising two adjacent units, a plurality of adjacent separate and spaced pairs of superposed load-bearing lugs with one member of each pair carried by the opposing units, each pair having one lug bearing slidably on its companion, and each unit having at least two lugs capable of bearing in opposite directions on its companion lug, and another pair of like lugs similarly mounted and related, but inverted with respect to the first pair.

2,130,993

COLLAPSIBLE ROD

William Dubilier, New Rochelle, N. Y.

Application October 16, 1936, Serial No. 105,944
In Great Britain July 2, 1936
18 Claims. (Cl. 189—14)



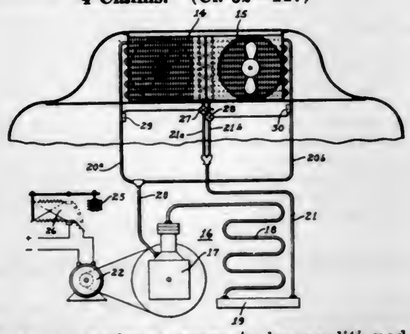
1. A collapsible rod comprising a plurality of resilient metal tapes each arranged to be wound into a roll, said tapes forming a hollow cylinder with each tape constituting one side of the cylinder, a plurality of discrete supporting members spaced at predetermined intervals along said rod for holding together the engaging sides of the adjacent tapes, means for winding and unwinding said tapes in unison, and further means cooperating with said last means for simultaneously releasing and applying said supporting members, whereby said rod may be collapsed and extended.

2,130,994

REFRIGERATING APPARATUS

Charles F. Henney, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application April 18, 1934, Serial No. 721,173
4 Claims. (Cl. 62—117)



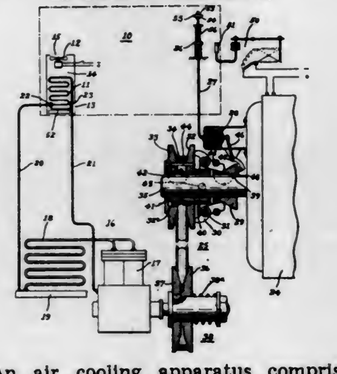
1. A car having a space to be conditioned, a plurality of cooling means intermediate the ends of said space and located in the upper part of the space, oppositely directed blowers transversely disposed to blow air over said cooling means in opposite and transversely disposed directions in the upper part of the space, the arrangement of said blowers and cooling means being such that air circulated flows in its cooled condition in the upper part of said space, means responsive to refrigeration conditions for independently controlling the cooling effect of said cooling means, and separate means for jointly controlling the effect of said cooling means.

2,130,995

REFRIGERATING APPARATUS

Charles F. Henney, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application April 20, 1934, Serial No. 721,512
12 Claims. (Cl. 62—6)



10. An air cooling apparatus comprising a compartment to be cooled, an evaporator cooling air for said compartment, a compressor and condenser connected to said evaporator in refrigerant flow relationship, an electric motor, a variable ratio drive between said motor and compressor, and means for adjusting said drive in accordance with air conditions in said compartment.

2,130,996

COPPER-ZIRCONIUM-MANGANESE ALLOY

Franz R. Hensel and Earl I. Larsen, Indianapolis, Ind., assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware

No Drawing. Original application September 15, 1937, Serial No. 164,032. Divided and this application May 27, 1938, Serial No. 210,442
4 Claims. (Cl. 75—161)

1. An alloy composed of 0.05 to 5% zirconium, 0.1 to 30% manganese and the balance copper.

2,130,997

PROCESS FOR THE TREATMENT OF ABIETYL COMPOUNDS AND PRODUCTS PRODUCED THEREBY

Edwin R. Littmann, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware

No Drawing. Original application June 12, 1936, Serial No. 84,877. Divided and this application September 9, 1936, Serial No. 100,039
20 Claims. (Cl. 260—103)

17. The method of treating a rosin ester which includes contacting a rosin ester at an elevated temperature and in liquid phase with a hydrogenation catalyst in the absence of added substances capable of reducing the unsaturation of the rosin ester whereby the unsaturation of the rosin ester is reduced.

2,130,998

METHOD FOR THE PREPARATION OF CELLULOSE ETHERS

Eugene J. Lorand, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application May 24, 1937, Serial No. 144,540
5 Claims. (Cl. 260—152)

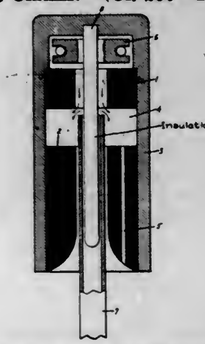
1. The method for the preparation of alkyl ethers of cellulose which includes uniformly incorporating a controlled quantity of water in cellulose, by conditioning said cellulose in air of 100% humidity until substantial equilibrium is obtained, and then etherifying the moist cellulose by treating it at reaction temperatures with an alkyl halide and an alkali.

2,130,999

ELECTRIC CIRCUIT INTERRUPTER

Franz Petermichl, Berlin-Charlottenburg, Germany, assignor to General Electric Company, a corporation of New York

Application February 15, 1937, Serial No. 125,918
In Germany February 28, 1936
6 Claims. (Cl. 200—149)



1. An electric circuit interrupter of the gas expulsion type comprising relatively movable contacts, and a casing including insulating structure for substantially enclosing and confining the arc formed at said contacts along a substantially longitudinal path upon opening of the circuit, said casing being closed at one end at which initial contact separation takes place, said insulating structure forming adjacent said closed end an expansion chamber arranged directly to be vented to a low pressure area for the interruption of comparatively large currents and a restricted longitudinal passage adapted to communicate with said expansion chamber, the arc formed at said contacts being initially drawn through said expansion chamber and subsequently in the case of a persisting arc through said restricted passage, said insulating structure adjacent to the point of initial formation of said arc in said expansion chamber and in said restricted passage being composed of a material adapted to emit an arc-extinguishing gas when subjected to said arc.

2,131,000

ELECTRIC CIRCUIT INTERRUPTER

Franz Petermichl, Berlin-Charlottenburg, Germany, assignor to General Electric Company, a corporation of New York

Application June 3, 1937, Serial No. 146,253
In Germany June 25, 1936
6 Claims. (Cl. 200—149)

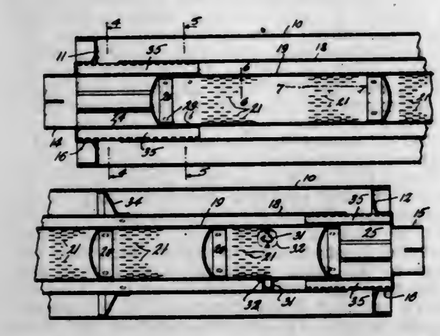
1. An electric circuit breaker of the gas expulsion type comprising relatively movable contacts

and insulating means forming an elongated pressure-confining arc chamber within which separation of said contacts takes place, the walls of said chamber being in confining relation to the arc formed upon opening of the circuit and composed of a material adapted to yield an arc-extinguishing gas when subjected to said arc, said chamber having an intermediate pressure exhaust opening



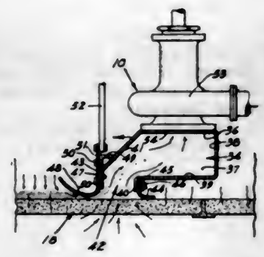
controlled by one of said contacts spaced a predetermined distance from the point of initial contact separation corresponding to the separation required for the interruption of comparatively large load currents, and means forming an exhaust chamber communicating by way of said exhaust opening with said arc chamber, said exhaust chamber being in concentric relation to and substantially surrounding said arc chamber.

2,131,001
MUFFLER
Felix E. Prochnow, Buffalo, N. Y., assignor to Buffalo Pressed Steel Company, Buffalo, N. Y.
Application November 13, 1936, Serial No. 110,701
16 Claims. (Cl. 181—59)



1. A muffler having an inner perforate shell having its end portions closed to form therein an inner resonator chamber, an intermediate shell arranged about said inner shell and forming therewith a passage for gases and sound waves, an outer shell surrounding said intermediate shell and forming therewith an outer resonator chamber, communicating with said passage and means extending transversely of said outer resonator chamber to substantially interrupt the passage of gases therethrough.

2,131,002
FILTER BED CLEANER
Philip B. Streander, Maplewood, N. J., assignor to Underpinning & Foundation Co., Inc., New York, N. Y., a corporation of New York
Application July 16, 1937, Serial No. 153,935
7 Claims. (Cl. 210—114)



1. A device for cleaning the filter bed of a liquid filter of which the filter bed has a hard surface at its receiving face, said device being movable along said hard surface and comprising a chamber having an opening adjacent to said hard surface and with the leading edge of said opening spaced from said hard surface to admit the collected solids, flexible sealing means around the side edges and trailing edge of said opening and engaging said hard surface to effect a seal and suction means connected with said chamber and adapted to draw filtrate back through said bed and said opening and withdraw the solids at said opening through the chamber, said flexible sealing means comprising a flexible strip having a fluid tight connection with the side edges and trailing edge of said opening and extending outwardly over the filter surface whereby suction through said chamber draws the outwardly extending strip toward said filter surface and produces an effective seal.

2,131,003
PAPER DRINKING CUP
Louis V. Lucia, West Hartford, Conn., assignor to Lucup Corporation, a corporation of New York
Application May 8, 1935, Serial No. 20,383
4 Claims. (Cl. 229—53)



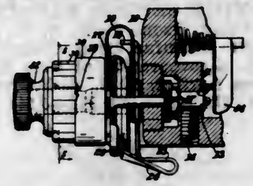
4. A cup of the character described constructed from a blank of sheet material comprising a body portion having a lower portion terminating in a point at the bottom of said blank, side portions, the said side portions being folded into overlapping position upon the said body portion in a manner whereby the said lower portion of the body portion is exposed; said lower portion, together with the lower portion of each of said side portions, being folded upon said overlapping side portions and into contact therewith.

2,131,004
FILTER ELEMENT AND METHOD OF MAKING THE SAME
Harvey D. Austin, Akron, Ohio, assignor to The Hamlin Metal Products Company, Akron, Ohio, a corporation of Ohio
Application October 3, 1935, Serial No. 43,378
13 Claims. (Cl. 210—203)



1. A filtering unit comprising a layer of matted vegetable fibres, and a layer of comminuted hard maple wood in juxtaposition therewith so as to be penetrated in succession by the liquid to be filtered.

2,131,005
TENSION DEVICE FOR SEWING MACHINES
Daniel H. Chason, Elizabeth, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application April 21, 1936, Serial No. 75,524
6 Claims. (Cl. 242—150)

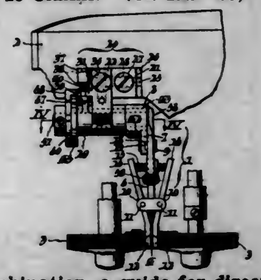


1. A tension device for sewing machines comprising, an arbor, a pair of tension disks carried by said arbor, two cup-shaped members mounted on said arbor and having telescopic cylindrical flanges, one of said cup-shaped members having a series of apertures in its base portion, and an adjusting nut carried by said arbor and having a pin which is adapted to enter a selected aperture in said last-mentioned cup-shaped member.

2,131,006
TREATMENT OF ORES
Reginald S. Dean, Washington, D. C., assignor, by mesne assignments, to Chicago Development Company, Chicago, Ill.
No Drawing. Application January 8, 1936, Serial No. 58,111
12 Claims. (Cl. 75—3)

1. The method of preparing oxide ores for reduction which comprises forming non-carbonaceous, non-molded glomerules of finely divided oxide ores and heating said glomerules, without being subjected to breaking stresses, to a temperature of between approximately 500° C. and the melting range of the ore to produce hard, porous, non-fused, welded masses having considerable mechanical strength.

2,131,007
FABRIC GUIDE FOR SEWING MACHINES
Hans Hacklander, Tinley Park, Ill., assignor to Union Special Machine Company, Chicago, Ill., a corporation of Illinois
Application September 12, 1936, Serial No. 100,428
15 Claims. (Cl. 112—20)



1. In combination, a guide for directing fabric to the stitch-forming instrumentalities of a sewing machine; means for supporting the guide for movement to and from operative position; and camming latch means for holding the guide in active and retracted positions with capacity for yielding under pressure exerted directly upon the guide to permit movement thereof from one position to another.

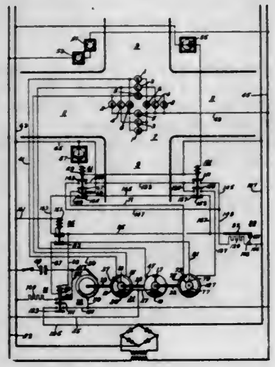
2,131,008
PROCESS OF MAKING PHENYL MERCURIC NITRATE
James H. Hibben, Washington, D. C., assignor to Carl Maisel, Montclair, N. J.
No Drawing. Application August 5, 1933, Serial No. 683,902
5 Claims. (Cl. 260—433)

1. The process of producing substantially pure phenyl mercuric nitrate comprising reacting an organic phenyl mercuric salt dissolved in a water-miscible organic solvent with a light-insensitive inorganic nitrate whose cation forms a relatively soluble compound with the acid radical of the phenyl mercuric salt, and then adding water to precipitate the phenyl mercuric nitrate so formed.

2,131,009
TRAFFIC SIGNAL
Richard C. Hitchcock, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania
Application May 6, 1931, Serial No. 535,366
3 Claims. (Cl. 177—337)

1. In a traffic control system for a plurality of highways of the type incorporating a plurality of stop and go signals to be displayed for said highways, means for energizing said signals, means to be vehicle actuated, said means including photo-sensitive means and means for producing a beam of radiant energy to be intersected by vehicles moving along said highways to normally energize said photo-sensitive means and means cooperating with said energizing means and said photo-sensitive means to vary the time of display of said signals; means to respond to the number of interruptions of said beam of radiant energy by

vehicular traffic and coacting with said cooperating means to control the extent to which said cooperative means influences said energizing means thus to control the extent to which the



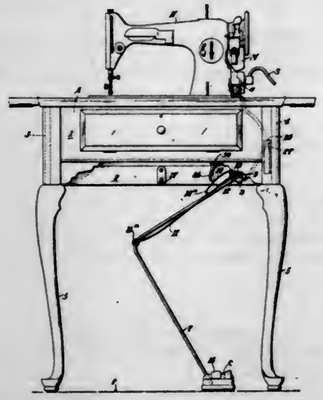
time of display of said signals is varied and means to produce the effect of interruptions of said beam at a predetermined rate on said interruption-responsive means when said beam is continuously interrupted for a predetermined interval of time.

2,131,010

ELECTRIC SEWING MACHINE CABINET

Richard Kaier, Cranford, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey

Application December 29, 1936, Serial No. 118,035
2 Claims. (Cl. 311—16)



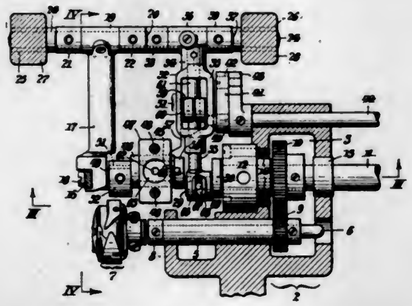
2. The combination with a sewing machine cabinet, of an electric motor driven sewing machine mounted thereon; a motor-controller adapted selectively to be placed on a floor beneath the cabinet for foot actuation or to be placed within the cabinet for knee actuation; a conductor cord connecting said motor-controller with the electric motor of the sewing machine; and means including a pivotally mounted spring actuated cord take-up arm having a portion embracing said cord substantially midway between said motor and said controller for automatically forming a loop in said cord and moving it to a substantially concealed position when the motor-controller is lifted from the floor to be placed within the cabinet; and stop means to limit the movement of said take-up arm.

2,131,011

FEED MECHANISM FOR SEWING MACHINES

Harold J. Le Vesconte, Western Springs, and Clarence C. Smith, Chicago, Ill., assignors to Union Special Machine Company, Chicago, Ill., a corporation of Illinois

Application January 30, 1936, Serial No. 61,472
20 Claims. (Cl. 112—215)



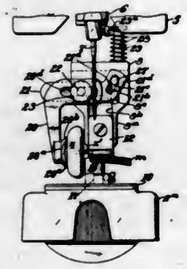
1. Feed mechanism for sewing machines and the like comprising a feed dog and a carrier therefor; and means for imparting feed and lift movements to the feed dog including a rocker, a rotary actuator, a pitman connecting the rocker with the rotary actuator, an oscillating shaft, a link connecting an arm on said shaft with the pitman, and a link connecting a crank on said shaft with an underreaching arm on the feed dog carrier.

2,131,012

BUTTON SEWING MACHINE

Michael McCann, Ozone Park, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey

Application April 3, 1936, Serial No. 72,460
12 Claims. (Cl. 112—114)



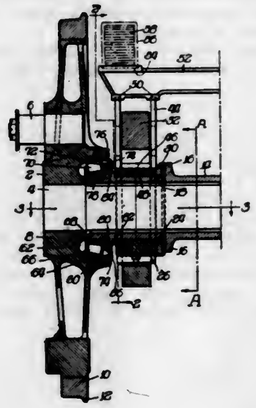
1. A button-clamp for shank-type buttons comprising a supporting arm, a button-supporting foot carried thereby and provided with a button-shank receiving aperture, a button-holding lever pivotally mounted on said supporting arm and adapted to engage the head of the button to hold the shank thereof in said aperture, and means to adjust a portion of said button-holding lever bodily relative to said supporting foot to compensate for variations in thickness of the button-heads.

2,131,013

LOCOMOTIVE DRIVING WHEEL ROLLER BEARING UNIT

Alfred H. Oelkers, Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill., a corporation of New Jersey

Application January 28, 1935, Serial No. 3,732
8 Claims. (Cl. 105—79)



6. In a locomotive a main frame having pedestal jaws, an equalizing system comprising elliptic springs at opposite sides of said frame, a spring seat supporting said springs, a rotating axle, wheels fixed thereon, a normally non-rotating axle, anti-friction bearings mounted on the ends of said non-rotating axle in engagement with said wheels, bearing blocks positioned on said non-rotating axle, and load carrying saddle members seated on said blocks respectively and providing support at the opposite ends of said non-rotating axle for said spring seat.

2,131,014

AUTOMATIC SHOCK ABSORBER ADJUSTING MECHANISM

Roy S. Sanford, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware

Application October 29, 1932, Serial No. 640,313
23 Claims. (Cl. 188—2)



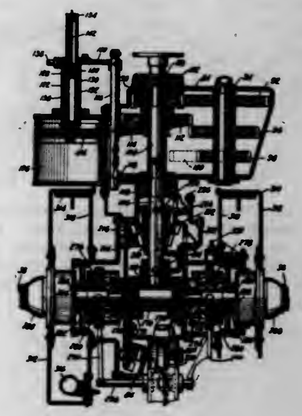
1. In mechanism of the class described, brakes, means for applying the brakes, front shock absorbers, rear shock absorbers, means for varying the checking resistance of each set of absorbers, and means coupled with the brake applying means and the check resistance varying means automatically operable on movement of the brake actuating means to increase the checking resistance of the front set of absorbers.

2,131,015

VEHICLE

Roy S. Sanford, New York, N. Y., and Montgomery W. McConkey, South Bend, Ind., assignors to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware

Original application February 6, 1932, Serial No. 591,427. Divided and this application October 22, 1934, Serial No. 749,358
6 Claims. (Cl. 74—334)



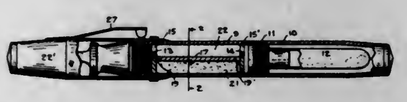
1. A vehicle comprising an engine having a source of differential fluid pressure, an accelerator pedal, driving wheels, means to transmit power from the engine to the driving wheels, said means including a change-speed mechanism positioned between the wheels operable to transmit power from the engine to the driving wheels as a direct drive when operating in second and high speeds, power means including a differential fluid pressure actuated motor to selectively actuate the speed-change mechanism, and means including a heel actuated pedal positioned adjacent the accelerator pedal for actuating said power means.

2,131,016

FOUNTAIN PEN

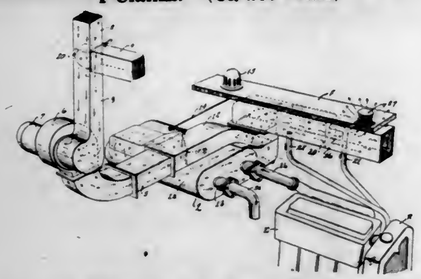
Casimir Fiore, Brooklyn, N. Y., assignor to Edward Gumbel, Woodside, N. Y.

Application April 8, 1937, Serial No. 135,680
1 Claim. (Cl. 120—42)



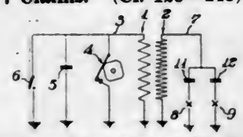
In a pen of the character described, a partition in the barrel thereof cut away at both ends, a screw threaded disc in said barrel against the lower ends of said partition and a hole through said disc, fillers in the cut away portions of said partition, ink producing sticks in the chamber formed between said partition and the barrel of said pen, and water at the opposite side of said partition.

2,131,017
BODY AND ENGINE TEMPERATURE CONTROL SYSTEM FOR MOTOR VEHICLES
William Lintern and John B. Lintern, Cleveland, Ohio, assignors, by mesne assignments, to Evans Products Company, Detroit, Mich.
Application December 16, 1935, Serial No. 54,612
4 Claims. (Cl. 237—12.3)



1. In a motor vehicle having a closed body and a water cooled engine, an exhaust heat exchanger arranged to be heated by the exhaust products from the engine, a water heat exchanger connected in the water cooling system of the engine, and means to force a stream of air into the body through the exhaust heat exchanger and the water heat exchanger progressively, and means to by-pass the air from said means around one of said exchangers.

2,131,018
IGNITION SYSTEM FOR INTERNAL COMBUSTION ENGINES
Lloyd H. Scott, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application July 22, 1936, Serial No. 91,927
7 Claims. (Cl. 123—148)

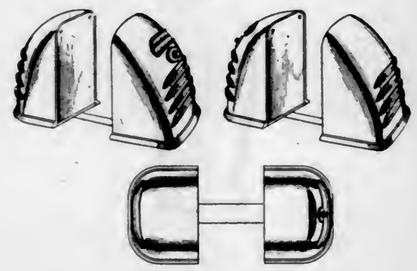


1. In a dual ignition system for internal combustion engines, a single source of high tension current, a pair of spark plugs, and means for applying substantially the full voltage of said source to each of said plugs while dividing the energy from said source between said plugs.

DESIGNS

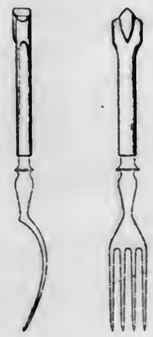
SEPTEMBER 20, 1938

111,315
DESIGN FOR A RADIO CABINET
Joseph E. Adams, Cleveland Heights, Ohio
Application February 9, 1938, Serial No. 74,981
Term of patent 3½ years



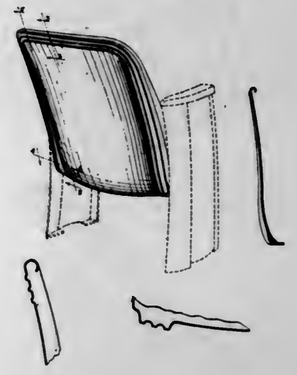
The ornamental design for a radio cabinet as shown and described.

111,316
DESIGN FOR A FORK OR SIMILAR ARTICLE
Milton Bernstein, Brooklyn, N. Y.
Application July 27, 1938, Serial No. 78,785
Term of patent 3½ years



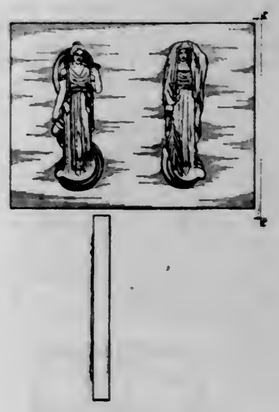
The ornamental design for a fork or similar article, as shown and described.

111,317
DESIGN FOR A CHAIR
Willard H. Bond, Jr., East Grand Rapids, Mich., assignor to American Seating Company, Grand Rapids, Mich., a corporation of New Jersey
Application February 5, 1938, Serial No. 74,904
Term of patent 14 years



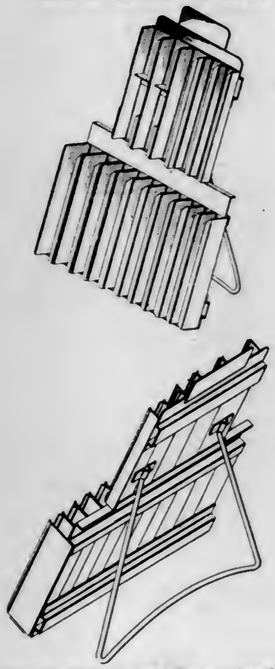
The ornamental design for a chair, substantially as shown and described.

111,318
DESIGN FOR A PANEL FOR A MEMORIAL STRUCTURE
Selma O. Colbe, Chicago, Ill.
Application February 15, 1938, Serial No. 75,155
Term of patent 7 years



The ornamental design for a panel for a memorial structure, as shown.

111,319
DESIGN FOR A DISPLAY STAND OR SIMILAR ARTICLE
William F. Costello, New Britain, Conn., assignor to The New Britain Machine Company, New Britain, Conn., a corporation of Connecticut
Application March 30, 1938, Serial No. 76,194
Term of patent 3½ years



The ornamental design for a display stand or similar article substantially as shown.

111,320
DESIGN FOR A WEIGHING SCALE OR ARTICLE OF SIMILAR NATURE
Thomas B. Flanagan, Columbus, Ohio, assignor to The Exact Weight Scale Company, Columbus, Ohio, a corporation of Ohio
Application April 20, 1938, Serial No. 76,650
Term of patent 14 years



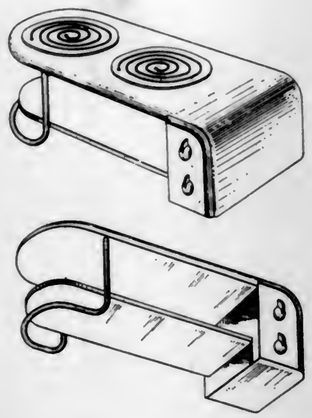
The ornamental design for a weighing scale or article of similar nature, as shown.

111,321
DESIGN FOR A TUMBLER
Edwin W. Fuerst, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application July 10, 1937, Serial No. 70,341
Term of patent 7 years



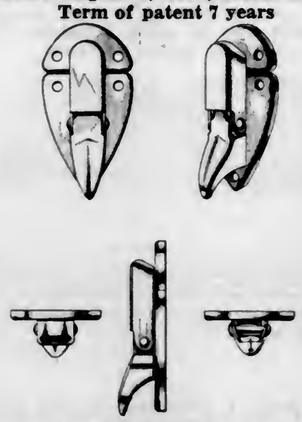
The ornamental design for a tumbler, substantially as shown.

111,322
DESIGN FOR AN ELECTRIC HOT PLATE
Donald L. Hadley, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania
Application July 9, 1938, Serial No. 78,369
Term of patent 7 years



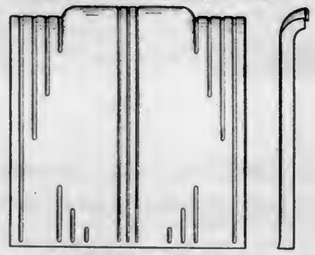
The ornamental design for an electric hot plate, substantially as shown and described.

111,323
DESIGN FOR A CLOSURE FASTENER
Albert J. Komenak, Stamford, Conn., assignor to The Excelsior Hardware Company, Stamford, Conn., a corporation of Connecticut
Application August 6, 1936, Serial No. 64,280
Term of patent 7 years



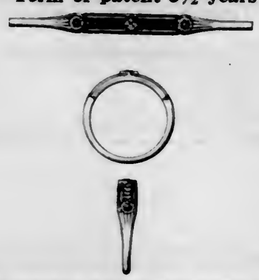
The ornamental design for a closure fastener, substantially as shown and described.

111,324
DESIGN FOR A CHAIR BACK OR SIMILAR ARTICLE
Harry W. Kranz, Lakewood, Ohio, assignor to The Cleveland Welding Company, Cleveland, Ohio, a corporation of Ohio
Application June 17, 1938, Serial No. 77,904
Term of patent 3½ years



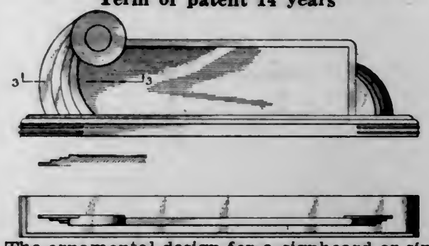
The ornamental design for a chair back or similar article, as shown.

111,325
DESIGN FOR A RING OR SIMILAR ARTICLE
Max Kronstadt, Brooklyn, N. Y.
Application May 20, 1938, Serial No. 77,302
Term of patent 3½ years



The ornamental design for a ring or similar article, substantially as shown.

111,326
DESIGN FOR A SIGNBOARD OR SIMILAR ARTICLE
William Miller, Berwyn, Ill., assignor to General Outdoor Advertising Co. Inc., New York, N. Y., a corporation of New Jersey
Application July 13, 1938, Serial No. 78,439
Term of patent 14 years



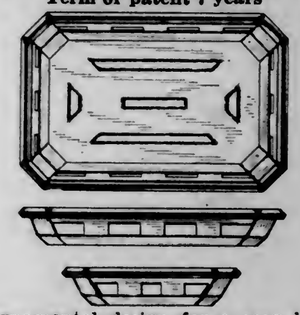
The ornamental design for a signboard or similar article, as shown.

111,327
DESIGN FOR A DOLL
Gertrude A. Newman, Cleveland, Ohio
Application July 8, 1938, Serial No. 78,357
Term of patent 7 years



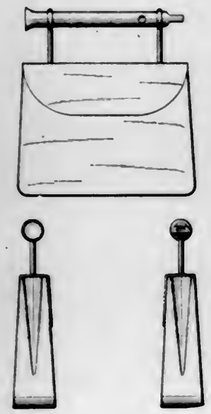
The ornamental design for a doll, as shown.

111,328
DESIGN FOR A SOAP HOLDER OR SIMILAR ARTICLE
Roy S. Sanford, Oakville, Conn., assignor to The Autoyre Company, Incorporated, Oakville, Conn., a corporation of Connecticut
Application February 28, 1938, Serial No. 75,473
Term of patent 7 years



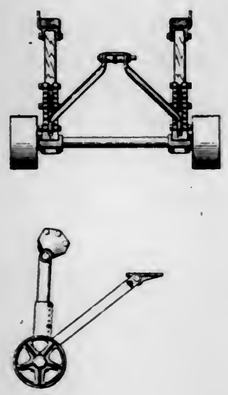
The ornamental design for a soap holder or similar article, substantially as shown and described.

111,329
DESIGN FOR A COMBINATION HANDBAG AND WHISTLE
Louis Schumacher, Brooklyn, N. Y.
Application June 18, 1938, Serial No. 77,926
Term of patent 3½ years



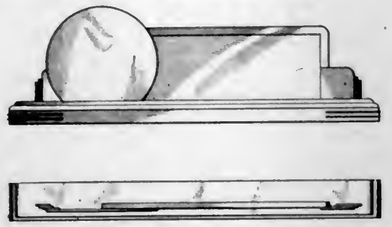
The ornamental design for a combination handbag and whistle, substantially as shown and described.

111,330
DESIGN FOR A LANDING GEAR
Carl G. Seyferth, Muskegon, Mich.
Application June 26, 1937, Serial No. 70,079
Term of patent 3½ years



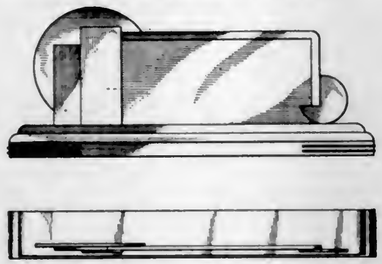
The ornamental design for a landing gear, as shown.

111,331
DESIGN FOR A SIGNBOARD OR SIMILAR ARTICLE
Charles Frederick Smith, Larchmont, N. Y., assignor to General Outdoor Advertising Co. Inc., New York, N. Y., a corporation of New Jersey
Application July 13, 1938, Serial No. 78,432
Term of patent 14 years



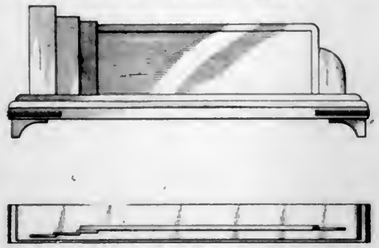
The ornamental design for a signboard or similar article, as shown.

111,332
DESIGN FOR A SIGNBOARD OR SIMILAR ARTICLE
Charles Frederick Smith, Larchmont, N. Y., assignor to General Outdoor Advertising Co. Inc., New York, N. Y., a corporation of New Jersey
Application July 13, 1938, Serial No. 78,433
Term of patent 14 years



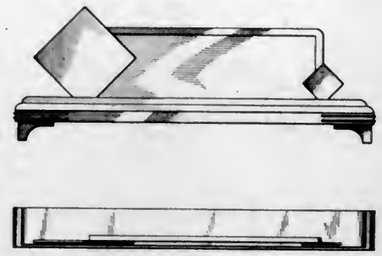
The ornamental design for a signboard or similar article, as shown.

111,333
DESIGN FOR A SIGNBOARD OR SIMILAR ARTICLE
Charles Frederick Smith, Larchmont, N. Y., assignor to General Outdoor Advertising Co. Inc., New York, N. Y., a corporation of New Jersey
Application July 13, 1938, Serial No. 78,434
Term of patent 14 years



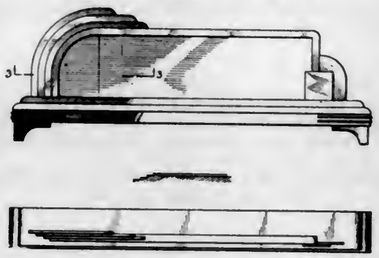
The ornamental design for a signboard or similar article, as shown.

111,334
DESIGN FOR A SIGNBOARD OR SIMILAR ARTICLE
Charles Frederick Smith, Larchmont, N. Y., assignor to General Outdoor Advertising Co. Inc., New York, N. Y., a corporation of New Jersey
Application July 13, 1938, Serial No. 78,435
Term of patent 14 years



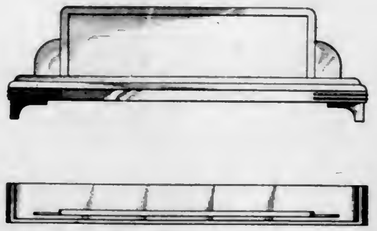
The ornamental design for a signboard or similar article, as shown.

111,335
DESIGN FOR A SIGNBOARD OR SIMILAR ARTICLE
Charles Frederick Smith, Larchmont, N. Y., assignor to General Outdoor Advertising Co. Inc., New York, N. Y., a corporation of New Jersey
Application July 13, 1938, Serial No. 78,436
Term of patent 14 years



The ornamental design for a signboard or similar article, as shown.

111,336
DESIGN FOR A SIGNBOARD OR SIMILAR ARTICLE
Charles Frederick Smith, Larchmont, N. Y., assignor to General Outdoor Advertising Co. Inc., New York, N. Y., a corporation of New Jersey
Application July 13, 1938, Serial No. 78,437
Term of patent 14 years



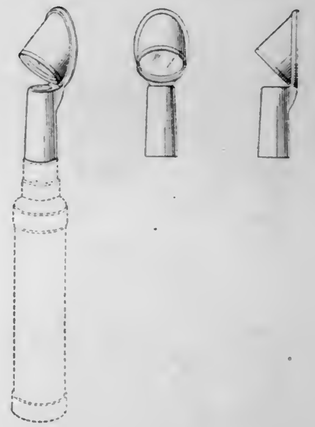
The ornamental design for a signboard or similar article, as shown.

111,337
DESIGN FOR A SIGNBOARD OR SIMILAR ARTICLE
Charles Frederick Smith, Larchmont, N. Y., assignor to General Outdoor Advertising Co. Inc., New York, N. Y., a corporation of New Jersey
Application July 13, 1938, Serial No. 78,438
Term of patent 14 years



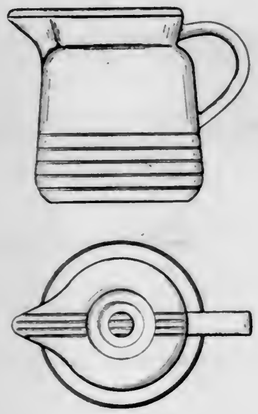
The ornamental design for a signboard or similar article, as shown.

111,338
DESIGN FOR A DIAGNOSTIC INSTRUMENT
Edward M. Splaine, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application March 24, 1938, Serial No. 76,058
Term of patent 14 years



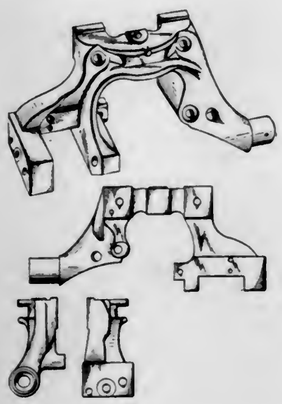
The ornamental design for a diagnostic instrument, substantially as shown and described.

111,339
DESIGN FOR A COMBINED PITCHER AND COVER THEREFOR
Walter Karl Titze, Oklahoma City, Okla, assignor to Universal Potteries, Inc., Cambridge, Ohio, a corporation of Ohio
Application July 1, 1938, Serial No. 78,215
Term of patent 3½ years



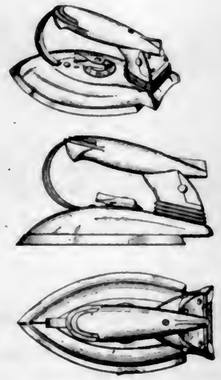
The ornamental design for a combined pitcher and cover therefor, as shown.

111,340
DESIGN FOR A MOTION PICTURE PROJECTOR BRACKET
Fred J. Wenzel, Chicago, Ill.
Application August 6, 1938, Serial No. 79,151
Term of patent 14 years



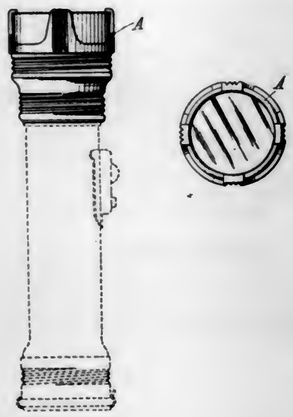
The ornamental design for a motion picture projector bracket, as shown.

111,341
DESIGN FOR A SADIRON OR SIMILAR ARTICLE
Russell I. Huffman, Strasburg, Ohio, assignor to Knapp-Monarch Company, St. St. Louis, Mo., a corporation of Missouri
Application March 7, 1938, Serial No. 75,639
Term of patent 7 years



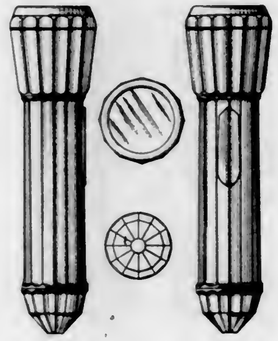
The ornamental design for a sadiron or similar article, substantially as shown.

111,342
DESIGN FOR A FLASHLIGHT
Anthony J. Desimone, Lyndhurst, N. J., assignor to Bright Star Battery Company, Clifton, N. J., a corporation of New York
Application April 15, 1938, Serial No. 76,528
Term of patent 14 years



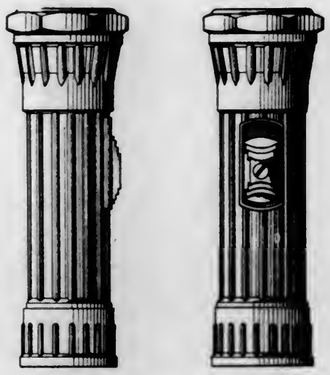
The ornamental design for a flashlight, substantially as shown and described.

111,343
DESIGN FOR A FLASHLIGHT
Anthony J. Desimone, Lyndhurst, N. J., assignor to Bright Star Battery Company, Clifton, N. J., a corporation of New York
Application April 15, 1938, Serial No. 76,529
Term of patent 14 years



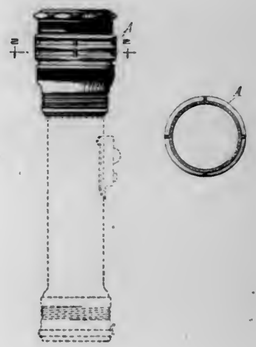
The ornamental design for a flashlight, substantially as shown.

111,344
DESIGN FOR A FLASHLIGHT
Anthony J. Desimone, Lyndhurst, N. J., assignor to Bright Star Battery Company, Clifton, N. J., a corporation of New York
Application April 15, 1938, Serial No. 76,530
Term of patent 14 years



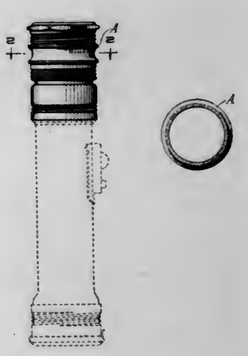
The ornamental design for a flashlight, substantially as shown.

111,345
DESIGN FOR A FLASHLIGHT
Anthony J. Desimone, Lyndhurst, N. J., assignor to Bright Star Battery Company, Clifton, N. J., a corporation of New York
Application April 15, 1938, Serial No. 76,531
Term of patent 14 years



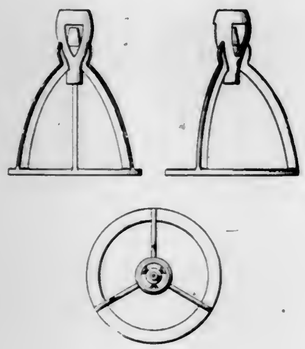
The ornamental design for a flashlight, substantially as shown and described.

111,346
DESIGN FOR A FLASHLIGHT
Anthony J. Desimone, Lyndhurst, N. J., assignor to Bright Star Battery Company, Clifton, N. J., a corporation of New York
Application April 15, 1938, Serial No. 76,532
Term of patent 14 years



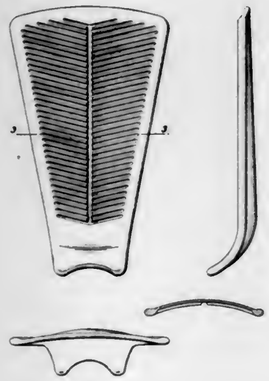
The ornamental design for a flashlight, substantially as shown and described.

111,347
DESIGN FOR A FURNACE LIGHTER
Alfred Porkolab and Benjamin M. Vecchio, Lorain, Ohio
Application June 14, 1938, Serial No. 77,839
Term of patent 3½ years



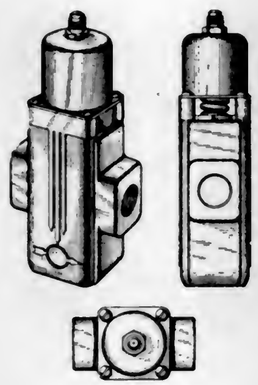
The ornamental design for a furnace lighter, as shown.

111,348
DESIGN FOR A WASHBOARD
Maude L. Irwin, Alameda, Calif.
Application July 25, 1938, Serial No. 78,685
Term of patent 14 years



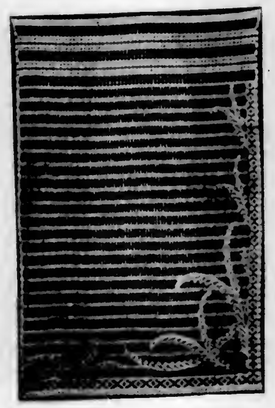
The ornamental design for a washboard, as shown.

111,349
DESIGN FOR A WATER VALVE OR SIMILAR ARTICLE
Eugene V. Lavallee, Elkhart, Ind., assignor to Penn Electric Switch Co., Goshen, Ind., a corporation of Iowa
Application July 25, 1938, Serial No. 78,690
Term of patent 7 years



The ornamental design for a water valve or similar article, substantially as shown.

111,350
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,803
Term of patent 3½ years



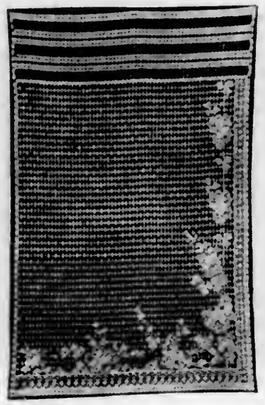
The ornamental design for a curtain or similar article, as shown and described.

111,351
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,804
Term of patent 3½ years



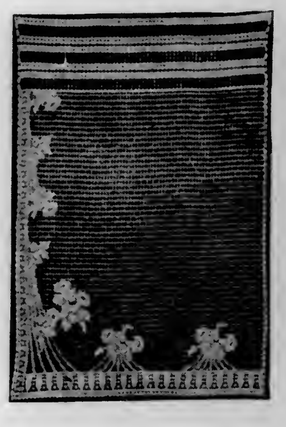
The ornamental design for a curtain or similar article, as shown and described.

111,352
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,805
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,353
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,806
Term of patent 3½ years



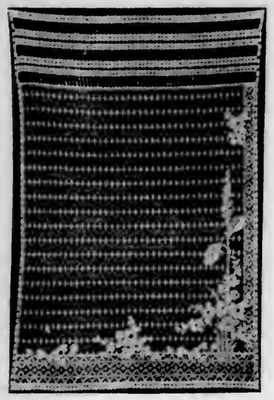
The ornamental design for a curtain or similar article, as shown and described.

111,354
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,807
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,355
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,808
Term of patent 3½ years



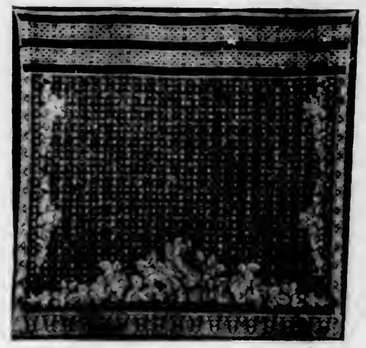
The ornamental design for a curtain or similar article, as shown and described.

111,356
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,810
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,357
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,811
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,358
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,812
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,359
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,813
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,360
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,817
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,361
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,818
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,362
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,819
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,363
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,822
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,364
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,823
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,365
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,824
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,366
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,826
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,367
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,827
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,368
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,829
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,369
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,831
Term of patent 3½ years



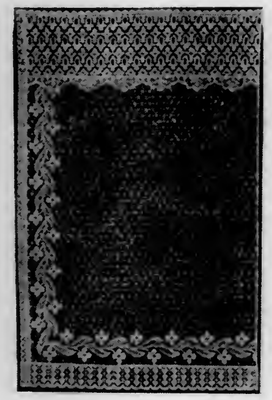
The ornamental design for a curtain or similar article, as shown and described.

111,370
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,833
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,371
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,835
Term of patent 3½ years



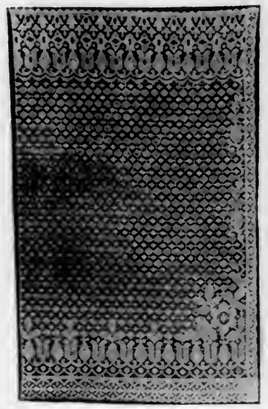
The ornamental design for a curtain or similar article, as shown and described.

111,372
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,836
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,373
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,837
Term of patent 3½ years



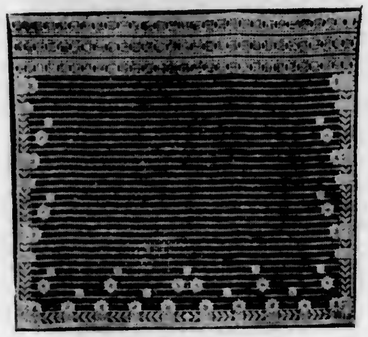
The ornamental design for a curtain or similar article, as shown and described.

111,374
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,838
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,375
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,840
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,376
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,841
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,377
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,846
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,378
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,847
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,379
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,848
Term of patent 3½ years



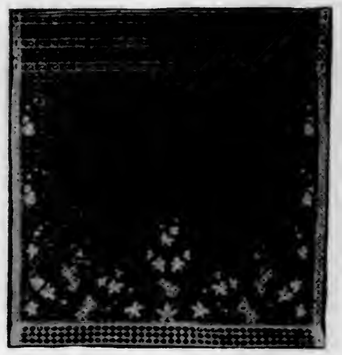
The ornamental design for a curtain or similar article, as shown and described.

111,380
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,849
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,381
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,850
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,382
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,851
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,383
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,854
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,384
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,856
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,385
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,857
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,386
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,858
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,387
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,859
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,388
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,860
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,389
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,862
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,390
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,865
Term of patent 3½ years



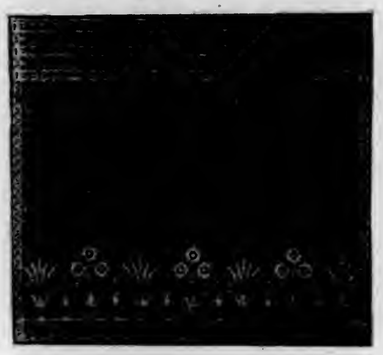
The ornamental design for a curtain or similar article, as shown and described.

111,391
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,866
Term of patent 3½ years



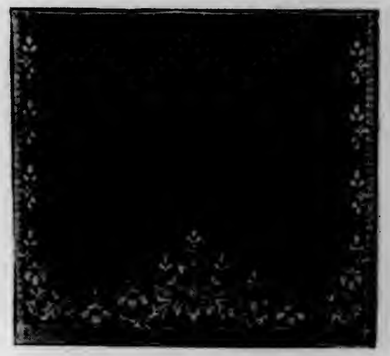
The ornamental design for a curtain or similar article, as shown and described.

111,392
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,867
Term of patent 3½ years



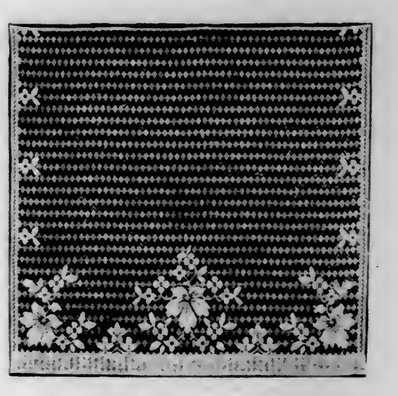
The ornamental design for a curtain or similar article, as shown and described.

111,393
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,868
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,394
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,869
Term of patent 3½ years



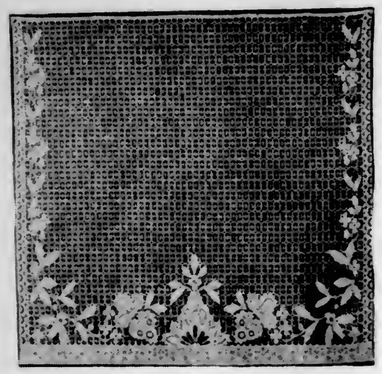
The ornamental design for a curtain or similar article, as shown and described.

111,395
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,871
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,396
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,872
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,397
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,873
Term of patent 3½ years



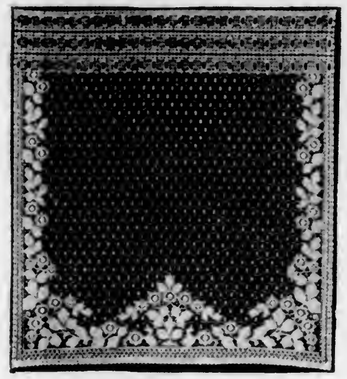
The ornamental design for a curtain or similar article, as shown and described.

111,398
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,874
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,399
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,875
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,400
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,876
Term of patent 3½ years



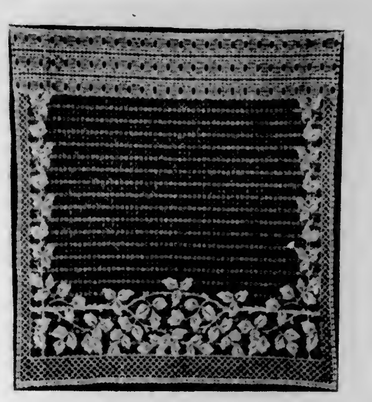
The ornamental design for a curtain or similar article, as shown and described.

111,401
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,877
Term of patent 3½ years



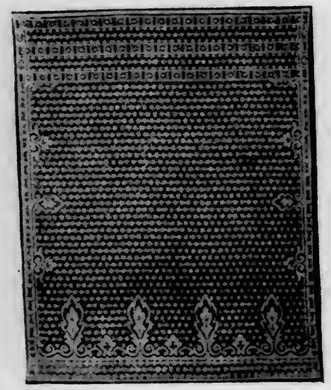
The ornamental design for a curtain or similar article, as shown and described.

111,402
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,878
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,403
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,881
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,404
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,903
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,405
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,908
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,406
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,915
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,407
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,916
Term of patent 3½ years



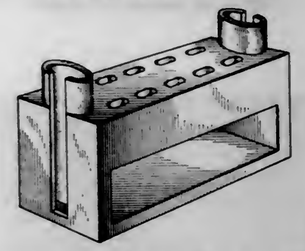
The ornamental design for a curtain or similar article, as shown and described.

111,408
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,922
Term of patent 3½ years



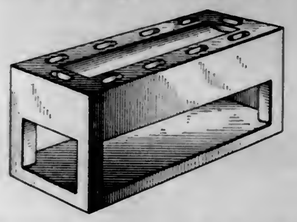
The ornamental design for a curtain or similar article, as shown and described.

111,409
DESIGN FOR A TOOTH BRUSH HOLDER
Samuel John Stanton, Chicago, Ill.
Application July 29, 1938, Serial No. 78,963
Term of patent 14 years



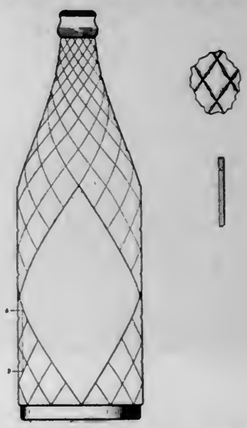
The ornamental design for a tooth brush holder, as shown.

111,410
DESIGN FOR A TOOTH BRUSH HOLDER
Samuel John Stanton, Chicago, Ill.
Application July 29, 1938, Serial No. 78,964
Term of patent 14 years



The ornamental design for a tooth brush holder, as shown.

111,411
DESIGN FOR A BOTTLE
Thomas D. D'Addario, Long Island City, N. Y., assignor to Bostonia Beverages, Inc., Natick, Mass.
Application July 1, 1938, Serial No. 78,223
Term of patent 14 years



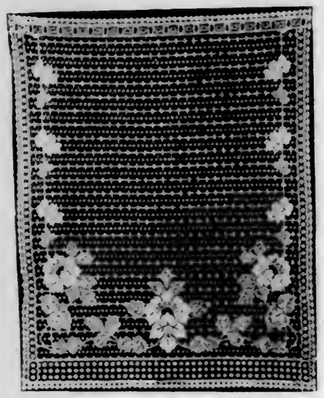
The ornamental design for a bottle, as shown and described.

111,412
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,830
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,413
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,832
Term of patent 3½ years



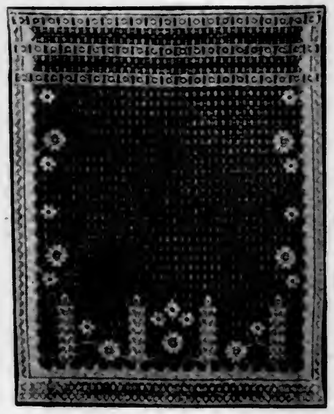
The ornamental design for a curtain or similar article, as shown and described.

111,414
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,870
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,415
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,882
Term of patent 3½ years



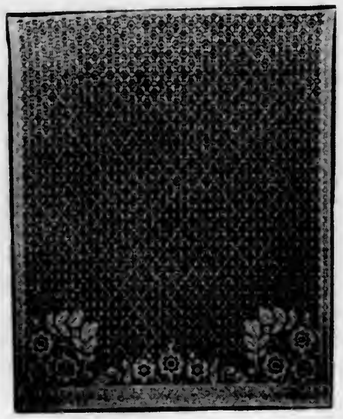
The ornamental design for a curtain or similar article, as shown and described.

111,416
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,883
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,417
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,884
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,418
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,885
Term of patent 3½ years



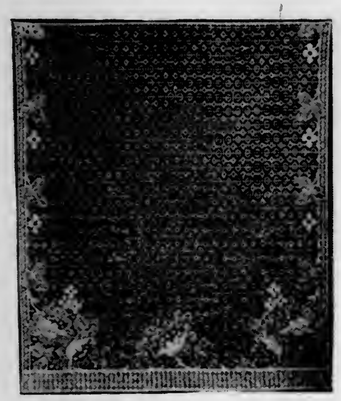
The ornamental design for a curtain or similar article, as shown and described.

111,419
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,886
Term of patent 3½ years



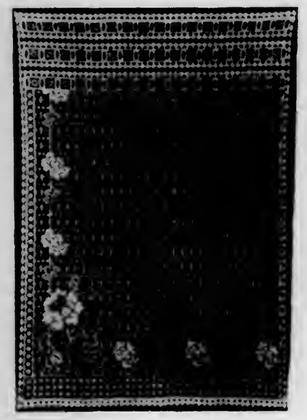
The ornamental design for a curtain or similar article, as shown and described.

111,420
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,888
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,421
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,890
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,422
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,891
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,423
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,894
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,424
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,895
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,425
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,896
Term of patent 3½ years



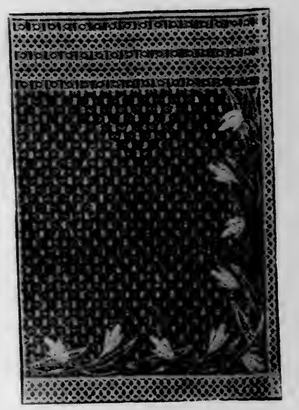
The ornamental design for a curtain or similar article, as shown and described.

111,426
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,897
Term of patent 3½ years



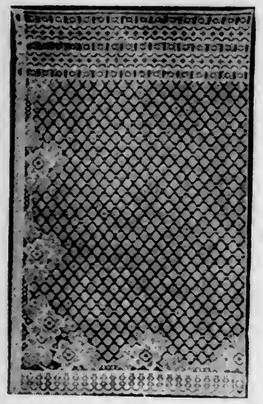
The ornamental design for a curtain or similar article, as shown and described.

111,427
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,901
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,428
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,902
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,429
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,905
Term of patent 3½ years



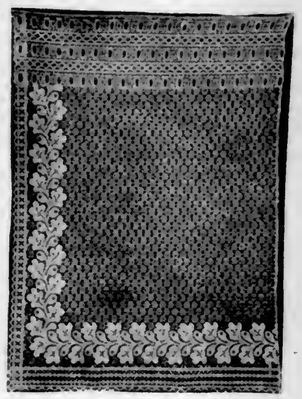
The ornamental design for a curtain or similar article, as shown and described.

111,430
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,909
Term of patent 3½ years



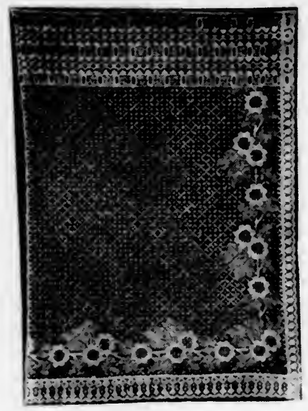
The ornamental design for a curtain or similar article, as shown and described.

111,431
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,910
Term of patent 3½ years



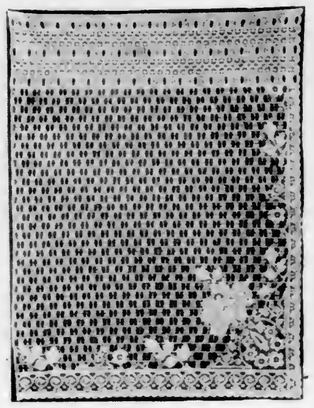
The ornamental design for a curtain or similar article, as shown and described.

111,432
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,911
Term of patent 3½ years



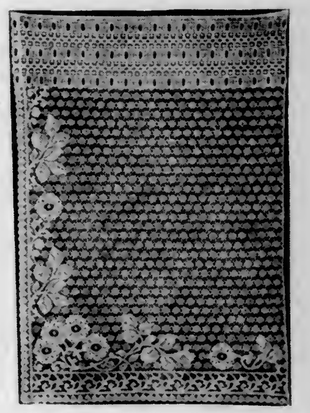
The ornamental design for a curtain or similar article, as shown and described.

111,433
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,912
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,434
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,914
Term of patent 3½ years



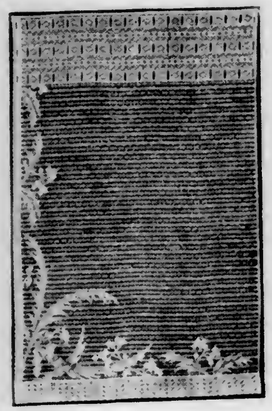
The ornamental design for a curtain or similar article as shown and described.

111,435
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,923
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,436
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,924
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,437
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,925
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,438
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,926
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,439
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,927
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,440
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,929
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,441
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,932
Term of patent 3½ years



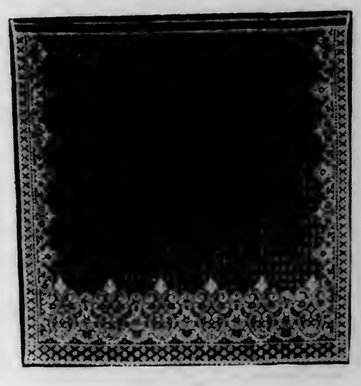
The ornamental design for a curtain or similar article, as shown and described.

111,442
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,933
Term of patent 3½ years



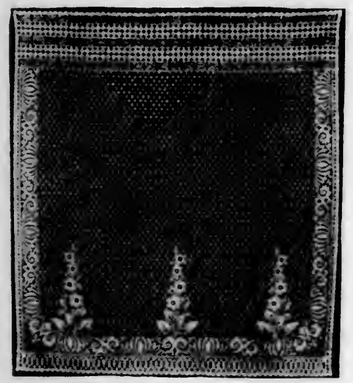
The ornamental design for a curtain or similar article, as shown and described.

111,443
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,934
Term of patent 3½ years



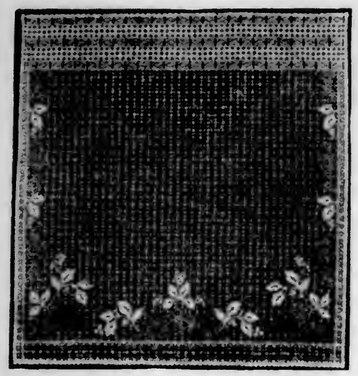
The ornamental design for a curtain or similar article, as shown and described.

111,444
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,935
Term of patent 3½ years



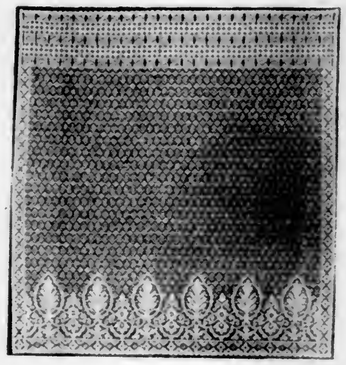
The ornamental design for a curtain or similar article, as shown and described.

111,445
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,936
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,446
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,937
Term of patent 3½ years



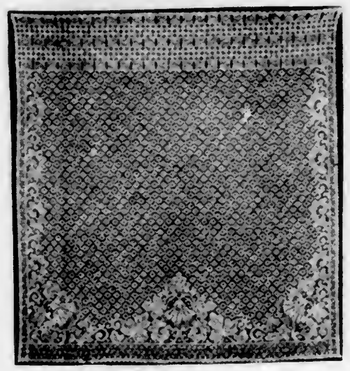
The ornamental design for a curtain or similar article, as shown and described.

111,447
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,938
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,448
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,939
Term of patent 3½ years



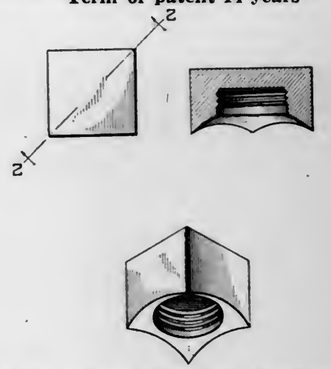
The ornamental design for a curtain or similar article, as shown and described.

111,449
DESIGN FOR TEXTILE FABRIC
Samuel E. Staines, Ridgewood, N. J., assignor to Botany Worsted Mills, Passaic, N. J., a corporation of New Jersey
Application December 13, 1937, Serial No. 73,562
Term of patent 14 years



The ornamental design for textile fabric, as described and shown.

111,450
DESIGN FOR A CLOSURE CAP
Joseph C. Windbiel, Evansville, Ind., assignor to Mead Johnson & Company, Evansville, Ind., a corporation of Indiana
Application May 16, 1938, Serial No. 77,206
Term of patent 14 years



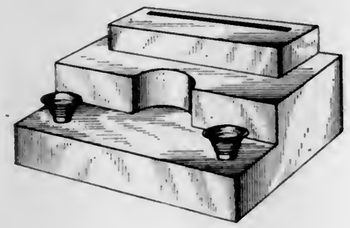
The ornamental design for a closure cap, as shown.

111,451
DESIGN FOR A DOLL
Hale B. Anthony, Rockport, Mass.
Application June 21, 1938, Serial No. 77,972
Term of patent 7 years



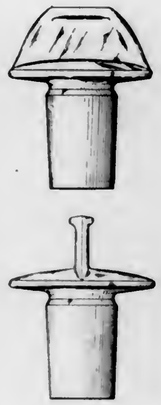
The ornamental design for a doll, substantially as shown.

111,452
DESIGN FOR A MINIATURE RELIGIOUS SHRINE OR SIMILAR ARTICLE
Louis Hochstadter, Chicago, Ill.
Application April 1, 1938, Serial No. 76,218
Term of patent 3½ years



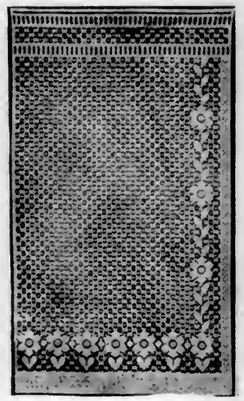
The ornamental design for a miniature religious shrine or similar article, as shown.

111,453
DESIGN FOR A GLASS STOPPER
Everett F. Kelm, Corning, N. Y., assignor to Corning Glass Works, Corning, N. Y., a corporation of New York
Application July 21, 1938, Serial No. 78,640
Term of patent 14 years



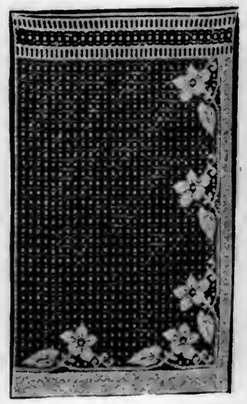
The ornamental design for a glass stopper, substantially as shown.

111,454
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,825
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,455
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,828
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,456
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,834
Term of patent 3½ years



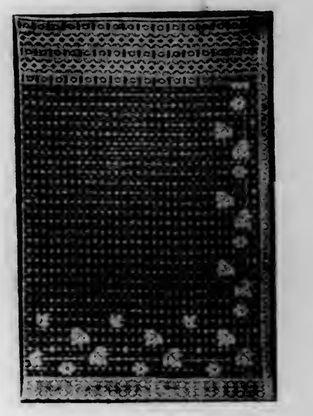
The ornamental design for a curtain or similar article, as shown and described.

111,457
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,852
Term of patent 3½ years



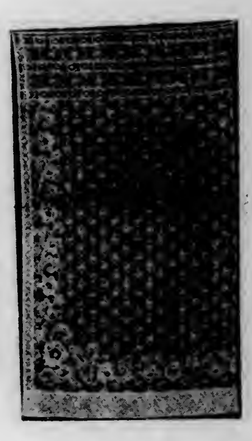
The ornamental design for a curtain or similar article, as shown and described.

111,458
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,853
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,459
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,861
Term of patent 3½ years



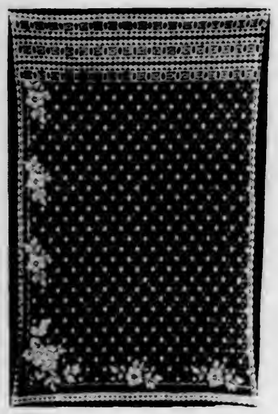
The ornamental design for a curtain or similar article, as shown and described.

111,460
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,893
Term of patent 3½ years



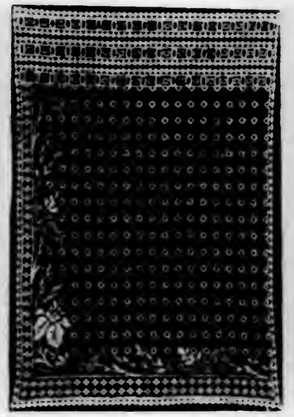
The ornamental design for a curtain or similar article, as shown and described.

111,461
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,892
Term of patent 3½ years



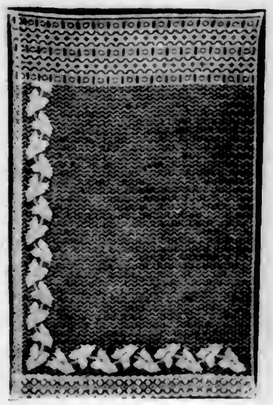
The ornamental design for a curtain or similar article, as shown and described.

111,462
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,889
Term of patent 3½ years



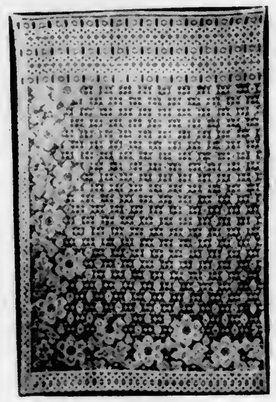
The ornamental design for a curtain or similar article, as shown and described.

111,463
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,900
Term of patent 3½ years



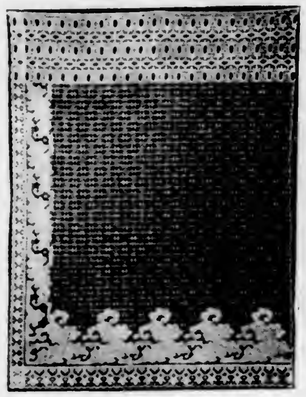
The ornamental design for a curtain or similar article, as shown and described.

111,464
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,904
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,465
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,913
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,466
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,918
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,467
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,919
Term of patent 3½ years



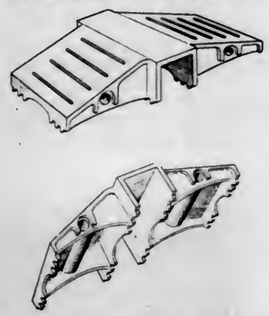
The ornamental design for a curtain or similar article, as shown and described.

111,468
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,928
Term of patent 3½ years



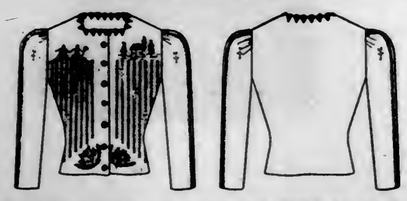
The ornamental design for a curtain or similar article, as shown and described.

111,469
DESIGN FOR A RAMP FOR THE PROTECTION OF HOSE PIPES
George Allen Bainbridge, Cardiff, Wales
Application November 26, 1937, Serial No. 73,191
Term of patent 14 years



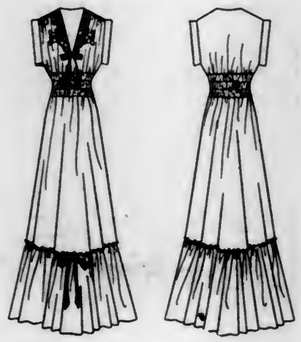
The ornamental design for a ramp for the protection of hose pipes, substantially as shown.

111,470
DESIGN FOR A SWEATER
Hans Boepple, New York, N. Y.
Application August 20, 1938, Serial No. 79,457
Term of patent 3½ years



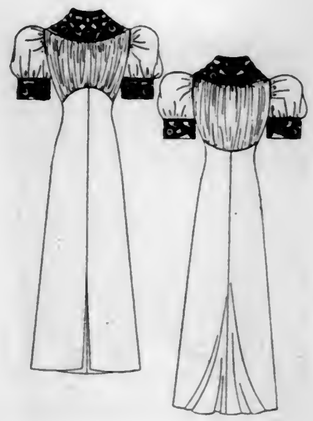
The ornamental design for a sweater, substantially as shown.

111,471
DESIGN FOR A NIGHTGOWN
Esther Cadous, New York, N. Y.
Application August 19, 1938, Serial No. 79,435
Term of patent 3½ years



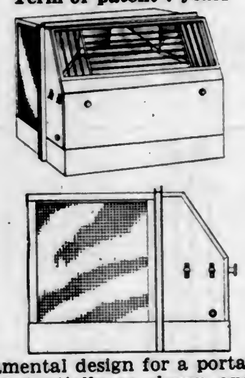
The ornamental design for a nightgown, substantially as shown.

111,472
DESIGN FOR A DRESS
Samuel Chapman, New York, N. Y.
Application August 2, 1938, Serial No. 79,035
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,473
DESIGN FOR A PORTABLE AIR CONDITIONER
Allan A. Feinberg, Minneapolis, Minn., assignor to United States Air Conditioning Corporation, Minneapolis, Minn., a corporation of Delaware
Application June 16, 1938, Serial No. 77,871
Term of patent 7 years



The ornamental design for a portable air conditioner, substantially as shown and described.

111,474
DESIGN FOR A COAT
Benjamin Lefrak, New York, N. Y.
Application August 20, 1938, Serial No. 79,459
Term of patent 3½ years



The ornamental design for a coat, substantially as shown.

111,475
DESIGN FOR A COMBINATION COMB AND MANICURING IMPLEMENT
Hameli J. Suhadolc, Hoboken, N. J.
Application February 24, 1938, Serial No. 75,391
Term of patent 7 years



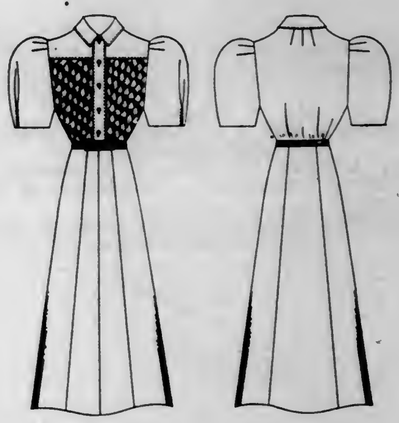
The ornamental design for a combination comb and manicuring implement, as shown and described.

111,476
DESIGN FOR A DRESS
Jacob Dublirer, New York, N. Y.
Application July 16, 1938, Serial No. 78,529
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,477
DESIGN FOR A DRESS
Harry Langbert, New York, N. Y.
Application August 17, 1938, Serial No. 79,387
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,478
DESIGN FOR A DRESS
Adrienne Livingston, New York, N. Y.
Application August 20, 1938, Serial No. 79,455
Term of patent 3½ years



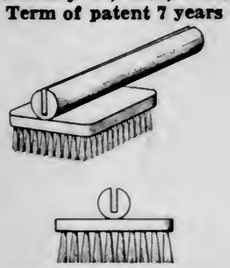
The ornamental design for a dress, substantially as shown.

111,479
DESIGN FOR A DRESS
Esther Mast, New York, N. Y.
Application August 17, 1938, Serial No. 79,386
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,480
DESIGN FOR A COMBINATION COMB HOLDER AND BRUSH
Mary A. North, New York, N. Y., assignor to Celluloid Corporation, a corporation of New Jersey
Application January 29, 1938, Serial No. 74,711
Term of patent 7 years



The ornamental design for a combination comb holder and brush, substantially as shown.

111,481
DESIGN FOR A DRESS
Morris Sobelman, St. Louis, Mo.
Application August 20, 1938, Serial No. 79,453
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,482
DESIGN FOR A DRESS
Morris Sobelman, St. Louis, Mo.
Application August 20, 1938, Serial No. 79,454
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

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September 27, 1938

Trade-Marks	204—No.	360,715 to No.	360,918, inclusive.
Labels	47—No.	51,845 to No.	51,891, inclusive.
Prints	12—No.	17,051 to No.	17,062, inclusive.
Reissues	1—No.	20,868	
Patents	703—No.	2,131,019 to No.	2,131,721, inclusive.
Designs	81—No.	111,483 to No.	111,563, inclusive.
Total	1,048		

Holidays—November 11th

[PUBLIC—No. 510—75TH CONGRESS]
[CHAPTER 210—3D SESSION]
[H. R. 6656]
AN ACT

Making the 11th day of November in each year a legal holiday.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the 11th day of November in each year, a day to be dedicated to the cause of world peace and to be hereafter celebrated and known as Armistice Day, is hereby made a legal public holiday to all intents and purposes and in the same manner as the 1st day of January, the 22d day of February, the 30th day of May, the 4th day of July, the first Monday of September, and Christmas Day are now made by law public holidays.

Approved, May 13, 1938.

Trade-Marks—Act of June 10, 1938—Forms

Statement for Collective Marks

To the Commissioner of Patents:

The ———, a corporation duly organized under the laws of the State of ———, and located at ———, ———, and doing business at ———, ———, ———, has adopted, and authorized under its legitimate control the use of, the collective mark shown in the accompanying drawing for canned fruits and vegetables, in Class 46, Foods and ingredients of foods, and presents herewith five specimens showing the collective mark as actually used upon the goods by persons duly authorized by applicant, and requests that the same be registered in the United States Patent Office in accordance with the act of February 20, 1905, as amended by the act of June 10, 1938. The collective mark has been continuously used and applied to said goods in the business of persons authorized by applicant since ———. The collective mark is applied or affixed to the goods, or to the packages containing the same, by placing thereon a printed label on which the collective mark is shown.

The collective mark is used upon the goods to indicate that ———.*

THE ——— ——— ———,
(Name of applicant)
By ——— ———,
(Full signature of officer)
———
(Official title)

———

*Here should be inserted a statement that the goods are inspected and approved in applicant's laboratory, or that they comply with certain requirements as to quality, or that they are grown in a certain geographical locality, or some other appropriate statement.

Declaration for Collective Marks

State of ———
County of ———} ss.

———, being duly sworn, deposes and says that he is the secretary of the corporation, the applicant named in the foregoing statement; that he believes the foregoing statement is true; that he believes said corporation is the owner of the collective mark sought to be registered; that no person, firm, corporation, or association not authorized by applicant, to the best of his knowledge and belief, has the right to use said collective mark in the United States, either in the identical form or in any such near resemblance thereto as might be calculated to deceive; that said collective mark is used as authorized by said corporation in commerce among the several States of the United States (and between the United States and foreign nations or Indian Tribes); that the description and drawing presented truly represent the collective mark sought to be registered; and that the specimens show the collective mark as actually used upon the goods.

——— ———
(Full signature of affiant)

Subscribed and sworn to before me, a ——— ———, this ——— day of ———, ———.

——— ———,
———
(Official title)

Condition of Applications Under Examination at Close of Business September 10, 1938

(Total number of applications awaiting action, excluding Trade-Mark Division, 50,903; Trade-Mark Division, 1,358. Oldest new case, Dec. 8, 1937; oldest amended, Nov. 23, 1937.)
(The dates given are 1938 except where † indicates 1937)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application awaiting office action: New	Oldest new application awaiting office action: Amended	No. of applications awaiting action
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Mar. 23	Mar. 26	861
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Apr. 13	Apr. 5	1,061
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	June 10	June 3	519
7083	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Apr. 2	Apr. 28	555
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	June 3	June 4	679
4898C	6. LEWERS, A. M., Carbon Chemistry (part)	Mar. 22	Mar. 17	1,232
5725	7. JARBOE, C. G., Optics; Photography	May 27	May 27	965
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Feb. 14	Mar. 21	961
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	June 4	June 6	463
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies and Tops; Vehicle Fenders; Spring Devices.	Apr. 27	Apr. 27	790
5087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	May 16	May 18	536
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	Jan. 21	Jan. 14	903
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Apr. 14	Apr. 14	592
5097	14. SMITH, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	June 17	June 15	532
4897	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Apr. 26	Apr. 26	1,210
5716	16. SPENCER, C. J., Telegraphy; Telephony	Mar. 24	Mar. 21	977
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Apr. 11	Apr. 13	849
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Apr. 14	Apr. 14	564
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Apr. 25	Apr. 13	817
6605	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Mar. 10	Mar. 25	572
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	June 3	June 7	509
5600	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	May 27	May 28	709
7624	23. BUTTNER, W. J., Registers (part)	†Dec. 8	†Nov. 23	335
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	May. 31	June 6	683
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	May 13	May 10	689
5893	26. YOUNG, R. R., Electricity, Generation; Motive Power	May 10	May 10	606
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Mar. 9	Mar. 8	1,247
4628	28. SOLYOM, H. L., Internal-Combustion Engines	Mar. 24	Mar. 22	587
5062	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Mar. 17	Mar. 15	913
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Mar. 4	Mar. 4	878
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	June 10	June 10	673
4086	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	May 13	May 17	631
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	May 13	May 17	955
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	May 18	May 11	421
3876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	May 3	Apr. 14	885
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Mar. 7	Mar. 21	663
5886B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Mar. 9	Feb. 24	1,039
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stone-working; Wells; Plastic Compositions.	Jan. 24	Feb. 2	875
4878	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Apr. 14	Apr. 12	666
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Apr. 4	Apr. 5	1,307
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	May 19	May 10	314
5882	42. CUTTING, H. O., Electric Signaling	Feb. 12	Jan. 5	879
4886B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	May 16	May 16	576
4087B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Apr. 11	Apr. 11	748
7093	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Apr. 18	Apr. 18	856
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Apr. 21	Apr. 21	661
6082	47. LOWE, E. R. (Act.), Clutches; Brakes	May 5	May 5	733
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	June 1	June 1	562
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Feb. 18	Feb. 24	996
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Mar. 29	Mar. 29	1,081
5628	51. BACKUS, C. D., Radiant Energy	May 21	May 31	867
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	May 31	May 28	862
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	May 12	May 17	659
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	June 20	June 20	555
6883	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Mar. 24	Mar. 17	1,298
4725	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Apr. 10	Apr. 10	1,115
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Apr. 27	Apr. 8	551
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	May 10	May 10	454
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	May 17	May 13	803
5896	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Apr. 26	Apr. 30	556
6724	61. PARKS, G. E., Laminated Electrical Insulation; Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Mar. 24	Mar. 28	794
5621	62. PUGH, E. C., Games; Geometrical Instruments	May 14	May 14	668
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	May 25	May 14	512
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Apr. 18	Apr. 18	1,194
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Mar. 10	Mar. 19	764
2099B	Trade-Marks, Labels, and Prints: F. A. RICHMOND {Trade-Marks	Aug. 11	Aug. 24	1,191
	{Labels and Prints	Aug. 10	Aug. 26	167
2605	Designs: H. H. KALUPY	Aug. 1	Aug. 23	745

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Appeals for the District of Columbia

MILO HASTINGS AND JAMES MANUFACTURING COMPANY

v.

COE, COMMISSIONER OF PATENTS

No. 7,014. Decided June 27, 1938

1. APPLICATION—ABANDONMENT—DELAYED PETITION FOR REVIVAL.

Where an applicant allowed his application to become abandoned in 1914 by failure to appeal from an adverse decision of the Board of Examiners-in-Chief and on a petition to revive filed in 1935 pleaded poverty existing until 1923, and that in 1935 the Supreme Court rendered decisions showing that the rejection of his claims was erroneous, *Held* that "appellant was guilty of gross laches which a court of equity will not relieve against in any of the circumstances shown to exist here" and that "it would be wholly improper now to permit appellant to invoke the powers of a court of equity to establish rights which he deliberately abandoned in the first place and thereafter cared nothing for until a decision of the Supreme Court, adverse to a later applicant for the same patent, furnished him the possible opportunity to recover profits which he now claims should originally have been his."

2. EQUITY—STALE DEMANDS.

No rule is better established than that courts of equity will not enforce "stale demands."

APPEAL from the District Court of the United States for the District of Columbia. Affirmed.

No appearance for appellants.

Mr. R. F. Whitehead for the Commissioner of Patents.

Before GRONER, Chief Justice, and MILLER, Associate Justice, and PROCTOR, District Judge

PER CURIAM:

This is an appeal from a decree dismissing appellants' bill of complaint brought under R. S. 4915 (35 U. S. C. A. 63). The undisputed facts are as follows:

On May 3, 1911, Milo Hastings, one of appellants,[1] made application for a patent for a new invention in incubating the eggs of domestic fowl. The application was rejected by the Primary Examiner and an appeal taken to the Board of Examiners-in-Chief. On March 11, 1913, the Board affirmed the action of the Examiner. Hastings took no appeal to the Commissioner within the permitted time, and as of March 13, 1914, the application was abandoned. November 19, 1935, Hastings filed with the Commissioner a petition to revive and reconsider. This was denied January 11, 1936, and the present suit challenging the decision of the Commissioner was begun March 28, 1936.

In his bill in the court below Hastings alleges that because of his poverty he was unable to prosecute an appeal from the Board to the Commissioner and that this condition continued until 1923. In justification of his failure to make the application after 1923 and until 1935, he alleges that during that period there was no court adjudication which he could have relied on as supporting a petition for the reopening or revival of his patent application. The authoritative decisions on which he now relies were announced in 1935. In the early part of that year the Supreme Court decided *Smith* v. *Snow* and *Waxham* v. *Smith*,[2] companion cases. The decisions in those cases, appellant claims, establish,—contrary to the holding of the Patent Office on his application,—that the subject matter of his invention was patentable in character; and in his brief appellant says that in *Smith* v. *James*,[3] decided in 1937, the Supreme Court held that a patent granted to one Smith in 1918 for an incubator, covering substantially the claims filed by appellant some five or six years before, was invalid in view of a prior public use of an incubator made by appellant Hastings. Appellant now says that the effect of those decisions is to show that the holding of the Patent Office with relation to his claims was erroneous and also to establish his right now to receive his patent.

The Commissioner, in his decision rejecting the petition to revive the application, said:

> Even if it be assumed that the Board of Appeals committed the grossest kind of error in affirming the Examiner's rejection of the claim, . . . still applicant had his remedy by appeal; and if he chose, as he apparently did, to accept the Board's decision, the mere fact that such decision turned out to be erroneous cannot, upon any rational theory, be held to excuse applicant from availing himself of the remedy afforded by statute.

[1] We are of opinion that the Commissioner's conclusion was correct. The abandonment of the application, we have seen, occurred in 1914. If we unqualifiedly accept appellant's statement of poverty as constituting unavoidableness within the statute,[4] it nevertheless appears affirmatively in appellant's bill that this unhappy financial condition terminated in 1923. Between the latter date and the commencement of the suit approximately 13 years elapsed without action on his part, and we find nothing in the statute or in any decision of the courts by which this delay can be justified on the ground that during that period there was no binding decision of the Supreme Court to strengthen or justify appellant's original patent claims. Approximately 23 years elapsed between the abandonment and the petition for revival. In 1930[5] Con-

[1] The other appellant, James Manufacturing Company, is such by virtue of an assignment by Hastings of an interest in the patent.

[2] 294 U. S. 1; 294 U. S. 20.

[3] 301 U. S. 216.

[4] R. S. 4894 (35 U. S. C. A. 37):

> All applications for patents shall be completed and prepared for examination within one year after the filing of the application, and in default thereof, or upon failure of the applicant to prosecute the same within one year after any action therein, of which notice shall have been given to the applicant, they shall be regarded as abandoned by the parties thereto, unless it be shown to the satisfaction of the Commissioner of Patents that such delay was unavoidable.

(By the act of March 2, 1927, 44 Stat. 1335, the time limit was decreased to six months.) In situations substantially identical to that presented here we have refused to disturb the ruling of the Commissioner. *Chessin* v. *Robertson*, 63 F.(2d) 267, 61 App. D. C. 376; *Crozier* v. *Coe*, 67 F.(2d) 692, 62 App. D. C. 320.

[5] 46 Stat. 156.

gress passed an act providing that all abandoned applications for patents on file more than twenty years might be destroyed by the Commissioner. Whether such action was taken in this case, we need not inquire since in our opinion appellant was guilty of gross laches which a court of equity will not relieve against in any of the circumstances shown to exist here.

[2] No rule is better established than that courts of equity will not enforce stale demands or, as was said by Lord Camden:[6]

> Nothing can call forth this court into activity but conscience, good faith, and reasonable diligence.

—or by Mr. Justice Brewer:[7]

> No doctrine is so wholesome, when wisely administered, as that of laches. . . . It is a doctrine received with favor, because its proper application works out justice and equity, and often bars the holder of a mere technical right, which he has abandoned for years, from enforcing it when its enforcement will work large injury to many.

See also Pomeroy's Equity Jurisprudence (4th ed.), vol. 1, sec. 419; *Wolf Mineral Process Corp.* v. *Minerals Sep. N. A. Corp.*, 18 F.(2d) 483, 490.

Without considering, therefore, the other grounds for the dismissal of the bill, we are of opinion that it would be wholly improper now to permit appellant to invoke the powers of a court of equity to establish rights which he deliberately abandoned in the first place and thereafter cared nothing for until a decision of the Supreme Court, adverse to a later applicant for the same patent, furnished him the possible opportunity to recover profits which he now claims should originally have been his.

Affirmed.

U. S. Court of Appeals for the District of Columbia

ERIC PICK AND THE PERMUTIT COMPANY
v.
COE, COMMISSIONER OF PATENTS

Nos. 6,988 and 6,989. Decided June 30, 1938

1. PATENTABILITY—ROTARY VALVE—CLAIMS BROADER THAN INVENTION.
   Where an application disclosed a rotary valve member made of vulcanized hard rubber, certain claims reciting that the valve is made of "a hard organic electrically non-conductive material providing a low coefficient of friction" or of "a material of the nature of vulcanized hard rubber," *Held* unpatentable as being broader than applicant's invention.
2. INVENTION—ADAPTATION TO NEW USE.
   "To use in a new situation a thing which has been used before in a closely similar situation commonly involves not invention but only 'obvious adaptation'; and commercial success cannot take the place of invention."
3. PATENTABILITY—ROTARY VALVE MEMBER—MATERIAL.
   Claims for a rotary valve member made of laminated synthetic plastic, for use in water softening apparatus *Held* unpatentable in view of prior art disclosing a ball valve made of the same material, for use in pumps and similar apparatus.

APPEALS from the District Court of the United States for the District of Columbia. Affirmed.

Mr. A. M. Houghton and *Mr. Kahl K. Spriggs* for Eric Pick and The Permutit Company.

Mr. R. F. Whitehead for the Commissioner of Patents.

Before GRONER, Chief Justice, and MILLER and EDGERTON, Associate Justices

PER CURIAM:

Appellant applied to the Patent Office for patents on alleged improvements in the rotary valve of a water-softening apparatus. The Office allowed a claim for making a valve member of vulcanized hard rubber, but rejected applicant's other claims. He brought a bill in equity in the district court, under 35 U. S. C. A. § 63, to require the allowance of the rejected claims. His bill was dismissed, and he appeals.

Structurally, appellant's valve is substantially the same as the patent to Eisenhauer, No. 1,831,656. The rejected claims which require discussion are for improvements in the material of the valve. These are of two sorts: (1) those which describe a valve member as made of "a hard organic electrically non-conductive material providing a low coefficient of friction," etc., or of "a material of the nature of vulcanized hard rubber," and (2) those which describe a valve member as made of "laminated synthetic plastic." We think the Patent Office and the lower court were right in rejecting these claims.

[1] (1) The first type of claim is broader than the invention. It does not meet the requirement that the invention and the process of making or compounding it be described in "full, clear, concise, and exact terms." 35 U. S. C. A. § 33. In *Holland Furniture Company* v. *Perkins Glue Company*, 277 U. S. 245, 256, 257, 48 S. Ct. 474, 72 L. Ed. 868, the Supreme Court held that—

> "an inventor may not describe a particular starch glue which will perform the function of animal glue and then claim all starch glues which have those functions . . . A claim so broad, if allowed, would operate to enable the inventor who has discovered that a defined type of starch answers the required purpose to exclude others from all other types of starch and so foreclose efforts to discover other and better types. The patent monopoly would thus be extended beyond the discovery and would discourage rather than promote invention."

The principle applies here.

[2, 3] (2) The Browne patent, 1,558,143, describes a ball valve, for use in pumps and similar apparatus,

> "composed of a plurality of layers or laminations of cotton duck or the like . . . impregnated with a phenol condensation product or other suitable adhesive substance."

Appellant's claims (Nos. 3 and 10, application 743,145) for a rotary valve describe its material as "laminated synthetic plastic" or "laminated synthetic plastic composition." His brief describes it more specifically as "laminated material made of fabric and a phenol formaldehyde condensation product," (p. 12). That it was new and useful to construct of such material the particular type of valve here involved is not questioned; but we think the Patent Office was right in holding that this substitution of material did not involve invention. To use in a new situation a thing which has been used before in a closely similar situation commonly involves not invention but only "obvious adaptation;" and commercial success cannot take the place of invention. *Textile Machine Works* v. *Louis Hirsch Textile Machines, Inc.*, 302 U. S. 490. Here only search, or research, was required. To paraphrase language which the Second Circuit Court of Appeals used and the Supreme Court adopted in the Textile Machine case, we cannot say that an art which knew the use of this material in valves for pumps required some uncommon talent to conceive of using it in valves for water-softeners.

Affirmed.

[6] *Smith* v. *Clay*, 3 Brown Ch. 638.
[7] *Naddo* v. *Bardon*, 51 F. 493.

U. S. Court of Customs and Patent Appeals

IN RE MCKEE

No. 3,938. Decided March 28, 1938

[95 F.(2d) 264]

PATENTABILITY—MEAT AND METHOD OF COOKING SAME.
Claims for a cooked meat product defined by the process of producing it *Held* patentable; and certain other claims for a method of cooking meat, which do not include the step of subjecting the meat to smoke, and claims for the resulting product *Held* unpatentable as failing to set forth all of the essential elements of the invention disclosed.

APPEAL from the Patent Office. Modified.

Mr. Roy W. Johns for McKee.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

LENROOT, *J.*:

This is an appeal from a decision of the Board of Appeals of the United States Patent Office, affirming a decision of the Examiner rejecting claims 2, 3, 4, 5, and 6 of appellant's application for a patent upon grounds hereinafter stated.

The Examiner allowed one claim, numbered 7, and the Board of Appeals reversed his rejection of claim No. 1.

Claims 2, 4, and 5 are illustrative and read as follows:

> 2. The method of cooking meat which comprises subjecting the meat to the action of heat and steam for a period of time substantially longer than is usual for the cooking of meat while said meat is held in a container under pressure, the cover of said container being disposed below the top of the sides of the container whereby natural juices of the meat rise above the cover through an aperture during the cooking process.
> 4. As a new article of manufacture, a product prepared in accordance with the method of claim 1.
> 5. As a new article of manufacture, a product prepared in accordance with the method of claim 2.

Inasmuch as claim 4 is related to allowed claim 1, we quote said last-named claim, as follows:

> 1. The method of cooking meat which comprises placing the meat in a container under pressure, the cover of said container being positioned below the top of the sides thereof and provided with a space between the cover and sides whereby juices may rise above said cover, subjecting the meat while in said container to the action of heat, smoke and steam whereby natural juices of the meat cook out and come up above the cover, absorb smoke flavor to be carried down into the meat during the smoking and cooking process, cooking until the meat is thoroughly cooked and thereafter chilling and permitting re-absorption of juice by the meat.

But one reference is cited to show the state of the art, viz, the patent to Rutherford, No. 1,837,924, December 22, 1931.

In its decision the Board of Appeals states:

> The invention relates to a method of cooking meat and the product obtained. The meat is placed in a container and compressed by a cover which fits down inside the container. This cover permits the juices of the meat to pass up over the cover within the container during cooking. The container is then placed in a smoke house. The temperature is raised to 190 to 195° F. The humidity is raised to the saturation point by introducing steam into the smoke house. Smoke is applied simultaneously. The temperature, humidity and smoke conditions are maintained until the inside temperature of the meat reaches 125° F. which requires about 3 to 6 hours. The temperature is then reduced to 160°–165° F. and the humidity is correspondingly lowered but is maintained at saturation point. These conditions are maintained for about 16 hours. During the stages of cooking the juices of the meat circulate over the cover and absorb smoke. As the juices pass down into contact with the meat the smoke is absorbed by the meat. After the cooking the container with the meat in it is chilled so that the meat will re-absorb some of the juices.

Claims 2 and 3 were rejected upon the ground that they do not include all of the essential steps of the method set forth in appellant's specification, whereby an improved product is obtained. The Board approved this holding of the Examiner, stating:

> • • • These claims define substantially nothing more than cooking meat for an extended time in a ham boiler and letting it cool in the boiler. • • •

It may be observed that neither of these claims includes the step of subjecting the meat to smoke.

We find nothing in appellant's application disclosing that the presence of smoke is not an essential element of appellant's process, but on the contrary smoke is repeatedly referred to in his specification as one of the elements of his process. After fully describing the process employed, the specification states:

> I have found that any of these products when processed at these high temperatures in the presence of smoke and saturated air for the long period of time in which I keep them in the combined cooking and smoking process, develop a very unusual and desirable flavor entirely different from any flavor which has been previously produced by other methods of cooking these products.

It is clear to us that, if claims 2 and 3 embrace invention, that invention is not disclosed in appellant's application, for there is nothing therein to indicate that the steps named in claims 2 and 3, if carried out, would result in an improved product. Furthermore, we are in agreement with the Board that claims 2 and 3 define substantially nothing more than cooking meat for an extended time in a conventional ham boiler, and in claim 3 the additional step of letting it cool in the boiler. We are in agreement with the Examiner, who held that prolonged cooking, expressed in general terms, and subsequent natural cooling by the withdrawal of heat, lies in the domain of the experienced cook rather than in that of the inventor.

We think that our observations, made in the case of *In re White*, 17 C. C. P. A. (Patents) 956, 89 F.(2d) 974, 397 O. G. 5, are here applicable; we there said:

> Appellant's product is evidently the result of using a particular formula or recipe whereby well-known ingredients are mixed or blended. His plan differs from other formulas or recipes but we think this can not be held to be patentable invention. It is a matter of common knowledge that new recipes for cooking and for the production of food products are constantly being developed by adding or eliminating well known ingredients or treating them in ways differing from former practice. To hold all these patentable would unsettle the arts of cooking and of preparing food products. It surely was not contemplated that they should come within the purview of the patent laws unless more appears than we can find in the instant case.

We find no error in the rejection of claims 2 and 3, and it follows that claims 5 and 6, which cover products defined by the processes as set out in said claims 2 and 3, respectively, are likewise unpatentable.

With regard to claim 4, a different question is presented. This claim defines a product prepared

in accordance with the method of claim 1. The Board of Appeals reversed the Examiner with respect to the rejection of claim 1, and affirmed the Examiner's rejection of claim 4. The Board stated:

> • • • The product should be defined by its characteristic instead of by the method used in its production. We believe that it could be so defined. It is not to be inferred from this that such claims are patentable. • • •

The Examiner rejected claim 4 under the rule that, with certain exceptions, a product may not be defined in a claim by the process of making it, and that appellant's product does not come within the exceptions, citing *In re Butler*, 17 C. C. P. A. (Patents) 810, 37 F.(2d) 623, 1930 C. D. 187. He further rejected the claim as being unpatentable upon the ground that appellant's product differs from the usual product, or the product shown by Rutherford, only in degree.

We will first consider the objection to claim 4 upon the ground that the product should be defined by its characteristics, and not by the method of producing it. In other words, the objection is made that appellant's product does not come within the exception to the general rule that a product claim is not allowable if the product is described by the method of producing it.

If it cannot be otherwise defined, and it is new and inventive, a product may be claimed by the process of producing it. *In re Grupe*, 18 C. C. P. A. (Patents) 1262, 48 F.(2d) 936, 1931 C. D. 475.

We are not in accord with the view of the Board that the product produced by the process set out in claim 1 can be defined by its characteristics. The Board expressed the belief that it could be so defined, but made no suggestion of how it could be done, and we can think of no definition that would define the product other than by the process of making it. Appellant's application states that the products resulting from his processes have a very unusual and desirable flavor, different from the flavor of meats prepared by other processes, but it seems to us that any attempt to describe appellant's product by its flavor, and to base a claim thereon, would properly find objection as being too vague and indefinite to distinguish it from other meat products well-known in the prior art.

It is our opinion that claim 4 is not subject to the objection that the product is not described other than by the process of producing it, for we do not think there is any other way of describing it.

The other ground of objection by the Examiner, impliedly approved by the Board of Appeals, presents a more difficult question. The Examiner held that the difference between appellant's product, produced according to the process set out in claim 1, and products known to the prior art, was only a difference in degree and not in kind. The only information we have upon that subject is the recital, in appellant's specification, that the product has a flavor that is "entirely different from any flavor which has been previously produced • • •." In view of the fact that, if claim 4 is allowed, it will afford appellant protection only for products produced according to the process set out in allowed claim 1, we think that the patentability of claim 4 is at least sufficiently doubtful to bring it within the rule that the doubt should be resolved in favor of appellant. In view of the foregoing, it is our opinion that claim 4 should be allowed.

For the reasons herein stated, the decision of the Board of Appeals is affirmed as to claims 2, 3, 5, and 6, and reversed as to claim 4.

Modified.

U. S. Court of Customs and Patent Appeals

IN RE CLARKSON

No. 3,916. Decided March 28, 1938

[95 F.(2d) 259]

1. ANTICIPATION—FOREIGN PATENT.

"It is quite true that under many authorities a certain distinction has been declared between foreign and domestic patents when used as references, but certainly there is no authority which holds that what is clearly disclosed in a foreign patent may not be combined with the disclosures of other patents to negative patentability. The rule is to the contrary." *In re Crowley*, 22 C. C. P. A. (Patents) 881; 74 F.(2d) 753, 1935 C. D. 245.

2. PATENTABILITY—DISTRIBUTION AND DIFFUSION METHODS AND DEVICES.

Claims for apparatus and claims for process of distribution and diffusion of conditioned air *Held* unpatentable over the prior art.

APPEAL from Patent Office. Affirmed.

Messrs. Williams, Rich and *Morse* (*Mr. Henry D. Williams* and *Mr. G. Willard Rich* of counsel) for Clarkson.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

JACKSON, *J.:*

Appellant appeals from the decision of the Board of Appeals of the United States Patent Office affirming that of the Examiner rejecting claims 2, 4, 6, 7, 11, 12, and 15 to 20, inclusive. Claims 2, 4, and 11 are illustrative, and read as follows:

> 2. In combination, a duct, means to draw air from said duct, means through which to discharge said air into the space served, means to draw air from the space served, and means to diffuse the air drawn from the space into the air discharged into the space after the latter has been discharged through said second-named means.
>
> 4. In a distribution and diffusing device, a fan, means adapted and arranged to direct the discharge from said fan, a second fan, and means to diffuse the discharge of said second fan into the discharge from said first mentioned means.
>
> 11. The process of delivering conditioned air into the occupied area of a room which comprises introducing the conditioned air at the top of the room, creating a stream of untreated room air in the room and directing it into said conditioned air as the latter emerges into the room, and projecting directly into the occupied zone of the room the resulting mixture of conditioned air intermingled with air drawn from said zone.

The cited references are as follows: Davis, 1,179,406, April 18, 1916; Burke, 1,750,458, March 11, 1930; Pierce, 1,837,065, December 15, 1931; Searles, 1,886,841, November 8, 1932; Burner, 2,029,153, January 28, 1936; Sulzer (French), 716,977, October 13, 1931.

Claims 11, 12, 16, and 20 are process claims, while the other claims before us define apparatus. The application relates to an apparatus and a method for drawing conditioned or fresh air through a supply duct into a room and diffusing the air introduced, together with the room air, about the room.

The disclosure of the application is described in the decision of the Board as follows:

> As illustrated in Fig. 1, conditioned air is drawn downwardly through the duct 21 by a centrifugal fan, and discharged in an outwardly and downwardly directed annular stream into the chamber or room to be ventilated, the direction of discharge being determined by the shapes of the upper and lower deflectors 6 and 7 respectively. A lower fan 13 of the propeller type causes air within the chamber to flow upwardly about the edges of the shield 11 for the heating means 12, and against the concaved surface of the lower deflector member 7. This air stream is also guided outwardly and downwardly closely adjacent the first-mentioned air stream and becomes diffused therewith. The rapidity of mixing is somewhat facilitated by the modified construction shown in Fig. 2 in which the outer edge of the lower deflector member 7 is made of scalloped form. In the Fig. 5 device the lower fan is dispensed with and suction produced by the stream delivered from the centrifugal fan is relied upon to draw a stream of room air through the annular passage formed between the deflector members 7*a* and 7*b*.

The Board affirmed one of the grounds of rejection of the claims by the Examiner which was that their subject matter did not involve invention over the references of record. In view of our conclusion, other grounds of rejection by the Examiner need not be considered here.

The Davis patent relates to a ventilating apparatus and system to provide for the admittance of fresh air through a duct at the top of a room, and its diffusion and circulation through the room with the room air. It shows several alternative forms of apparatus, one of which was relied upon by the Examiner. In this particular form the air is received through a funnel at the top of the room and flowing through a duct is discharged into a space between the ceiling proper and a false ceiling. The false ceiling is perforated with holes through which the fresh air passes. As the fresh air comes in through the said holes into the room it is mingled with a current of warm and room air, discharged through a duct by a fan. The discharge opening of the duct is in one of the walls near the false ceiling. The room air, which mingles with the warm air discharged by the fan into the room, is drawn through a lower opening of the duct near the bottom of the wall. Air at the floor is drawn through a passage in the wall flush with the floor and extending through the roof and discharged by a fan.

The patent of Pierce discloses a fan which draws air from a fresh air duct over heating coils into a brooder, and provides for continuously circulating fresh warm air through the chick-containing compartments.

The Burke patent shows a heating and ventilating system, each unit of which discloses a fan by means of which fresh air, tempered or cool, is drawn through a duct into the room and there discharged by a fan through oppositely directed discharge openings. On the lower end of the shaft of the motor another fan is attached which circulates the room air at the same time.

The patent of Burner, while it relates to refrigerating processes and apparatus, has among its objects the maintaining of continuous circulation in a storage room of fresh air, of controlled temperature, from outside or room atmosphere. This object is accomplished by means of motor driven fans which drive the air over cooling coils.

The Searles patent discloses a fan, mounted in the discharge pipe of an air heating furnace, which draws conditioned air from the pipe and discharges it into the room.

The French patent to Sulzer shows air distributing devices. Four of the six figures disclose means whereby the course of fresh air entering through a circular opening in the ceiling is turned from a straight course by deflector plates, generally conical in appearance. The air entering through the opening and deflected serves to draw to itself the air of the room, thus generating a circulation close to the apparatus. It may be noted here that Figures 1 and 5 of the application show the same type of circulation.

Apparatus claims 2, 6, 7, 17, and 18 were rejected on Davis. We cannot agree with appellant that the diffusion of the conditioned air mixed with room air can be accomplished only by some such apparatus as the claims show. In the Davis patent the fresh air that passes through the perforations in the false ceiling mingles with the warm air and room air that is blown into it. Mixture of the different airs seems inevitable, and stratification would appear to be impossible. Circulation is clearly shown by the fans and ducts.

The device in the Davis patent does not provide for the drawing in of conditioned air by means of a fan as does the device of the claims. In the patent, the air comes in through a cowl upon which is affixed a vane so that the mouth of the cowl always is presented to the air current and the volume of air entering the room is controlled by a damper. The use of a fan to draw air from a duct is not new. It is disclosed by both the Pierce and Searles patents. Since the Davis patent calls for the use of a fan in discharging the mixture of warm air and room air into the conditioned air, we are of opinion, as was held by both tribunals below, that it would not amount to invention to similarly use a fan in the conditioned air duct of the patent.

Apparatus claim 19 was rejected over Figure 6 of the Sulzer patent. While the patent does not show fans, nevertheless it does show the same type of air circulation. The use of a fan is nothing unobvious if it should be desired to increase the volume of air moved inwardly and upwardly. It appears to us that the addition of the fans would make the device and method of the patent practically identical to the device and method of claim 19.

Apparatus claims 4 and 15 were rejected on the Burke patent taken in connection with Sulzer. It is clear that Burke shows a fan apparatus drawing conditioned air into the room, the discharge of the air in opposite directions and circulating it together with room air by a second fan, and the Sulzer patent discloses the same type of mixing room air and conditioned air in circulation, as is shown in the claims. We are of opinion there is no error in the decision of the Board in applying the two references to claims 4 and 15.

Process claims 11, 12, and 16 were rejected on the Sulzer patent. The process in the patent shows the delivery of conditioned air at the top of the room. The said air creates a current of room air which mingles with the conditioned air, and the mixture becomes diffused throughout the room. We think the rejection of these claims was proper.

Process claim 20 was rejected as reading on the Davis patent. This claim is based on claim 11—

"with the added step that said stream of untreated room air is changed in temperature before mixing with said conditioned air."

This step is so clearly disclosed in the Davis patent, upon which claim 11 was rejected, that we deem it unnecessary to discuss it.

Appellant questions the propriety of combining the Davis and Sulzer patents with other references, in which combinations "the usefulness of the Davis and Sulzer devices is destroyed." Even if the usefulness of the patent devices were destroyed, which we cannot concede, nevertheless we are of opinion that the law in this respect is well settled in *In re Nielsen*, 23 C. C. P. A. (Patents) 783, 80 F.(2d) 71, 1936 C. D. 133, where the court held—

the question is simply whether it required invention to introduce a snap acting valve controlling device of known structure, into the jack organization of the prior art, in place of another valve operating means.

There is nothing here, as we see it, that requires invention to introduce fans, as shown in other references, into the operating means of Davis or Sulzer, to anticipate the rejected claims.

[1] Appellant appears to argue that because the Sulzer patent is a foreign patent it may not be cited as a reference unless it discloses everything shown in a claim. The rule has been clearly laid down by this court in *In re Crowley*, 22 C. C. P. A. (Patents) 881, 74 F.(2d) 753, 1935 C. D. 245, as follows:

It is quite true that under many authorities a certain distinction has been declared between foreign and domestic patents when used as references, but certainly there is no authority which holds that what is clearly disclosed in a foreign patent may not be combined with the disclosures of other patents to negative patentability. The rule is to the contrary.

The bringing in of conditioned air into a room, its mingling with room air, and the circulation of the mixture, are clearly disclosed in the Sulzer foreign patent. The type of mixture and circulation in the patent is the same as that of the appealed claims. The device of the patent is not materially different from that of the appealed claims except that there are no fans shown in the foreign patent. Taking the Sulzer patent for what it clearly discloses and combining thereto the fans of other cited references is proper here.

[2] We find no error in the decision of the Board of Appeals, and it is affirmed.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,639,928, S. H. Cohen, Attachment for sweaters, D. C., E. D. Pa., Doc. 8445, *Jerry-J, Inc.*, v. *Puritan Knitting Mills, Inc., et al.* Dismissed without prejudice Aug. 8, 1938.

1,720,961, B. Lindberg, Dry-cleaning washer, filed Aug. 3, 1938, D. C., S. D. N. Y., Doc. E 87/304, *U. S. Hoffman Machinery Corp.* v. *Colonial Dye Works, Inc.*

1,781,296, A. Milhomme, Method of treating textile fabric, D. C., S. D. N. Y., Doc. E 87/297, *Progressive Silk Finishing Co.* v. *Hess Goldsmith & Co., Inc.* Consent order of discontinuance (notice Aug. 4, 1938).

1,791,175, W. E. Tomlinson, Feeding device, D. C., E. D. Mich. (Detroit), Doc. 7824, *W. E. Tomlinson* v. *Crowley Milner & Co.* Dismissed Aug. 1, 1938.

1,807,033, H. J. Hansen, Closure lock, filed Aug. 2, 1938, D. C., E. D. Ky. (Catlettsburg), Doc. E 1633, *The Hansen Lock Co. et al.* v. *Snap-Up Gas Cap Co.*

1,824,636, R. E. Tilles, Hosiery, filed July 29, 1938, D. C., E. D. Pa., Doc. 10075, *Gotham Silk Hosiery Co., Inc.*, v. *Industrial Hosiery Mills, Inc.*

1,871,774, Blum & Moore, Jr., Advertising folder, filed July 23, 1938, D. C., E. D. Pa., Doc. 10067, *Chas. Blum Advertising Co.* v. *L. & C. Mayers Co., Inc.*

1,894,147, G. H. Barber, Flashlight bottom cap, D. C., S. D. N. Y., Doc. E 85/383, *Bond Electric Corp.* v. *U. S. Electric Mfg. Corp.* Discontinued without prejudice (notice Aug. 2, 1938).

1,931,313, O. Barnack, Coupling between objective adjustment and distant gage in cameras, filed Aug. 5, 1938, D. C., S. D. N. Y., Doc. E 87/307, *E. Leitz* v. *Hugo Meyer & Co., Inc.*

1,960,868, R. F. de Boer, Removable ash receiver, filed Aug. 2, 1938, D. C., W. D. Mich. (Grand Rapids), Doc. E 2834, *F. L. Jacobs Co. et al.* v. *Applied Arts Corp. et al.*

2,025,973, E. S. Cornell, Jr., Hollow wrought metal bodies and method of making same, filed July 25, 1938, D. C., E. D. Pa., Doc. 10069, *American Radiator Co.* v. *A. Schnyder (National Pipe Supply Co.)*.

2,102,462, T. L. Howell, Hanger, filed Aug. 3, 1938, D. C., E. D. N. Y., Doc. E 8585, *K. Versen* v. *Silvray Lighting, Inc.*

2,110,118, Robertson & Staples, Fabric and method of and apparatus for treating same, filed June 29, 1938, D. C. R. I., Doc. E 598, *Mount Hope Finishing Co.* v. *Greenwich Bleachery, Inc.* Same, filed July 22, 1938, D. C., S. D. N. Y., Doc. E 87/279, *Mount Hope Finishing Co.* v. *Rhode Island Mills, Inc.*

2,110,119, A. W. Becker, Number plate, filed June 13, 1938, D. C. Conn. (New Haven), Doc. E 2703, *The Becker Permanent Plate Co.* v. *L. Meyers.*

2,110,382, J. H. Martin, Means for attaching hooks to fishing lures, filed June 22, 1938, D. C., W. D. Wash. (Seattle), Doc. 1222, *J. H. Martin* v. *R. Velez et al.* Injunction July 25, 1938.

2,115,022, W. Kastner, Spring band construction, filed July 29, 1938, D. C., E. D. N. Y., Doc. E 8576, *Forstner Chain Corp.* v. *Krischer Trading Corp.*

2,117,519, B. L. Snyder, Grille guard for automobiles, filed July 19, 1938, D. C., E. D. Pa., Doc. 10061, *B. L. Snyder* v. *B. Barton et al. (Barton Supply Co.)*.

Re. 15,462, M. Ratel, Automatic stoker of the underfeed type, filed Aug. 8, 1938, D. C., E. D. Mich. (Detroit), Doc. 8496, *M. Ratel* v. *Detroit Stoker Co.*

Re. 16,157, J. C. Hinshaw, Trailer truck, D. C., N. D. Ill., E. Div., Doc. 13749, *Mercury Mfg. Co.* v. *The Globe Co.* Dismissed without prejudice June 22, 1938.

Re. 17,202, W. R. Brookins, Liquid measure, D. C., S. D. Ohio, W. Div., Doc. E 403, *The Cincinnati Ball Crank Co.* v. *The Huffman Mfg. Co.* Bill of complaint, counterclaim contained in answer, and supplemental bill dismissed May 26, 1938.

Re. 17,602, R. O. Nelson, Variable traffic signal, C. C. A., 2d Cir., Doc. —, *The Engineering & Research Corp. et al.* v. *Horni Signal Mfg. Corp.* Affirmed in part and reversed in part (notice July 25, 1938).

Re. 18,426, L. B. Willoughby, Method and means of packeting dough, D. C., N. D. Calif. (San Francisco), Doc. E 4254-L, *Ballard & Ballard Co.* v. *Mary Allan Foods, Inc., et al.* Dismissed without prejudice June 25, 1938.

Re. 18,667, W. J. Dennis, Vermifuge and insecticide. D. C., E. D. Wis. (Milwaukee), Doc. 5127, *W. J. Dennis et al.* v. *L. E. Pitner et al. (Agicide Laboratories)*. Patent held valid July 5, 1938.

Re. 19,445, E. F. Chandler, Remote control system, filed July 29, 1938, D. C., E. D. Wis. (Milwaukee), Doc. 5325, *E. F. Chandler et al.* v. *Cutler Hammer, Inc.*

Re. 19,999, Grob & Grob, Filing machine, filed July 30, 1938, D. C., E. D. Wis. (Milwaukee), Doc. 5327, *B. Grob et al.* v. *Briggs & Stratton Corp.*

Re. 20,713, H. H. Hoke, Jr., Coin controlled machine, filed June 1, 1938, D. C. Md., Doc. E 2545, *H. H. Hoke, Jr.*, v. *M. Boosalis et al.* Same, filed June 10, 1938, D. C. Md., Doc. E 2548, *H. H. Hoke, Jr.*, v. *J. A. McDaniel et al.* Doc. E 2549, *H. H. Hoke, Jr.*, v. *J. Calcutt.*

Des. 87,097, J. J. Klecka, Finger ring, filed June 28, 1938, D. C., S. D. N. Y., Doc. E 87/191, *J. R. Wood & Sons, Inc.*, v. *F. Umschneider et al. (U. B. & S. Co.)*.

Des. 94,874, M. Chernow, Alphabet for forming monograms, D. C., S. D. N. Y., Doc. E 80/294, *M. Chernow et al.* v. *Coro Gram, Inc.* Dismissed for lack of prosecution (notice July 26, 1938).

Des. 96,825, R. C. Epworth, Fan, D. C., S. D. N. Y., Doc. E 87/32, *R. C. Epworth* v. *Einson-Freeman Co., Inc.* Discontinued (notice July 23, 1938).

Des. 98,555, C. A. Stuart, Back rest for a studio couch, D. C., N. D. Ga. (Atlanta), Doc. E 819, *Simmons Co.* v. *Southern Spring Bed Co.* Consent decree (notice June 24, 1938).

Des. 100,334, C. O. Musser, Marimba, filed June 21, 1938, D. C., N. D. Ill., E. Div., Doc. 16120, *J. C. Deagan, Inc.*, v. *Ludwig & Ludwig, Inc.*

Des. 100,590, E. A. Wangersheim, Socket support for chandelier, D. C., N. D. Ill., E. Div., Doc. 15770, *General Lighting Studios* v. *Chandelier Specialty Mfg. Co. et al.* Dismissed May 26, 1938.

Des. 101,096, M. *Richter*, Dress, D. C., S. D. N. Y., Doc. E 84/122, *Richter & Decker, Inc.*, v. *B. Fox et al. (Merit Dress Co.)*. Dismissed for lack of prosecution June 8, 1938.

Des. 101,424, D. W. Price, Dress, D. C., S. D. N. Y., Doc. E 84/69, *Price-Schlesinger, Inc.*, v. *B. Fox et al. (Merit Dress Co.)*. Dismissed for lack of prosecution June 8, 1938.

Des. 101,894, W. Steinman, Dress ensemble, D. C., S. D. N. Y., Doc. E 84/179, *W. Steinman* v. *Waltztime Dance Frocks, Inc.* Dismissed for lack of prosecution (notice June 8, 1938).

Des. 102,010, W. G. Steinman, Dress, D. C., S. D. N. Y., Doc. E 84/195, *W. Steinman* v. *Waltztime Dance Frocks, Inc.* Dismissed for lack prosecution (notice June 8, 1938).

Des. 102,203, J. A. Comstock, Electric transformer, D. C., N. D. Ohio, E. Div., Doc. E 5603, *The Acme Electric & Mfg. Co.* v. *The Frame Mfg. Co.* Dismissed May 27, 1938.

Des. 102,487, L. H. Mendelsohn, Hosiery, D. C. N. J., Doc. E 5813, *Excello Hosiery Mills* v. *Saks & Co., Inc.* Discontinued Mar. 17, 1938.

Des. 102,677, E. J. Das, Textile fabric, D. C. Hawaii (Honolulu), Doc. E 722, *E. J. Das et al.* (*"East India Stores"*) v. *B. Tarachand et al.* (*"Bombay Bazar"*). Patent held infringed, injunction May 21, 1938.

Des. 102,680, J. B. Freysinger, Buckle, D. C., S. D. N. Y., Doc. E 85/69, *North & Judd Mfg. Co.* v. *J. P. Carmel.* Consent decree dismissing bill without prejudice (notice June 14, 1938).

Adjudicated Patents

(C. C. A. Minn.) Arnao patent, No. 1,421,756, for massage apparatus, claims 9 and 10 *Held* invalid. *Larx Co.* v. *Gibbs & Co.*, 97 F.(2d) 924.

(D. C. N. Y.) Latour patent, No. 1,614,136, for thermionic amplifying apparatus, claims 9 and 11 *Held* not infringed. *Latour Corporation* v. *E. B. Latham Co.*, 23 F. Supp. 869.

(C. C. A. Okla.) Scott and Weilenseik patent, No. 1,647,753, for drill cutter, claims 2 to 5 *Held* valid and infringed. *Chicago Pneumatic Tool Co.* v. *Hughes Tool Co.*, 97 F.(2d) 945.

(D. C. N. Y.) Fullman patent, No. 1,769,947, for connecter for electrical conduits, claim 1 *Held* valid, and claim 2 *Held* invalid. *Thomas & Betts Co.* v. *Electrical Fittings Corporation*, 23 F. Supp. 920.

(D. C. R. I.) Domler patent, No. 1,966,063, for bracelet connecter, claims 1, 2, 5, and 6 *Held* infringed. *Hadley Co.* v. *Providence Stock Co.*, 23 F. Supp. 915.

(C. C. A. Minn.) Davis patent, No. 1,982,905, for scalp steamer, claims 1 and 3 *Held* invalid and not infringed even if valid. *Larx Co.* v. *Gibbs & Co.*, 97 F.(2d) 924.

(D. C. N. J.) Frech patent, No. 2,033,699, for electric projection lamp, claims 10 to 14 *Held* invalid. *General Electric Co.* v. *Yablonsky*, 23 F. Supp. 805.

(D. C. N. Y.) Samuels patent, No. 2,095,223, for fan, claims 1 to 10, 13, and 18 *Held* not infringed if so construed as to be valid. *Samson-United Corporation* v. *Sears, Roebuck & Co.*, 23 F. Supp. 971.

(D. C. N. Y.) Latour reissue patent, No. 16,461, for audion or lamp relay or amplifying apparatus, claims 1, 11, 15, and 18 *Held* valid and infringed. *Latour Corporation* v. *E. B. Latham Co.*, 23 F. Supp. 869.

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,985,617, H. E. Morton, Distributor head, decided September 8, 1938, claim 4.

Pat. 2,086,802, R. R. Hays, Hinge differential for rotative wing aircraft, decided September 7, 1938, claim 1.

Pat. 2,087,643, E. H. J. C. Gillett, Automobile transmission and control system, decided August 9, 1938, claim 2.

Pat. 2,100,494, R. L. Sparks, Equalizing connection for refrigeration systems, decided September 2, 1938, claims 3 and 4.

Disclaimers

2,000,275.—*Rudolph F. De Boer*, Grand Rapids, Mich. ASH RECEIVER. Patent dated May 7, 1935. Disclaimer filed August 31, 1938, by the assignee, *Applied Arts Corporation.*

Hereby enters this disclaimer to claim 7 of said patent in its entirety.

2,069,887.—*Albert F. Laudensack*, New Haven, Conn. SEAR-MECHANISM FOR FIREARMS. Patent dated February 9, 1937. Disclaimer filed September 2, 1938, by the patentee, the assignee, *Winchester Repeating Arms Company*, concurring.

Hereby disclaims claims 1, 2, 5, and 7.

T. M. 189,945.—*Greenebaum, Weil & Michels*, San Francisco, Calif. BELTS FOR PERSONAL WEAR, SUSPENDERS, HOSIERY, AND ARM BANDS. Registered September 30, 1924. Disclaimer filed August 18, 1938, by the registrant.

Hereby disclaims the mark "University" insofar as hosiery in Class 39, Clothing, is concerned.

T. M. 190,297.—*Greenebaum, Weil & Michels*, San Francisco, Calif. ARM BANDS OF THE TYPE COMMERCIALLY CALLED ARMLETS, SUSPENDERS, HOSIERY, AND BELTS FOR PERSONAL WEAR. Registered October 14, 1924. Disclaimer filed August 18, 1938, by the registrant.

Hereby disclaims the mark "University" insofar as hosiery in Class 39, Clothing, is concerned.

Changes in Classification

Order No. 3,441, September 10, 1938, directs:

In *class 83, Mills* (Division 25) abolish the following subclass:

73 **Mortar mixers.**

The patents formerly contained in this subclass have been placed for the most part in class 259, Agitating, subclasses 145 to 180, established in this order.

In *class 94, Roads and Pavements* (Division 33), abolish the following subclasses with their definitions:

Apparatus
Material preparation
41 Combined machines, Material heating and treating
43 Mixers.

The patents formerly contained in these subclasses have been placed for the most part in subclasses 40 and 42 of class 94, and in class 259, Agitating, subclasses 145 to 180, established in this order.

In *class 259, Agitating* (Division 32), immediately following subclass 1, establish the following subclasses and definitions:

145 **Mortar mixers**
146 Processes
147 Gas incorporating, fluid mixing, discharging, and/or conveying,
148 Combined
149 With ingredient proportioning,
150 Gravity type,
151 Gas incorporating, fluid mixing, discharging, and/or conveying,
152 Plural,
153 Combined
154 With ingredient proportioning,
155 With heat exchange (or drier)
156 Combined heated mixer and ingredient preheater,
157 Heated mixer
158 Hot gases to interior,
159 Ingredient preheater,
160 With elevating means,
161 With feeding and discharging
162 Interrelated
163 With automatic control means,
164 With feeding
165 Plural feed
166 Skip and liquid,
167 Skip,
168 Liquid,
169 With discharging
170 With control means,
171 Movably mounted dumping receptacle,
172 Movable chute,
173 Movable receptacle
174 With stirrer,
175 Rotatable
176 With supporting structure
177 With actuating means,
178 Movable stirrer
179 Plural stirrer shafts.
180 **Gravity type.**

145. Apparatus peculiarly adapted for mixing mortar, asphaltic and hydraulic cement concretes and the like; also the corresponding methods.
(1) Note.—For lime hydrators, see class 23, CHEMISTRY, subclasses 188, 189 and 287.
(2) Note.—For apparatus for stirring and mixing coating material, see class 91, COATING, subclass 57.
(3) Note.—For apparatus for preparing paving materials and/or distributing such material on a roadway, see class 94, ROADS AND PAVEMENTS, subclass 39 and indented subclasses.

146. Physical processes of mixing mortar, asphaltic or hydraulic cement concretes and the like.
(1) Note.—Processes of mixing under pressure or in a vacuum have been considered to be a combination for purposes of classification and will be found in this class, subclasses 148 and 149.
(2) Note.—For processes of making artificial stone, which are tied up with particular compositions, see class 106, PLASTIC COMPOSITIONS, subclass 24 and indented subclasses.

147. Processes under subclass 146 comprising a step or steps of, (1) incorporating air or gas with the product, or (2) mixing, discharging, and/or conveying the product through the medium of a fluid.
(1) Note.—For corresponding apparatus, see this class, subclass 151.
(2) Note.—For pneumatic feeding of general application, see class 302, CONVEYERS, FLUID CURRENT.

148. Processes under subclass 146 involving combinations of mixing steps with other steps relating to the preparation of the material for mixing, the feeding of the material to the mixing zone, and/or the discharging of the material from such zone.
(1) Note.—This subclass includes processes of mixing mortar under vacuum or pressure.
(2) Note.—For process combinations involving gas incorporating, fluid mixing, discharging, and/or conveying, see this class, subclass 147.

149. Processes under subclass 148 including steps of proportioning the ingredients to be mixed.
Note.—For corresponding apparatus, see this class, subclass 154.

150. Mixing devices under subclass 145 wherein the mixing is effected by the single passage of gravity-impelled streams of materials through intersecting paths or over baffles or the like obstructions which may be either stationary or movable. The term "single passage" is construed to exclude mixers such as those having rotating or oscillating receptacles which effect mixing by lifting and dropping the material over a baffle or baffles a plurality of times.
Note.—For similar mixers of general application, see this class, subclass 180.

151. Mixing devices under subclass 145 for, (1) incorporating air or gas with the material, or (2) having means for mixing, discharging, and/or conveying the material through the medium of a fluid.
(1) Note.—For corresponding processes, see this class, subclass 147.
(2) Note.—For apparatus for heating ingredients during mixing by direct application of heated gases thereto, see this class, subclass 158.
(3) Note.—For pneumatic feeding in general, see class 302, CONVEYERS, FLUID CURRENT.

152. Mixing devices under subclass 145 comprising two or more separate mixers. The mixers may be serial or in parallel and may be concentrically arranged.
(1) Note.—For purposes of this classification, mere partitioned mixers are considered to be single mixers.
(2) Note.—For single mixers combined with ingredient preheaters having means to agitate during preheating, see this class, subclasses 156 and 159.
(3) Note.—For plural receptacle agitators of general application, see this class, subclass 48 and indented subclasses.

153. Mixing devices under subclass 145 combined with means for preparing the material for mixing, feeding the material to the mixing zone, and/or discharging the material from such zone.
(1) Note.—Devices for mixing under pressure or in a vacuum are considered combinations and are classified here.
(2) Note.—For corresponding processes, see this class, subclass 148.
(3) Note.—For combinations of mortar mixers and grinding mills, see class 83, MILLS, subclass 93.
(4) Note.—For combinations of mortar mixers and means for applying or distributing the mixed materials upon a roadway or treating the roadway, see class 94, ROADS AND PAVEMENTS, subclass 40 and indented subclasses.
(5) Note.—For consistency measuring devices adapted for use on a mixer and including no more mixer structure than is necessary to mount the measuring device, see class 265, FORCE-MEASURING, subclass 11, where mechanical, and class 175, ELECTRICITY, GENERAL APPLICATIONS, subclass 183, where electrical.

154. Combined devices under subclass 153 comprising means for proportioning the ingredients either by weight or by volume.
(1) Note.—For corresponding processes, see this class, subclass 149.
(2) Note.—For proportioning means per se, see class 137, WATER DISTRIBUTION, subclass 165; class 221, DISPENSING, subclasses 96 and 122; and class 249, AUTOMATIC WEIGHERS, subclass 14.

155. Combined devices under subclass 153 comprising means in heat exchanging relation to the materials before, during, and/or after the mixing operation.
(1) Note.—For driers wherein heat is applied to materials during agitation thereof, see class 34, DRIERS.
(2) Note.—For devices for heating and melting road materials during agitation, see class 94, ROADS AND PAVEMENTS, principally subclass 42.
(3) Note.—For furnaces for treating materials including agitation, see class 263, HEATING, subclass 21 and indented subclasses.

156. Combined devices under subclass 155 comprising means for heating the material both prior to and during the mixing thereof.

157. Combined devices under subclass 155 comprising means for applying heat to the material in the mixing receptacle.
Search also this class, subclass 156.

158. Combined devices under subclass 157 comprising means for heating the materials by passing hot gases to the interior of the mixing receptacle.
(1) Note.—For devices applying gases to the interior of the mixer receptacle for purposes of agitation or incorporation of the gases into the material, see this class, subclass 151.
(2) **Search also this class,** subclass 156.

159. Combined devices under subclass 155 comprising means for applying heat to one or more of the materials prior to mixing. The material may be subjected to agitation during the preheating operation.
Note.—Compare with this class, subclass 152.

160. Combined devices under subclass 153 comprising means for bodily raising and lowering the mixer receptacle as a unit to convey the receptacle from a charging station to a discharging station.
(1) Note.—For mixer receptacles which merely tilt to dump, see this class, subclass 171.
(2) Note.—For elevating means per se, see classes 212, THAVERSING HOISTS, 214, MATERIAL OR ARTICLE HANDLING, and 254, PUSHING AND PULLING IMPLEMENTS.

161. Combined devices under subclass 153 comprising means for feeding material into the mixer receptacle and removing material therefrom.
(1) Note.—For purposes of this classification, the term "feeding" has been limited to positively feeding aggregates or conducting liquid to the mixer receptacle. Similarly the term "discharging" has been limited to movement of instrumentalities to effect the removal of material from the mixer receptacle.
(2) Note.—For proportioning and feeding of ingredients, see this class, subclass 154.
(3) Note.—For feeding and discharging in combination with agitators of general application, see this class, subclass 2 and indented subclasses.

162. Combined devices under subclass 161 comprising means for mechanically or otherwise connecting the feeding and discharging means to operate in a related manner.

163. Combined devices under subclass 162 comprising automatic means, (1) directly to control the operation of the feeding and discharging means, or (2) to control the enabling or disabling of devices for manually controlling feeding and discharging means.
(1) Note.—For timing devices per se, see class 161, TIME CONTROLLING MECHANISM.
(2) Note.—For rotation counters with alarm or predetermined stop mechanism, see class 235, REGISTERS, subclasses 128 and 132.

164. Combined devices under subclass 153 comprising means for positively feeding the aggregate or for conducting liquid to the mixer.
(1) Note.—Feeding combinations including screens are included.
(2) Note.—For feeding with agitating in general, see this class, subclasses 2 and 11 and their indented subclasses.
(3) Note.—For hopper discharging feeders per se, see class 221, DISPENSING, subclass 118 and indented subclasses.

165. Combined devices under subclass 164 comprising means for feeding a plurality of streams of materials.
Note.—For feeding ingredients with proportioning thereof, see this class, subclass 154.

166. Combined devices under subclass 165 comprising a skip or tilting bucket for feeding aggregate, and means for feeding a liquid.
Note.—For skip handling structures per se, see class 214, MATERIAL OR ARTICLE HANDLING, and appropriate subclasses.

167. Combined devices under subclass 164 comprising a skip or tilting bucket for feeding aggregate.
(1) Note.—For skip structure per se, see class 214, MATERIAL OR ARTICLE HANDLING, particularly subclass 65 and indented subclasses.
(2) **Search also this class,** subclass 166.

168. Combined devices under subclass 164 comprising means for conducting liquid to the mixing zone.
Note.—For tank type charge measuring and delivering means per se, see class 73, MEASURING AND TESTING, subclasses 217–226, and class 137, WATER DISTRIBUTION, subclass 21 and indented subclasses.

169. Combined devices under subclass 153 comprising, (1) means movable to remove mixed material from the mixing receptacle, or (2) means movably mounting the mixing receptacle to effect discharge thereof.
(1) Note.—For means for discharging the material by means of a fluid medium, see this class, subclass 151.
(2) Note.—For discharging with agitating in general, see this class, subclasses 2 and 28 and their indented subclasses.
(3) Note.—For plastering machines, see class 72, MASONRY AND CONCRETE STRUCTURES, subclass 130.
(4) Note.—For mixers combined with means for distributing materials upon a roadway, see class 94, ROADS AND PAVEMENTS, subclass 40.

170. Combined devices under subclass 169 comprising automatic means, (1) directly to control the discharging means, or (2) to control the enabling or disabling of devices for manually controlling the discharging means.
Note.—For intercontrol of feed and discharge, see this class, subclass 163. See also the notes following the subclass definition.

171. Combined devices under subclass 169 comprising means movably mounting the mixer receptacle so that it may tilt and discharge its contents.
(1) Note.—For mixers which are bodily elevated from a loading to a discharging position, see this class, subclass 160.
(2) Note.—For oscillatable mixers which move to an extreme position to dump, see this class, subclass 173.
(3) Note.—For tilting dumping vehicles, see class 298, LAND VEHICLES, DUMPING.

172. Combined devices under subclass 169 comprising a chute which is movable relatively to the mixer receptacle to effect discharge therefrom.
Note.—For chutes per se for discharging rotary drums, see class 193, CONVEYERS, CHUTES, SKIDS, GUIDES, AND WAYS, subclass 10.

173. Mixing devices under subclass 145 wherein mixing is effected by movement of the mixer receptacle.
(1) Note.—For mixer receptacles which are moved bodily by elevating means which also move the receptacle to effect mixing, see this class, subclass 160.
(2) Note.—For agitators of general application with moving receptacles, see this class, subclasses 3, 12, 29, 49, 54, and 72 and indented subclasses.

174. Mixing devices under subclass 173 wherein mixing is effected by one or more stirrers in the mixing receptacle.

175. Mixing devices under subclass 173 wherein the receptacle is rotatable.

176. Mixing devices under subclass 175 wherein means is included for supporting the receptacle for rotation.

177. Mixing devices under subclass 176 wherein means is provided for rotatably actuating the receptacle.

178. Mixing devices under subclass 145 comprising one or more movable stirrers in a single mixing receptacle.
Search this class, subclass 174, for movable stirrers mounted in movable mixing receptacles.

179. Mixing devices under subclass 178 comprising two or more stirrer shafts with agitator units thereon.

180. Mixing devices not elsewhere provided for wherein mixing is effected by the single passage of gravity impelled streams of materials through intersecting paths or over baffles or the like obstructions which may be either stationary or movable. The term "single passage" is construed to exclude mixers such as those having rotating or oscillating receptacles which effect mixing by lifting and dropping the material over a baffle or baffles a plurality of times.
Search also this class, subclass 150.

The patents contained in these subclasses have been taken for the most part from class 83, Mills, subclass 73, abolished in this order; from class 94, Roads and Pavements, subclasses 41 and 43, abolished in this order, and from various subclasses in class 259.

In *class 259, Agitating* (Division 32), in the main class definition cancel the first note and renumber the remaining notes; in subclass 2, renumber note "(4)" as (5) and add the following note:

(4) **Search also this class,** subclass 161 and indented subclasses;

in subclass 3, under "Search classes" cancel the reference to class 94, Roads and Pavements; in subclass 11, renumber note "(3)" as (4) and add the following note:

(3) **Search also this class,** subclasses 2, 161, and 164 and their indented subclasses;

in subclass 28, renumber note "(3)" as (4), and add the following note:

(3) **Search also this class,** subclasses 2, 161, and 169 and their indented subclasses;

in subclass 48, renumber note "(3)" as (4) and add the following note:

(3) **Search also this class,** subclass 152;

in subclass 72, in note (1) change "11, 28 and 48" to read *11, 28, 48 and 173;* and in subclass 126, in note (1), add subclasses *174 and 178.*

In *class 91, Coating* (Division 46), subclass 57, in note (2) following the definition cancel the reference to class 83, Mills, and class 94, Roads and Pavements.

In *class 92, Paper Making and Fiber Liberation* (Division 56), subclass 20, in note (2) cancel the reference to class 83, Mills, and class 94, Roads and Pavements; and in the note following the definition of subclass 37 cancel the reference to classes 83, Mills, and 94, Roads and Pavements.

In *class 106, Plastic Compositions* (Division 38), subclass 24, add the following note:

Note.—For physical processes of mixing mortars and asphaltic and hydraulic cement concretes which are clearly distinct from the composition, see class 259, AGITATING, subclass 146 and indented subclasses.

In *class 107, Bread, Pastry and Confection Making* (Division 20), under "Search classes" in subclasses 36, 38 and 40, in the reference to class 83, Mills, cancel subclass 72.

In *class 119, Animal Husbandry* (Division 2), in subclass 73 under "Search classes" change the reference to class 126 to read:

126—STOVES AND FURNACES, subclass 360, and subclasses indented under WATER-HEATERS, SUBMERGED, and class 219, ELECTRIC HEATING, subclass 38 and indented subclasses, for tank and trough heaters per se.

In *class 193, Conveyers, Chutes, Skids, Guides, and Ways* (Division 4), in note (4) following the main class definition in the reference to class 83, Mills, cancel subclass 73; cancel definitions numbered 3.5 and 3.6; and in subclass 10 cancel the existing note and substitute therefor the following:

Note.—For chutes combined with significant agitating means, see class 259, AGITATING, particularly subclass 172.

In *class 195, Chemistry, Fermentation* (Division 63), subclass 145, in note (2) in the reference to class 83, Mills, cancel subclass 73.

In *class 198, Conveyers, Power Driven* (Division 4), subclass 168, renumber note "(6)" as (7) and add:

(6) Note.—See class 210, LIQUID SEPARATION OR PURIFICATION, subclass 176, for similar devices for cleaning flume screens.

In *class 210, Liquid Separation or Purification* (Division 49), subclass 176, add the following note:

Note.—For endless pusher type conveying devices per se, see class 198, CONVEYERS, POWER DRIVEN, subclass 168 and indented subclasses.

In *class 249, Automatic Weighers* (Division 36), subclass 14, add the following note:

Note.—For proportioning of concrete ingredients by weight combined with agitation, see class 259, AGITATING, subclasses 149 and 154.

In *class 260, Chemistry, Carbon Compounds* (Divisions 6 and 31), change the titles of subclasses 454 and 607 to read as follows:

Carbocyclic or acyclic
Esters and processes of making same
454 Thiocyanic acid or isothiocyanic acid, Hydrocarbons
607 Hydrogenation of aromatic compounds;

in subclass 333, in note (1), change "cineol, eucalyptol, and hydrastinine" to read *cineol and eucalyptol;* and in subclass 501 in note (2) insert after "salts" the following:

or inorganic acid addition salts.

In class *263, Heating* (Division 3), in note (3) of the main class definition cancel the reference to class 94, Roads and Pavements, subclass 43.

In *class 302, Conveyors, Fluid Current* (Division 4), in the note following subclass 17 cancel the reference to class 83, Mills, subclass 73, and add following "243, Pneumatic Despatch":

259, Agitating, subclasses 147 and 151;

and in subclass 63 under "Search classes" cancel the reference to class 83, Mills.

Notice of Cancellation

U. S. PATENT OFFICE, *Washington, D. C., Aug. 27, 1938.*

Felix Hertz, his assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Oshkosh Trunks, Inc., Oshkosh, Wis., to effect the cancellation of trade-mark registration No. 180,895, issued March 11, 1924, to Felix Hertz, 60–62 Lispenard Street, New York, N. Y., and a notice of such proceeding sent by registered mail to said Felix Hertz at said address having been returned by the post office as undeliverable, notice is hereby given that unless said Felix Hertz, his assigns or legal representatives, shall enter an appearance within thirty days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

BULLETIN OF DECISIONS OF PATENT OFFICE ON TRADE-MARKS, LABELS, AND PRINTS

RENDERED DURING AUGUST, 1938

EX PARTE WAMSUTTA MILLS, Serial No. 361,640.

In a decision rendered August 8, 1938 (163 Ms. Dec. 105), *Assistant Commissioner Frazer* held that Wamsutta Mills, of New Bedford, Mass., is entitled to register, under the act of 1920, the notation "Equi-Tension" as a trade-mark for men's negligee shirts, shorts and pajamas.

In his decision, after noting that the Examiner had refused to register the mark on the ground that the notation "does not function as a trade-mark," the Assistant Commissioner said:

"Admittedly the mark is descriptive of the goods, but if it also has trade-mark significance that is no bar to its registration under the 1920 act. As it is not an expression that would ordinarily be used in connection with such goods, I am not convinced that it is without trade-mark significance. In fact I think the showing made by applicant is quite persuasive that the mark is recognized in the trade as indicating the origin of applicant's merchandise."

PILLSBURY FLOUR MILLS COMPANY *v.* ROANOKE CITY MILLS, INC., Opposition No. 16,541.

In a decision rendered August 8, 1938 (163 Ms. Dec. 106), *Assistant Commissioner Frazer* held that Roanoke City Mills, Inc., of South Roanoke, Va., is not entitled to register the word "Snofloss" with a design, as a trade-mark for wheat flour, particularly adapted for cake and pastry making, in view of the prior registration by Pillsbury Flour Mills Company, of Minneapolis, Minn., of the term "Sno Sheen" as a trade-mark for cake flour and wheat flour.

In his decision the Assistant Commissioner noted applicant's argument that the prefix "Sno" had been so frequently employed in trade-marks for flour that it is public property and, after referring to and quoting from the decision in *Pepsodent Co.* v. *Comfort Manufacturing Co.*, 23 C. C. P. A. 1224, 83 Fed. (2d) 906, he said:

"While there are cases to support applicant's position, some of which are cited in the brief, I think that so far as the Patent Office is concerned they must be deemed overruled by the Pepsodent case, supra, and other recent decisions of the same court. If an applicant's mark is confusingly similar to the registered mark of an opposer, the fact that the opposer's mark is likewise confusingly similar to the marks of others certainly does not remedy the situation. If material at all, it is only an additional reason why the application should be denied."

He further said:

"Applying the well-known rule that doubts must be resolved against the newcomer, I am constrained to agree with the Examiner of Interferences that 'Snofloss' and 'Sno Sheen' are too nearly alike to be concurrently used on identical merchandise of the character here involved without likelihood of confusion. I have not disregarded the design feature of applicant's mark, but its goods would necessarily be known and called for as 'Snofloss' flour, and the design would add no distinctiveness to the mark when spoken."

BRISTOL-MYERS COMPANY *v.* VIT INCORPORATED (VIT SALES, INCORPORATED, ASSIGNEE, SUBSTITUTED), Opposition No. 16,094.

In a decision rendered August 8, 1938 (163 Ms. Dec. 106), *Assistant Commissioner Frazer* held Vit Sales, Incorporated, is not entitled, as the assignee of Vit Incorporated, of Minneapolis, Minn., to register the term "Vit" as a trade-mark for shampoo in view of the ownership by the Bristol-Myers Company, of New York, N. Y., of the registered trade-mark "Vitalis" used in connection with a hair tonic.

In his decision the Assistant Commissioner said:

"Manifestly the goods of the parties are of the same descriptive properties and are closely related. The marks differ considerably, and it may be possible that no confusion would be likely to result from their concurrent use. I am not prepared to hold, however, that the question is free from doubt; and, as stated by the Examiner of Interferences, doubts must 'be resolved in favor of the prior user, which is here the opposer'."

AUGUSTA KNITTING CORPORATION *v.* LITTLE FALLS MANUFACTURING COMPANY, INC., Opposition No. 16,231.

In a decision rendered August 17, 1938 (163 Ms. Dec. 108), *Assistant Commissioner Frazer* held that Little Falls Manufacturing Company, of Little Falls, N. Y., is not entitled to register the term "Adjustee" in association with the representation of a shield bearing the letters "LF" as a trade-mark for men's, women's, and children's underwear, in view of the prior registration by Augusta Knitting Corporation, of Utica, N. Y., of the term "Adjusto-Bak" for the same goods.

In his decision the Assistant Commissioner said:

"Both [marks] are admittedly suggestive of adjustability. In appearance they are easily distinguishable, but when pronounced they sound very much alike. Not only do I agree with the Examiner of Interferences that their concurrent use on identical merchandise of the character here involved would be likely to cause confusion; I think confusion would be inevitable."

Then, after stating that applicant called attention to other registered trade-marks in support of the argument that confusion would be improbable, he said:

"That the similarity of an opposer's mark to those of third parties is of no materiality in a proceeding of this character is too well established to require the citation of authorities."

PURITAN SOAP COMPANY *v.* THE PURE OIL COMPANY, Opposition No. 15,877.

In a decision rendered August 18, 1938 (163 Ms. Dec. 109), *Assistant Commissioner Frazer* held that The Pure Oil Company, of Chicago, Ill., is entitled to register the term "Puritan" as a trade-mark for various oil products.

In his decision he noted that the Examiner of Interferences had found that the applicant had used the mark since September, 1906, but the opposer had established a use as early as 1905. He stated that the Examiner of Interferences found that an exhibit introduced by the opposer consisting of an old scrap book was sufficient to establish a use of the trade-mark as early as 1905, but that the Examiner had held that the goods of the two parties were not of the same descriptive properties.

With reference to the scrap book the Assistant Commissioner said:

"I am not at all sure that the Examiner's conclusion was warranted. The scrap book, which was introduced in toto and as a single exhibit, contains a miscellaneous collection of business stationery, circulars, form letters, and advertisements. Most of these papers are undated, but on several dates have been inscribed with pen or pencil, some as early as 1904 and others as late as 1913. Accepting these dates as authentic, it thus appears that the scrap book in its present condition could not have been more than twenty-four years old when opposer's testimony was taken in 1937.

"But even though it be assumed that individual entries bearing early dates may properly be considered under the ancient documents rule, I can find none to prove that opposer used the word 'Puritan' as a trade-mark. The page referred to by the Examiner contains printed reproductions of two letters dated, respectively, June 13 and June 27, 1905. Both are addressed to opposer and each refers to the writer's use of 'Puritan' oil soap. If these were original writings they may have some probative value, but as they are not the point need not be investigated. In my opinion they are utterly incompetent for any purpose."

With reference to opposer's argument that applicant's right to register was barred by reason of an adverse decision in a previous opposition proceeding between the same parties involving the same mark, he said:

"The Examiner of Interferences refused to consider this ground of opposition because it had not been pleaded. While I think the Examiner's position was sound, I am also of the opinion that the prior decision does not constitute res judicata in any event, because the goods for which registration was sought were entirely different from those of the present application."

With reference to the argument that the trade-mark sought to be registered is the name of opposer, after noting that this was pleaded in the notice of opposition but denied in the answer and no proof was offered by the opposer in this respect, he said:

"Opposer states that its articles of incorporation had been filed in the Trade-Mark Division before the commencement of this proceeding, and insists that judicial notice thereof should have been taken. Here again I think the Examiner of Interferences was warranted in his position. Certainly that official may not be expected to search the records of the Patent Office for evidence in support of allegations found in a party's pleading. If opposer's corporate existence was deemed material it was a fact to be proved as part of opposer's case. Even with such proof in the record, however, I should have no hesitancy in holding that the word 'Puritan' is not opposer's corporate name. Standing alone it is too common a word to signify any particular corporation of whose name it is only a part."

THE LONGINI SHOE MANUFACTUBING CO. *v.* RAYMOND R. RATCLIFF (doing business as Ratcliff Products & Sales Co.), Cancellation No. 3098.

In a decision rendered August 22, 1938 (163 Ms. Dec. 112), *Assistant Commissioner Frazer* held that The Longini Shoe Manufacturing Co., of Cincinnati, Ohio, had not established adoption and use of the notation "Pleasure Tred", as a trade-mark for shoes, prior to the adoption and use by Raymond R. Ratcliff, of Columbus, Ohio, of the term "Pla-Zure Tred," as a trade-mark for the same goods, and therefore dismissed the petition brought by the former for the cancellation of the registration of the latter mark.

In his decision, after noting that the Examiner of Interferences had rested his decision on priority of adoption and use solely upon a statement made by the vice president and treasurer of the Longini Shoe Manufacturing Co. on cross examination, the Assistant Commissioner said:

"After careful consideration I have reached the conclusion that the petition to cancel should have been dismissed. The burden of proof rested upon petitioner, and I do not think it has sustained that burden. A trade-mark registration should not be lightly canceled; and where cancelation must rest upon the testimony of a single witness such testimony should at least be clear, consistent and free from uncertainty. Mr. Longini's testimony is neither."

Then, after referring to the testimony and noting that besides contradicting his previous testimony that petitioner's first sale had been made in January, 1936, the witness' assertion that a sale was made in October, 1935, was in direct contradiction of his testimony on direct examination that the dies with which the trade-mark was stamped on the shoes were not received by the company until October 28, he said:

"Petitioner's case was simple to prove, and doubts created by its own record, or by the absence therefrom of material evidence that was within its control, must be resolved against petitioner. Applying that rule, I do not think the proofs submitted entitle petitioner to the relief here sought."

WILLIAMS OIL-O-MATIC HEATING CORPORATION *v.* SYNCROMATIC AIR CONDITIONING CORPORATION, Opposition No. 15,418.

In a decision rendered August 23, 1938 (163 Ms. Dec. 115), *Assistant Commissioner Frazer* held that Syncromatic Air Conditioning Corporation, of Milwaukee, Wis., is not entitled to register the term "Synchromatic" as a trade-mark for air-conditioning systems, in view of the prior use by Williams Oil-O-Matic Heating Corporation, of Bloomington, Ill., of the term "Air-O-Matic" as applied to the same goods.

In his decision he said:

"I think the Examiner of Interferences was right [in sustaining the opposition]. Applicant's argument to the contrary is based largely upon the case of *Williams Oil-O-Matic Heating Corporation* v. *Bliss*, 19 C. C. P. A. 821, 54 Fed.(2d) 430, where registration was permitted of the word 'Thermatic' over opposer's mark 'Oil-O-Matic.' Obviously those marks are less nearly similar than the ones here involved; and the goods to which the marks were applied, while of the same descriptive properties, were not identical. It is true that air conditioning installations are relatively expensive, and that there is less likelihood of confusion than if the marks were applied to goods 'of a character involving less discrimination and care in their purchase.' Nevertheless I do not think it can be said beyond doubt that no confusion is likely, and where doubt exists it must be resolved in favor of the first user."

Then, with reference to the ruling of the Examiner of Interferences that the inclusion of the word "system" in the particular description of the goods was inapt, he said:

"This ruling was unquestionably correct, but may be overcome by appropriate amendment to the application after the termination of this proceeding in the event applicant should finally prevail."

WILLIAMS OIL-O-MATIC HEATING CORPORATION *v.* MORSE, LOCKHART & MORSE, INC., Opposition No. 16,626.

In a decision rendered August 23, 1938 (163 Ms. Dec. 116), *Assistant Commissioner Frazer* held that Morse, Lockhart & Morse, Inc., of Boston, Mass., is entitled to register the term "Firomatic" as a trade-mark for fuel control valves, notwithstanding the prior use by the Williams Oil-O-Matic Heating Corporation, of Bloomington, Ill., of various marks including "Oil-O-Matic", "Dist-O-Matic", etc., as trade-marks for liquid fuel burning devices.

In his decision, after noting the ruling of the Examiner of Interferences that the differences between the goods and the differences between the marks was sufficient to justify a ruling that confusion in trade was not likely, the Assistant Commissioner said:

"I do not think the marks need be considered, because I am clearly of the opinion that the goods of the parties are of different descriptive properties.

"In *All-American Mohawk Corporation* v. *Rollinson*, 22 C. C. P. A. 1301, 77 Fed.(2d) 926, which was an opposition proceeding involving two identical marks, the Court of Customs and Patent Appeals stated in its opinion:

"'We are not in accord with the views of the Patent Office tribunals that complete electrical refrigerators are goods of the same descriptive properties as the goods to which appellee applies his mark, such as relays and thermostatic controls. Relays and thermostatic controls constitute very minor parts of an electric refrigerator.'

"So here, while some of opposer's devices are equipped with fuel control valves, such valves are only minor parts thereof, and bear about the same relation to the complete machine as does a thermostatic control to an electric refrigerator. If not in fact controlling, the cited case is at least a highly persuasive authority in support of my conclusion that the applicant's goods and those of opposer are not of the same descriptive properties."

SCHERING CORPORATION *v.* LLOYD O. PERRY, Opposition No. 16,233.

In a decision rendered August 23, 1938 (163 Ms. Dec. 113), *Assistant Commissioner Frazer* held that Lloyd O. Perry, of Detroit, Mich., is not entitled to register the term "Chloro-Phedrine" as a trade-mark for medicines for head colds, etc., in view of the prior use of Schering Corporation, of Bloomfield, N. J., of the term "Chlorylen" as a trade-mark for medical and chemical pharmaceutical preparations for treating neuralgic and convulsive affections, and applied specifically to a preparation of trichlorethylene as an inhalant.

In his decision the Assistant Commissioner said:

"Clearly the goods of the parties are of the same descriptive properties, and I am inclined to agree with opposer's counsel that their concurrent sale under the marks involved would be reasonably likely to cause confusion. It is probably true, as stated by the Examiner, that to a physician or chemist the significance of 'Chloro-Phedrine' and 'Chlorylen' would be different, but I do not think that is a conclusive test. Many persons having no knowledge of chemical terms may purchase the goods of either party; and if such purchasers are likely to be confused, or unless confusion on their part is improbably beyond doubt, applicant's mark should not be registered."

CLEAR SPRING COMPANY *v.* ARROW DISTILLERIES, INC., Opposition No. 15,367.

In a decision rendered August 23, 1938 (163 Ms. Dec. 114), *Assistant Commissioner Frazer* held that Arrow Distilleries, Inc., of Peoria, Ill., is not entitled to register the term "Pebble Springs" for straight bourbon whisky, in view of the prior use of the trade-mark "Pebble-Ford" for the same goods by Clear Spring Company, of Chicago, Ill.

In his decision, after noting that the opposer had alleged use from a date prior to that of the applicant of the term "Pebble-Ford" and that this allegation had been admitted by the applicant in his answer and that the Examiner of Interferences had denied a motion to amend the answer to deny opposer's use of the term "Pebble Ford" prior to February 13, 1934, the Assistant Commissioner said:

"The Examiner of Interferences denied the motion, and as such action was clearly within his discretion it will not be disturbed. Applicant contends that opposer's testimony contradicts the quoted allegation of the notice, but with that contention I am unable to agree."

He then said:

"During the oral argument it was expressly conceded by applicant's counsel that the trade-marks in issue are confusingly similar. This being true, and opposer being the first user, it follows that the opposition was properly sustained, and the decision of the Examiner of Trade-Mark Interferences is accordingly affirmed."

OAKITE PRODUCTS, INC. *v.* H. KIRK WHITE & CO., Opposition No. 16,390.

In a decision rendered August 26, 1938 (163 Ms. Dec. 118), *Assistant Commissioner Frazer* held that H. Kirk White & Co., of Oconomowoc, Wis., is entitled to register the notation "So-White Hand Cleaner," the last two words being disclaimed, as a trade-mark for powdered hand cleaner, notwithstanding use by the Oakite Products, Inc., of New York, N. Y., of the term "Oakite" as a trade-mark for cleaning powder of general utility.

The ground of the decision is that the marks are not confusingly similar.

In his decision the Assistant Commissioner said:

"Opposer relies strongly on the case of *Buckeye Soda Co.* v. *Oakite Products, Inc.*, 19 C. C. P. A. 1034, 56 Fed.(2d) 462, where the Court of Customs and Patent Appeals sustained its opposition to registration of the word 'Novite' as a trade-mark for washing soda. 'Novite' and 'Oakite,' however, are both coined words having no meaning except in a trade-mark sense, and are thus more susceptible to confusion than are marks 'made up of ordinary words used in everyday conversation.' *The Bon Ami Co.* v. *McKesson & Robbins, Inc.*, (C. C. P. A.) 93 Fed.(2d) 915. The expression 'So-White,' while having the same vowel sounds and the same number of syllables as opposer's mark, differs greatly therefrom in appearance and in sound, and its meaning is so simple that it could not well be misunderstood by the average child who is old enough to talk."

SPARKLETS CORPORATION *v.* SPARKLETTS DRINKING WATER CORPORATION, Opposition No. 16,099.

In a decision rendered August 26, 1938 (163 Ms. Dec. 119), *Assistant Commissioner Frazer* held that Sparkletts Drinking Water Corporation, of Los Angeles, Calif., is entitled to register the term "Sparkeeta" in association with a hunting scene, as a trade-mark for carbonated beverages, particularly carbonated water, notwithstanding the prior registration by Sparklets Corporation, of New York, N. Y., of the term "Sparklets," as a trade-mark for covered siphons and bulbs or capsules for containing compressed or liquefied gas.

In his decision the Assistant Commissioner noted that the siphons were intended to be filled by a purchaser with ordinary water which is carbonated by applying a capsule and releasing the compressed

gas, and noted that in the case of *Saratoga Springs Authority* v. *Old Faithful Corporation, Inc.*, 159 Ms. D. 900, 479 O. G. 1002, 33 U. S. P. Q. 444, it had been ruled that siphon bottles and mineral water were of the same descriptive properties. He then said:

"In that case, however, the marks involved were identical, while here they differ considerably. Even though the pictorial feature of applicant's mark be ignored, I doubt that confusion would be reasonably likely to result from the concurrent use of 'Sparkeeta' on carbonated water and 'Sparklets' on empty siphon bottles. The first syllable is, of course, the same in both words, but otherwise they are entirely different both in sound and appearance. Considering the differences in the goods to which they are applied, I think these marks are sufficiently dissimilar to be used without likelihood of confusion."

Then with reference to the question of opposer's corporate name, he said:

"In the notice of opposition it was alleged that within the meaning of the Trade-Mark Act 'Sparkeeta' is opposer's corporate name, and opposer now urges that the opposition should be sustained on that ground. I am clearly of the opinion that opposer's position is untenable, and that the Examiner of Interferences was correct in so holding."

THE L. D. CAULK COMPANY *v.* LEE S. SMITH & SON MANUFACTURING COMPANY, Opposition No. 16,215.

In a decision rendered August 29, 1938 (163 Ms. Dec. 121), *Assistant Commissioner Frazer* held that Lee S. Smith & Son Manufacturing Company, of Pittsburgh, Pa., is entitled to register the notation "Plasticoll" as a trade-mark for elastic hydrocolloid material for use in taking dental impressions, notwithstanding the prior registration by The L. D. Caulk Company, of Milford, Del., of the term "Dentocoll" as a trade-mark for moulding masses for dental purposes, namely, a moulding composition.

In his decision, after noting that no testimony had been taken but it seemed to be agreed that the goods of both parties are used for the same purpose and sold exclusively to dentists, and the syllable "coll" is suggestive of a hydro-colloid base, and to be so understood by purchasers, the Assistant Commissioner said:

"Opposer contends that the first part of its mark suggests indentability, which in turn indicates the plasticity suggested by applicant's mark, and that the two marks thus have the same significance. I am inclined to think that the syllable 'dent,' occurring in the name of a dental preparation, would be more likely to impress a dentist as having reference to teeth. But be that as it may, I doubt that he would be likely to confuse the two trade-marks."

Then after stating that if the marks of the respective parties were applied to a product in use by the general public a different question would be presented, he said:

"It is possible, for example, that some purchasers would be confused if an item like toothpaste were sold under both marks. It is well established, however, that the class of purchasers to whom goods are sold is an important consideration in determining whether or not one trade-mark so nearly resembles another as to be likely to be confused therewith; and I am unable to believe that there is any reasonable likelihood of confusion in the minds of dentists between the marks 'Dentocoll' and 'Plasticoll.'"

THE SIMONIZ COMPANY *v.* LYMAN W. CARR, Opposition No. 16,475.

In a decision rendered August 29, 1938 (163 Ms. Dec. 120), *Assistant Commissioner Frazer* held that Lyman W. Carr, of Fostoria, Ohio, is entitled to register the word "Keenizer" as a trade-mark for "coating effecting polishes possessing the incidental properties of a cleaner for furniture, automobile bodies, and varnished, lacquered, painted or enameled surfaces," notwithstanding the prior use by The Simoniz Company, of Chicago, Ill., of the term "Simoniz" as a trade-mark for goods of the same descriptive properties.

In his decision the Assistant Commissioner said:

"Opposer points out numerous ways in which it asserts the two marks may be pronounced, some of which would result in a closer similarity than is normally apparent; but I think the type of possible confusion thus suggested is too far fetched and too highly speculative to warrant serious concern. As disclosed in opposer's registration and in applicant's drawing the marks differ widely in spelling, appearance and sound. Their only common feature is the syllable 'iz,' or 'niz,' and opposer cannot successfully claim ownership of that syllable in all combinations. Applicant's only duty to opposer was to avoid confusing similarity of the marks as a whole, and that I think he has done."

Then, with reference to opposer's argument based on the ground that it manufactures a cleaner which on its labels it misspells "kleener" and that applicant's mark should be refused registration in view of that use, he said:

"I mention this ground of opposition only because it was ignored by the Examiner of Interferences, and opposer is doubtless entitled to a ruling thereon. The word not having been used as a trade-mark, and being obviously incapable of trade-mark significance for the goods to which it is applied, its occurrence on opposer's labels is clearly insufficient to defeat applicant's right to register the arbitrary notation 'Keenizer.'"

TRADE-MARKS

OFFICIAL GAZETTE, SEPTEMBER 27, 1938

[VOL. 494. No. 4]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 401,692. THE DOW CHEMICAL COMPANY, Midland, Mich. Filed Jan. 8, 1938.

STYRON

For Polymerized Styrene.
Claims use since Dec. 1, 1937.

Ser. No. 401,693. THE DOW CHEMICAL COMPANY, Midland, Mich. Filed Jan. 8, 1938.

STYREX

For Polymerized Styrene.
Claims use since Dec. 1, 1937.

Ser. No. 409,037. I. G. FARBENINDUSTRIE AKTIENGESCHELLSCHAFT, Frankfort-on-the-Main, Germany. Filed July 29, 1938.

Perbunan

For Synthetic Rubber and Rubber-Like Materials.
Claims use since July 30, 1937.

CLASS 2

Receptacles

Ser. No. 404,729. STERLING BRONZE COMPANY, INC., Long Island City, N. Y. Filed Mar. 31, 1938.

Beaumet

For Base Metal Table Ware—Namely, Serving Plates, Trays, Salad Bowls, Relish Dishes, Fruit Bowls, Water Pitchers, and Ice Tumblers.
Claims use since Jan. 1, 1937.

Ser. No. 406,803. FIBREBOARD PRODUCTS INC., San Francisco, Calif. Filed May 27, 1938.

LEVELBEST

For Fibreboard Cartons.
Claims use since Apr. 30, 1938.

Ser. No. 408,709. J. E. HARTON, doing business as J. E. Harton Co., San Francisco, Calif. Filed July 20, 1938.

Star

For Twine Dispensers.
Claims use since May 1, 1938.

Ser. No. 409,997. BERNARD H. HOCKSWENDER, doing business as B. H. Hockswender and Associates, Pittsburgh, Pa. Filed Aug. 26, 1938.

FEED the KITTY

For Savings Banks in the Nature of Envelopes.
Claims use since June 3, 1938.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 405,159. W. T. GRANT COMPANY, New York, N. Y. Filed Apr. 12, 1938.

SUPREME

For Pre-Wax Cleaner and Cleaner and Polish for Tile, Porcelain, and Glass.
Claims use since May 28, 1937.

Ser. No. 407,269. OTIS D. JAMES, Oklahoma City, Okla., assignor to United States Chemical Co. Inc., Oklahoma City, Okla. Filed June 9, 1938.

MOROCCO CREAM

The words "Morocco Cream" are disclaimed apart from the mark.
For Cream for Restoring and Treating Leather Bookbindings.
Claims use since June 6, 1938.

Ser. No. 408,377. EMPORIUM WORLD MILLINERY CO., Chicago, Ill. Filed July 11, 1938.

DAPPER

For Sponge Rubber Cleaner for Clothing, More Particularly Hats.
Claims use since July 1, 1936.

Ser. No. 408,589. VORTEXOL COMPANY, Saugus, Mass. Filed July 16, 1938.

VORTEXOL

For Waterproofing Compounds for the Treatment of Leather, and Leather Dressing.
Claims use since Oct. 24, 1921.

Ser. No. 408,976. LISLE C. VAN NEST, doing business as National Laboratories, Toledo, Ohio. Filed July 27, 1938.

LIM-RUS

For Preparation for Removal of Rust and Stain from Porcelain, Enamel or Vitreous China Surfaces.
Claims use since Aug. 1, 1937.

Ser. No. 409,058. PRIM CORPORATION, St. Louis, Mo. Filed July 29, 1938.

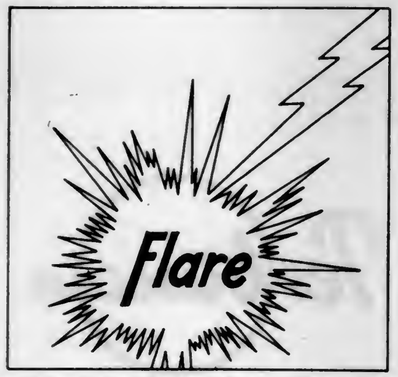
PRIME

For Cleaning Preparation for Painted and Enameled Surfaces, Woodwork, and the Like.
Claims use since July 25, 1938.

CLASS 5

Adhesives

Ser. No. 408,087. THE BELL COMPANY, INC., doing business as Flare Laboratories, Chicago, Ill. Filed July 1, 1938.



For Bicycle Rim Cement, Rubber Cement, Matting Cement, Bicycle Tire Fluid, Iron Cement, Tire Reliner Cement, Top Patch Cement, Friction Tape, Rubber Tape for Splicing Purposes, and Tire Tread Cut Filler.
Claims use since Apr. 14, 1938.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 380,493. ARCHER'S HAIR GROWER, doing business as H. C. Laboratory, Borger, Tex. Filed July 2, 1936.



No claim is made to the words "Hair Grower" apart from the mark.
For Hair Grower.
Claims use since Jan. 1, 1932.

Ser. No. 387,680. MARTIN W. PRETORIUS, Burbank, Calif. Filed Jan. 11, 1937.

DIOX
O
DENT

For Dentifrices.
Claims use since Apr. 1, 1935.

Ser. No. 389,223. ALPHA PRODUCTS COMPANY, Denver, Colo. Filed Feb. 23, 1937.

ALPHAJELL

For Medicinal Preparation for External Application for Use in the Treatment of Athlete's Foot, Burns, Scalds, Bruises, Cuts, and Itching.
Claims use since Feb. 11, 1937.

Ser. No. 401,508. THE RAYBALT CO., Los Angeles, Calif. Filed Jan. 3, 1938.

RAYBALT

For Astringents and Antiseptic Solutions for Dental Purposes.
Claims use since July 1, 1937.

Ser. No. 404,011. THE NORTH AMERICAN FIBRE PRODUCTS COMPANY, Cleveland, Ohio. Filed Mar. 12, 1938.



MOGUL

For Liquid Compound for the Elimination and Prevention of Rust, Scale, Corrosion, and Congestion in Boilers, Hot and Cold Water Supply Systems, Pasteurizers, Sterilizers, Bottle Washers, Humidifiers, Air-Conditioners, Cooling Systems, Refrigeration Systems, Brine Tanks, Pipes and Coils and All Other Equipment in Which Water and/or Steam are Utilized.
Claims use since Jan. 1, 1937.

Ser. No. 404,058. HELENA RUBINSTEIN, INC., New York, N. Y. Filed Mar. 14, 1938.

flower shop bouquet

The words "Flower" and "Bouquet" are disclaimed apart from the mark.
For Toilette Water.
Claims use since Mar. 1, 1938.

Ser. No. 405,223. S. A. REINA, doing business as Salva-Gene Chemical Laboratory, San Francisco, Calif. Filed Apr. 13, 1938.

TOKA-SANA

For General Tonic.
Claims use since November, 1935.

Ser. No. 406,417. LUCILLE BUCHAN, doing business as The Nawa Company, Washington, D. C. Filed May 17, 1938.



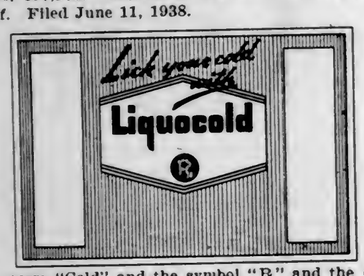
The name "Nawa" is disclaimed apart from the mark.
For Shampooing Liquid.
Claims use since Oct. 25, 1937.

Ser. No. 406,738. URBAIN JULES THUAU, Paris, France. Filed May 25, 1938.

NÉGATOL

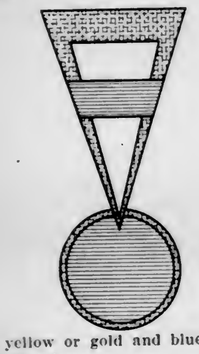
For Complex Colloid-Like, Antiseptic, Astringent, Bactericidal, Dehydrating, Styptic, Pharmaceutical Preparation in Liquid, Ointment, Tablet, and Powder Form.
Claims use since Dec. 13, 1935.

Ser. No. 407,379. LIQUOCOLD CORPORATION, Los Angeles, Calif. Filed June 11, 1938.



The term "Cold" and the symbol "R" and the outline of the label are disclaimed apart from the mark.
For Liquid Cold Preparation.
Claims use since Feb. 18, 1938, for complete mark; and since Sept. 1, 1925, for "Liquocold."

Ser. No. 407,628. SIDNEY J. EVANS, doing business as Evans Manufacturing Company, Cleveland, Ohio. Filed June 18, 1938.



The colors yellow or gold and blue are characteristic features of the mark.
For Moth Exterminating and Deodorizing Material in Block, Cake, Stick, Crystal, and Nugget Forms.
Claims use since Sept. 1, 1936.

Ser. No. 407,960. PARKE, DAVIS & COMPANY, Detroit, Mich. Filed June 27, 1938.

ANTUITRIN-S

For Anterior Pituitary-Like Sex Hormone.
Claims use since Mar. 31, 1932.

Ser. No. 407,993. STANDARD CHEMICAL PRODUCTS, INC., Hoboken, N. J. Filed June 28, 1938.

ELGETOL

For Chemical Preparation in Paste Form Used as a Spray and Winter Treatment for Fruit and Other Trees and as a Fungicide and Insecticide in Connection with Such Treatment.
Claims use since January, 1938.

Ser. No. 408,089. KARL BECK, Treuchtlingen, Germany. Filed July 1, 1938.

BEKOLIN

For Moth Repelling and Destroying Preparations.
Claims use since 1914.

Ser. No. 408,152. THE BORDEN COMPANY, New York, N. Y. Filed July 2, 1938. Under section 5b of the act of 1905 as amended in 1920.

Borden's

For Milk Sugar.
Claims use since June 20, 1937.

Ser. No. 408,352. THE ODORONO COMPANY, INC., New York, N. Y. Filed July 9, 1938.



For Deodorants and Preparations for Preventing Excessive Perspiration, Also Depilatory.
Claims use since Feb. 10, 1934.

Ser. No. 408,526. WILLIAM F. ARMSTRONG, doing business as The American Products Co., Shawnee, Kans. Filed July 15, 1938.

APCO

For Preparation for the Treatment of Coccidiosis, Trichomomasis, Enteritis, Mycosis, and Blackhead in Chickens and Turkeys.
Claims use since Mar. 1, 1934.

Ser. No. 408,638. GENERAL CHEMICAL COMPANY, New York, N. Y. Filed July 19, 1938.

PATHEX

For Fungicides.
Claims use since June 6, 1938.

Ser. No. 408,722. ELI LILLY AND COMPANY, Indianapolis, Ind. Filed July 20, 1938.

PANORAL

For Medicinal Preparation for Internal Administration, Containing Pulverized Pollens, Useful for the Prevention of Hay Fever.
Claims use since June 10, 1938.

Ser. No. 408,758. NATIONAL ANILINE & CHEMICAL COMPANY, INC., New York, N. Y. Filed July 21, 1938.

AVONAC

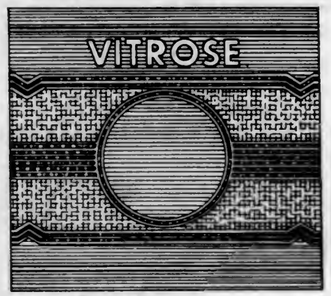
For Wetting Out, Softening, and Emulsifying Agents and Dye Assistants.
Claims use since Nov. 15, 1935.

Ser. No. 408,767. TRICTIN LABORATORIES, Mayfield, Ky. Filed July 21, 1938.

TRICTIN

For Medicinal Preparation for Treating Athlete's Foot and Other Fungus Infections.
Claims use since July 1, 1936.

Ser. No. 408,769. THE VITARINE CO., INC., New York, N. Y. Filed July 21, 1938.



For Laxative Preparation.
Claims use since June, 1935.

Ser. No. 408,806. THE MATHIESON ALKALI WORKS (INC.), New York, N. Y. Filed July 22, 1938.

TEXTONE

For Sodium Chlorite.
Claims use since June 30, 1938.

Ser. No. 408,812. ACHILLES L. SLADEK AND MARIAN G. SLADEK, St. Paul, Minn. Filed July 22, 1938.



The words "Portland" and "Rose" are not claimed apart from the mark.
For Cosmetic Creams and Lotions.
Claims use since 1926.

Ser. No. 408,835. EMEROL MANUFACTURING CO., INC., New York, N. Y. Filed July 23, 1938.

HI-REV

For Solvent for Gums or Sludge.
Claims use since Mar. 25, 1938.

Ser. No. 408,908. TRI-JOI CO., St. Paul, Minn. Filed July 25, 1938.

Tri-joi

For Deodorant and Non-Perspirant Cream.
Claims use since Feb. 1, 1933.

Ser. No. 408,958. LETHELIN PRODUCTS COMPANY, INC., Wood Ridge, N. J. Filed July 27, 1938.

PARATOX

For Insecticide for Killing Insects, Such as Moths, Nits, Head and Crab Lice.
Claims use since July 10, 1934.

Ser. No. 408,979. THE WOOD RIDGE MANUFACTURING CO., INC., Wood Ridge, N. J. Filed July 27, 1938.

FUNGCHEX

For Parasiticide and Fungicide.
Claims use since June, 1936.

Ser. No. 409,080. CARAVEL PRODUCTS COMPANY, New York, N. Y. Filed July 30, 1938.

-San-a-Shoe-

Applicant disclaims the word "Shoe" apart from the mark.
For Deodorants and Disinfectants.
Claims use since July 18, 1938.

Ser. No. 409,088. THE C. B. DOLGE COMPANY, Westport, Conn. Filed July 30, 1938.



For Preparation for Cleaning and Clearing Stopped-Up Drain and Sewer Pipes.
Claims use since June 14, 1921.

Ser. No. 409,107. PHILIP C. RACKOFF, doing business as Warnick's Chemical and Pharmaceutical Laboratories, Los Angeles, Calif. Filed July 30, 1938.

FORMULA
=29=

The word "Formula" is disclaimed apart from the mark.

For Preparation Useful in the Treatment of Rheumatic Muscular Aches, Pains, and Lumbago.

Claims use since July 14, 1938.

Ser. No. 409,373. UNITED DISTRIBUTORS, INC., Louisville, Ky. Filed Aug. 8, 1938.

Qua-Lax

For General Tonic and Laxative.

Claims use since June 25, 1938.

Ser. No. 409,407. MARX & KUSHNER, New York, N. Y. Filed Aug. 9, 1938.

Quadrille

For Perfumes.

Claims use since June 1, 1938.

Ser. No. 409,483. JOHN MORRELL & CO., Ottumwa, Iowa. Filed Aug. 11, 1938.

RED HEART

For Eczema Salve, Worm Tablets, Conditioners for Dogs, Germicides, Mange Cure, Coat Powder for Dogs, Pine Oil, Tonic Tablets, Flea Powder, Coat Oil for Dogs, and Deodorant for Dogs.

Claims use since July 27, 1938.

Ser. No. 409,677. BINNEY & SMITH CO., New York, N. Y. Filed Aug. 17, 1938.

CARBITUN

For Chemical Compounds Used in the Softening of Rubber and Similar Materials.

Claims use since July 11, 1938.

CLASS 7

Cordage

Ser. No. 409,690. LUDLOW MANUFACTURING & SALES CO., Boston, Mass. Filed Aug. 17, 1938.

COLONIAL

For Twine Manufactured from Vegetable Fibres.

Claims use since Jan. 10, 1936.

CLASS 8

Smokers' Articles, Not Including Tobacco Products

Ser. No. 408,900. JACOB I. RUSSAKOV, doing business as The Russakov Company, Chicago, Ill. Filed July 25, 1938.

"SMOKEMASTER"

For Ash Stands.

Claims use since Jan. 1, 1938.

CLASS 9

Explosives, Firearms, Equipments, and Projectiles

Ser. No. 405,728. WILLIS G. C. KIMBALL, doing business as The Kimball Arms Company, Woburn, Mass. Filed Apr. 26, 1938.

20TH CENTURY

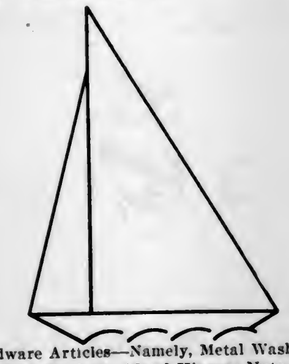
For Shotguns.

Claims use since January, 1937.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 373,539. THE PRESSED STEEL COMPANY, Wilkes-Barre, Pa. Filed Jan. 10, 1936.



For Hardware Articles—Namely, Metal Washers; Cock, Valve, and Bibb Washers; Metal Hinges; Nuts and Bolts; Door Handles; Turn-Buckles, Cleats and Jamb Cleats; Pulley Blocks for General Use; Plumbing Fixtures—Namely, Metal Piping, Metal Tubing, Wall and Lavatory Soap Dishes and Plumbing Stoppers, Towel Racks, and Faucets.

Claims use since Dec. 30, 1935.

Ser. No. 394,194. H. H. ROBERTSON COMPANY, Pittsburgh, Pa. Filed June 17, 1937.

Galbestos

For Metal Pipes, Conduits, and Culverts.

Claims use since Sept. 6, 1935.

Ser. No. 403,770. THE IMPERIAL BRASS MANUFACTURING COMPANY, Chicago, Ill. Filed Mar. 7, 1938.

FLEX

For Couplings for Metallic Tubes.

Claims use since Dec. 14, 1937.

Ser. No. 407,456. AMERICAN CAST IRON PIPE COMPANY, Birmingham, Ala. Filed June 14, 1938.

ENAMELINE

For Cast Iron Pipe.

Claims use since May 11, 1938.

Ser. No. 408,895. PARIS MANUFACTURING CO., INC., Paris, Ill. Filed July 25, 1938.

Parmanco

For Metal Pipes and Conduits.

Claims use since Oct. 21, 1937.

Ser. No. 409,096. THE HUMPHRYES MANUFACTURING CO., Mansfield, Ohio. Filed July 30, 1938.

Stylemaster

For Apron Recess and Corner Bath Tubs and Seat Bath Tubs.

Claims use since July 1, 1938.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 402,437. NORTHWEST LEAD COMPANY, Seattle, Wash. Filed Jan. 28, 1938.

BUNKER HILL
PRODUCTS
PURE LEAD - LEAD ALLOYS

No claim is made to the words "Products Pure Lead—Lead Alloys" apart from the mark.

For Lead Products—Namely, Pig Lead, Bar Lead, Lead Wool, Came Lead, Lead Wire, Sheet Lead, Calking Lead, Solder, Babbitt Metal, and Type Metals.

Claims use since Jan. 1, 1936.

Ser. No. 408,586. STANDARD OIL COMPANY OF CALIFORNIA, Wilmington, Del., and San Francisco, Calif. Filed July 16, 1938.

FERITEX

For Ferrous Metal Castings.

Claims use since May 26, 1938.

CLASS 15

Oils and Greases

Ser. No. 407,770. SOCIETE COMMERCIALE DES PRODUITS DU PETROLE, Paris, France. Filed June 22, 1938.

LUXTRA

For Heavy Lubricating Oil.

Claims use since April, 1938.

CLASS 16

Paints and Painters' Materials

Ser. No. 387,031. CHEMISCHE FABRIK R. BAUMHEIER, AKTIENGESELLSCHAFT, Oschatz-Zschollau, Germany, now by change of name Chemische Fabrik R. Baumheier Kommanditgesellschaft. Filed Dec. 22, 1936.

Osmal

For Surface-Protective Paints and the Ingredients Thereof—Namely, Ready-Mixed Paints, Anti-Rust Paints, Enamel Paints, Paint Enamels, Paste-Like Paints, and Vehicles for the Same, Such as Varnishes, Stable Oils, and Like Binding Agents.

Claims use since Sept. 14, 1934.

Ser. No. 407,354. BANNER PAINT & VARNISH CORP., Brooklyn, N. Y. Filed June 11, 1938.

BANNER-TONE

For Ready-Mixed Paints and Varnishes.

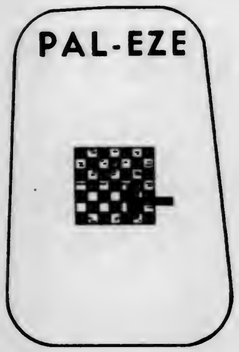
Claims use since May 5, 1938.

Ser. No. 409,020. PHELAN-FAUST PAINT MFG. CO., St. Louis, Mo. Filed July 29, 1938.



The words "House Painting System", "Crawling", "Blistering", "Cracking", "Peeling", and "Fading" are disclaimed except as shown.
For Ready Mixed Paints.
Claims use since July 18, 1938.

Ser. No. 409,474. KROM LABORATORIES, INC., Kingston, N. Y. Filed Aug. 11, 1938.



For Liquid Floor Wax, Liquid Linoleum Wax or Dressing Preparation for the Same, and Quick Drying Liquid Furniture Polish.
Claims use since July 30, 1935.

CLASS 17

Tobacco Products

Ser. No. 408,871. FRED BANE, Pulaski, Va. Filed July 25, 1938.

SPRINGTIME

For Cigarettes.
Claims use since July 1, 1938.

Ser. No. 409,033. GOLDSMITH BROS., New York, N. Y. Filed July 29, 1938.



For Cigars.
Claims use since May 5, 1938.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 381,893. UNITED AUTO SUPPLY COMPANY, INC., Dallas, Tex. Filed Aug. 4, 1938.



Applicant claims exclusive appropriation of the specific symbol, design, and device of the shield disclosed and of the word "United" in connection therewith; and the applicant disclaims any exclusive right as to all other words in said trade-mark, save and except in their precise relations, positions, and association, as they appear in the drawing.
For Automobile Electrical Parts as Follows—Spark Plugs for Internal Combustion Engines, Electrical Storage Batteries, Storage Battery Cables, Electrical Ignition Parts, Electrical Contact Points, Electrical Distribution Cables, Electrical Automobile Timers, Electrical Automobile Generators, Electrical Motors, Electric Light Bulbs, Electrical Spot Lights, and Electrical Stop Lights.
Claims use since Mar. 1, 1934.

Ser. No. 400,098. THE GARRARD ENGINEERING & MANUFACTURING CO., LTD., Swindon, England. Filed Nov. 24, 1937.



The word "Garrard" is disclaimed apart from the mark.
For Electric Motors and Motor Driven Units for Gramophones and Record Changers in Gramophones, for Electrically Operable Automatic Record Changers, and for Gramophone Pick-ups.
Claims use since Feb. 18, 1920.

Ser. No. 406,739. TOAST-O-LATOR CO. INC., New York, N. Y. Filed May 25, 1938.



For Electric Toasters.
Claims use since June, 1936.

Ser. No. 406,989. H. & A. SELMER, INCORPORATED, Elkhart, Ind. Filed June 1, 1938.

PORTA-LIGHT

The word "Light" is disclaimed except as shown.
For Specially Constructed Music Stand Electric Light.
Claims use since Mar. 8, 1938.

Ser. No. 409,123. GENERAL MOTORS CORPORATION, Detroit, Mich. Filed Aug. 1, 1938.

B-L-C

For Fog Lamps for Motor Vehicles.
Claims use since June 29, 1938.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 407,248. CHARLES F. REID, Chicago, Ill. Filed June 8, 1938.

GOLF CIRCUS

For Paraphernalia Including Animal Figures Used in a Game Simulating Golf.
Claims use since May 16, 1938.

Ser. No. 407,727. THE EMBOSSING COMPANY, Albany, N. Y. Filed June 21, 1938.

CARENTO

For a Table Game of Chance.
Claims use since May 1, 1938.

Ser. No. 407,728. THE EMBOSSING COMPANY, Albany, N. Y. Filed June 21, 1938.

JACK-BE-NIMBLE

For Table Game of Chance.
Claims use since May 1, 1938.

Ser. No. 408,941. CENTERBAR COMPANY, Natick, Mass. Filed July 27, 1938.

PHIL-UP



FROG

The word "Frog" and generically the representation of a frog are disclaimed aside from the rest of the mark.
For a Game Adapted to be Played with Movable Pieces.
Claims use since Jan. 20, 1938.

Ser. No. 409,199. MERRIEL DALE KEYSER, Edgewood, Md. Filed Aug. 3, 1938.



No claim is made to the words "Spoon Minnow" or to the representation of the lure apart from the mark.
For Artificial Fishing Lures and Hooks.
Claims use since Feb. 12, 1938.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 399,416. MACCLATCHIE MANUFACTURING COMPANY OF CALIFORNIA, Compton, Calif. Filed Nov. 6, 1937.

AIR FLOTE

For Valves for Pumps.
Claims use since July 26, 1937.

Ser. No. 403,238. AVERY FARM MACHINERY COMPANY, Peoria, Ill. Filed Feb. 21, 1938.

RO-TRAK

For Tractors.
Claims use since Jan. 21, 1938.

Ser. No. 407,771. FRANCES M. STEWART, doing business as F. M. Stewart, Philadelphia, Pa. Filed June 22, 1938.

BAKERY TEMPLE MACHINES

No claim is made to the words "Bakery Machines."
For Dough Handling Machinery and Bakery Machinery—Namely, Dough Rolling Machines, Dough Cutting Machines, Roll Forming Machines, Dough Flattening Machines, Dough Mixing and Kneading Machines, and Bread Crumb Grinding Mills.
Claims use since Mar. 20, 1937.

Ser. No. 408,093. FAIRBURY WINDMILL COMPANY, Fairbury, Nebr. Filed July 1, 1938.

HEL-I-CUT

For Windmills and Pump Jacks.
Claims use since June 1, 1938.

Ser. No. 408,953. KEYSTONE LUBRICATING COMPANY, Philadelphia, Pa. Filed July 27, 1938.

For Telltale or Indicating Lubrication Fittings.
Claims use since Jan. 10, 1938.

Ser. No. 408,991. COLUMBUS IRON WORKS COMPANY, doing business as Columbus Iron Works Company, Southern Plow Company Department, Columbus, Ga. Filed July 28, 1938.

BIG JIM

For Fertilizer Distributors.
Claims use since July 15, 1938.

Ser. No. 409,010. JOHN A. SCHULER, doing business as Simplex Nut Machine Company, East St. Louis, Ill. Filed July 28, 1938.

CHAMPION

For Apparatus for Processing Edible Nuts, Particularly Nut Cracking Machines, Nut Handling Machines, Grading Machines, and Sorting Equipment.
Claims use since Nov. 22, 1928.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 365,357. THE SIGHT LIGHT CORPORATION, New York, N. Y. Filed May 24, 1935.

SIGHT LIGHT

No claim is made to the word "Light" apart from the mark.
For Instruments for Measuring and Recording Light Intensities, Color Values, and Current Consumption.
Claims use since Sept. 15, 1932.

Ser. No. 404,540. THE KALART COMPANY, New York, N. Y. Filed Mar. 26, 1938.

Micromatic SPEED FLASH

The words "Speed Flash" are disclaimed for registration purposes only.
For Photographic Cameras and Camera Attachments.
Claims use since November, 1935.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 409,250. A AND Z CHAIN COMPANY, Providence, R. I. Filed Aug. 5, 1938.

Synchroslide

For Wrist-Watch Bracelets, Clasps, and Buckles in the Nature of Jewelry.
Claims use since Sept. 30, 1932.

CLASS 29

Brooms, Brushes, and Dusters

Ser. No. 408,931. PRO-PHY-LAC-TIC BRUSH COMPANY, Northampton, Mass. Filed July 26, 1938.

GUEST

For Tooth Brushes.
Claims use since June 1, 1938.

CLASS 31

Filters and Refrigerators

Ser. No. 407,678. THE MERRILL COMPANY, San Francisco, Calif. Filed June 20, 1938.

MERRILL - CROWE

For Cyanide Precipitation Apparatus, Including Clarifying Equipment, Deaerating Equipment, Precipitating Filters, Filter Presses, Vacuum Filter Leaves, Bag Type Filters, Reagent Feeders, and Auxiliary Equipment for Such Apparatus.
Claims use since Dec. 30, 1927.

Ser. No. 408,328. SILVERBERG & TRATTNER, New York, N. Y. Filed July 8, 1938.

Siltra

For Ice Boxes, Ice Chests, Milk Coolers, Showcase Refrigerators, Grocery Refrigerators, Delicatessen Refrigerators, and Other Refrigerators.
Claims use since Dec. 1, 1936.

CLASS 32

Furniture and Upholstery

Ser. No. 395,035. THE GIBSON ART COMPANY, Cincinnati, Ohio. Filed July 9, 1937.

BU

For Display Cabinets and Display Trays.
Claims use since Dec. 30, 1936.

Ser. No. 404,560. ARTILITY METAL PRODUCTS INC., Elkhart, Ind. Filed Mar. 28, 1938.

Bodiform

For Office, Household, and Factory Chairs.
Claims use since Mar. 23, 1938.

Ser. No. 409,067. SUPPLEE-BIDDLE HARDWARE CO., Philadelphia, Pa. Filed July 29, 1938.

TOOL PIRAMID

No claim is made to the word "Tool" apart from the mark.
For Display Cabinets.
Claims use since July 12, 1938.

Ser. No. 409,378. WESTERN MATTRESS COMPANY OF OREGON, Portland, Oreg. Filed Aug. 8, 1938.

DREAMLINER

For Mattresses.
Claims use since July 18, 1938.

Ser. No. 409,517. THE GENERAL FIREPROOFING CO., Youngstown, Ohio. Filed Aug. 12, 1938.

GF-i-lite

For Visible Index Filing Equipment Used in File Drawers.
Claims use since Dec. 4, 1937.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 395,528. HOLOPHANE COMPANY, INC., New York, N. Y. Filed July 22, 1937.

REFRACTOLENS

For Glass and Combination Glass and Metal Globes and Reflectors.
Claims use since June 12, 1937.

Ser. No. 404,950. HERMANN NIER, Beierfeld, Germany. Filed Apr. 6, 1938.

FEUERHAND BABY

For Oil and Gas Storm Lanterns and Constituent Parts and Accessories of Same—Namely, Storm Lantern Burners, Storm Lantern Cylinders, Wicks, Protective Grids, Burner Chambers, Candle Sockets, Filling Screws.
Claims use since June 4, 1936.

Ser. No. 407,352. THE AMERICAN BRAKE SHOE AND FOUNDRY COMPANY, New York, N. Y. Filed June 11, 1938.

CHARCO-GRILL

No claim is made to the word "Grill" apart from the mark.
For Gridirons for Outdoor Use.
Claims use since May 31, 1938.

Ser. No. 408,330. THE TITUSVILLE IRON WORKS COMPANY, Titusville, Pa. Filed July 8, 1938.

WEE SCOT

For Water Heating and Steam Generating Boilers.
Claims use since Feb. 17, 1934.

Ser. No. 408,445. ANEMOSTAT CORPORATION OF AMERICA, New York, N. Y. Filed July 13, 1938.

DUO-FLO

For Fan-Driven Ventilators, Air Diffusers, and Air Aspirators.
Claims use since June 1, 1938.

Ser. No. 408,446. ANEMOSTAT CORPORATION OF AMERICA, New York, N. Y. Filed July 13, 1938.

PYROMOSTAT

For Fan-Driven Ventilators, Air Diffusers, and Air Aspirators.
Claims use since June 1, 1938.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 408,773. TON-TEX CORPORATION, Grand Rapids, Mich. Filed July 22, 1938.

REDDY KORD

The word "Kord" is disclaimed apart from the mark.
For Belting.
Claims use since Feb. 2, 1938.

Ser. No. 409,450. VICTOR MANUFACTURING AND GASKET COMPANY, Chicago, Ill. Filed Aug. 10, 1938.

Asbestoprene

For Gaskets.
Claims use since July 16, 1938.

CLASS 36

Musical Instruments and Supplies

Ser. No. 407,168. THE H. N. WHITE COMPANY, Cleveland, Ohio. Filed June 6, 1938.

TROMBONIUM

For Wind Instruments, Particularly Instruments Having the Tone of a Trombone but Unlike a Trombone in Construction.
Claims use since Nov. 1, 1937.

CLASS 37

Paper and Stationery

Ser. No. 404,604. GEFFELATOR CORPORATION, New York, N. Y. Filed Mar. 29, 1938.

MARKOTAPE

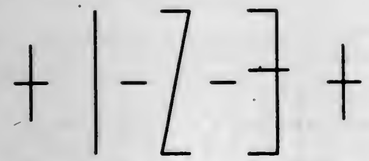
For Gummed Paper Mending Tape.
Claims use since Feb. 1, 1938.

Ser. No. 405,379. ETHELBERT L. BAKER, Los Angeles, Calif. Filed Apr. 18, 1938.

SAFETY
COASTLAND
PAPER

Applicant disclaims the words "Safety Paper" apart from the mark.
For Commercial Safety Paper.
Claims use since Feb. 15, 1938.

Ser. No. 407,039. ST. REGIS PAPER COMPANY, New York, N. Y. Filed June 2, 1938.



For Paper—Namely, Printing Papers, Writing Papers, and Drawing Papers.
Claims use since December, 1936.

Ser. No. 407,800. ECONOMY PRINTERS PRODUCTS COMPANY, Chicago Ill. Filed June 23, 1938.



For Letter Heads, Envelopes, and Wrapping Paper.
Claims use since May 1, 1938.

CLASS 38

Prints and Publications

Ser. No. 395,036. THE GIBSON ART COMPANY, Cincinnati, Ohio, Filed July 9, 1937.

BU

For Greeting Cards, Singly or in Assortments or Packages.
Claims use since Dec. 30, 1936.

Ser. No. 405,637. GENERAL MILLS, INC., Minneapolis, Minn. Filed Apr. 23, 1938.



The name "Betty Crocker" and the portrait are fanciful.
For Newspaper Articles Published in Newspapers.
Claims use since Jan. 31, 1938.

Ser. No. 405,638. GENERAL MILLS, INC., Minneapolis, Minn. Filed April 23, 1938.



For Newspaper Articles Published in Newspapers.
Claims use since Jan. 31, 1938.

Ser. No. 406,177. CHILTON COMPANY, Philadelphia, Pa. Filed May 10, 1938.

THE
SPECTATOR
PROPERTY
INSURANCE
REVIEW

For Publication Published from Time to Time.
Claims use since February, 1938.

Ser. No. 406,861. CAPE MAY COUNTY LEADER COMPANY, INC., Wildwood-By-The-Sea, N. J. Filed May 28, 1938.

THE LEADER

For Newspaper.
Claims use since Aug. 28, 1926.

Ser. No. 408,013. EQUIPMENT DIGEST PUBLISHING COMPANY, Cleveland, Ohio. Filed June 29, 1938.

NED
NEW EQUIPMENT DIGEST

For Periodical Publication.
Claims use since June 13, 1938.

Ser. No. 408,041. AMBROSE BOWYER, Chicago, Ill. Filed June 30, 1938.

TRACTOR
SERVICE
and MAINTENANCE

For Magazine Section to be Published Bimonthly.
Claims use since June 13, 1938.

Ser. No. 408,542. KING FEATURES SYNDICATE, INC., New York, N. Y. Filed July 15, 1938.

Colonel Potterby and the Duchess

For Cartoon and Comic Strip.
Claims use since Apr. 28, 1935.

Ser. No. 408,744. ASSOCIATED AMERICAN ARTISTS, INC., New York, N. Y. Filed July 21, 1938.

GELATONE

For Pictures, Prints, Paintings, Etchings, and Drawings.
Claims use since July 14, 1938.

Ser. No. 408,980. SCHLEISNER COMPANY, INC., Baltimore, Md. Filed July 28, 1938.

FACTUAL FIRSTS

For Daily Bulletin.
Claims use since September, 1937.

CLASS 39

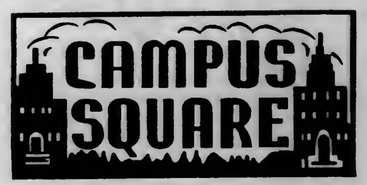
Clothing

Ser. No. 404,045. HERALD KNITWEAR COMPANY, INC., New York, N. Y. Filed Mar. 14, 1938.

OWN-A-GRAM

For Knitted Sweaters, Suits, and Skirts for Ladies.
Claims use since Mar. 12, 1938.

Ser. No. 404,907. SAM'S CUT RATE, INC., Detroit, Mich. Filed Apr. 5, 1938.



For Men's Undershirts, Pajamas, Underwear, and Dress, Negligee, and Work Shirts.
Claims use since January, 1938.

Ser. No. 406,371. CARSON PIRIE SCOTT & COMPANY, Chicago, Ill. Filed May 16, 1938.

Snapper

For Underwear—Namely, Men's Shorts.
Claims use since Apr. 25, 1938.

Ser. No. 406,773. OGUS, RABINOVICH & OGUS, INC., New York, N. Y. Filed May 26, 1938.

HAT of the week

The word "Hat" is disclaimed apart from the mark shown.
For Ladies' Hats.
Claims use since September, 1937.

Ser. No. 407,459. H. W. CARTER & SONS, Lebanon, N. H. Filed June 14, 1938.

Carter's
Eastern Slopes

Applicant is the owner of registration Number 50,145 registered March 6, 1906, effected under the 10-year proviso, and renewed.

For Sports Wear, Such as Jackets, Coats, Vests, Shirts, Snow Suits, and Pants; and Utility Outerwear—Namely, Jackets, Coats, Vests, Shirts, Snow Suits, and Pants for Men, Women, and Children.

Claims use since Apr. 15, 1938.

Ser. No. 407,596. MURRAY KAUFMAN, INC., New York, N. Y. Filed June 17, 1938.

Bel-Jac

The word "Jac" is disclaimed apart from the mark.

For Coats and Jackets for Women.

Claims use since June 8, 1938.

Ser. No. 407,649. LEWENTHAL GOLDENBERG CO., INC., New Rochelle, N. Y. Filed June 17, 1938.

CORSETERIA
LA ROSE SHOPPE

Applicant disclaims the word "Shoppe" apart from the mark.

For Corsets, Corselets, Girdles, and Brassières, and Parts of Such Garments; Ladies' Hosiery, Pantelettes, Pants, and Slips.

Claims use since Apr. 26, 1938.

Ser. No. 407,732. INTERWOVEN STOCKING COMPANY, New Brunswick, N. J. Filed June 21, 1938.

University

For Hosiery.

Claims use since February, 1916.

Ser. No. 408,021. LE RAY FOWLER, New York, N. Y. Filed June 29, 1938.



The phrases "Father and Son" and "Another Father and Son Combination" are disclaimed except as shown. The pictures are fanciful.

For Men's and Boys' Wearing Apparel—Namely, Suits, Overcoats, Topcoats, Jackets, Trousers, Sportcoats, Knickers, Slacks, Hats, Hosiery, Underwear, Bathrobes, Pajamas, Outer Shirts, Collars, Neckties, Suspenders, Belts, Garters, Sweaters, Scarfs, Gloves made of Leather and Fabric, Bathing Suits, Bathing Trunks, and Handkerchiefs.

Claims use since May 1, 1938.

Ser. No. 408,072. ARTHUR R. NACHREINER, doing business as Nachreiner Boot Shop, Rochester, Minn. Filed June 30, 1938.



The words "Sanatory Conducive Shoe to Health" are disclaimed apart from the mark.

For Boots and Shoes Made of Leather, Fabric, or Combinations Thereof.

Claims use since May 17, 1938.

Ser. No. 408,153. BRAUER-GRESSMAN COMPANY, Kansas City, Mo. Filed July 2, 1938.



No claim is made to the name "La Salle" apart from the mark.

For Sport Shirts, Sport Coats, Sport Jackets, Sport Bushcoats, Sport Beer Jackets, and Sport Slacks for Men and Boys.

Claims use since Aug. 1, 1937.

Ser. No. 408,231. BULLOCK'S, INC., Los Angeles, Calif. Filed July 6, 1938.

Collegienne

For Women's, Misses', and Girls' Wearing Apparel—Namely, Shoes of Leather, Rubber, Fabric, and Combinations; Hats; Knitted, Silk, Rayon, Cotton, Wool, and Linen Dresses and Suits; Coats, Sweaters, Underskirts, Outer Skirts, Blouses, Lounging and Bathing Robes, Jackets, Bathing Suits, Play Suits, Slacks; Knitted, Silk, and Rayon Underwear; Scarfs, Collar and Cuff Sets, Slips, Panties, Chemises, Negligees, Pajamas, Hosiery, Girdles, Foundations, Corsets, and Brassières.

Claims use since Jan. 1, 1924, on shoes, hats, dresses, suits, coats, sweaters, robes, skirts and blouses; since July 25, 1924, on underwear, articles of lingerie, bathing suits, negligees, pajamas, scarfs, collar and cuff sets, hosiery, corset garments, and brassières; and since June 21, 1929, on playsuits and slacks.

Ser. No. 408,248. MODERN MADE SPORTSWEAR, INC., Los Angeles, Calif. Filed July 6, 1938.

Henshire

For Ladies', Men's, and Children's Garments—Namely, Ladies' and Children's Dresses, Coats, Bathing Suits, Slack Suits, Shirts, Underwear, and Sweaters, and Men's and Boys' Outer Shirts, Underwear, Bathing Suits, Slacks, and Sweaters.

Claims use since May 25, 1938.

Ser. No. 408,284. THE NOLDE AND HORST COMPANY, Reading, Pa. Filed July 7, 1938.

GARTERITE

For Hosiery.

Claims use since Dec. 31, 1937.

Ser. No. 408,412. ANNE UNDERWEAR CO. INC., New York, N. Y. Filed July 12, 1938.

Ann's Pajams

No claim is made for the word "Pajams" apart from the mark.

For Pajamas—Namely, Ladies' Sleeping Costumes.

Claims use since Sept. 1, 1936.

Ser. No. 408,478. J. SCHOENEMAN, INC., Baltimore, Md. Filed July 13, 1938.

Cool as a Cucumber

No claim is made to the word "Cool" apart from the mark.

For Coats, Vests, Trousers, Knickerbockers, Top Coats, and Overcoats for Men, Youths, and Boys.

Claims use since July 7, 1938.

Ser. No. 408,487. SMART-MAID COAT COMPANY, INCORPORATED, New York, N. Y. Filed July 12, 1938.



For Coats for the Use of Women and Girls.

Claims use since Jan. 1, 1938.

Ser. No. 408,505. PACIFIC KNITTING MILLS, INC., Los Angeles, Calif. Filed July 14, 1938.

Sweethearts in Swim Suits
BY CATALINA

The words "Swim Suits" and "By Catalina" are disclaimed apart from the mark.

For Knit and Fabricated Men's, Women's, and Children's Swim Suits.

Claims use since Apr. 13, 1938.

Ser. No. 408,507. PEERLESS TAILORING COMPANY, Baltimore, Md. Filed July 14, 1938.



The word "Peerless" is disclaimed apart from the mark.

For Men's Suits, Overcoats, and Topcoats.

Claims use since June 15, 1920.

Ser. No. 408,519. STELLA SIMSON, New York, N. Y. Filed July 14, 1938.

Canadian Woods

The word "Canadian" is disclaimed except as shown.

For Men's and Women's Outer Garments—Namely, Dress and Negligee Shirts, Sportshirts, Work Shirts, Sweaters; Also Underwear, Nightrobes, Stockings; Gloves and Mittens Made of Leather, Fabric, Rubber, and/or Combinations Thereof.

Claims use since June 1, 1938.

Ser. No. 408,594. BEST UNDERGARMENT COMPANY, St. Louis, Mo. Filed July 18, 1938.

kermess

For Ladies', Misses', and Children's Wearing Apparel—Namely, Dresses, House Coats, Pajamas, Nightgowns, and Slips.

Claims use since June 27, 1938.

Ser. No. 408,687. BERKSHIRE KNITTING MILLS, Wyomissing, Pa. Filed July 20, 1938.

DURALACE

For Hosiery.
Claims use since June 28, 1938.

Ser. No. 408,724. MCLAURIN HOSIERY MILLS, Asheboro, N. C. Filed July 20, 1938.

MACELL

For Men's Hosiery.
Claims use since Apr. 1, 1938.

Ser. No. 408,731. C. B. SHANE CORPORATION, Chicago, Ill. Filed July 20, 1938.

Doubleton

For Men's Overcoats and Top Coats.
Claims use since July 5, 1938.

Ser. No. 408,805. LOOM-TEX CORPORATION, New York, N. Y. Filed July 22, 1938.

Loomtex



For Ladies' Underwear.
Claims use since July, 1936.

Ser. No. 408,844. THE KELLER-KOHN CO., Cleveland, Ohio. Filed July 23, 1938.

Curlpac

For Ladies' and Misses' Coats and Suits.
Claims use since Apr. 1, 1938.

Ser. No. 408,847. LANDSMAN, KATZ & MONK, New York, N. Y. Filed July 23, 1938.



PENGUIN

For Children's Dresses.
Claims use since January, 1938.

Ser. No. 408,859. ROTHSCHILD BROS. HAT COMPANY, St. Louis, Mo. Filed July 23, 1938.

MIRAKAL

For Men's, Youths', and Boys' Hats.
Claims use since July 2, 1938.

Ser. No. 408,904. THE STANDARD OVERALL COMPANY, Baltimore, Md. Filed July 25, 1938.

WOODHOLME

For Dress Shirts and Sport Shirts for Men and Boys.
Claims use since July 18, 1938.

Ser. No. 408,913. CENTRAL KNITWEAR MILLS, INC., New York, N. Y. Filed July 26, 1938.

CENGORA

For Sweaters and Sweater Ensemble Consisting of a Sweater and Coat.
Claims use since June 1, 1938.

Ser. No. 408,952. INTERNATIONAL SHOE CO., St. Louis, Mo. Filed July 27, 1938.

X-RAY

For Boots and Shoes of Leather, Fabric, and/or Combinations Thereof.
Claims use since Oct. 1, 1937.

Ser. No. 408,987. CARDAIS CLOAK CO., St. Louis, Mo. Filed July 28, 1938.

Jean Harper

For Ladies' Coats.
Claims use since July 1, 1938.

Ser. No. 409,052. NATIONAL SILK HOSIERY MILLS, INC., Indianapolis, Ind. Filed July 29, 1938.

Morn-Noon-Nite

For Hosiery.
Claims use since June 21, 1938.

Ser. No. 409,081. CELANESE CORPORATION OF AMERICA, New York, N. Y. Filed July 30, 1938.

CELSPUN

For Men's and Women's Hosiery.
Claims use since July 27, 1938.

Ser. No. 409,099. M. S. LEVY & SONS, INC., Baltimore, Md. Filed July 30, 1938.

SIROCCO

For Men's Hats.
Claims use since July 22, 1938.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 408,313. HARLEM-ADLER & CO., INC., New York, N. Y. Filed July 8, 1938.

Prevue

For Dress Ornaments—Viz., Buttons, Pins, Clips, Buckles, Zipper-Pulls, and Belt Fronts, Slides, and Button and Slide Sets, All Made of Material Other than Precious Metals.
Claims use since May 22, 1938.

Ser. No. 409,073. BERNHARD ULMANN CO. INC., New York, N. Y. Filed July 29, 1938.

MAGICTUFT

For Ornamental Braids and Chenille Used Primarily for Trimming or Decorating Garments, Bedspreads, Curtains, Pillows, Scarfs, Rugs, Mats, and Similar Products.
Claims use since July 21, 1938.

CLASS 41

Canes, Parasols, and Umbrellas

Ser. No. 409,210. RICE-STIX DRY GOODS COMPANY, St. Louis, Mo. Filed Aug. 3, 1938.

SOCIETY

For Umbrellas.
Claims use since Apr. 22, 1924.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 386,782. THURSTON CUTTING CORPORATION, New York, N. Y. Filed Dec. 15, 1936.



No claim is made to the word "Cloth."
For Piece Goods of Cotton, Cotton Mixture, Wool, and Rayon.
Claims use since May 13, 1936.

Ser. No. 399,006. NATIONAL FABRICS CORPORATION, New York, N. Y. Filed Oct. 27, 1937.



For Textile Fabrics in the Piece—Namely, Silk Fabrics, Cotton Fabrics, Wool Fabrics, Rayon Fabrics, and Pile Fabrics Made of Silk and Rayon and Mixtures Thereof.
Claims use since Aug. 1, 1937.

Ser. No. 407,822. SANDESS MANUFACTURING COMPANY, Philadelphia, Pa. Filed June 23, 1938.

STURDIROY

For Cloth Piece Goods of Cotton Corduroy Used in the Manufacture of Boys' Suits, Pants, and Knickers.
Claims use since June 10, 1938.

Ser. No. 407,823. SANDESS MANUFACTURING COMPANY, Philadelphia, Pa. Filed June 23, 1938.

SUNSHUN

For Cloth Piece Goods of Cotton and Acetate Used in the Manufacture of Boys' Suits, Pants, and Knickers.
Claims use since June 10, 1938.

Ser. No. 408,012. EICHMANN & HECHT, New York, N. Y. Filed June 29, 1938.

WALTZLITE

For Textile Fabrics in the Piece, of Silk, Rayon, Wool, Cotton, and Combinations Thereof.
Claims use since February, 1930.

Ser. No. 408,062. KAUFMANN DEPARTMENT STORES, INC., Pittsburgh, Pa. Filed June 30, 1938.

"adoria"

For Piece Goods Made From Linen, Wool, Silk, Cotton, Rayon, and any Combinations or Mixtures Thereof.
Claims use since June 1, 1926.

Ser. No. 408,320. THE MAGEE CARPET COMPANY, Bloomsburg, Pa. Filed July 8, 1938.

Room-Rite

For Carpets and Rugs.
Claims use since April, 1938.

Ser. No. 409,266. FRANKLY SILK CORP., New York, N. Y. Filed Aug. 5, 1938.

ROSITA

For Textile Fabric in the Piece—Namely, a Novelty Alpaca Consisting of Acetate and Rayon.
Claims use since June 10, 1938.

Ser. No. 409,339. BARKER BROS., CORPORATION, Los Angeles, Calif. Filed Aug. 8, 1938.

INVINCIBLE

For Drapery and Curtain Fabrics in the Piece; Made-Up Curtains, Draperies, and Hangings; Textile Carpets and Rugs; Bedding—Namely, Pillow-Cases, Sheets, Blankets, Comforters; Tablecloths, Napkins, Towels, Wash-Cloths.
Claims use since Feb. 21, 1932.

Ser. No. 409,376. WATERHOUSE WOOLEN COMPANY, Chicago, Ill. Filed Aug. 8, 1938.

SUNTEX

For Worsted and Mohair Cloth in the Piece for Men's Suitings.
Claims use since Jan. 1, 1937.

Ser. No. 409,381. BEACON MANUFACTURING COMPANY, Swannanoa, N. C. Filed Aug. 9, 1938.

BLAZER

For Blankets Made Wholly of Cotton.
Claims use since Apr. 15, 1938.

Ser. No. 409,396. FRUIT OF THE LOOM, INC., Providence, R. I. Filed Aug. 9, 1938.



For Sheets, Pillowcases, and Cotton Piece Goods.
Claims use since May 4, 1938.

Ser. No. 409,425. FORSTMANN WOOLEN CO., Passaic, N. J. Filed Aug. 10, 1938.

Poroseen

For Woolen Piece Goods.
Claims use since July 8, 1938.

Ser. No. 409,426. FORSTMANN WOOLEN CO., Passaic, N. J. Filed Aug. 10, 1938.

Porosette

For Woolen Piece Goods.
Claims use since July 14, 1938.

Ser. No. 409,494. S. STROOCK & CO. INC., New York, N. Y. Filed Aug. 11, 1938.

ANKARA

For Woven Woolen Cloth in the Piece.
Claims use since Oct. 21, 1936.

Ser. No. 409,515. FORSTMANN WOOLEN CO., Passaic, N. J. Filed Aug. 12, 1938.

Poreena

For Woolen Piece Goods.
Claims use since July 20, 1938.

Ser. No. 409,516. FORSTMANN WOOLEN CO., Passaic, N. J. Filed Aug. 12, 1938.

Porotex

For Woolen Piece Goods.
Claims use since July 20, 1938.

Ser. No. 409,555. ARTHUR BEIR & CO., INC., New York, N. Y. Filed Aug. 13, 1938.

PIC-A-BAC

For All Rayon Piece Goods.
Claims use since Aug. 5, 1938.

CLASS 43

Thread and Yarn

Ser. No. 408,929. MONARCH MILLS, INCORPORATED, Cleveland, Ohio. Filed July 26, 1938.

THISTLEDOWN



For Yarn.
Claims use since Jan. 14, 1938.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 407,803. GLENN FISHER, Bowling Green, Ky. Filed June 24, 1938.

Puré Paris

The word "Paris" is disclaimed apart from the word "Pure".
For Permanent Wave Pads.
Claims use since January, 1927.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 387,978. BIRELEY'S, INC., doing business as Pam-Pam, Hollywood, Calif., assignor to David H. Peery, Hollywood, Los Angeles, Calif. Filed Jan. 21, 1937.

PAM - PAM

For Nonalcoholic, Maltless Fruit Juice Beverages Sold as Soft Drinks, and Syrups, Extracts, and Concentrates Used in Making the Same.
Claims use since Oct. 8, 1936.

Ser. No. 406,437. FREDERICK JOHN TREVALLON BARNES, London, England. Filed May 18, 1938.

SUNBRITE

For Maltless, Nonalcoholic Beverages Sold as Soft Drinks and Syrups and Extracts for Making the Same.
Claims use since April, 1936.

Ser. No. 406,799. ELRAY SALES, St. Louis, Mo. Filed May 27, 1938.

ZYX
The Last Word

For Maltless Non-Alcoholic Beverages Sold as Soft Drinks, and Syrups and Extracts for Making the Same.
Claims use since Jan. 4, 1938.

Ser. No. 408,940. DIONYSIOS KARAVIDAS, doing business as New Gold Bottling Company, Baltimore, Md. Filed July 27, 1938.

New Gold

Orange Drop

The word "Orange" is disclaimed apart from the mark.
For Nonalcoholic, Noncereal, Maltless Beverages, Sold as Soft Drinks.
Claims use since July 16, 1938.

Ser. No. 409,428. FRED KORN, Chicago, Ill. Filed Aug. 10, 1938.



For Non-Alcoholic, Non-Cereal, Maltless Beverages, Sold as Soft Drinks, and Sirups and Extracts for Making the Same, and for Mineral Waters.
Claims use since January, 1938.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 402,107. WM. WRIGLEY JR. COMPANY, Chicago, Ill. Filed Jan. 19, 1938.



The word "Gum" is disclaimed apart from the mark. The word "Mint" is disclaimed except in association with the word "Twin."
For Chewing Gum.
Claims use since Jan. 8, 1938.

Ser. No. 402,108. WM. WRIGLEY JR. COMPANY, Chicago, Ill. Filed Jan. 19, 1938.



The words "Spear Mint Gum" are disclaimed apart from the mark.
For Chewing Gum.
Claims use since Jan. 8, 1938.

Ser. No. 402,109. WM. WRIGLEY JR. COMPANY, Chicago, Ill. Filed Jan. 19, 1938.



The word "Gum" is disclaimed apart from the mark. The word "Mint" is disclaimed except in association with the word "Double."
For Chewing Gum.
Claims use since Jan. 8, 1938.

Ser. No. 404,330. SUN-RIPE COCOANUT PRODUCTS CO., Buenavista, Magdalena, P. I. Filed Mar. 21, 1938.



No claim is made to the words "Ripe" or "Coconut" apart from the mark.
For Desiccated Cocoanut.
Claims use since July 1, 1935.

Ser. No. 407,089. DESERT CITRUS PRODUCTS ASSOCIATION, Tempe, Ariz. Filed June 4, 1938.



No claim is made to the word "Sweet" apart from the mark.
For Canned Citrus Juices for Food Purposes.
Claims use since January, 1938.

Ser. No. 407,241. RAY T. PARFET, doing business as Cosmic-Ray Enterprises, Kalamazoo, Mich. Filed June 8, 1938.

COSMIC - RAY

For Food Beverage Made from Homogenized Milk Mixed with Chocolate, and Carbonated.
Claims use since May 25, 1938.

Ser. No. 407,297. G. C. BEAR, doing business as G. C. Bear and Co., Detroit, Mich. Filed June 10, 1938.

EGG-CELL-ENT

For Pure Food Preparation, Sold in Powdered Form, for Use in Connection with the Whites of Eggs in Baking or Cooking, Functioning as a Control of the Size and Firmness of the Egg Cells.
Claims use since Mar. 24, 1938.

Ser. No. 407,935. PAUL F. BEICH COMPANY, Bloomington and Chicago, Ill. Filed June 27, 1938.

GOLDEN BANTAM

For Candy.
Claims use since Mar. 9, 1938.

Ser. No. 408,360. F. G. VOGT & SONS, INCORPORATED, Philadelphia, Pa. Filed June 9, 1938.

TENDERFOOT

For Canned Pigs Feet.
Claims use since July 6, 1938.

Ser. No. 408,435. PRODUCERS PEANUT COMPANY, INC., Suffolk, Va. Filed July 12, 1938.

JO-JO

For Peanut Butter.
Claims use since Feb. 17, 1938.

Ser. No. 408,459. FISHERMAN'S TUNA PACKING COMPANY, San Diego, Calif. Filed July 13, 1938.

Luxury

Applicant is the owner of the trade-mark shown in registration No. 121,933.
For Canned Fish.
Claims use since Aug. 21, 1917.

Ser. No. 408,460. FISHERMAN'S TUNA PACKING COMPANY, San Diego, Calif. Filed July 13, 1938.

Matinee

Applicant is the owner of the trade-mark shown in registration No. 121,931.
For Canned Fish.
Claims use since Sept. 10, 1917.

Ser. No. 408,544. NATIONAL ASSOCIATION OF FOOD CHAINS, INC., Washington, D. C. Filed July 15, 1938. Under act of Feb. 20, 1905, as amended June 10, 1938.



No claim is made to the word "Brand" apart from the mark.
For Potatoes.
Claims use since Feb. 8, 1938.

Ser. No. 408,641. HENEGAR BROS., doing business as Tennessee Valley Dairies, Pulaski, Tenn. Filed July 19, 1938.



No claim is made to the term "Tennessee Valley" and/or the representation of a section of the carton apart from the mark.
For Butter.
Claims use since May 15, 1938.

Ser. No. 408,642. HERCULES POWDER COMPANY, Wilmington, Del. Filed July 19, 1938.



For Dried Whey, Dried Skim Milk, Dried Buttermilk Used as Feed for Livestock and Poultry.
Claims use since Sept. 30, 1937, on dried whey; since Feb. 12, 1938, on dried skim milk; since Apr. 4, 1938, on dried buttermilk.

Ser. No. 408,644. HERCULES POWDER COMPANY, Wilmington, Del. Filed July 19, 1938.

HERCULES

For Dried Whey, Dried Skim Milk, Dried Buttermilk Used as Feed for Livestock and Poultry.
Claims use since Sept. 30, 1937, on dried whey; since Feb. 12, 1938, on dried skim milk; since Apr. 4, 1938, on dried buttermilk.

Ser. No. 408,863. FRANCES SINAGNAN ET CIE. INC., doing business as Bagatelle, New York, N. Y. Filed July 23, 1938.

Flower Chest

For Candies.
Claims use since Mar. 15, 1937.

Ser. No. 408,928. EDWARD T. MCNANEY, Baltimore, Md. Filed July 26, 1938.

Saltsters

For Fresh Oysters.
Claims use since July 8, 1938.

Ser. No. 409,016. WILTZ W. WAGNER, doing business as Chas. P. Wagner and Bro., New Orleans, La. Filed July 28, 1938.

VITABAN

For Banana Milk Powder Used for Milk Shakes, Ice Creams, Candy, Baked Goods, Sundaes, Dessert Topping, Other Confections, and Baby Food.
Claims use since July 2, 1938.

Ser. No. 409,132. JOE LOWE CORPORATION, New York, N. Y. Filed Aug. 1, 1938.

NUTSICLE

For Frozen Confections.
Claims use since July 26, 1938.

CLASS 47

Wines

Ser. No. 407,520. BOUCHARD AINÉ & FILS, Beaune, France. Filed June 16, 1938.



Applicant disclaims the outline of the label and the words "Grand Rose" apart from the mark.
For Wine.
Claims use since 1918.

Ser. No. 407,521. BOUCHARD AINÉ & FILS, Beaune, France. Filed June 16, 1938.



Applicant disclaims the outline of the label and the words "Bouchard Ainé and Fils" apart from the mark.
For Wines.
Claims use since 1888.

Ser. No. 407,528. BOUCHARD AINÉ & FILS, Beaune, France. Filed June 16, 1938.



Applicant disclaims the outline of the label and the words "La Marche" apart from the mark.
For Wines.
Claims use since 1918.

CLASS 48

Malt Beverages and Liquors

Ser. No. 395,810. BRITISH AMERICAN BREWING COMPANY LIMITED, Windsor, Ontario, Canada. Filed July 30, 1937. Under 10-year proviso.

Cincinnati Cream

For Ales, Beers, Lagers, Porters, and Stouts.
Claims use since 1882.

Ser. No. 402,784. MOUND CITY BREWING CO., New Athens, Ill. Filed Feb. 7, 1938.

KING LOUIS

For Beer.
Claims use since Mar. 2, 1937.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 407,381. MARGULIS & COMPANY, Philadelphia, Pa. Filed June 11, 1938.

HAR HAZELSIM BRAND

"Har Hazelsim" is translated "Mount Hazelsim". The word "Brand" is disclaimed apart from the mark.
For Brandy.
Claims use since 1915.

Ser. No. 407,582. ABRAM SMITH BOWMAN, doing business as A. Smith Bowman Distillery, Sunset Hills, Va. Filed June 17, 1938.

Old Virginia Hills

The word "Virginia" is disclaimed except as shown.
For Whiskey.
Claims use since May 14, 1938.

Ser. No. 409,192. CUMMINS DISTILLERIES CORPORATION, Louisville and Athertonville, Ky. Filed Aug. 3, 1938.

Fort Nelson



The term "Fort Nelson" is disclaimed apart from the mark.
For Whiskies.
Claims use since May 19, 1938.

Ser. No. 409,557. THE CALVERT DISTILLING CO., Baltimore, Md. Filed Aug. 13, 1938.

BIG BEAR



For Gin.
Claims use since June 27, 1938.

Ser. No. 409,604. DISTILLERS DISTRIBUTING CORPORATION, Minneapolis, Minn. Filed Aug. 15, 1938.

BIRCHMONT

For Whiskey.
Claims use since April, 1937.

Ser. No. 409,605. DISTILLERS DISTRIBUTING CORPORATION, Minneapolis, Minn. Filed Aug. 15, 1938.

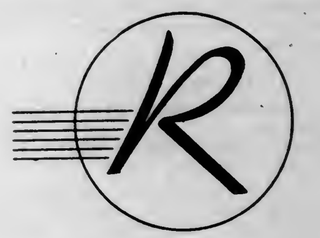
GREEN HAVEN

For Whiskey.
Claims use since April, 1937.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 407,603. THE RAPID ELECTROTYPE CO., Cincinnati, Ohio. Filed June 17, 1938.



For Matrix or Flong Used in Stereotyping.
Claims use since May 6, 1938.

Ser. No. 407,604. THE RAPID ELECTROTYPE CO., Cincinnati, Ohio. Filed June 17, 1938.



5-STAR

For Matrix or Flong Used in Stereotyping.
Claims use since May 6, 1938.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

SEPTEMBER 27, 1938

360,715. LADIES' SLIPS, NIGHTGOWNS, PAJAMAS, PANTIES, CHEMISES, AND DANCE-SETS. MILCO UNDERGARMENT CO., New York, N. Y.
Filed March 1, 1935. Serial No. 362,036. PUBLISHED MAY 7, 1935. Class 39.

360,716. RAW GLASS FOR OPTICAL MANUFACTURE; GLASS TUBES. JENAER GLASWERK SCHOTT & GEN., Jena, Germany.
Filed March 19, 1936. Serial No. 376,160. PUBLISHED JULY 19, 1938. Class 33.

360,717. RAW GLASS FOR OPTICAL MANUFACTURE; GLASS TUBES. JENAER GLASWERK SCHOTT & GEN., Jena, Germany.
Filed May 28, 1936. Serial No. 378,966. PUBLISHED JULY 19, 1938. Class 33.

360,718. KITCHEN FURNITURE—NAMELY, KITCHEN BASE CABINETS AND KITCHEN WALL CABINETS. MUTSCHLER BROTHERS COMPANY, Nappanee, Ind.
Filed August 31, 1936. Serial No. 382,762. PUBLISHED JULY 19, 1938. Class 32.

360,719. WHISKEY. PHILIP BLUM & COMPANY, INC., Chicago, Ill.
Filed March 6, 1937. Serial No. 389,718. PUBLISHED JULY 19, 1938. Class 49.

360,720. ELECTRIC VACUUM CLEANERS. UNITED VACUUM CLEANER STORES, Cleveland, Ohio.
Filed March 11, 1937. Serial No. 389,948. PUBLISHED JULY 27, 1937. Class 21.

360,721. MONTHLY PUBLICATION DEVOTED PRIMARILY TO TELEVISION. FIRST NATIONAL TELEVISION, INC., Kansas City, Mo.
Filed March 26, 1937. Serial No. 390,577. PUBLISHED AUGUST 10, 1937. Class 38.

360,722. DISPENSING APPARATUS AND APPLIANCES COMPRISING WHIPPED CREAM DISPENSERS AND PARTS THEREOF, AND GAS-FILLED TANKS AND CARTRIDGES. AUTO CREAM WHIP CORPORATION, New York, N. Y.
Filed April 16, 1937. Serial No. 391,412. PUBLISHED JANUARY 11, 1938. Class 23.

360,723. SWEATERS. TRIBORO KNITTING MILLS, INC., New York, N. Y.
Filed April 24, 1937. Serial No. 391,830. PUBLISHED JUNE 28, 1938. Class 39.

360,724. NOVELTIES, COMPRISING HAT BANDS, HAT BOWS, TASSELS; NARROW BRAIDS COMPOSED OF RAYON, SILK, AND/OR COTTON; AND TRIMMINGS FOR MEN'S HATS. O. REGEN MANUFACTURING CO., INC., New York, N. Y.
Filed May 10, 1937. Serial No. 392,552. PUBLISHED JULY 19, 1938. Class 40.

360,725. CANNED GOODS AS FOLLOWS—APRICOTS, ARTICHOKES, ASPARAGUS TIPS, BARTLETT PEARS, BEETS, ETC. WAPLES PLATTER COMPANY, Fort Worth, Tex.
Filed May 17, 1937. Serial No. 392,901. PUBLISHED JULY 19, 1938. Class 46.

360,726. BEER. SOUTH BEND BREWING COMPANY, South Bend, Ind.
Filed May 28, 1937. Serial No. 393,396. PUBLISHED AUGUST 24, 1937. Class 48.

360,727. HOUSE ORGAN. RCA MANUFACTURING COMPANY, INC., Camden, N. J.
Filed July 10, 1937. Serial No. 395,096. PUBLISHED SEPTEMBER 21, 1937. Class 38.

360,728. HOSIERY. THE GREENFIELD WHOLESALE CO., Greenfield, Ohio.
Filed July 13, 1937. Serial No. 395,172. PUBLISHED JULY 12, 1938. Class 39.

360,729. SCOTCH WHISKEY. WM. SANDERSON & SON, Leith, Scotland.
Filed August 4, 1937. Serial No. 396,015. PUBLISHED JULY 19, 1938. Class 49.

360,730. WEATHER STRIP. W. J. DENNIS & COMPANY, Chicago, Ill.
Filed August 16, 1937. Serial No. 396,455. PUBLISHED JULY 19, 1938. Class 12.

360,731. MIXED FEED FOR POULTRY AND LIVESTOCK. THE FARM BUREAU COOPERATIVE ASSOCIATION, INC., Columbus, Ohio.
Filed September 3, 1937. Serial No. 397,074. PUBLISHED JULY 19, 1938. Class 46.

360,732. PIECE GOODS OF COTTON AND SILK MIXTURE, RAYON, ALPACA, AND MOHAIR. HENRY A. DIX & SONS CORPORATION, New York, N. Y.
Filed October 7, 1937. Serial No. 398,240. PUBLISHED JULY 19, 1938. Class 42.

360,733. CHAINS OF ALL DESCRIPTIONS USED IN CONNECTION WITH SLIDE FASTENERS. VOGUE SLIDE FASTENER CORP., New York, N. Y.
Filed October 23, 1937. Serial No. 398,863. PUBLISHED MARCH 1, 1938. Class 13.

360,734. LIQUID PREPARATION FOR CLEANING WINDOW GLASS. GEORGE S. BROWN, JR., doing business as Coastal Chemical Company, Savannah, Ga.
Filed October 29, 1937. Serial No. 399,070. PUBLISHED JULY 12, 1938. Class 4.

360,735. LUBRICATING OILS AND GREASES AND GASOLINE. THE GLOBE OIL & REFINING COMPANY, Wichita, Kans.
Filed November 2, 1937. Serial No. 399,229. PUBLISHED JULY 5, 1938. Class 15.

360,736. FRESH CITRUS FRUITS. BAYVIEW CITRUS ASSOCIATION, Los Fresnos, Tex.
Filed November 4, 1937. Serial No. 399,286. PUBLISHED JULY 19, 1938. Class 46.

360,737. DETERGENT AND CLEANSER IN POWDER AND TABLET FORM HAVING INCIDENTAL WATER CONDITIONING PROPERTIES. THE PHOSPHATE MINING COMPANY, New York, N. Y.
Filed November 9, 1937. Serial No. 399,514. PUBLISHED JULY 19, 1938. Class 4.

360,738. FRESH CITRUS FRUITS. STUART PLACE CITRUS ASSOCIATION, Harlingen, Tex.
Filed November 12, 1937. Serial No. 399,688. PUBLISHED JULY 19, 1938. Class 46.

360,739. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND SIRUPS AND EXTRACTS FOR MAKING THE SAME. L. STEINBERGER & SONS, INC., Jersey City, N. J.
Filed November 13, 1937. Serial No. 399,738. PUBLISHED JUNE 28, 1938. Class 45.

360,740. FRESH CITRUS FRUITS. TOLAND & DONALD, Mission, Tex.
Filed November 24, 1937. Serial No. 400,137. PUBLISHED JULY 19, 1938. Class 46.

360,741. FRESH APPLES. ESTATE OF WILLIAM S. DWINNELL, deceased, doing business as Dwinnell Bros. Orchards, Minneapolis, Minn.
Filed December 6, 1937. Serial No. 400,496. PUBLISHED JULY 19, 1938. Class 46.

360,742. REEDS FOR MUSICAL INSTRUMENTS, REED AND WIND MUSICAL INSTRUMENTS—NAMELY, CLARINETS, TRUMPETS, CORNETS, TROMBONES, SAXOPHONES, ACCORDIONS, AND HARMONICAS. PROGRESSIVE MUSICAL INSTRUMENT CORPORATION, New York, N. Y.
Filed December 6, 1937. Serial No. 400,526. PUBLISHED JULY 19, 1938. Class 36.

360,743. STERILIZING RECEPTACLES FOR ARTIFICIAL DENTURES. KLEEN-O-DENT LABORATORIES, INC., Newark, N. J.
Filed December 16, 1937. Serial No. 400,910. PUBLISHED JULY 19, 1938. Class 44.

360,744. BREAD, ROLLS, BUNS, BISCUITS, DANISH PASTRY, PIES, CAKES, AND CRACKERS. CHARTON C. FRANTZ, doing business as The Frantz Company, Pittsburgh, Pa.
Filed December 22, 1937. Serial No. 401,141. PUBLISHED JULY 19, 1938. Class 46.

360,745. RESIN TYPE ADHESIVES. ARMSTRONG CORK PRODUCTS COMPANY, Lancaster, Pa.
Filed December 29, 1937. Serial No. 401,327. PUBLISHED JULY 12, 1938. Class 5.

360,746. MULE BANDING MADE OF VEGETABLE FIBERS. JAMES H. BILLINGTON CO., Philadelphia, Pa.
Filed January 5, 1938. Serial No. 401,551. PUBLISHED JULY 12, 1938. Class 7.

360,747. WEARING APPAREL FOR MEN, WOMEN, AND CHILDREN—NAMELY, JACKETS, RAINCOATS, RAINCAPES, RAIN HATS, ETC. ROSE KRANTZ, doing business as Dressaver Company, Brooklyn, N. Y.
Filed January 7, 1938. Serial No. 401,671. PUBLISHED JULY 19, 1938. Class 39.

360,748. CANNED SAUERKRAUT AND CANNED SAUERKRAUT JUICE. THE FRANK PURE FOOD COMPANY, Franksville, Wis.
Filed January 10, 1938. Serial No. 401,733. PUBLISHED JULY 19, 1938. Class 46.

360,749. TOILET SOAPS. GERARD BROTHERS LIMITED, Nottingham, England.
Filed January 10, 1938. Serial No. 401,737. PUBLISHED JULY 19, 1938. Class 4.

360,750. ELECTRIC FLASHLIGHTS. UNITED STATES ELECTRIC MFG. CORPORATION, New York, N. Y.
Filed January 15, 1938. Serial No. 401,951. PUBLISHED JULY 19, 1938. Class 21.

360,751. EGG TESTERS. THE BUNDY INCUBATOR COMPANY, Springfield, Ohio.
Filed January 17, 1938. Serial No. 401,981. PUBLISHED JULY 19, 1938. Class 26.

360,752. OIL WELL DRILLING TOOLS AND PARTS THEREFOR—NAMELY, DRILL BITS AND CORE BARRELS. UNIVERSAL ENGINEERING CO., LTD., Los Angeles, Calif.
Filed January 17, 1938. Serial No. 402,038. PUBLISHED JULY 19, 1938. Class 23.

360,753. NON-ELECTRIC HAIR CURLERS AND HAIR WAVERS. THE GLEMBY COMPANY, INC., New York, N. Y.
Filed January 20, 1938. Serial No. 402,124. PUBLISHED JULY 19, 1938. Class 40.

360,754. SANITARY NAPKINS, SANITARY BELTS, AND ABSORBENT COTTON. HEARN DEPARTMENT STORES, INC., New York, N. Y.
Filed January 21, 1938. Serial No. 402,183. PUBLISHED JULY 19, 1938. Class 44.

360,755. SHORTS, BEACH-PANTS, OVERALLS, BEACH-SKIRTS, KNITTED AND FLAT UNDERWEAR FOR WOMEN, HOSIERY. IMPERIAL HOSIERY COMPANY, Pittsburgh, Pa.
Filed January 21, 1938. Serial No. 402,189. PUBLISHED JULY 5, 1938. Class 39.

360,756. POPCORN IN ITS NATURAL STATE AND PREPARED POPCORN—NAMELY, POPPED POPCORN. HUDELSON SALES CORPORATION, doing business as General Popcorn Company, Los Angeles, Calif.
Filed January 24, 1938. Serial No. 402,263. PUBLISHED JULY 19, 1938. Class 46.

360,757. DICE OR DOMINO GAME TABLE TOPS. CLARENCE H. CLARK, doing business as Cobay Company, San Francisco, Calif.
Filed January 25, 1938. Serial No. 402,287. PUBLISHED JULY 19, 1938. Class 22.

360,758. DICE OR DOMINO GAME TABLE TOPS. CLARENCE H. CLARK, doing business as Cobay Company, San Francisco, Calif.
Filed January 25, 1938. Serial No. 402,288. PUBLISHED JULY 19, 1938. Class 22.

360,759. DICE OR DOMINO GAME TABLE TOPS. CLARENCE H. CLARK, doing business as Cobay Company, San Francisco, Calif.
Filed January 25, 1938. Serial No. 402,289. PUBLISHED JULY 19, 1938. Class 22.

360,760. LUBRICATING OIL. UNITED STATES AVIEX CORPORATION, Long Island City, N. Y.
Filed January 26, 1938. Serial No. 402,354. PUBLISHED JULY 5, 1938. Class 15.

360,761. CARPETS AND RUGS. THE MAGEE CARPET COMPANY, Bloomsburg, Pa.
Filed January 28, 1938. Serial No. 402,398. PUBLISHED JULY 19, 1938. Class 42.

360,762. CARPETS AND RUGS. THE MAGEE CARPET COMPANY, Bloomsburg, Pa.
Filed January 28, 1938. Serial No. 402,399. PUBLISHED JULY 19, 1938. Class 42.

360,763. CARPETS AND RUGS. THE MAGEE CARPET COMPANY, Bloomsburg, Pa.
Filed January 28, 1938. Serial No. 402,400. PUBLISHED JULY 19, 1938. Class 42.

360,764. CARPETS AND RUGS. THE MAGEE CARPET COMPANY, Bloomsburg, Pa.
Filed January 28, 1938. Serial No. 402,402. PUBLISHED JULY 19, 1938. Class 42.

360,765. MAGAZINE PUBLICATION. MERWIL PUBLISHING CO. INC., New York, N. Y.
Filed January 28, 1938. Serial No. 402,431. PUBLISHED JULY 19, 1938. Class 38.

360,766. PIECE GOODS COMPRISED OF COTTON, WOOL, SILK, RAYON, AND/OR COMBINATIONS THEREOF. INTERNATIONAL LOOMS INC., New York, N. Y.
Filed January 29, 1938. Serial No. 402,479. PUBLISHED JULY 19, 1938. Class 42.

360,767. CANNED VEGETABLES. HANOVER CANNING COMPANY, Hanover, Pa.
Filed February 4, 1938. Serial No. 402,683. PUBLISHED JULY 19, 1938. Class 46.

360,768. GARMENTS—NAMELY, BLOUSES, SHIRTWAISTS, BOLEROS, AND SMOCKS FOR WOMEN. GARFINKEL & RITTER, New York, N. Y.
Filed February 14, 1938. Serial No. 403,005. PUBLISHED JULY 19, 1938. Class 39.

360,769. WEATHERSTRIP. RAYSTEEL SPECIALTIES, INC., Cleveland, Ohio.
Filed February 16, 1938. Serial No. 403,092. PUBLISHED JULY 12, 1938. Class 12.

360,770. WOMEN'S AND MISSES' DRESSES, COATS, JACKETS, SKIRTS, AND BLOUSES MADE OF RAYON, SILK, COTTON, WOOL, OR MIXTURES THEREOF. STAR-MAID DRESSES INC., New York, N. Y.
Filed February 18, 1938. Serial No. 403,188. PUBLISHED JUNE 28, 1938. Class 39.

360,771. FOLDABLE IRONING TABLES AND FOLDABLE TUB BENCHES. THE BREWER-TITCHENER CORPORATION, Cortland, N. Y.
Filed February 23, 1938. Serial No. 403,302. PUBLISHED JULY 19, 1938. Class 24.

360,772. BATHING GOGGLES AND SPECTACLES. AMERICAN SPECTACLE CO., INC., New York, N. Y.
Filed February 25, 1938. Serial No. 403,389. PUBLISHED JULY 19, 1938. Class 26.

360,773. BI-MONTHLY MAGAZINE OF GENERAL INTEREST TO THOSE ENGAGED IN DEPARTMENT STORE AND RETAIL BUSINESS. DEPARTMENT STORE PUBLISHING CORPORATION, New York, N. Y.
Filed February 25, 1938. Serial No. 403,400. PUBLISHED JUNE 28, 1938. Class 38.

360,774. CONDUIT, DUCTS, AND PIPES MADE OF FIBRE COMPOSITION, AND FITTINGS FOR THE SAME. THE FIBRE CONDUIT COMPANY, Orangeburg, N. Y.
Filed February 26, 1938. Serial No. 403,449. PUBLISHED JULY 5, 1938. Class 12.

360,775. LADIES' SLIPS, UNDERWEAR, PANTIES, BLOOMERS, GOWNS FOR SLEEPING AND LOUNGING PURPOSES, PAJAMAS, AND BLOUSES. CONTINENTAL UNDERGARMENT CO., INC., Brooklyn, N. Y.
Filed March 1, 1938. Serial No. 403,540. PUBLISHED JULY 12, 1938. Class 39.

360,776. CLEANSING POWDER FOR REMOVING DIRT AND OTHER IMPURITIES FROM TOILET BOWLS, SINKS, TUBS, AND ENAMELED TILE SURFACES IN HOUSEHOLD USE. CROWN PRODUCTS CORPORATION, San Francisco, Calif.
Filed March 5, 1938. Serial No. 403,720. PUBLISHED JULY 19, 1938. Class 4.

360,777. WEEKLY NEWSPAPER. THE MONDAY MORNING PUBLISHER INC., Detroit, Mich.
Filed April 1, 1938. Serial No. 404,770. PUBLISHED JULY 19, 1938. Class 38.

360,778. DRY SHAVERS. LEON STRAUSS, New York, N. Y., assignor to The Roto-Shaver Incorporated, New York, N. Y., a corporation of Connecticut.
Filed March 7, 1938. Serial No. 403,791. PUBLISHED JULY 19, 1938. Class 23.

360,779. ELECTRIC RESISTORS. NATIONAL CARBON COMPANY, INC., New York, N. Y.
Filed March 8, 1938. Serial No. 403,824. PUBLISHED JULY 19, 1938. Class 21.

360,780. SPORT JACKETS AND PARKAS FOR USE BY MEN AND YOUNG MEN. CONGRESS SHIRT COMPANY, Boston, Mass.
Filed March 9, 1938. Serial No. 403,858. PUBLISHED JULY 5, 1938. Class 39.

360,781. DOOR CATCHES. C. L. FROST & SON, Grand Rapids, Mich.
Filed March 14, 1938. Serial No. 404,039. PUBLISHED JULY 19, 1938. Class 25.

360,782. KNITTED SWEATERS, SUITS, AND SKIRTS. HERALD KNITWEAR CO. INC., New York, N. Y.
Filed March 14, 1938. Serial No. 404,044. PUBLISHED JULY 12, 1938. Class 39.

360,783. PEANUT BRITTLE. SYBIL PRIESTLEY, Monticello, Ill.
Filed March 17, 1938. Serial No. 404,183. PUBLISHED JULY 19, 1938. Class 46.

360,784. RAIL-STEEL CONCRETE REINFORCEMENT BARS. RAIL STEEL BAR ASSOCIATION, Chicago, Ill.
Filed March 16, 1938. Serial No. 404,136. PUBLISHED JULY 12, 1938. Class 12.

360,785. SPORT JACKETS AND PARKAS FOR USE BY MEN AND YOUNG MEN. CONGRESS SHIRT COMPANY, Boston, Mass.
Filed March 17, 1938. Serial No. 404,162. PUBLISHED JUNE 28, 1938. Class 39.

360,786. NEGLIGEE SHIRTS FOR MEN AND YOUTHS. S. LIEBOVITZ & SONS, INC., New York, N. Y.
Filed March 17, 1938. Serial No. 404,177. PUBLISHED JUNE 28, 1938. Class 39.

360,787. NEWSPAPER OR PERIODICAL PUBLISHED FORTNIGHTLY. THE NORED CORPORATION, Harrisburg, Pa.
Filed March 18, 1938. Serial No. 404,229. PUBLISHED JULY 12, 1938. Class 38.

360,788. AUTOMOBILE BRAKE ADJUSTMENT MECHANISM ADAPTED TO BE CARRIED BY THE BRAKE BAND ASSEMBLY. SUPER BRAKE-FLOATER CORP., Chicago, Ill.
Filed March 18, 1938. Serial No. 404,235. PUBLISHED JULY 19, 1938. Class 19.

360,789. MEN'S FLANNEL SHIRTS; MEN'S, WOMEN'S, MISSES', AND CHILDREN'S JACKETS; MEN'S, WOMEN'S, MISSES', AND CHILDREN'S MACKINAWS, ETC. COHEN-FEIN COMPANY, Wilkes-Barre, Pa.
Filed March 21, 1938. Serial No. 404,293. PUBLISHED JULY 12, 1938. Class 39.

360,790. PRECIOUS-METAL PLATED TABLEWARE, INCLUDING FLATWARE AND HOLLOW WARE AND THE LIKE. DODGE, INCORPORATED, Los Angeles, Calif.
Filed March 21, 1938. Serial No. 404,297. PUBLISHED JULY 12, 1938. Class 28.

360,791. SHIPPING CONTAINERS FOR MATTRESSES AND BOX SPRINGS. AMBROSE C. ABBOTT, doing business as A. C. Abbott Products Co., Los Angeles, Calif.
Filed March 22, 1938. Serial No. 404,341. PUBLISHED JUNE 14, 1938. Class 2.

360,792. MISSES' AND JUNIORS' DRESSES. ERNEST JANOWITZ, New York, N. Y.
Filed March 26, 1938. Serial No. 404,530. PUBLISHED JULY 12, 1938. Class 39.

360,793. THREAD AND YARN OF ALL KINDS. J. A. CARP'S GARENFABRIEKEN N. V., Helmond, Netherlands.
Filed March 30, 1938. Serial No. 404,631. PUBLISHED JULY 5, 1938. Class 43.

360,794. POSITION AND DIRECTION DETERMINING APPARATUS, INCLUDING HOMING DEVICES. STÉ. ANONYME INTERNATIONALE DE TÉLÉGRAPHIE SANS FIL, Brussels, Belgium.
Filed March 30, 1938. Serial No. 404,663. PUBLISHED JULY 19, 1938. Class 26.

360,795. POSITION AND DIRECTION DETERMINING APPARATUS, INCLUDING HOMING DEVICES. STÉ. ANONYME INTERNATIONALE DE TÉLÉGRAPHIE SANS FIL, Brussels, Belgium.
Filed March 30, 1938. Serial No. 404,664. PUBLISHED JULY 19, 1938. Class 26.

360,796. ELECTRICALLY OPERATED PROTECTIVE SYSTEMS, VISIBLE AND AUDIBLE AND COMBINATIONS OF BOTH, FOR FIRE, BURGLARY, AND HOLDUP. ELECTRO-PROTECTIVE CORPORATION, Newark, N. J.
Filed March 31, 1938. Serial No. 404,696. PUBLISHED JULY 19, 1938. Class 21.

360,797. GAS HEATERS, HOT WATER HEATERS, CIRCULATING GAS HEATERS, AND RADIANT GAS HEATERS USING BUTANE GAS FOR FUEL, AND BUTANE DISTRIBUTING UNITS. NATIONAL BUTANE GAS COMPANY, Memphis, Tenn.
Filed April 4, 1938. Serial No. 404,862. PUBLISHED JULY 19, 1938. Class 34.

360,798. MEN'S, BOYS', AND CHILDREN'S OUTER GARMENTS, CONSISTING OF COATS, VESTS, PANTS, AND TROUSERS MADE OF VELOUR FABRIC. COHEN, GOLDMAN & CO. INC., New York, N. Y.
Filed April 6, 1938. Serial No. 404,935. PUBLISHED JUNE 28, 1938. Class 39.

360,799. CHOCOLATE AND MALT FLAVORED POWDER FOR USE IN MAKING FOOD BEVERAGES. SOCIETE MENIER, Paris, France.
Filed April 8, 1938. Serial No. 405,040. PUBLISHED JULY 5, 1938. Class 46.

360,800. LADIES', MISSES', AND CHILDREN'S DRESSES. GROBLUE KNITTING MILLS, INC., New York, N. Y.
Filed April 12, 1938. Serial No. 405,160. PUBLISHED JUNE 28, 1938. Class 39.

360,801. ALMOND EXTRACT FOR FOOD FLAVORING PURPOSES, BAKING POWDER, BARLEY, BACON, BERRY SAUCES, BIRD FOODS, BISCUITS, BOLOGNA, ETC. R. H. MACY & CO., INC., New York, N. Y.
Filed April 12, 1938. Serial No. 405,171. PUBLISHED JULY 19, 1938. Class 46.

360,802. KNITTED SWEATERS. FRIENDLY KNITTING MILLS, INC., Brooklyn, N. Y.
Filed April 13, 1938. Serial No. 405,203. PUBLISHED JUNE 28, 1938. Class 39.

360,803. COATING ASPHALTS. HUMBLE OIL & REFINING COMPANY, Houston, Tex.
Filed April 13, 1938. Serial No. 405,208. PUBLISHED JULY 19, 1938. Class 12.

360,804. COATINGS OF THE NATURE OF LUBRICATING LIQUIDS AND LUBRICATING GREASES. HUMBLE OIL & REFINING COMPANY, Houston, Tex.
Filed April 13, 1938. Serial No. 405,209. PUBLISHED JULY 19, 1938. Class 15.

360,805. MASTS AND POLES. POLARIS LIMITED, Birmingham, England.
Filed April 15, 1938. Serial No. 405,319. PUBLISHED JULY 19, 1938. Class 12.

360,806. BED SHEETS, PILLOW CASES, TOWELS, SLIP COVERS, FURNITURE SCARFS, TEXTILE RUG PADS, AND DOILIES. THE BUCKLEY, NEWHALL COMPANY, New York, N. Y.
Filed April 16, 1938. Serial No. 405,341. PUBLISHED JULY 19, 1938. Class 42.

360,807. MONTHLY MAGAZINE. FAWCETT PUBLICATIONS, INC., Greenwich, Conn.
Filed April 16, 1938. Serial No. 405,351. PUBLISHED JULY 19, 1938. Class 38.

360,808. KNITTED SWEATERS AND KNITTED BATHING SUITS. U. S. KNITWEAR CO., Baltimore, Md.
Filed April 16, 1938. Serial No. 405,375. PUBLISHED JUNE 28, 1938. Class 39.

360,809. FRESH AVOCADOS. EVERETT JOHNSTON, doing business as King Salad Avocado Co., Vista, Calif.
Filed April 18, 1938. Serial No. 405,393. PUBLISHED JULY 19, 1938. Class 46.

360,810. WOMEN'S AND CHILDREN'S DRESSES. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed April 18, 1938. Serial No. 405,412. PUBLISHED JUNE 28, 1938. Class 39.

360,811. INTERNAL COMBUSTION ENGINES AND PARTS THEREOF. SYNCRO DEVICES, INCORPORATED, Detroit, Mich.
Filed April 18, 1938. Serial No. 405,425. PUBLISHED JULY 19, 1938. Class 23.

360,812. INTERNAL COMBUSTION ENGINES AND PARTS THEREOF. SYNCRO DEVICES, INCORPORATED, Detroit, Mich.
Filed April 18, 1938. Serial No. 405,426. PUBLISHED JULY 12, 1938. Class 23.

360,813. LIQUID FUEL FOR INTERNAL COMBUSTION ENGINES. THE DISTILLERS COMPANY LIMITED, Edinburgh, Scotland.
Filed April 20, 1938. Serial No. 405,488. PUBLISHED JULY 19, 1938. Class 15.

360,814. WOMEN'S AND GIRLS' HOSIERY. CLEAR WEAVE HOSIERY STORES, INC., Jamaica Plain, Boston, Mass.
Filed April 21, 1938. Serial No. 405,550. PUBLISHED JULY 5, 1938. Class 39.

360,815. MEN'S AND BOYS' TOPCOATS AND OVERCOATS. LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y.
Filed April 21, 1938. Serial No. 405,560. PUBLISHED JULY 5, 1938. Class 39.

360,816. SEMI-WEEKLY MAGAZINE. JAY EMANUEL PUBLICATIONS, INC., Philadelphia, Pa.
Filed April 22, 1938. Serial No. 405,603. PUBLISHED JULY 19, 1938. Class 38.

360,817. SEMI-WEEKLY MAGAZINE. JAY EMANUEL PUBLICATIONS, INC., Philadelphia, Pa.
Filed April 22, 1938. Serial No. 405,602. PUBLISHED JULY 19, 1938. Class 38.

360,818. YARNS. THE HACKER IMPORT CORPORATION, New York, N. Y.
Filed April 23, 1938. Serial No. 405,644. PUBLISHED JULY 5, 1938. Class 43.

360,819. PERIODICAL PUBLICATIONS. THE BUREAU OF NATIONAL AFFAIRS, INCORPORATED, Washington, D. C.
Filed April 25, 1938. Serial No. 405,685. PUBLISHED JULY 19, 1938. Class 38.

360,820. WOMEN'S AND MISSES' DRESSES. SHEILA-LYNN, INC., New York, N. Y.
Filed April 25, 1938. Serial No. 405,704. PUBLISHED JULY 5, 1938. Class 39.

360,821. FELT BASE FLOOR COVERINGS. CARTHAGE MILLS INCORPORATED, Cincinnati, Ohio.
Filed April 29, 1938. Serial No. 405,843. PUBLISHED JULY 12, 1938. Class 20.

360,822. SEMI-GLOSS PAINT. MOUND CITY PAINT AND COLOR COMPANY, St. Louis, Mo.
Filed April 29, 1938. Serial No. 405,853. PUBLISHED JULY 19, 1938. Class 16.

360,823. PAINT ENAMEL. MOUND CITY PAINT AND COLOR COMPANY, St. Louis, Mo.
Filed April 29, 1938. Serial No. 405,854. PUBLISHED JULY 19, 1938. Class 16.

360,824. VARNISH. BEAUTY KOTE CORP., Newark, N. J.
Filed April 30, 1938. Serial No. 405,870. PUBLISHED JULY 19, 1938. Class 16.

360,825. PAJAMAS. LA PAREE UNDERGARMENT CO., INC., Jersey City, N. J.
Filed April 30, 1938. Serial No. 405,880. PUBLISHED JULY 12, 1938. Class 39.

360,826. SOUND ABSORBENT PLASTIC MATERIAL IN DRY, LIQUID, AND RIGIDLY SET FORMS. JOHN GUY BRITTON, Lansdowne, Pa.
Filed May 2, 1938. Serial No. 405,911. PUBLISHED JULY 19, 1938. Class 12.

360,827. FACTORY FITTED WINDOW UNITS, INCLUDING FRAMES, WINDOWS, STORM SASHES, AND SCREENS. ROACH & MUSSER COMPANY, Muscatine, Iowa.
Filed May 2, 1938. Serial No. 405,937. PUBLISHED JULY 19, 1938. Class 12.

360,828. WOMEN'S AND MISSES' TWO-PIECE PLAYSUITS MADE OF A PRINTED RAYON FABRIC. LOOMTOGS, INC., New York, N. Y.
Filed May 3, 1938. Serial No. 405,964. PUBLISHED JUNE 28, 1938. Class 39.

360,829. PORTLAND CEMENT. UNIVERSAL ATLAS CEMENT COMPANY, Chicago, Ill.
Filed May 3, 1938. Serial No. 405,973. PUBLISHED JULY 19, 1938. Class 12.

360,830. PERMANENT WAVE APPARATUS AND SOLUTIONS SOLD AS A UNIT. HALGAR, INC., Chicago, Ill.
Filed May 4, 1938. Serial No. 405,987. PUBLISHED JULY 19, 1938. Class 44.

360,831. MASONRY CEMENT. MARQUETTE CEMENT MANUFACTURING COMPANY, Chicago, Ill.
Filed May 4, 1938. Serial No. 405,994. PUBLISHED JULY 19, 1938. Class 12.

360,832. BOOKS, PARTICULARLY DICTIONARIES. G. & C. MERRIAM COMPANY, Springfield, Mass.
Filed May 4, 1938. Serial No. 405,995. PUBLISHED JULY 19, 1938. Class 38.

360,833. BOOKS, PARTICULARLY DICTIONARIES. G. & C. MERRIAM COMPANY, Springfield, Mass.
Filed May 4, 1938. Serial No. 405,996. PUBLISHED JULY 19, 1938. Class 38.

360,834. HOSIERY. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed May 4, 1938. Serial No. 406,003. PUBLISHED JULY 5, 1938. Class 39.

360,835. WOMEN'S AND MISSES' FURS—I. E., COATS, CAPES, SCARFS, MUFFS, AND HATS; DRESSES, TEAGOWNS, COATS, SUITS, OUTER SKIRTS, BLOUSES, SWEATERS, HOSIERY, SCARFS, GLOVES MADE OF LEATHER AND FABRIC, NIGHTGOWNS, NEGLIGEES, SLIPS, PANTIES, AND BRASSIÈRES. BONWIT TELLER, INC., New York, N. Y.
Filed May 5, 1938. Serial No. 406,013. PUBLISHED JULY 19, 1938. Class 39.

360,836. GIRDLES, CORSELETS, AND PANTIE-GIRDLES. THE A. J. DONAHUE CORPORATION, Milford, Conn.
Filed May 5, 1938. Serial No. 406,016. PUBLISHED JULY 19, 1938. Class 39.

360,837. LEATHER SHOES. J. & J. SLATER, INC., New York, N. Y.
Filed May 5, 1938. Serial No. 406,031. PUBLISHED JULY 19, 1938. Class 39.

360,838. LEATHER SHOES. J. & J. SLATER, INC., New York, N. Y.
Filed May 5, 1938. Serial No. 406,032. PUBLISHED JULY 19, 1938. Class 39.

360,839. FISHING RODS AND REELS. MONTAGUE ROD AND REEL COMPANY, Montague City, Mass.
Filed May 6, 1938. Serial No. 406,066. PUBLISHED JUNE 21, 1938. Class 22.

360,840. WOMEN'S WASH DRESSES AND HOUSECOATS. BERNARD DRESS MFG. CO., INC., Buffalo, N. Y.
Filed May 9, 1938. Serial No. 406,110. PUBLISHED JULY 5, 1938. Class 39.

360,841. TOWELS. BLOOMINGDALE BROS., INC., New York, N. Y.
Filed May 9, 1938. Serial No. 406,113. PUBLISHED JULY 19, 1938. Class 42.

360,842. MONTHLY PUBLICATION. CHILTON COMPANY, Philadelphia, Pa.
Filed May 10, 1938. Serial No. 406,176. PUBLISHED JULY 19, 1938. Class 38.

360,843. PHOTOGRAPHIC PROJECTION PRINTERS. THE GEVAERT COMPANY OF AMERICA, INC., New York, N. Y.
Filed May 10, 1938. Serial No. 406,181. PUBLISHED JULY 19, 1938. Class 26.

360,844. WOMEN'S, MISSES', AND JUNIORS' FUR AND CLOTH COATS, AND SUITS. THE J. L. HUDSON COMPANY, Detroit, Mich.
Filed May 10, 1938. Serial No. 406,184. PUBLISHED JULY 12, 1938. Class 39.

360,845. MEN'S SUITS, TOPCOATS, AND OVERCOATS. THE J. L. HUDSON COMPANY, Detroit, Mich.
Filed May 10, 1938. Serial No. 406,185. PUBLISHED JULY 12, 1938. Class 39.

360,846. DIAMOND CORE BITS, DIAMOND DRESSING TOOLS, AND DIAMOND CUTTING TOOLS. J. K. SMIT & SONS, INC., New York, N. Y.
Filed May 10, 1938. Serial No. 406,198. PUBLISHED JULY 19, 1938. Class 23.

360,847. LADIES', MISSES', AND CHILDREN'S HATS. BERNARD WORKMAN, New York, N. Y.
Filed May 10, 1938. Serial No. 406,205. PUBLISHED JULY 19, 1938. Class 39.

360,848. ARTICLES OF WEARING APPAREL FOR MEN AND WOMEN—NAMELY, ROBES FOR PERSONAL WEAR, PAJAMAS, AND SHORTS. THE B. V. D. CORPORATION, Baltimore, Md.
Filed May 11, 1938. Serial No. 406,207. PUBLISHED JULY 12, 1938. Class 39.

360,849. LOCK SETS. LOCKWOOD HARDWARE MANUFACTURING CO., Fitchburg, Mass.
Filed May 11, 1938. Serial No. 406,222. PUBLISHED JULY 12, 1938. Class 25.

360,850. PIECE GOODS OF COTTON, LINEN, ARTIFICIAL AND NATURAL SILK GOODS, AND SYNTHETIC (RAYON AND ACETATE) TEXTILE FABRICS, PLAIN, COLORED, AND PRINTED. MARVLO MILLS, INC., New York, N. Y.
Filed May 11, 1938. Serial No. 406,223. PUBLISHED JULY 19, 1938. Class 42.

360,851. TOWELS. S. E. RAINS CO. INC., New York, N. Y.
Filed May 11, 1938. Serial No. 406,226. PUBLISHED JULY 19, 1938. Class 42.

360,852. WOMEN'S, MISSES', AND CHILDREN'S DRESSES, FROCKS, PAJAMAS, SMOCKS, APRONS, HOSTESS COATS. JOS. S. COHEN & SONS CO., INC., New York, N. Y.
Filed May 12, 1938. Serial No. 406,240. PUBLISHED JULY 12, 1938. Class 39.

360,853. PIECE GOODS MADE OF WOOL, WORSTED, SILK, COTTON, LINEN, OR RAYON, OR ANY COMBINATION THEREOF. S. AUGSTEIN & CO., College Point, N. Y.
Filed May 13, 1938. Serial No. 406,275. PUBLISHED JULY 19, 1938. Class 42.

360,854. GREASE, PARTICULARLY ADAPTED FOR USE IN SEALING REMOVABLE PARTS OF VACUUM APPARATUS. EASTMAN KODAK COMPANY, Jersey City, N. J. and Rochester, N. Y., assignor to Distillation Products, Inc., a corporation of Delaware.
Filed May 13, 1938. Serial No. 406,284. PUBLISHED JULY 19, 1938. Class 15.

360,855. CORE OIL TO BE MIXED WITH CORE SAND FOR FOUNDRY PURPOSES. E. F. HOUGHTON & Co., Philadelphia, Pa.
Filed May 13, 1938. Serial No. 406,291. PUBLISHED JULY 19, 1938. Class 5.

360,856. OFFSET PRINTS. OTTO F. KINTZEL, doing business as Kansas Blue Print Company, Wichita, Kans.
Filed May 13, 1938. Serial No. 406,295. PUBLISHED JULY 19, 1938. Class 38.

360,857. BOYS' AND GIRLS' COATS MADE OF RUBBERIZED WATERPROOF MATERIAL. UNITED STATES RUBBER PRODUCTS, INC., New York, N. Y.
Filed May 13, 1938. Serial No. 406,305. PUBLISHED JULY 12, 1938. Class 39.

360,858. ELECTRIC HAND LAMPS AND LANTERNS AND CASES THEREFOR. BURGESS BATTERY COMPANY, Freeport, Ill.
Filed May 14, 1938. Serial No. 406,328. PUBLISHED JULY 19, 1938. Class 21.

360,859. FLAT FINISH VARNISH. MOUND CITY PAINT AND COLOR COMPANY, St. Louis, Mo.
Filed May 14, 1938. Serial No. 406,346. PUBLISHED JULY 19, 1938. Class 16.

360,860. MOTOR EXHAUST VALVES. JADSON MOTOR PRODUCTS CO., Bell, Calif.
Filed May 16, 1938. Serial No. 406,364. PUBLISHED JULY 19, 1938. Class 23.

360,861. FRATERNITY BADGES, LAPEL BUTTONS; SCARF, LAPEL, AND BREAST PINS; CUFF LINKS, TIE CLASPS, CHARMS, FINGER RINGS, BELT BUCKLES, AND ORNAMENTAL SHIELDS, ALL OF PRECIOUS METAL. THE COUNCIL OF DELTA KAPPA EPSILON, New York, N. Y.
Filed May 16, 1938. Serial No. 406,374. PUBLISHED JULY 19, 1938. Class 28.

360,862. FROZEN CONFECTIONS. JOE LOWE CORPORATION, New York, N. Y.
Filed May 16, 1938. Serial No. 406,394. PUBLISHED JULY 19, 1938. Class 46.

360,863. FINGER RINGS. JOSEPH A. WOLF, Denver, Colo.
Filed May 16, 1938. Serial No. 406,408. PUBLISHED JULY 19, 1938. Class 28.

360,864. THERMOMETERS, THERMOSTATS, THERMO-REGULATORS, THERMO-HYDROMETERS, AND HYDROMETERS. ACCURACY SCIENTIFIC INSTRUMENT COMPANY, INC., Philadelphia, Pa.
Filed May 17, 1938. Serial No. 406,412. PUBLISHED JULY 19, 1938. Class 26.

360,865. MONTHLY MAGAZINE. THE ASSOCIATION FOR THE ADVANCEMENT OF CHIROPRACTIC, New York, N. Y.
Filed May 18, 1938. Serial No. 406,434. PUBLISHED JULY 19, 1938. Class 38.

360,866. MACHINES AND PARTS THEREOF FOR DISPENSING BEVERAGES. FREDERICK JOHN TREVALLON BARNES, London, England.
Filed May 18, 1938. Serial No. 406,438. PUBLISHED JULY 19, 1938. Class 23.

360,867. MONTHLY PUBLICATION. FRANK E. BECHMANN, Battle Creek, Mich.
Filed May 18, 1938. Serial No. 406,440. PUBLISHED JULY 19, 1938. Class 38.

360,868. MAGAZINE SECTION PUBLISHED AT IRREGULAR INTERVALS. MEREDITH PUBLISHING COMPANY, Des Moines, Iowa.
Filed May 18, 1938. Serial No. 406,461. PUBLISHED JULY 19, 1938. Class 38.

360,869. SILVER AND SILVER MOUNTED FLATWARE (IMPLEMENTS WITH A HANDLE OR FINGER HOLD FOR CULINARY, FEEDING, SERVING, OR PERSONAL USE), ETC. TOWLE MANUFACTURING COMPANY, Newburyport, Mass.
Filed May 18, 1938. Serial No. 406,474. PUBLISHED JULY 19, 1938. Class 28.

360,870. SILVER AND SILVER MOUNTED FLATWARE (IMPLEMENTS WITH A HANDLE OR FINGER HOLD FOR CULINARY, FEEDING, SERVING, OR PERSONAL USE), ETC. TOWLE MANUFACTURING COMPANY, Newburyport, Mass.
Filed May 18, 1938. Serial No. 406,475. PUBLISHED JULY 19, 1938. Class 28.

360,871. SILVER AND SILVER MOUNTED FLATWARE (IMPLEMENTS WITH A HANDLE OR FINGER HOLD FOR CULINARY, FEEDING, SERVING, OR PERSONAL USE), ETC. TOWLE MANUFACTURING COMPANY, Newburyport, Mass.
Filed May 18, 1938. Serial No. 406,477. PUBLISHED JULY 19, 1938. Class 28.

360,872. SILVER AND SILVER MOUNTED FLATWARE (IMPLEMENTS WITH A HANDLE OR FINGER HOLD FOR CULINARY, FEEDING, SERVING, OR PERSONAL USE), ETC. TOWLE MANUFACTURING COMPANY, Newburyport, Mass.
Filed May 18, 1938. Serial No. 406,478. PUBLISHED JULY 19, 1938. Class 28.

360,873. ALUMINUM LABORATORY APPLIANCE USED AS A STORAGE PLACE FOR CRUCIBLES WHERE THEY ARE ALLOWED TO ATTAIN ROOM TEMPERATURE IN THE ABSENCE OF MOISTURE. FISHER SCIENTIFIC COMPANY, Pittsburgh, Pa.
Filed May 20, 1938. Serial No. 406,550. PUBLISHED JULY 19, 1938. Class 26.

360,874. CAN OPENERS. THE TURNER & SEYMOUR MANUFACTURING COMPANY, Torrington, Conn.
Filed May 20, 1938. Serial No. 406,567. PUBLISHED JULY 19, 1938. Class 23.

360,875. MATTRESSES. CHITTENDEN & EASTMAN COMPANY, Burlington, Iowa.
Filed May 21, 1938. Serial No. 406,580. PUBLISHED JULY 19, 1938. Class 32.

360,876. COMMERCIAL FERTILIZER. JAMES METCALFE MURRAY, Garden City, N. Y.
Filed May 21, 1938. Serial No. 406,598. PUBLISHED JULY 12, 1938. Class 10.

360,877. WINDOW SHADES. THE AIRWAY SHADE CORPORATION, Miami, Fla.
Filed May 24, 1938. Serial No. 406,671. PUBLISHED JULY 19, 1938. Class 32.

360,878. VISIBLE SCORING BRIDGE TABLES. SHO-SCOR CORPORATION, Washington, D. C.
Filed May 24, 1938. Serial No. 406,695. PUBLISHED JULY 19, 1938. Class 32.

360,879. PAINTS (READY MIXED, PASTE FORM, AND DRY), PAINT ENAMELS, LACQUERS, JAPANS, VARNISHES, STAINS, PAINT FILLERS, WATER PAINTS, WHITE LEAD, DRY PAINT COLORS, AND PAINT PIGMENTS. THE SHERWIN-WILLIAMS CO., Cleveland, Ohio.
Filed May 25, 1938. Serial No. 406,733. PUBLISHED JULY 19, 1938. Class 16.

360,880. BAKING SODA FOR USE AS AN INGREDIENT IN THE PREPARATION OF FOODS. CHURCH & DWIGHT CO. INC., New York, N. Y.
Filed May 26, 1938. Serial No. 406,748. PUBLISHED JULY 19, 1938. Class 46.

360,881. BAKING SODA FOR USE AS AN INGREDIENT IN THE PREPARATION OF FOODS. CHURCH & DWIGHT CO. INC., New York, N. Y.
Filed May 26, 1938. Serial No. 406,749. PUBLISHED JULY 19, 1938. Class 46.

360,882. TUFTED BEDSPREADS, HAND-MADE AND MACHINE-MADE. KENNER, BROCKMAN & SCHLOSS, INC., Dalton, Ga.
Filed May 27, 1938. Serial No. 406,809. PUBLISHED JULY 19, 1938. Class 42.

360,883. CAT FOOD. RIVAL PACKING COMPANY, Chicago, Ill.
Filed May 27, 1938. Serial No. 406,828. PUBLISHED JULY 19, 1938. Class 46.

360,884. WHISKEY, GIN, RUM, BRANDY, AND ALCOHOLIC CORDIALS. WILLIAM SOLOMON, doing business as William Solomon & Co., Baltimore, Md.
Filed May 27, 1938. Serial No. 406,834. PUBLISHED JULY 19, 1938. Class 49.

360,885. TABLE, SHELF, STAIR, FLOOR, AND ENAMELED OILCLOTH. STANDARD COATED PRODUCTS CORPORATION, Buchanan, Cortlandt, N. Y.
Filed May 28, 1938. Serial No. 406,889. PUBLISHED JULY 12, 1938. Class 20.

360,886. COMMERCIAL FERTILIZERS OR PLANT FOOD, CONSISTING OF NITROGEN, LIME, AND MAGNESIUM. VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va.
Filed May 31, 1938. Serial No. 406,953. PUBLISHED JULY 12, 1938. Class 10.

360,887. CANDY. LOTTE EICHMANN, doing business as Conquest Products, New York, N. Y.
Filed June 1, 1938. Serial No. 406,965. PUBLISHED JULY 19, 1938. Class 46.

360,888. INFANTS', NURSERY, AND JUVENILE FURNITURE. STORKLINE FURNITURE CORPORATION, Chicago, Ill.
Filed June 4, 1938. Serial No. 407,114. PUBLISHED JULY 19, 1938. Class 32.

360,889. BABY CARRIAGES. STORKLINE FURNITURE CORPORATION, Chicago, Ill.
Filed June 4, 1938. Serial No. 407,115. PUBLISHED JULY 19, 1938. Class 19.

360,890. MATTRESSES. JOHN WANAMAKER PHILADELPHIA, Philadelphia, Pa.
Filed June 4, 1938. Serial No. 407,118. PUBLISHED JULY 19, 1938. Class 32.

360,891. GAME BOARD PLAYED WITH MOVABLE PIECES AND EDUCATIONAL CHARTS. AUTOBRIDGE, INC., New York, N. Y.
Filed June 6, 1938. Serial No. 407,121. PUBLISHED JULY 19, 1938. Class 22.

360,892. BEER. LOUIS ZIEGLER BREWING COMPANY, Beaver Dam, Wis.
Filed June 7, 1938. Serial No. 407,208. PUBLISHED JULY 19, 1938. Class 48.

360,893. BED SPRINGS. FOSTER BROTHERS MANUFACTURING COMPANY, INC., Baltimore, Md.
Filed June 8, 1938. Serial No. 407,218. PUBLISHED JULY 19, 1938. Class 32.

360,894. BOX SPRINGS, COUCHES, AND PILLOWS. R. C. HELLER CO., INC., Baltimore, Md.
Filed June 8, 1938. Serial No. 407,225. PUBLISHED JULY 19, 1938. Class 32.

360,895. WHISKEY. BROWN-FORMAN DISTILLERY COMPANY, Louisville, Ky.
Filed June 9, 1938. Serial No. 407,259. PUBLISHED JULY 26, 1938. Class 49.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

360,896. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HIGGINS & BURKE LIMITED, Toronto, Ontario, Canada. Filed June 22, 1936. Serial No. 380,057.

Mother Parker's

For Tea, Coffee, Cocoa, and Chocolate.
Claims use since Apr. 8, 1932.

360,897. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) ANNABELLE E. WARD, Denver, Colo. Filed Nov. 20, 1936. Serial No. 385,814.

SAFE METER TRADE-O-MARK

For Inclinometers.
Claims use since Oct. 30, 1936.

360,898. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) LUXOR STUDIOS, INC., New York, N. Y. Filed Dec. 17, 1936. Serial No. 386,865.

LUXOR

For Parchmentized and Oiled Paper Lamp Shades.
Claims use since 1930.

360,899. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE MAY DEPARTMENT STORES COMPANY, New York, N. Y.; Baltimore, Md.; Akron and Cleveland, Ohio; Denver, Colo.; Los Angeles, Calif.; and St. Louis, Mo. Filed Mar. 9, 1937. Serial No. 389,840.

May'd Best

For Floor Wax and Furniture Polish Having Incidental Properties of a Cleaner.
Claims use since February, 1937.

360,900. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MARTIN BROS. CO., Denver, Colo. Filed Apr. 16, 1937. Serial No. 391,425.

LADY WEST COFFEE

For Coffee.
Claims use since Oct. 1, 1936.

360,901. (CLASS 40. DISTILLED ALCOHOLIC LIQUORS.) THE HAMBURGER COMPANY, Chicago, Ill. Filed May 10, 1937. Serial No. 392,535.

Johnny Tarr

For Blended and Scotch Type Whiskies.
Claims use since Jan. 15, 1937.

360,902. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) B. VERNER & COMPANY, New York, N. Y. Filed June 1, 1937. Serial No. 393,514.

MULTIPRESS

For Printing Presses.
Claims use since October, 1935.

360,903. (CLASS 39. CLOTHING.) EARNSHAW KNITTING COMPANY, Newton, Mass. Filed July 23, 1937. Serial No. 395,566.

NO-FAS-NING Vanta

For Infants' and Children's Shirts and Vests.
Claims use since July 13, 1937.

360,904. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) GILLETTE SAFETY RAZOR COMPANY, Boston, Mass. Filed Aug. 4, 1937. Serial No. 395,988.

Жиллет

For Safety Razor Blades and Safety Razors.
Claims use since July 30, 1937.

360,905. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) THE MAY DEPARTMENT STORES COMPANY, New York, N. Y.; St. Louis, Mo.; Cleveland and Akron, Ohio; Los Angeles, Calif.; Baltimore, Md.; and Denver, Colo. Filed Aug. 11, 1937. Serial No. 396,274.

Serani ITALIA

For Piano Accordions.
Claims use since July 31, 1937.

360,906. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CRYSTAL SPRINGS PACKING CO., INC., Medford, Oreg. Filed Aug. 27, 1937. Serial No. 396,805.

Crystal Springs

For Fresh Pears.
Claims use since July 29, 1937.

360,907. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HUMANE HOG RING COMPANY, Winona Lake, Ind. Filed Nov. 15, 1937. Serial No. 399,764.

HUMANE HOG RING CO. TRADE MARK

For Nose Rings for Swine.
Claims use since May 1, 1934.

360,908. (CLASS 45. BEVERAGES, NONALCOHOLIC.) CARL H. SCHULTZ CORPORATION, Brooklyn, N. Y. Filed Dec. 4, 1937. Serial No. 400,473.

"COLA ALE"

For Nonalcoholic, Noncereal, Maltless Beverage Sold as a Soft Drink, and Sirup and Extract for Making the Same.
Claims use since Aug. 2, 1937.

360,909. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) ANGLO SOAP CORP., Brooklyn, N. Y. Filed Dec. 16, 1937. Serial No. 400,896.

CARMEL

For Kosher Soap and Steel Wool.
Claims use since July 10, 1937.

360,910. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) CHOPAK TEXTILE CO. INC., New York, N. Y. Filed Jan. 25, 1938. Serial No. 402,286.

LOCKWEAVE

For Plain and Printed Rayon and Acetate Cloth in the Piece.
Claims use since July 23, 1937.

360,911. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) J. ROSENHOLZ INC., New York, N. Y. Filed May 28, 1938. Serial No. 406,881.

MISS AMERICA PRINTS

For Piece-Goods Made Wholly or in Part of Acetate, Rayon, Spun Rayon, and Silk.
Claims use since Mar. 9, 1928.

360,912. (CLASS 32. FURNITURE AND UPHOLSTERY.) BROOKS BROTHERS UPHOLSTERY COMPANY, Providence, R. I. Filed June 1, 1938. Serial No. 406,957.

DOUBLE ACTION DOUBLE WEAR SPRINGS

For Mattresses and Bed Springs.
Claims use since Dec. 15, 1936.

360,913. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) GENERAL PAINT & VARNISH CO., doing business as Invader Paint and Varnish Co., Chicago, Ill. Filed June 2, 1938. Serial No. 407,018.

MADISON

For Ready-Mixed Paints, Varnishes, and Paint Enamels. Claims use since 1928.

360,914. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE PHARIS TIRE AND RUBBER COMPANY, Newark, Ohio. Filed July 12, 1938. Serial No. 408,434.

HEAT-PRUF

For Cotton Piece Goods Composed of Twisted Cords Woven into a Fabric for Use in the Manufacture of Pneumatic Vehicle Tires.
Claims use since June 1, 1937.

360,915. (CLASS 37. PAPER AND STATIONERY.) GAYLORD CONTAINER CORPORATION, St. Louis, Mo. Filed July 28, 1938. Serial No. 408,998.

Gaylord

For Wrapping Paper, Fiber Board, Butcher's Paper, and Liner Board in Rolls and Sheets.
Claims use since June, 1936.

360,916. (CLASS 32. FURNITURE AND UPHOLSTERY.) IRVING MAGARIL, New York, N. Y. Filed Aug. 5, 1938. Serial No. 409,275.

REPLAC A PART

For Mattresses, Pillows, Box Springs, Box Spring and Mattress Combinations, Cushions, Chaise Longues, Sofas, Love-Seats, Arm Chairs, Couches, Beds, Day-Beds, Living Room Suites.
Claims use since June, 1937.

360,917. (CLASS 32. FURNITURE AND UPHOLSTERY.) IRVING MAGARIL, New York, N. Y. Filed Aug. 5, 1938. Serial No. 409,276.

TAK A PART

For Mattresses, Pillows, Box Springs, Box Spring and Mattress Combinations, Cushions, Chaise Longues, Sofas, Love-Seats, Arm Chairs, Couches, Beds, Day-Beds, and Living Room Suites.
Claims use since June, 1937.

360,918. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) KRAUS BROS. & CO., INC., New York, N. Y. Filed Aug. 11, 1938. Serial No. 409,470.

Glengyle

For Whiskies, Gins, and Alcoholic Cordials.
Claims use since March, 1934.

LABELS

REGISTERED SEPTEMBER 27, 1938

51,845.—*Title:* ADA MILLING COMPANY FOOD PRODUCTS, (RED, YELLOW, AND BROWN FIELD FLOWERS, WITH GREEN FOLIAGE, ON A WHITE BACKGROUND). For Food Products. ADA MILLING COMPANY, Ada, Okla. Published August 1, 1938.

51,846.—*Title:* ADA MILLING COMPANY FOOD PRODUCTS, (FLORAL PATTERN: FLOWERS, WITH BUDS AND FOLIAGE, IN YELLOW, RED, BLUE, LAVENDER, GREEN, AND BLACK ON A WHITE BACKGROUND). For Food Products. ADA MILLING COMPANY, Ada, Okla. Published August 1, 1938.

51,847.—*Title:* ADA MILLING COMPANY FOOD PRODUCTS, (AUTUMN LEAVES IN BROWN, YELLOW, AND GREEN, ALSO FLOWERS AND BUDS OF GREEN, YELLOW AND RED, ON WHITE BACKGROUND). For Food Products. ADA MILLING COMPANY, Ada, Okla. Published August 1, 1938.

51,848.—*Title:* ADA MILLING COMPANY FOOD PRODUCTS, (MEXICAN PATTERN: CACTUS, SOMBREROS, POTTERY, MUSICAL INSTRUMENTS, PALM TREES, SHIPS AND WATER, ETC.). For Food Products. ADA MILLING COMPANY, Ada, Okla. Published August 1, 1938.

51,849.—*Title:* ADA MILLING COMPANY FOOD PRODUCTS, (FLORAL PATTERN: SMALL BUNCHES OF FLOWERS, SOME IN BLACK, OTHERS IN BLACK, GREEN, PURPLE, AND YELLOW. THE BACKGROUND IS WHITE). For Food Products. ADA MILLING COMPANY, Ada, Okla. Published July 15, 1938.

51,850.—*Title:* ADA MILLING COMPANY FOOD PRODUCTS, (FLORAL PATTERN: FIELD FLOWERS IN RED, GREEN, BLUE AND YELLOW, ALSO MUSHROOMS IN THE SAME COLORS, ETC.). For Food Products. ADA MILLING COMPANY, Ada, Okla. Published July 15, 1938.

51,851.—*Title:* ADA MILLING COMPANY FOOD PRODUCTS, (FIESTA PATTERN: FLOWERS AND FOLIAGE IN RED, YELLOW, GREEN, AND DARK BLUE. THESE ARE SO ARRANGED AS TO FORM A NOT TOO DEFINITE STRIPE. BACKGROUND, WHITE). For Food Products. ADA MILLING COMPANY, Ada, Okla. Published July 15, 1938.

51,852.—*Title:* ADA MILLING COMPANY FOOD PRODUCTS. (MEXICAN PATTERN: MEXICAN POTTERN, ADOBE HOUSES, DONKEY-DRAWN CARTS, LASSOS, SPURS, CACTUS, ETC.). For Food Products. ADA MILLING COMPANY, Ada, Okla. Published July 15, 1938.

51,853.—*Title:* ADA MILLING COMPANY FOOD PRODUCTS. (FLORAL PATTERN: LARGE RED FLOWERS WITH GREEN CENTERS, YELLOW FLOWERS WITH GREEN CENTERS, SMALLER BLUE, ETC.). For Food Products. ADA MILLING COMPANY, Ada, Okla. Published July 15, 1938.

51,854.—*Title:* ADA MILLING COMPANY FOOD PRODUCTS. (STRIPED PATTERN: LARGE "BORDER STRIPE" COMPLETE LENGTH OF ONE SIDE OF THE MATERIAL. THIS STRIPE, ETC.). For Food Products. ADA MILLING COMPANY, Ada, Okla. Published July 15, 1938.

51,855.—*Title:* ADA MILLING COMPANY FOOD PRODUCTS. (BORDERLIN PATTERN: A BORDER OF STRAIGHT LINES AND FLOWERS, DOWN EACH SIDE OF THE MATERIAL, ETC.). For Food Products. ADA MILLING COMPANY, Ada, Okla. Published July 15, 1938.

51,856.—*Title:* PEPSOGEN. For a Medicinal Preparation. GRIFFIN A. ALLEN, Boston, Mass. Published August 1, 1938.

51,857.—*Title:* AQUASEIN. For Interior Paint. ATLANTIC CALSOMINE CO., INC., Brooklyn, N. Y. Published May 18, 1938.

51,858.—*Title:* AUSTERNAL ALL PORCELAIN. For Porcelain Dentures. AUSTERNAL LABORATORIES, INC., New York, N. Y. Published July 8, 1938.

51,859.—*Title:* BON TON (BLUE DIAMOND). For Bread. BON TON BAKING COMPANY, Petoskey, Mich. Published July 5, 1938.

51,860.—*Title:* BON TON BOOSTER. For Bread. BON TON BAKING COMPANY, Petoskey, Mich. Published July 5, 1938.

51,861.—*Title:* BON TON (RED DIAMOND). For Bread. BON TON BAKING COMPANY, Petoskey, Mich. Published July 5, 1938.

51,862.—*Title:* OLD HOME. For Bread. BON TON BAKING COMPANY, Petoskey, Mich. Published July 5, 1938.

51,863.—*Title:* VIP VITALIZING SKIN CREAM. For Skin Cream. BEULAH L. BROWN, Council Bluffs, Iowa. Published January 24, 1938.

51,864.—*Title:* NUN'S PERMANENTLY MOTHPROOF. For Knitting Yarns. T. BUETTNER & CO. INC., Chicago, Ill. Published July 15, 1938.

51,865.—*Title:* RHEUMART. For Capsules Prepared Especially as an Aid in the Treatment of Rheumatism, Neuritis, Arthritis, and Kindred Ailments. H. F. CARROLL, Clayton, Mo. Published August 8, 1938.

51,866.—*Title:* CENTURY BONDED. For Straight Bourbon Whiskey. CENTURY DISTILLING COMPANY, Peoria, Ill. Published July 25, 1938.

51,867.—*Title:* CLEAR-I. For Drops for Granulated Eyelids, Weak Eyes, Inflamed Eyelids, and Common Sore Eyes. WILLIAM CHRISTENSEN, Oakland, Calif. Published June 1, 1938.

51,868.—*Title:* ANESTEX INJECTUBES CONTAINING PROCAINE-EPINEPHRINE. For Local Anesthetic. DAVID CURTIS, doing business as The De-Ce Products of New York (Anestex Laboratories), New York, N. Y. Published July 30, 1938.

51,869.—*Title:* NEW TRUBRIDGE ANTERIORS. For Artificial Teeth for Cast Bridgework and Partial Dentures. THE DENTISTS' SUPPLY COMPANY OF NEW YORK, New York, N. Y. Published July 1, 1938.

51,870.—*Title:* ESICO THERMOSTATIC CONTROL STAND. For Thermostatic Control Stands. ELECTRIC SOLDERING IRON CO. INC., Deep River, Conn. Published August 29, 1938.

51,871.—*Title:* THE ELASTIC HAIR HAT BAND. For Hat Bands. G. H. S. CORPORATION, New York, N. Y. Published August 19, 1938.

51,872.—*Title:* ELIXIR POLYENZYMES. For an Elixir. BENJAMIN GABOFF, doing business as Ralph Winton Company, Baltimore, Md. Published May 20, 1938.

51,873.—*Title:* POLYVITAMINS. For Capsules Containing Vitamins. BENJAMIN GABOFF, doing business as Ralph Winton Company, Baltimore, Md. Published May 20, 1938.

51,874.—*Title:* SPERRY PANCAKE AND WAFFLE FLOUR. For Pancake and Waffle Flour. GENERAL MILLS, INC., Minneapolis, Minn. Published August 25, 1938.

51,875.—*Title:* SPERRY WHEAT HEARTS. For Cereal Food. GENERAL MILLS, INC., Minneapolis, Minn. Published August 25, 1938.

51,876.—*Title:* GILBERT KASTER KIT. For Casting Outfits. THE A. C. GILBERT COMPANY, New Haven, Conn. Published May 5, 1938.

51,877.—*Title:* LONDON HANDKERCHIEFS. For Handkerchiefs. GLOBE NOVELTY HOUSE, New York, N. Y. Published February 1, 1938.

51,878.—*Title:* JOHNSON'S QUICK DRYING LINOLEUM VARNISH. For Quick Drying Linoleum Varnish. S. C. JOHNSON & SON, INC., Racine, Wis. Published March 8, 1938.

51,879.—*Title:* JOHNSON'S 76 VARNISH. For Varnish. S. C. JOHNSON & SON, INC., Racine, Wis. Published March 8, 1938.

51,880.—*Title:* JOHNSON'S TRAFFIC-COTE. For a Finish for Linoleum and Wood Floors. S. C. JOHNSON & SON, INC., Racine, Wis. Published April 26, 1938.

51,881.—*Title:* KASKAQUIN. For a Preparation for the Treatment of Colds. THE KASKAQUIN CO., Knoxville, Tenn. Published May 15, 1938.

51,882.—*Title:* CONTINENTAL. For Heaters. ROSE MERFISH, Houston, Tex. Published June 25, 1937.

51,883.—*Title:* THE COBWEB. For Silk Hosiery. NATIONAL SHOE STORES, INC., New York, N. Y. Published August 16, 1937.

51,884.—*Title:* DIC-A-DAILY. For a Cleanser and Water Softener. THE PATENT CEREALS COMPANY, Geneva, N. Y. Published July 14, 1938.

51,885.—*Title:* ICED COFFEE. For Coffee. THOMAS M. ROYAL & COMPANY, Philadelphia, Pa. Published February 1, 1938.

51,886.—*Title:* ICED COFFEE. For Coffee. THOMAS M. ROYAL & COMPANY, Philadelphia, Pa. Published February 1, 1938.

51,887.—*Title:* SALERNO BETTER COOKIES. For Cookies. SALERNO-MEGOWEN BISCUIT COMPANY, Chicago, Ill. Published August 12, 1938.

51,888.—*Title:* BEAUTY-NITE. For Mattresses. SILVER STAR BEDDING CO., Chicago, Ill. Published July 11, 1938.

51,889.—*Title:* CLEEN. For Waterless All-Purpose Cleaner. STANDARD INDUSTRIAL PRODUCTS, INC., Evansville, Ind. Published July 23, 1938.

51,890.—*Title:* MODE CREST FULL FASHIONED HOSIERY. For Full Fashioned Hosiery. NET B. SUDOCK, Philadelphia, Pa. Published March 1, 1938.

51,891.—*Title:* EAGLE CLAW HOOKS. For Snelled Hooks. WRIGHT & MCGILL CO., Denver, Colo. Published July 18, 1938.

PRINTS

REGISTERED SEPTEMBER 27, 1938

17,051.—*Title:* OUR DISTRICT MANAGER. For Porcelain Dental Products. THE DENTISTS' SUPPLY COMPANY OF NEW YORK, New York, N. Y. Published June 27, 1938.

17,052.—*Title:* OUR DISTRICT MANAGER. For Porcelain Dental Products. THE DENTISTS' SUPPLY COMPANY OF NEW YORK, New York, N. Y. Published June 27, 1938.

17,053.—*Title:* OUR DISTRICT MANAGER. For Porcelain Dental Products. THE DENTISTS' SUPPLY COMPANY OF NEW YORK, New York, N. Y. Published June 27, 1938.

17,054.—*Title:* ESICO SOLDERING IRONS. For Electric Soldering Irons. ELECTRIC SOLDERING IRON CO., INC., Deep River, Conn. Published June 3, 1938.

17,055.—*Title:* GENUINE KIDSKIN. For Genuine Kidskin. KIDSKIN GUILD, Philadelphia, Pa. Published April 1, 1938.

17,056.—*Title:* PARKE-DAVIS PROFESSIONAL PHARMACY WINDOW DISPLAYS. For Pharmaceutical and Biological Products. PARKE, DAVIS & COMPANY, Detroit, Mich. Published May 15, 1938.

17,057.—*Title:* PARKE-DAVIS VITAMIN PRODUCTS (COUNTER ARCH DISPLAY). For Vitamin Products. PARKE, DAVIS & COMPANY, Detroit, Mich. Published July 26, 1938.

17,058.—*Title:* PABST GOOD TASTE FOR 94 YEARS. AD. NO. 987. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published August 1, 1938.

17,059.—*Title:* PABST GOOD TASTE FOR 94 YEARS. AD. NO 1,025. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published August 1, 1938.

17,060.—*Title:* WORTH STOPPING FOR, AD. NO. 4,621. For Beer. PREMIER-PABST SALES CO., Peoria Heights, Ill. Published August 30, 1938.

17,061.—*Title:* ZIP TOP. For Chocolate Topping Mix. SAMUEL L. VITALE, doing business as Vital Products Company, Detroit, Mich. Published July 30, 1938.

17,062.—*Title:* ZIPPY. For Malted Milk Drink. SAMUEL L. VITALE, doing business as Vital Products Company, Detroit, Mich. Published July 30, 1938.

REISSUES

SEPTEMBER 27, 1938

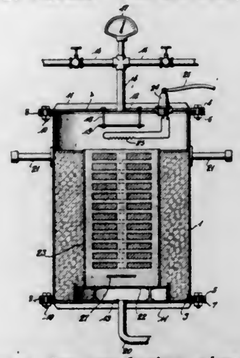
20,868

PREFORMED ABRASIVE ARTICLE AND PROCESS OF MAKING SAME

Edmund S. Merriam, Marietta, Ohio

Original No. 2,050,112, dated August 4, 1936, Serial No. 41,003, September 17, 1935. Application for reissue July 28, 1938, Serial No. 221,840

14 Claims. (Cl. 51—278)



2. A process for producing abrasive articles comprising mixing suitable abrasive grains with a vitrifiable bond and a combustible material sufficient in amount, when burned in situ, to generate adequate heat within the article to effect binding of said abrasive grains by said vitrifiable bond, forming the mixture into the desired shape, and igniting and burning said combustible material.

PATENTS

GRANTED SEPTEMBER 27, 1938

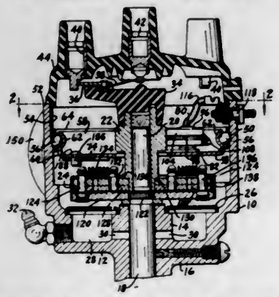
2,131,019

IGNITION TIMER

James L. Arthur and William Thompson, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application November 9, 1935, Serial No. 48,998

15 Claims. (Cl. 200—19)



1. In a timer having a housing including a bottom wall and a cup like cylindrical wall, a cam and driving shaft journaled for rotation in the bottom wall, the combination with said housing of a breaker plate having an upstanding flange, ball bearings supporting the flange of the breaker plate from the cylindrical wall of the cup, a circuit breaker mounted upon the breaker plate and having a rubbing block engaged by said cam and so located with respect to the bearings that the central point of engagement between the cam and rubbing block is substantially coincident with the plane of the bearings, and means for rotating the breaker plate.

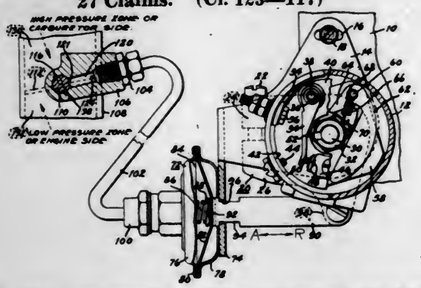
2,131,020

VACUUM CONTROL OF SPARK ADVANCE

James L. Arthur, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application February 24, 1936, Serial No. 65,358

27 Claims. (Cl. 123—117)



1. The combination with an internal combustion engine having a throttle, and an ignition timer for said engine, of means controlled by the suction of said engine for adjusting the timer, and means including a throttle actuated valve rendering the suction controlled means non-responsive to suction potential while the throttle is positioned at the high speed end of the engine speed range.

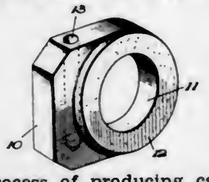
2,131,021

CARBONIZED PRODUCT AND MANUFACTURE THEREOF

Arthur S. Bemis, St. Marys, Pa., assignor to Speer Carbon Company, St. Marys, Pa., a corporation of Pennsylvania

Application June 5, 1936, Serial No. 83,816

7 Claims. (Cl. 106—7.6)



1. The process of producing carbon material suitable for bearings, shaft packings, brushes and the like, which comprises baking an intimate mixture comprising finely divided carbon, a metal oxide and sulphur with a bituminous binder at carbonizing temperature not substantially exceeding 1000° C. until carbonization is substantially complete and metal is reduced from the oxide.

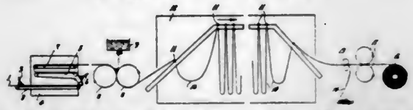
2,131,022

PROCESS OF MANUFACTURING ARTIFICIAL COMPOSITIONS

Steven Jan Blaupot ten Cate, Kootwijk, Netherlands

Application May 16, 1934, Serial No. 726,001. Renewed January 8, 1937. In Germany May 20, 1933

4 Claims. (Cl. 91—68)



1. A process of manufacturing artificial leather containing 38% to 60% of rubber by impregnating a loosely coherent fiber fleece with a rubber dispersion, comprising treating the surface of the fiber fleece prior to impregnation with a small amount of an adhesive so as to make the fibers of the surface stick together without substantially reducing the permeability of the surface for the impregnating agent, and subsequently impregnating the material in a plurality of impregnation steps by passing the same between low pressure cylinders between which a body of rubber dispersion is maintained, drying and calendering the material after each impregnation step and vulcanizing the rubber.

2,131,023

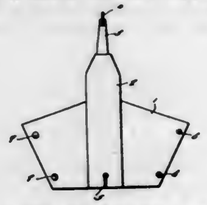
COVER FOR NECKTIE KNOTS

Eraste J. Champagne, Franklin, La.

Application April 23, 1938, Serial No. 203,918

1 Claim. (Cl. 2—153)

A cover for the knot of a necktie consisting of a cover part for passing around the knot, detachable fastening means connecting the side edges of said part together at the rear of the knot, a strip connected with the central part of the cover part and having an upwardly extending portion, a piece of elastic connected with the upper end of said portion, a hook on the upper end of the



elastic, a hook on the lower end of the strip, said hooks engaging portions of the knot.

2,131,024

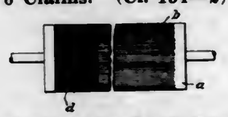
MANUFACTURE OF FABRIC FROM SPUN GLASS

Hans Friedrich Carl Cordts, Volksdorf, near Hamburg, Germany, assignor to Thuringische Glaswollindustrie vorm. S. Koch Gesellschaft mit beschränkter Haftung, Hamburg, Germany

Application October 16, 1935, Serial No. 45,367

In Germany November 16, 1934

6 Claims. (Cl. 154—2)



3. A method of making fabric from spun glass, consisting in winding a continuous spun glass filament onto a drum in such a manner that the convolutions lie close together and are in exactly relative parallel position and form a layer of single filament thickness, connecting the filament convolutions together by an adhesive and cutting the formed glass web along a generating line of the drum.

5. A product consisting of two superposed layers of glass filaments, all of the filaments of each layer being laid side by side in parallel relation in single thickness, the filaments of one layer intersecting the filaments of the other layer and an adhesive holding together the adjacent parallel filaments of each layer and the two layers.

2,131,025

AUTOMATIC ROTARY VALVE

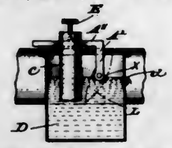
Pierre François Danel, Grenoble, France, assignor to Ateliers Neyret-Beylier & Piccard-Pictet, a corporation of France

Application May 7, 1936, Serial No. 78,515

In France September 30, 1933

9 Claims. (Cl. 137—68)

(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)



1. Valve mechanism for a hydraulic conduit, comprising a disc pivoted in the conduit about a median axis and tending to be closed by the moment of the hydraulic pressure on said valve, a constant level tank adjacent the hydraulic conduit, a float with a variable degree of immersion in said tank, a lever connecting said float to said axis, the hydraulic torque of the disc on said axis being balanced by said float at each angular setting, the float being connected to the lever and shaped to obtain a constant flow through the valve.

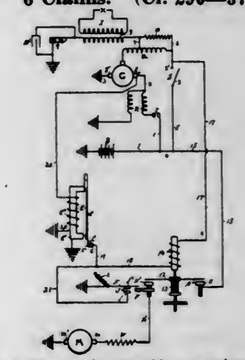
2,131,026

IGNITION AND STARTING SYSTEM FOR AUTOMOBILES

Albert E. Doman, Syracuse, N. Y., assignor, by mesne assignments, to Eclipse Machine Company, Elmira Heights, N. Y., a corporation of New York

Application November 30, 1931, Serial No. 578,029

6 Claims. (Cl. 290—37)



4. In an automatic starting system for internal combustion engines, a starting circuit including a magnetic starting switch, a control circuit for said starting switch including two sets of contacts in parallel, one set being normally closed and the other set normally open, an electro-magnet in the starting circuit energized by the cranking current to close the second set of contacts, means actuated by rotation of the engine for opening the first set of contacts, and means for overcoming the force of said electro-magnet and opening the second set of contacts when the engine starts.

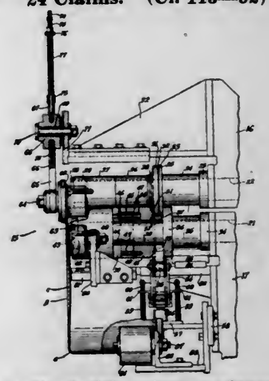
2,131,027

METHOD AND APPARATUS FOR WORKING SHEET METAL ARTICLES

John W. French, Warren, and John O. E. Carlson, Youngstown, Ohio, assignors, by mesne assignments, to Mullins Manufacturing Corporation, Salem, Ohio, a corporation of New York

Application January 22, 1937, Serial No. 121,860

24 Claims. (Cl. 113—52)



1. The method of forming a reduced neck at an end of a cylindrical sheet metal article which in-

cludes the steps of forming a flange at an end of such article, holding the article in alignment between roller dies one of which is axially yieldable, and roller working metal in and adjacent to said flange by rotating the dies and moving the axes thereof relatively toward one another to cause said axially yieldable die to yield while pinching and holding the metal under pressure between the dies where the working is being performed; which roller working between yielding dies simultaneously increases the cross sectional length of the metal, and reduces the diameter of the article in and adjacent to the flange to form the desired reduced neck shape.

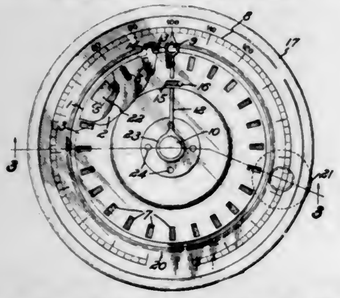
16. Apparatus for cold working a sheet metal article having a flange at one end thereof including a plurality of roller dies, means for rotating the dies, a groove in one of said dies for holding said flange in a fixed plane during working, means for moving the axes of the roller dies toward and away from one another, and yielding means mounting one of the roller dies for axial movement from the pressure of another roller die.

2,131,028

PHOTOELECTRIC CONTROL SYSTEM

Charles D. Goodsell, Hillside, N. J., assignor to Weston Electrical Instrument Corporation, Newark, N. J., a corporation of New Jersey

Application April 9, 1937, Serial No. 136,030
8 Claims. (Cl. 250—41.5)



1. A control system comprising a source of light, photoelectric means, and means for controlling the passage of light from said source to said photoelectric means; said controlling means comprising a relatively stationary member having a plurality of apertures therethrough, a pair of apertured members each having a plurality of similarly located apertures therethrough, means for displacing one member of said pair, means tending to retain said pair of members in predetermined relation during displacement of said one member thereof, and means for arresting movement of the other member of said pair when it reaches a predetermined position, whereby further displacement of said one member of the pair results in relative movement of the members of said pair.

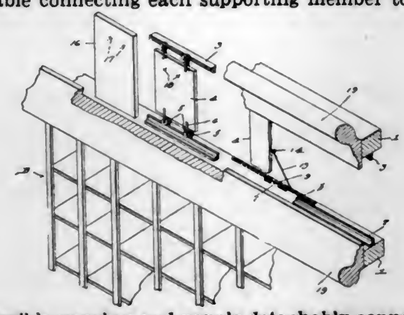
2,131,029

MOTIONAL ADVERTISING DISPLAY DEVICE

Virginius M. Green and Charles E. Gurtler, Richmond, Va.

Application June 7, 1938, Serial No. 212,358
3 Claims. (Cl. 40—97)

1. In a device of the class described, an endless track including upper and lower rails, an endless flexible member, means for supporting the flexible member adjacent one of the rails and at one side thereof, means for imparting motion to the flexible member, a plurality of plate-like supporting members, rollers at the upper and lower ends of each supporting member engaging the rails, a cable connecting each supporting member to the



flexible member and panels detachably connected with the supporting members and adapted to support advertising matter or merchandise on their front faces.

2,131,030

ETHERS FROM REACTIVE ACID LIQUOR

Francis M. Archibald, Elizabeth, and Helmuth G. Schneider, Roselle, N. J., assignors to Standard Alcohol Company

No Drawing. Application June 6, 1936, Serial No. 83,896
17 Claims. (Cl. 260—151)

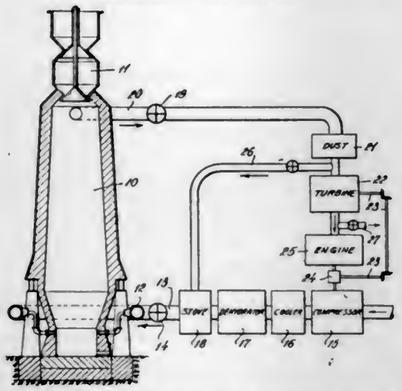
17. A process for the utilization of unsaturated hydrocarbons in the manufacture of ethers, which comprises absorbing the unsaturated hydrocarbons in a concentrated mineral acid to form reactive acid liquor, reducing the effective concentration of the acid to between 30% and 65% by the addition of alcohol, reacting the mixture of reactive acid liquor and alcohol at an elevated temperature and under the pressure developed by the reaction until substantial equilibrium is reached, removing the alcohol and ether from the acid and fractionating the alcohol and ether.

2,131,031

METHOD OF OPERATING BLAST FURNACES

Julian M. Avery, Greenwich, Conn., assignor to Arthur D. Little, Inc., Cambridge, Mass., a corporation of Massachusetts

Application June 12, 1936, Serial No. 84,797
15 Claims. (Cl. 75—41)



1. The method of operating a sealed blast furnace, which comprises supplying the blast feed

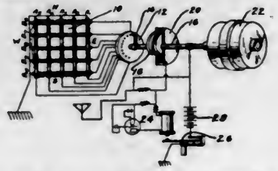
gas at superatmospheric pressure, and throttling the gas discharge from the furnace to maintain an average static internal pressure of between about two and seven atmospheres gauge.

2,131,032

POSITION INDICATOR

Constantin D. Barbulesco, Dayton, Ohio

Application December 21, 1931, Serial No. 582,363
5 Claims. (Cl. 250—11)
(Granted under the act of March 3, 1883, as amended April 30, 1928, 370 O. G. 757)



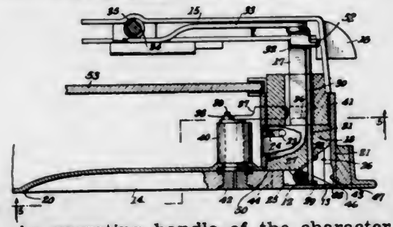
2. In a radio apparatus to be used on a moving craft, the combination with a receiving circuit, means for periodically and continuously tuning said circuit to a plurality of varied frequencies, of a device including a plurality of indicators disposed in substantially normal relation one to another and corresponding in number to said frequencies, and a means operated in synchronism with the tuning of said circuit for selectively electrically connecting said indicators with the output of said circuit.

2,131,033

DOOR LOCK

John W. Barrington, Baldwin, and Milton White, Brooklyn, N. Y., assignors of ten percent to Joseph P. Canfield, Brooklyn, N. Y., ten percent to Philip S. McLean, Bloomfield, N. J., forty percent to said Barrington, and forty percent to said White

Application July 18, 1936, Serial No. 91,290
15 Claims. (Cl. 70—208)



3. An operating handle of the character disclosed, comprising in combination with a rotary bolt-retracting spindle, a handle pivoted transversely on said spindle and having a push lever extension for swinging the handle on its pivot, a slide operable by said push lever extension, and lock means for blocking said slide.

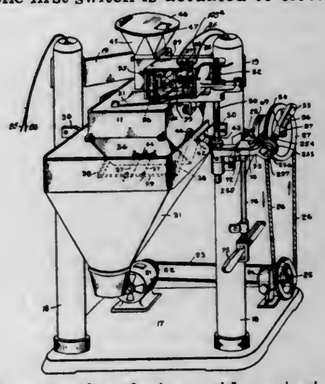
2,131,034

AUTOMATIC WEIGHING SCALE

William J. Beck, Yonkers, N. Y.

Application February 28, 1930, Serial No. 432,077
Renewed July 5, 1935
12 Claims. (Cl. 249—42)

1. In a weighing machine, a scale beam having a scale-pan associated therewith, a feeding hopper adapted to feed material into said scale pan, a control gate for the outlet of said feeding device, a first switch controlled by said scale-beam, an electro-magnetic relay device adapted to control the position of said control gate, said first switch controlling the circuit of said relay device, and a master switch comprising a contact member and a movable member, said master switch being controlled by said relay device and adapted to open the circuit of said relay device when the first switch is actuated to close the cir-



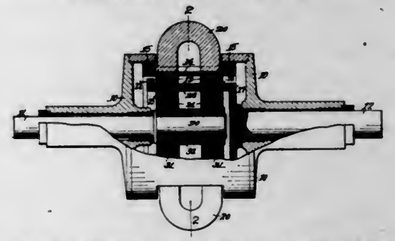
cuit of said relay device, said contact member including a plurality of contact elements connected to said circuit in electrical parallel, one of which contact elements will always first open before the other contact element, when the circuit of said relay device is opened.

2,131,035

MAGNETIC SPEED CHANGER

John T. Beechlyn, Worcester, Mass., assignor of one-half to O. S. Walker Co. Inc., Worcester, Mass., a corporation of Massachusetts

Application December 24, 1935, Serial No. 56,040
7 Claims. (Cl. 172—284)



1. In a magnetic hetropolar speed changing device, the combination of a stator body divided magnetically into two sectors, having inwardly extending projections disposed circumferentially over the two sectors and matching a uniform angular division of the entire circumference, a rotatable member having an annular series of uniformly spaced flux conductors adapted to cooperate with the stator projections, the space between each two adjacent flux conductors differing from that of the stator projections, a second rotatable member having salient poles adapted to cooperate with the magnetic nodes produced by interaction of the stator projections and the flux conductors, and means for causing an activating flux to traverse the three members with the two stator sectors at opposite polarity.

2,131,036

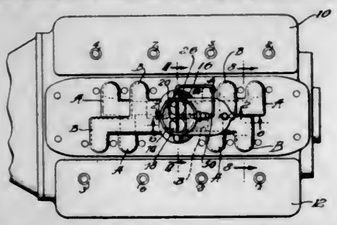
FUEL FEEDING SYSTEM

Robert F. Bracke, Chicago, Ill.

Application March 21, 1935, Serial No. 12,156
13 Claims. (Cl. 123—198)

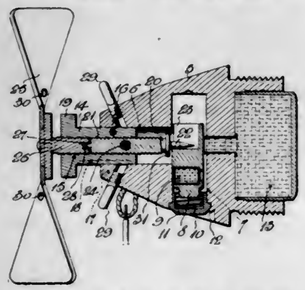
1. In a fuel-feeding system for an internal combustion engine having a given number of

cylinders, the combination of an intake manifold for supplying a combustible mixture to all of said cylinders, a carburetor for creating said mixture, said carburetor communicating with said manifold, a valve located in said manifold to maintain a predetermined degree of suction in a part of said manifold supplying less than the



total number of said cylinders, said valve restricting the flow of combustible mixture to the cylinders supplied by said part of the manifold, the cylinders so restricted alternating in order of firing with the cylinders not so restricted, and suction-operated fuel-supply means communicating with said part of the manifold.

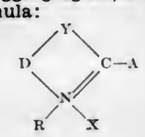
2,131,037
BOMB NOSE FUSE
Harold M. Brayton, Westfield, N. J.
Application October 11, 1937, Serial No. 168,490
5 Claims. (Cl. 102—39)



1. In a bomb nose fuse having detonator carrying means and means for moving said detonator carrying means to armed position; a firing pin active when in a rearward position to hold said detonator carrying means in safety position and active to fire the detonator when driven rearwardly by impact from a forward armed position, said firing pin having direct threaded engagement with another portion of the fuse, and a propeller connected with the front end of said firing pin for rotating the same in a direction to cause forward threading of said firing pin to said armed position, in which it releases said detonator carrying means.

2,131,038
PHOTOGRAPHIC EMULSION CONTAINING ALKYL QUATERNARY SALTS OF THIAZOLES AND THE LIKE AS ANTIFOGGANTS
Leslie G. S. Brooker and Cyril J. Staud, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
No Drawing. Application May 18, 1933, Serial No. 671,719. Renewed October 14, 1936. In Great Britain May 26, 1932
13 Claims. (Cl. 95—7)

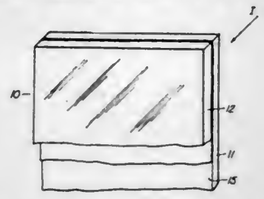
1. A gelatino-silver-halide emulsion containing, as an antifogging agent, a compound having the general formula:



in which

Y=an atom selected from the group consisting of oxygen, sulfur and selenium,
A=a member selected from the group consisting of hydrogen, alkyl groups and hydrocarbon groups of the benzene series,
D=an organic group selected from the group consisting of vinylene, ethylene, phenylene and naphthylene groups,
R=an alkyl group,
X=an acid radical.

2,131,039
FINE GRAIN TRANSLUCENT SCREEN
Rupert H. Draeger, United States Navy
Application June 9, 1936, Serial No. 84,298
10 Claims. (Cl. 88—24)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A fine grain translucent screen comprising a transparent member having one face thereof finely ground and a thin, light-transmittable metallic deposit on the finely ground surface such deposit conforming to the irregularities of said face, and a transparent protective member overlying the deposit.

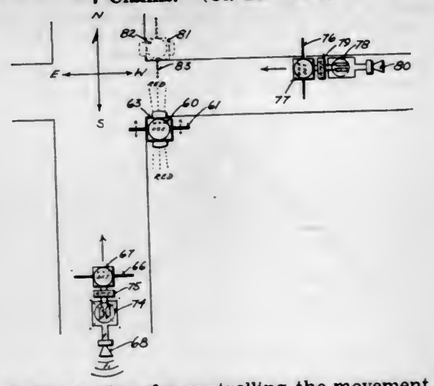
2,131,040
FIBER TREATMENT AND PRODUCT
Joseph L. Goodale, Ipswich, Mass.
No Drawing. Application May 11, 1937, Serial No. 142,070
10 Claims. (Cl. 21—26)

1. A process for the treatment of bast or structural fibers which comprises treating the fibers with an acid which in normal solution ionizes less than 10% and with a copper salt corresponding to the acid used, then treating the fiber with a soluble sulfide.

2,131,041
NONEXPLOSIVE PYROTECHNIC COMPOSITION
George C. Hale, Dover, N. J.
No Drawing. Application April 10, 1936, Serial No. 73,768
1 Claim. (Cl. 52—24)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

A pyrotechnic composition including a metallic oxidizing agent selected from the class consisting of chromates and oxides, a metallic fuel adapted to react with the oxidizing agent to form a solid, and a gas-forming and light-intensifying alkali or alkaline earth compound selected from the class consisting of nitrates, and resinates, in an amount less than twenty-five per cent of the whole.

2,131,042
RADIO TRAFFIC CONTROL SYSTEM
William S. Halstead, New York, N. Y.
Application September 28, 1935, Serial No. 42,703
7 Claims. (Cl. 177—337)



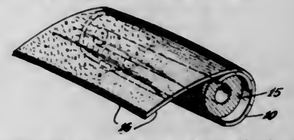
1. In a system for controlling the movement of vehicular traffic, a traffic control device having a plurality of distinctively colored traffic signal lights disposed so as to effect control of traffic in a particular lane, an ultra high frequency radio transmitter for effecting directional spacial transmission of an emitted radio wave along said lane, a control signal generator for modulating said radio wave by a signal having a frequency F1 when one of said distinctively colored traffic signal lights of said traffic control device is in operation and by a signal having a frequency F2 when another of said distinctively colored traffic signal lights of said traffic control device is in operation, a switch to select for actuation one or the other of said traffic signal lights and simultaneously to select the frequency of said control signal associated with said traffic signal light, and an ultra high frequency radio receiver disposed on a vehicle proceeding in said lane, said receiver having attached thereto correspondingly colored signal lights controlled by frequency discriminating devices connected so as to effect actuation of either of said lights dependent on the particular frequency of the signal modulating said radio wave.

2,131,043
PROCESS OF MAKING BUILDING ELEMENTS AND THE LIKE
Norman P. Harshberger, Scarsdale, and Sidney A. Ochs, New York, N. Y., assignors to Bakelite Building Products Co., Inc., New York, N. Y., a corporation of Delaware
Original application June 12, 1933, Serial No. 675,455. Divided and this application May 13, 1936, Serial No. 79,426
9 Claims. (Cl. 18—48)



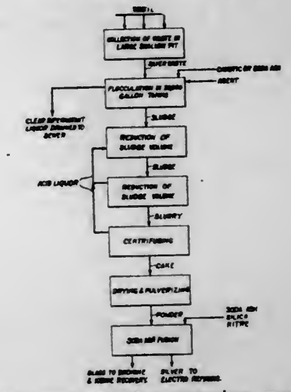
A method of making spring type shingle elements, comprising providing a flexible base, adhesively securing mineral particles to a side of the base, applying a liquid solution comprising a starch to the side opposite the mineral surfacing, forming the base to have a bow-shaped section and setting the starch to temporarily maintain the shape of the element, applying a hydraulic cement coating to the mineral particles and permitting said coating to harden.

2,131,044
METHOD OF MAKING BUILDING MATERIAL
Norman P. Harshberger, Scarsdale, and Sidney A. Ochs, New York, N. Y., assignors to Bakelite Building Products Co., Inc., New York, N. Y., a corporation of Delaware
Original application June 12, 1933, Serial No. 675,454. Divided and this application May 13, 1936, Serial No. 79,427
9 Claims. (Cl. 18—48)



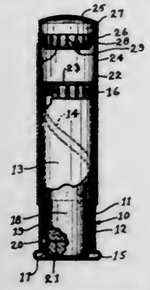
1. A method of making shaped sheet material having spring bow characteristics comprising providing a base of flexible material, applying to said base a layer of hardenable coating composition to provide spring characteristics for the material, forming said base into tubular shape with the coated side upon the outer side of the base as thus formed, curing the coated material to a hardened state and dividing the coated base into units, each of said units having a bowed section normally retained by the hardened coating and having spring characteristics when stressed to reduce the bowed section.

2,131,045
SILVER RECOVERY
Kenneth C. D. Hickman, John R. Turner, and Walter J. Weyerts, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application April 9, 1937, Serial No. 135,952
11 Claims. (Cl. 75—83)



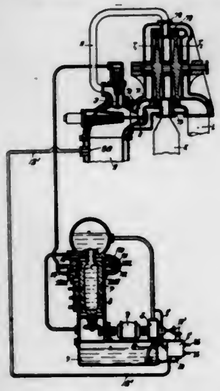
1. The process of recovering precious metal from materials containing the metal in small quantities, which comprises obtaining solutions containing small quantities of precious metals, treating said solutions with sulphate agent which causes the deposition of a sludge containing the metals, subjecting the sludge to treatment with sulphuric acid, whereby the sludge volume is reduced, and treating the sludge to recover metal therefrom.

2,131,046
LIPSTICK CONTAINER
Allan C. Hoffman, Millidale, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application December 22, 1936, Serial No. 117,137
16 Claims. (Cl. 206—56)



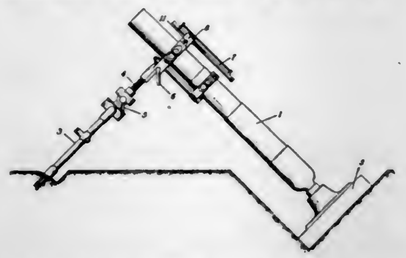
1. In a holder for cosmetics and the like, an outer casing, a sleeve rotatable in said casing, a cup for carrying a cosmetic stick, cooperative means in said casing for advancing and retracting said cup coincident with the rotation of said sleeve relative to said casing, a closure cap telescoping over substantially the entire length of said casing, an insert shell fitted into the upper end of said cap, the upper end of said rotatable sleeve having projections formed out of the normal plane thereof, and cooperative means on said insert shell having interlocking engagement with said projections when said cover is in assembled position, whereby said sleeve is locked against rotation.

2,131,047
METHOD AND APPARATUS FOR CONTROLLING THE IGNITION IN EXPLOSION CHAMBERS
Hans Holzwarth, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif., a corporation of Delaware
Application April 21, 1934, Serial No. 721,705
In Germany April 24, 1933
28 Claims. (Cl. 60—41)



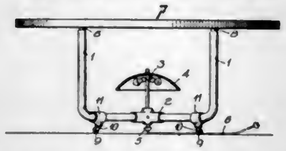
1. The method of producing mixed ignitions in an explosion chamber provided with an externally controlled igniter, which comprises introducing air and fuel into the chamber, and controlling the rate of temperature rise in the combustible mixture in the chamber prior to ignition to cause the thermo-ignition to occur in such time relation to the externally controlled ignition instant that one of the ignitions occurs during the course of the explosion initiated by the other ignition.

2,131,048
MUZZLE LOADING MINIATURE MORTAR
Merriel Dale Keyser, Edgewood Arsenal, Md.
Application April 16, 1937, Serial No. 137,277
6 Claims. (Cl. 124—17)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A miniature weapon comprising a barrel, a plunger therein, a sear on said plunger normally held projected forward of the plunger, a latch on said plunger adapted to engage the barrel and hold the plunger retracted, and resilient means for driving the plunger forward, said sear being movable by impact of a projectile dropped into the barrel to thereby release said latch.

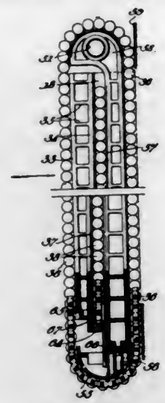
2,131,049
LAMP AND TABLE CONSTRUCTION
Frederick Kiesler, New York, N. Y.
Application February 6, 1936, Serial No. 62,593
12 Claims. (Cl. 311—2)



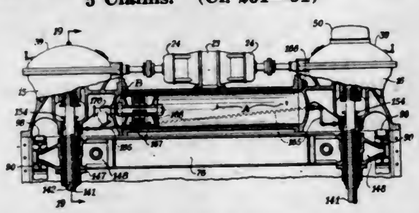
1. The combination with a table consisting of a light pervious top plate and means for supporting said plate above the floor, of a lamp attached to said table and disposed underneath said top plate, and means associated with said lamp to direct the light emanating therefrom towards the floor, whereby a new illuminating effect is produced, in indirect room lighting, due to floor reflection.

2,131,050
RECIPROCATING GATE VALVE
Phillip A. Kinzie, Denver, Colo., assignor to Universal Hydraulic Corporation, Denver, Colo., a corporation of Colorado
Application February 8, 1933, Serial No. 655,803
Renewed October 22, 1937
16 Claims. (Cl. 251—56)

14. In a gate valve, a gate housing with a fluid passageway therethrough, a gate member within the housing movable transversely of the passageway, gate member operating means including inclined plane means moving the gate member axially of the passage for seating and unseating the gate member, and means counteracting any tendency of the gate to move upwardly on the inclined plane means due to pressure on the gate member.



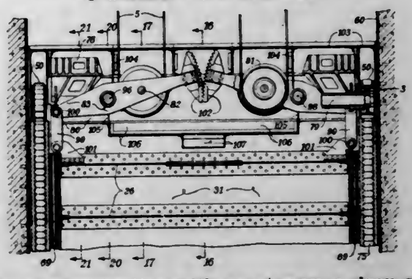
2,131,051
INTERNAL STEM OPERATED TRACTOR GATE
Phillip A. Kinzie, Bernard A. Halliday, and Warren H. Kohler, Denver, Colo., assignors to Universal Hydraulic Corporation, Denver, Colo., a corporation of Colorado
Application December 28, 1935, Serial No. 56,418
5 Claims. (Cl. 251—51)



2. In a gate valve, a gate housing with a fluid passageway therethrough, a gate member within the housing movable transversely of the passageway, gate member operating means including at least one threaded non-rising stem engaging a cooperating element on the gate member, inclined plane means moving the gate member axially of the passage for seating and unseating the gate member, and means counteracting any tendency of the gate to move upwardly on the inclined plane means due to pressure on the gate member.

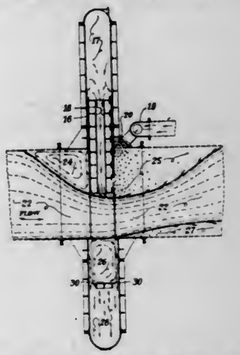
5. A reciprocating valve comprising a housing with a passageway for the flow of fluid therethrough, a gate member movable transversely of said passageway for opening and closing the same, operating means for said gate member including a threaded element and a plurality of telescoping tubular elements enclosing said threaded element and providing a lubricant-retaining chamber surrounding said threaded element, said tubular elements being connected respectively to said housing and said gate member, and means preventing leakage of line fluid into said chamber including means controlled by fluid flowing through the passageway for maintaining a pressure on the lubricant in said chamber at least equal to the line pressure.

2,131,052
CABLE OPERATED TRACTOR GATE
Phillip A. Kinzie, John L. Savage, and Warren H. Kohler, Denver, Colo., assignors to Universal Hydraulic Corporation, Denver, Colo., a corporation of Colorado
Application December 28, 1935, Serial No. 56,419
8 Claims. (Cl. 251—56)



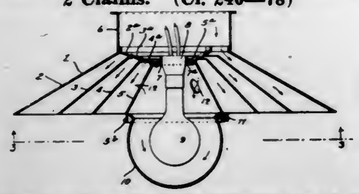
1. In combination with a gateway, a drop gate member seating therein, cooperating inclined plane means for moving the gate member from a seated position while under pressure in advance of opening movement, cable means initiating the movement along the inclined plane means from the seated position and for accomplishing opening and closing travel of the gate member, and means resisting forces tending to move the gate upwardly on the inclined plane means as pressure builds up on one side thereof.

2,131,053
GATE VALVE
Phillip A. Kinzie and Warren H. Kohler, Denver, Colo., assignors to Universal Hydraulic Corporation, Denver, Colo., a corporation of Colorado
Application October 10, 1936, Serial No. 105,077
8 Claims. (Cl. 251—51)



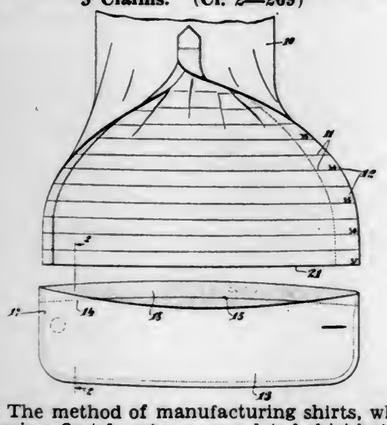
1. In combination, a fluid-tight gate housing having a passageway therethrough, a gate leaf movable transversely of said passageway to open and close the same, means limiting the flow of fluid into the upper end of said housing and means affording free communication between said upper end and the downstream side of said gate leaf at the upper side of the stream of fluid flow through said passageway, said last mentioned means including a fluid flow area through said gate leaf and connecting the upper end of the housing with said passageway whereby vertically directed fluid pressure reactions on said leaf are substantially equalized to minimize the effort required to move said leaf.

2,131,054
COMBINED VENTILATING AND ILLUMINATING DEVICE
Franz J. Kurth, London, England, assignor to Anemostat Corporation of America, a corporation of Delaware
Application March 21, 1935, Serial No. 12,194
2 Claims. (Cl. 240—78)



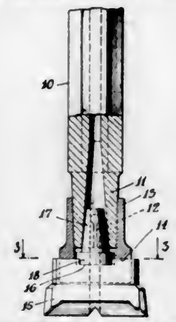
1. In a combined air distributing and illuminating device, the combination with a plurality of successively larger, mutually spaced hollow flaring members providing between them a plurality of flaring annular passageways, of an electric lamp disposed within the device and separated from said passageways by the wall of one of said members, the innermost member having a flange at the top and a depending flange at the lower rim, a lamp socket supported by the top flange, and a globe supported by the depending flange, said wall having apertures therein of such size and in such relationship to said lamp that fresh outside air flowing in said passageway through said apertures is compelled to flow in continual contact with said lamp so as to absorb its heat.

2,131,055
SHIRT
Ralph E. Ladue, Bronxville, N. Y., assignor, by direct and mesne assignments, to Mardel Corporation, Wilmington, Del., a corporation of Delaware
Application April 8, 1937, Serial No. 135,636
5 Claims. (Cl. 2—269)



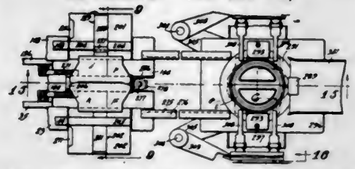
1. The method of manufacturing shirts, which comprises first forming a completed shirt but devoid of cuffs and having the sleeves thereof permanently attached at the shoulder end to the body of the shirt and formed of a predetermined length adequate to meet the standard sleeve length requirements of the trade, separately forming completed cuffs of a predetermined width for the sleeves, subsequently trimming the sleeves at the cuff end at a point measured from a predetermined point on the shirt body and corresponding to the finished sleeve length less the effective width of the cuffs, and then permanently attaching the preformed cuffs to the ends of the sleeves so trimmed to produce a shirt having sleeves of predetermined over-all length.

2,131,056
DRILL
John Herman Lind, Santa Barbara, Mexico, assignor to American Smelting and Refining Company, New York, N. Y., a corporation of New Jersey
Application March 25, 1936, Serial No. 70,747
4 Claims. (Cl. 255—64)



1. The combination with a drill rod having an internally tapered end, of a recessed cutting portion interlocking a collar portion, said cutting and collar portions being frictionally secured to said drill rod by a tapered plug, the head of said plug engaging the recess of the cutting portion and the tapered portion of said plug engaging the internally tapered end of said drill rod.

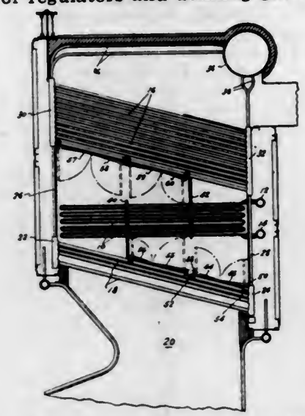
2,131,057
METHOD AND APPARATUS FOR MAKING CAN COVERS
John L. Lewis, Hamilton, Ontario, Canada, assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application July 3, 1934, Serial No. 733,666
13 Claims. (Cl. 113—1)



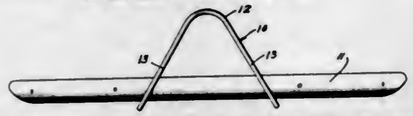
1. The method of making multi-part substantially flat can ends which comprises preparing a marginal edge of each of a plurality of sheet material blank sections for a bending operation, bending said marginal edges at an angle to the surface of each blank section and in opposite directions for interlocking engagement, bringing said blank sections together, interlocking said bent marginal edges, permanently uniting said edges to form a single composite blank having radial joints of four thicknesses of sheet metal to strengthen the blank against bending, and cutting out and forming a can end from said blank.

2,131,058
METHOD AND APPARATUS FOR CONTROL OF SUPERHEAT BY GAS MASS FLOW
Charles E. Lucke, New York, N. Y., assignor to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey
Application August 30, 1934, Serial No. 742,048
9 Claims. (Cl. 122—479)

1. In combination, a steam boiler including a bank of steam generating tubes, a furnace from which hot gases pass across the steam generating tubes, a superheater contacted at all times by all of the gases which have passed across the generating tubes, a first set of gas flow regulators contacting with the furnace gases before they reach the superheater, gas baffling means beyond said set of regulators and defining gas flow passages across said superheater, and another set of gas flow regulators positioned beyond the superheater with reference to gas flow and cooperable with the first set of flow regulators and with said baffling means to cause the gases to pass across the superheater in a single pass or in a plurality of passes, said sets of regulators cooperating to cause the mass flow of the gases across the superheater to be varied.



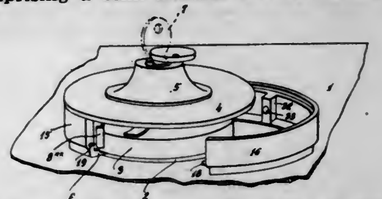
2,131,059
SNAP-ON ORNAMENTAL GRILLE GUARD
George Albert Lyon, Allenhurst, N. J.
Application July 29, 1937, Serial No. 156,284
8 Claims. (Cl. 293—55)



6. As an article of manufacture, a bumper guard constructed to be applied vertically to the bumper bar and to be angled under pressure into wedged retaining engagement with the bar, said guard having angled portions movable in opposite directions to grip the bumper bar and impelled into operative gripping position by pressure applying means.

2,131,060
OVER-ALL SNAP LOCK PROTECTOR FOR FUEL TANK CAPS
Assad M. Maluk, New York, N. Y.
Application August 11, 1936, Serial No. 95,314
5 Claims. (Cl. 70—164)

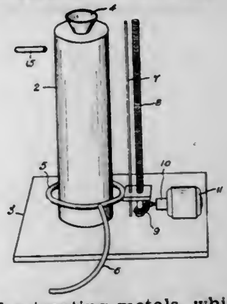
1. An over-all protector for the filling necks of tanks for fluids, comprising a closure member having a top wall and an upwardly projected neck, an integral vertical semi-annular side wall and an inwardly projected flange carried by said side wall at its base, a rotatable key actuated barrel in said neck of the closure member, a latch slide operatively connected to the barrel at the underface of said top wall, and a second closure member having a hinge connection with the first member, said second closure member comprising a semi-annular vertical wall carrying an inwardly projected flange at its base, said side wall having a latch receiving element adapted to be engaged by said latch slide.



2,131,061
PROPELLANT EXPLOSIVE
Henry N. Marsh, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application December 18, 1936, Serial No. 116,555
5 Claims. (Cl. 52—6)

1. A smokeless powder having incorporated therein from about 0.25% to about 2% of an inorganic substance selected from the group consisting of antimony sulfide, metallic antimony powder, and antimony oxide.

2,131,062
TREATMENT OF METAL
Samuel Ross McBride, Ravenna, Ohio, assignor to H. L. F. Company, Los Angeles, Calif., a corporation of California
Application February 11, 1936, Serial No. 63,385
1 Claim. (Cl. 22—212)

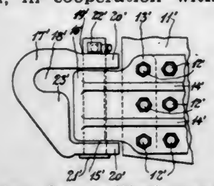


A device for treating metals, which comprises a ring member comprising a plurality of jets for fluid arranged in a common plane, a movable carrier therefor, flexible connections from a source of fluid-supply to said jets, a cylindrical mold with a wall having substantially no inherent capacity for chilling molten metal in contact with it, said mold being exposed to said jets, and means for controllably moving said ring of jets progressively along the wall of said mold coordinated with the pouring of the metal into the mold.

2,131,063
DRAG BUCKET AND CLEVIS THEREFOR
George W. Mork, South Milwaukee, Wis., assignor to Bucyrus-Erie Company, South Milwaukee, Wis., a corporation of Delaware
Application January 8, 1937, Serial No. 119,559
11 Claims. (Cl. 37—135)

2. Means for attaching a drag chain to a drag bucket, comprising: a lug projecting forwardly

from the side of the bucket; a U-shaped clevis, the feet of which have provision for swiveling attachment to the lug, and the U of which has a projection, in cooperation with the forward



edge of the lug, for positively confining a cooperating chain-link (not claimed) to a position substantially nearer to one leg of the U than to the other; and means for swivelly attaching the clevis to the lug.

2,131,064
FOOD BASE AND COMPOSITION CONTAINING SAME
Albert Musher, New York, N. Y., assignor to Musher Corporation, Elizabeth, N. J., a corporation of New Jersey
No Drawing. Application May 29, 1937, Serial No. 145,627
11 Claims. (Cl. 99—144)

1. A food base made from an intimate mixture of a heavy aqueous paste containing a water-absorbent bodier and a hard fat in proportions to yield a substantially solid plastic material.

2,131,065
RESISTANCE THERMOMETER
John A. Obermaier, Chicago, Ill.
Application August 24, 1934, Serial No. 741,286
17 Claims. (Cl. 73—362)



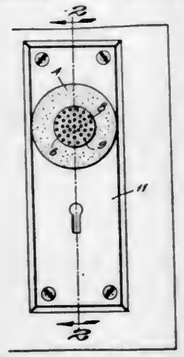
1. In a temperature measuring device, a temperature responsive electric resistance unit so constructed and arranged that it changes in resistance as a fixed function of the changes in temperature of the ambient medium, said unit comprising a tubular piece of insulation, a support therefor comprising a plurality of wires held within longitudinally-extending holes in the piece of insulation, said holes being located adjacent the center of the insulation, said insulation having a plurality of longitudinally-extending holes therein adjacent the periphery thereof, a thermal responsive resistance wire extending through the last mentioned holes with the ends thereof terminating at adjacent ends of adjacent holes and connected to the supporting wires and the coils in the respective holes connected in series, whereby the supporting wires constitute the lead-in conductors to the thermal resistance and relieve it of mechanical strain.

2,131,066
SEALED CONNECTER
John A. Obermaier, Chicago, Ill.
Application October 1, 1934, Serial No. 746,378
12 Claims. (Cl. 201—63)



1. An electrical connecter of the plug and socket type including a plug terminal and a cooperating socket terminal, a disc of insulation, one of said terminals being mounted on the disc and located on one side thereof, a sealing ring of resilient material on the other side of the disc, a lead-in conductor extending through the ring to the disc mounted terminal, said sealing ring embracing the conductor but freely slidable with respect thereto, and means for compressing the sealing ring into sealing engagement with the conductor, comprising a rotatable cap embracing the ring and the terminals and means for preventing twisting movement of the sealing ring with respect to the conductor as the cap is rotated.

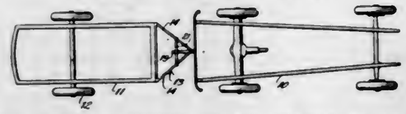
2,131,067
DOORKNOB AND PLATE
Alonzo E. Paden, Youngstown, Ohio, assignor of one-half to James Emery Dutton, Poland, Ohio
Application March 22, 1937, Serial No. 132,391
2 Claims. (Cl. 292—347)



1. A cushioning device for doors comprising an

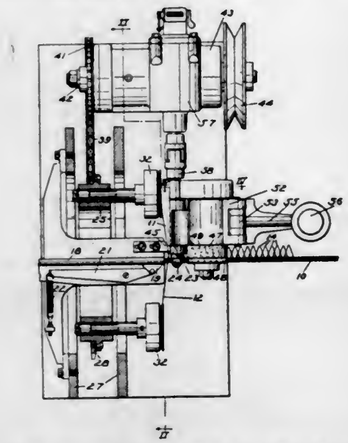
elastic body shaped to provide a knob for a door and including a solid portion and a hollow portion, the latter providing an air chamber, said hollow portion having openings in the face thereof communicating with the chamber, a sleeve formed on the solid portion, means within the sleeve for fitting the spindle of the latch of the door, and means for securing the first means to the spindle and extending through the sleeve.

2,131,068
DRAFT CONNECTION FOR TRAILERS
William Harvey Payne, La Grange, Ill.
Application October 5, 1936, Serial No. 103,999
9 Claims. (Cl. 280—33.44)



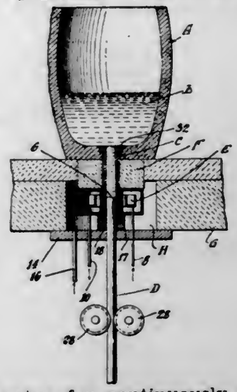
2. In a draft connection for trailers, in combination with an automobile frame and a trailer frame, a yoke member rigid with and extending forwardly from the trailer frame, a tongue bar secured to and extending rearwardly centrally from the automobile frame, transversely elongated spaced frictional elements connected with the yoke and relatively movable toward and away from one another and bearing upon the upper and lower sides of the tongue bar and adapted to permit lateral swinging of the tongue bar under frictional contact, and spring means for forcing the frictional elements toward one another to grip the tongue bar.

2,131,069
MANUFACTURE OF CORE ELEMENTS
Robert C. Pierce, Niles, Mich., assignor to National Standard Company, Niles, Mich., a corporation of Michigan
Application August 15, 1936, Serial No. 96,194
18 Claims. (Cl. 140—71)



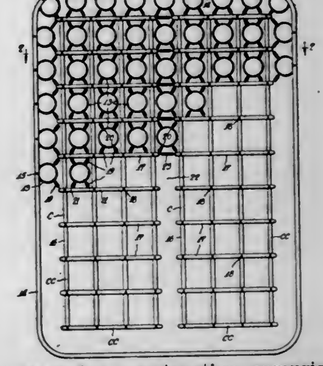
1. The method of making elongated core members which comprises feeding a cordlike element lengthwise, looping a plurality of wires about said element in evenly-spaced overlapping loops larger than the diameter of the element, and compressing said loops about the element leaving the excess wire projecting in flattened loops at one side thereof.

2,131,070
APPARATUS FOR CASTING METAL
Frank F. Poland, New Brunswick, N. J.
Application April 12, 1935, Serial No. 15,968
Renewed December 13, 1937
4 Claims. (Cl. 22—57.2)



4. Apparatus for continuously casting metal comprising the combination with a reservoir for molten metal communicating with a graphite die positioned below said reservoir, of cooling means surrounding a portion of said die for congealing metal therein and means for maintaining a non-oxidizing atmosphere in contact with the exposed die surfaces.

2,131,071
BEDSPRING CONSTRUCTION
Solomon Raduns, Brooklyn, N. Y.
Application July 6, 1936, Serial No. 88,921
4 Claims. (Cl. 5—267)



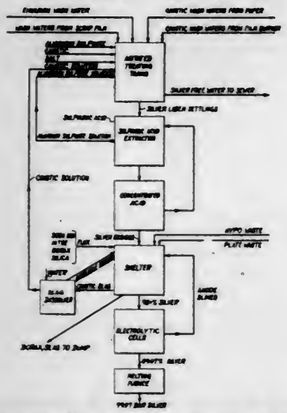
1. A bed spring construction comprising two spaced superimposed peripheral rectangular shaped outside frames, a plurality of uniformly spaced relatively large coil springs, the axes of which are perpendicular to the planes of said frames, said springs being arranged between said frames and the outermost of said springs being arranged around and connected to said frames and being arranged side by side over the entire area enclosed by said outside frames, two smaller rectangular inside frames arranged side by side within and in the plane of the uppermost of said outside frames and being spaced from each other and from the outside frame by about the diameter of said coil springs, said inside frames being supported entirely on and being attached to said coil springs and a plurality of elongated rela-

tively small coil springs lying in the plane of said uppermost outside frame and in the plane of said inside frames extending transversely to said relatively large coil spring and being connected to and in turn connecting together said uppermost outside frame, said inside frames and the uppermost convolutions of said large springs for mutual support.

2,131,072
SILVER RECOVERY

Marvin J. Reid, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

Application April 9, 1937, Serial No. 135,953
13 Claims. (Cl. 75—83)



1. A process for the production of silver from liquids containing silver in relatively small quantities, which comprises adding alkali and salt to the liquid, then treating the liquid with an agent whereby a sludge containing silver is obtained, subjecting the sludge to treatment which reduces the sludge volume and regenerates the precipitating agent, and employing the re-formed precipitating agent for the treatment of further metal-containing materials.

2,131,073
MANUFACTURE OF EXPANDED RUBBER

Dudley Roberts, New York, N. Y., and James S. Reid, Cleveland, Ohio; said Reid assignor to Rubatex Products, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application February 21, 1936, Serial No. 65,062
8 Claims. (Cl. 18—53)

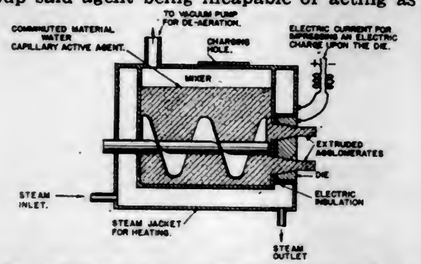
1. A method of making a porous rubber body containing a large number of gas expanded rubber pellets separated from each other by spaces which comprises forming a number of small pellets of rubber; gassing the pellets; mixing the gassed pellets with liquid latex; expanding the mixed mass; and vulcanizing the expanded mass to form an expanded rubber body having a non-objectionable odor.

2,131,074
AGGLOMERATING COMMINUTED ZINCIFEROUS MATERIALS

John F. W. Schulze, Shaker Heights, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application May 20, 1935, Serial No. 22,492
14 Claims. (Cl. 75—3)

1. The improvement in the method of producing agglomerates containing comminuted zinciferous material which comprises moistening the materials to be agglomerated with water and a capillary-active agent containing the SO_3—X group in which X is hydrogen or a salt forming group said agent being incapable of acting as a

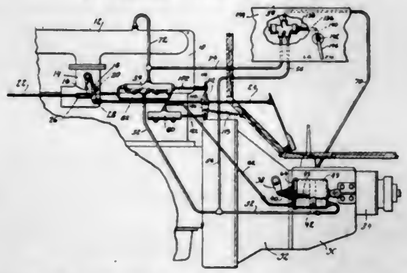


binder, kneading the resulting moistened mass to plasticize the same the particles of said plasticized mass being held together by forces of capillary attraction, and forming agglomerates of the kneaded mass.

2,131,075
CLUTCH OPERATING MECHANISM

Roy S. Sanford, New York, N. Y., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana

Application September 27, 1935, Serial No. 42,418
4 Claims. (Cl. 192—.01)

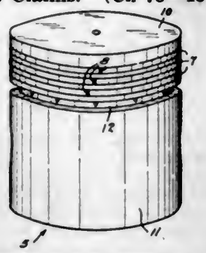


1. Valve mechanism including a cylindrical chamber shouldered intermediate its ends, a vacuum operated spool valve slidable within the same on one side of said shoulder, means placing the ends of the chamber in fluid-transmitting connection and a valve having a stem extending through the end of the valve casing on the other side of said shoulder.

2,131,076
ALUMINUM ALLOY AND PROCESS FOR MAKING THE SAME, PISTON AND PISTON RING FORMED FROM SAID ALLOY

Harvey G. Schwarz, Seattle, Wash., assignor to Bernard B. Pelly

Application July 24, 1937, Serial No. 155,360
15 Claims. (Cl. 75—138)



6. An aluminum alloy comprising substantially

silicon 20 to 50%, nickel 1 to 5%, copper 0.5 to 2.5%, magnesium 1 to 3%, vanadium in an effective amount up to 1% and the balance substantially all aluminum.

2,131,077
APPLICATOR

Arthur N. Snyder, Jackson Heights, Long Island, N. Y.

Application April 24, 1937, Serial No. 138,867
8 Claims. (Cl. 132—1)

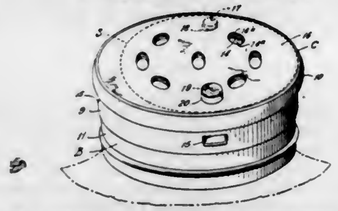


1. An applicator of the type adapted to massage the lips or the like, comprising a relatively thin, rigid shell, and a coating of relatively soft material substantially covering the outer surface of said shell.

2,131,078
CLOSURE FOR RECEPTACLES

Percy M. Thorn, New Rochelle, N. Y.

Application December 19, 1935, Serial No. 55,158
4 Claims. (Cl. 221—64)

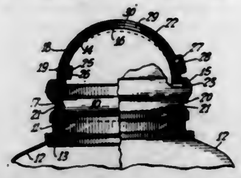


1. A closure of the character described comprising in combination a base portion and a cap portion fitting over said base portion, a shutter movable between said portions and pivoted at its opposite ends to said portions having a plurality of registering openings through said portions and said shutter whereby movement of said cap portion upon the base portion will move the shutter to bring said openings in the base portion, in the cap portion and in the shutter, in a position to register with each other in one position of the parts, said openings being disposed in symmetrical groups and being spaced circumferentially more distant from each other at points corresponding to the position of the two pivots than between said points.

2,131,079
CLOSURE

Percy M. Thorn, New Rochelle, N. Y.

Application December 1, 1937, Serial No. 177,461
8 Claims. (Cl. 221—64)

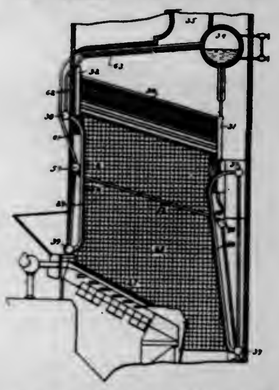


4. A device of the character described comprising in combination a base portion and a cap portion, each of hemispherical shape, a hemispherical shutter movable between said portions, said shutter being articulated to both of said portions whereby a rotation of said cap portion will move said shutter, said base portion and said cap portion having aligned openings in position to be intercepted by said shutter in one position of the latter.

2,131,080
STEAM GENERATING AND SUPERHEATING APPARATUS

Charles S. Turner, Detroit, Mich.

Application December 17, 1934, Serial No. 757,741
15 Claims. (Cl. 122—481)

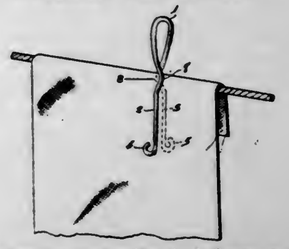


1. In a boiler, in combination with saturated steam generating means and a source of water supply, a water wall structure including a plurality of spaced tubes arranged appurtenant a heating chamber, a water-regulated superheater comprising a tubular assembly extended at an angle to the horizontal across said heating chamber and having combined supporting and supply portions connected thereto and mechanically connected to the water wall and also provided with coupling portions connecting them outside the chamber to said saturated steam generating means and said source of water supply, and assisting in holding the wall structure against outward movement.

2,131,081
CLOTHESPIN

Joseph Wareing, Buffalo, N. Y.

Application December 16, 1936, Serial No. 116,129
2 Claims. (Cl. 24—139)



1. A clothes pin constructed from a piece of spring material and comprising a loop and two shanks arranged side by side and having their upper ends connected by said loop and the intermediate parts of said shanks having bowed portions forming jaws which project in opposite directions from said shanks and in planes at right angles to the plane of said loop.

2,131,082
PROCESS FOR PREPARING INTERMEDIATE FOR HORMONE PRODUCTION
John Weijlard, Rahway, N. J., assignor to Merck & Co. Inc., Rahway, N. J., a corporation of New Jersey
No Drawing. Application January 9, 1937, Serial No. 119,754
4 Claims. (Cl. 260—131)

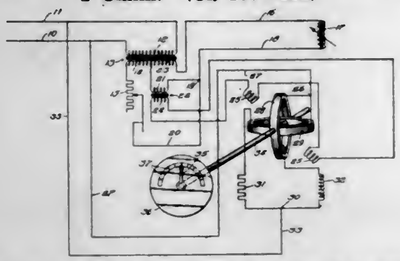
1. A process for the production of 3-chlor-etio-allocholanone-(17) which comprises the complete reduction of $\Delta^{5,6}$-3-chlor-etio-cholenone-(17) with hydrogen in the presence of a platinum catalyst, and subsequent oxidation of the reaction product with chromic acid in glacial acetic acid.

2,131,083
SUSPENSION FOR VEHICLES
Sidney B. Winn, Lapeer, Mich.
Application March 23, 1936, Serial No. 70,275
2 Claims. (Cl. 280—124)



1. In combination, a vehicle frame, a pair of transverse shafts rigidly secured in parallel spaced relation beneath the frame, levers pivotally mounted on the ends of one of said shafts, wheels supported on the free ends of said levers, springs engaging levers, and stationary brackets on the adjacent ends of the other shaft for supporting said springs whereby they yieldably press against said levers.

2,131,084
REMOTE CONTROL INDICATOR
Hugh E. Young, Chicago, Ill.
Application June 29, 1934, Serial No. 733,095
1 Claim. (Cl. 177—351)

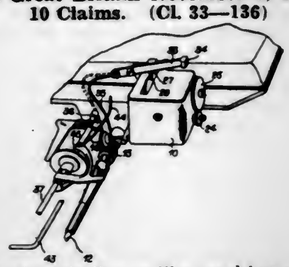


In means for indicating movement of a remote member, an alternating current supply circuit, a power factor meter having a movable coil and a stationary coil, one of said coils being connected to said supply circuit, and a variable phase shifting network also connected to said supply circuit and capable of producing a variable shift of voltage for substantially 180°, the other coil of said meter being connected to the output of said network, the latter being arranged in an electrical bridge circuit comprising a supply transformer having a center tap and forming two equal arms of the bridge and two impedances having a difference of approximately 90° in phase angle forming the other two arms of the bridge, one of said impedances being variable responsive to movements of said member and controlling the amount of phase shift, the indication of said meter being obtained from the phase of the voltage.

2,131,085
BITUMINOUS CEMENT
Benjamin Albert Anderton, Grantwood, N. J., assignor to The Barrett Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application May 15, 1935, Serial No. 21,691
3 Claims. (Cl. 134—23.7)

1. A quick drying bituminous cement for felt roofing, said cement comprising a bituminous solution from the group consisting of (a) asphalt having a softening point falling within the range of from about 150 to about 225° F. (Ring and Ball) and a sufficient amount of petroleum distillate solvent at least the major portion of which boils within the range of from about 150 to 225° C., to produce an asphaltic solution having an Engler specific viscosity falling within the range of from about 10 to about 20 at 50° C., and (b) pitch having a softening point falling within the range of from about 100 to about 190° F. (Ring and Ball) and a sufficient amount of hydrocarbon solvent from the group consisting of coal tar distillate, water gas tar distillate, drip oil and coke oven naphtha, at least the major portion of which boils within the range of from about 150 to about 225° C. to produce a pitch solution having an Engler specific viscosity falling within the range of from about 20 to about 40 at 25° C., said cement containing from 2 to 10 per cent by weight of asbestos fibers based on the weight of the bituminous solution.

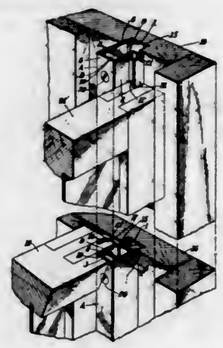
2,131,086
MEANS FOR MEASURING YARN IN PIRN AND LIKE WINDING APPARATUS
George Arthur Armett, Arthur Prince Black, and Stephen Miller Fulton, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application October 23, 1934, Serial No. 749,568
In Great Britain November 7, 1933
10 Claims. (Cl. 33—136)



1. In a pirn winding or like machine comprising a winding spindle provided with stop mechanism and a yarn traversing mechanism, a yarn measuring device including a member adapted to be driven at a predetermined rate relative to the winding spindle, and means controlled by said member to be engaged by the traversing mechanism after a predetermined number of revolutions of the winding spindle, to operate the stop mechanism for the winding spindle.

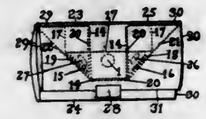
2,131,087
WEATHER STRIP FOR WINDOWS
Frank Austin and Edward G. Austin, Fanwood, N. J.
Application March 9, 1937, Serial No. 129,783
6 Claims. (Cl. 20—68)

1. A weather-strip comprising a casing having bottom, top and side walls, tubes connecting the top and bottom walls, a member carried by and slidably engaging said side-walls, said member being formed with a weather-strip flange, and



spring means for urging said member towards the top wall of said member.

2,131,088
COIN CARRIER
Harry C. Baller, Los Angeles, Calif.
Application July 26, 1935, Serial No. 33,236
3 Claims. (Cl. 229—92.9)

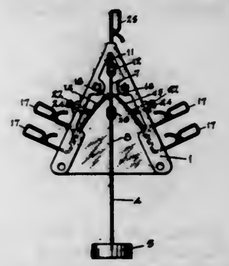


1. A coin carrier consisting of a sheet of paper having four or more sections parallel to each other, the first three sections being adapted to be folded over one another, and then folded diagonally from the adjacent corners of the fourth section to the opposite side of the three-section infoldment leaving a space at the center for a coin pocket, and held in a central position of and folded on to the fourth and additional sections, adaptable as a coin carrier envelope inclosure, as shown and described.

2,131,089
ACTIVATING AND MAINTAINING THE ACTIVITY OF DEHYDROGENATION CATALYSTS
Otto Beeck, Berkeley, James Burgin, Oakland, and Herbert P. A. Groll, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application December 9, 1935, Serial No. 53,612
9 Claims. (Cl. 260—683)

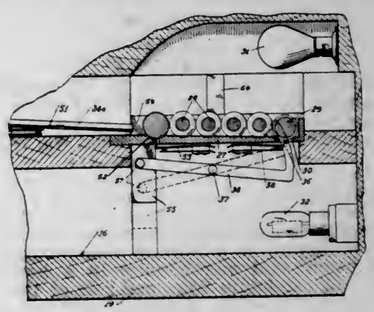
1. A process for the catalytic dehydrogenation of an aliphatic hydrocarbon containing at least two carbon atoms predominantly to the corresponding unsaturated compound possessing fewer hydrogen atoms but the same number of carbon atoms which comprises subjecting a dehydrogenation catalyst substantially free of uncombined metal to an activation treatment with a gaseous hydride selected from the group consisting of the hydrides of sulphur, selenium and tellurium at an elevated temperature, subsequently contacting the aliphatic hydrocarbon with the pretreated catalyst under dehydrogenation conditions at which scission of the hydrocarbon molecule is substantially obviated, and substantially maintaining the activity of the catalyst at a practical optimum during the dehydrogenation by adding to the reaction mixture a controlled amount of water vapor in such proportions that a monomolecular layer of water is maintained on the catalyst surface.

2,131,090
SIGNALING DEVICE
Raymond E. Beerman, Toledo, Ohio
Application January 16, 1937, Serial No. 120,976
1 Claim. (Cl. 200—52)



In a signaling device, a frame, a pair of links connected to the frame, a sheet metal strip connected at the corners of one of its ends to the links and forming an electric contact, a second pair of links connected to the corners of the other end of the strip, a second sheet metal strip connected at the corners of one of its ends to the said second links, a bob connected to the other end of the said second sheet metal strip, a pair of elastic metal contacts secured to the frame, the ends of the contacts located on opposite sides of the first-named metal strip, means for connecting a circuit to the first-named metal strip and to the elastic contacts, the circuit of the contacts opened and closed by the swinging of the pendulum.

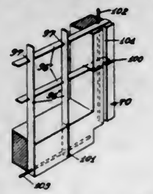
2,131,091
GAME APPARATUS
Melvin J. Binks, Chicago, Ill., assignor, by mesne assignments, to Exhibit Supply Company, Chicago, Ill., a corporation of Illinois
Application January 4, 1936, Serial No. 57,471
9 Claims. (Cl. 273—138)



1. In an amusement apparatus, a cabinet including a member providing a ball-playing surface provided with a light-penetrable ball seat;

a photo-sensitive cell arranged in the said cabinet at one side of said ball seat and a source of light arranged in the said cabinet upon the opposite side of the said ball seat from said cell and adapted when energized to direct a beam of light through said ball seat and against said cell; said beam of light being rendered effective to energize said cell by a light penetrable ball disposed upon said seat; and said apparatus including an instrumentality operated by said cell when the latter is energized by said beam of light.

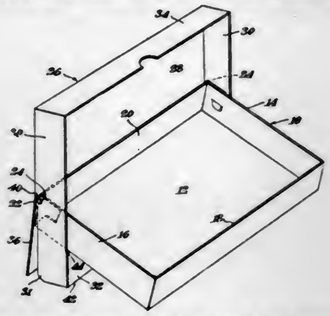
2,131,092
POTATO SLICER
Samuel Bloomfield, Chicago, Ill.
Application November 3, 1936, Serial No. 108,996
4 Claims. (Cl. 146—169)



1. Cutting means for use with vegetable cutters and the like and comprising a frame member having opposite adjoining frame portions with aligned blade receiving slots therein, oppositely disposed frame portions constituting a pair and each frame portion of one said pair being provided with an internal bore extending through its length and transversely through the said slots therein, said frame having a second pair of opposite frame portions adjoining said first-mentioned pair and similarly provided with aligned blade receiving slots, the said frame portions of said second pair having open channels extending substantially through their length transversely across said blade receiving slots therein in such manner that a set of blades having opposite apertured end portions with mounting rods threaded therethrough may be seated in said frame with said mounting rods deposited in said open channels, a second set of said blades being seated in the blade receiving slots in said first-mentioned pair of frame members so as to overlie in crosswise fashion the blade members mounted on pins in said open channels, said second-mentioned set of blades being locked in said frame by means of pin members extended into said internal bore formations and threaded through the apertured end portions of said blades.

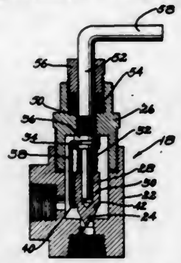
2,131,093
DISPLAY BOX
James Cage, Valley Stream, N. Y., assignor to Reynolds Metals Company, New York, N. Y., a corporation of Delaware
Application April 18, 1936, Serial No. 75,042
6 Claims. (Cl. 206—44)

4. In combination, merchandise packaged in a box-like container and a second-class lever device for automatically tilting the merchandise comprising an elongated rectangular bottom strip member serving as a fulcrum and normally located below said merchandise in a horizontal plane and extending from one side of the merchandise to the other, elongated side wall members formed of flat strip material attached to the ends of said bottom strip member positioned in vertical planes at the outer sides of the merchandise and movable in said planes, said side wall members extending forwardly and upwardly with respect to said bottom member, and a top member of rectangular form normally flatly overlying the merchandise and attached to said side wall members forwardly thereof relative to said bottom



strip member, whereby when said top member is swung upwardly said bottom strip member is rotated upon its longitudinal axis with one edge operating as a fulcrum for the lever device and the other edge operating to lift the merchandise.

2,131,094
SAFETY DEVICE
Kendall Clark, South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill., a corporation of Illinois
Application July 12, 1937, Serial No. 153,217
11 Claims. (Cl. 137—161)

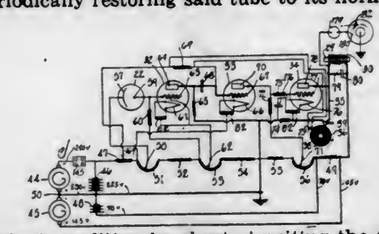


1. A safety device comprising a valve body formed with a seat, a spring-pressed valve member urged toward said seat to close the valve, a bi-metallic latch holding said valve member unseated and adapted to be distorted by excessive heat in a direction to unlatch said valve member to allow it to seat itself, and a plug threaded into the valve body and having a part projecting toward said seat and which has slidable guiding engagement with the valve member, said latch being secured at one end adjacent the junction between the plug and said part.

2,131,095
MEANS FOR SORTING HOMOGENEOUS ARTICLES
David C. Cox, Lowell, Mich., assignor to Electric Sorting Machine Company, Lowell, Mich.
Application February 15, 1934, Serial No. 711,374
23 Claims. (Cl. 209—111)

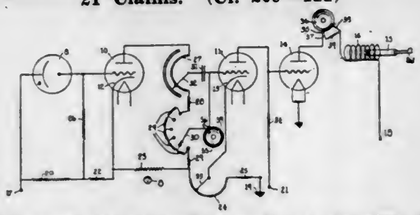
23. Apparatus for sorting homogeneous moving articles, comprising in combination electric sorting means including a grid controlled gaseous discharge tube having means for conditioning the tube if ionized for restoration to its normal deionized condition, and means operating in timed

relation to the movement of said articles for periodically restoring said tube to its normal de-



ionized condition by short circuiting the tube at definite intervals.

2,131,096
PHOTOELECTRIC ASSORTING DEVICE
David C. Cox, Lowell, Mich., assignor to Electric Sorting Machine Company, Grand Rapids, Mich.
Application November 14, 1935, Serial No. 49,727
21 Claims. (Cl. 209—111)



21. In a photoelectric assorting apparatus, the combination of a conveyor having spaced article seats, a photoelectric cell arranged to view articles on said seats, means controlled by said photoelectric cell for ejecting off-color articles from said conveyor, and means acting to normalize the apparatus, comprising an amplifier in the control circuit of said ejecting means, a condenser, means to periodically establish a grid biasing circuit around said condenser, and means to vary the extent of the bias so applied to said amplifier.

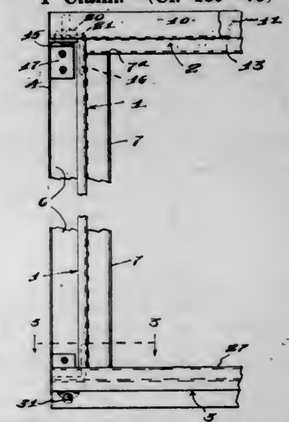
2,131,097
IMPREGNATED FELT
Pierre Drewsen, Sandusky, Ohio, assignor to The Barrett Company, New York, N. Y., a corporation of New Jersey
No Drawing. Original application February 4, 1926, Serial No. 86,098, now Patent No. 2,029,310. Divided and this application November 16, 1935, Serial No. 50,151
2 Claims. (Cl. 92—3)

1. A flexible felt sheet consisting substantially entirely of wood fibers, said felt containing from 15 per cent to 45 per cent of fibers of relatively great strength from the group consisting of sulfite pulp and kraft pulp and from 55 per cent to 85 per cent of fibers having high absorptive capacity produced by cooking wood with a reagent of the group consisting of caustic alkali and alkaline sulfides, said felt being impregnated with waterproofing material.

2,131,098
COLORATION OF MATERIALS
Henry Dreyfus, London, England
No Drawing. Application September 20, 1935, Serial No. 41,419. In Great Britain September 28, 1934
10 Claims. (Cl. 8—46)

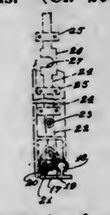
2. Process for the coloration of textile material or film comprising a synthetic resin, which comprises incorporating therein a water-insoluble dye component containing at the most one sulphonic group by treatment with an aqueous dispersion of the dye component, and thereafter converting said dye component into dyestuff on the material.

2,131,099
KNOCK-DOWN WINDOW FRAME
Oliver M. Edwards, Syracuse, N. Y., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y., a corporation of New York
Application March 8, 1937, Serial No. 129,615
1 Claim. (Cl. 189—75)



A knock-down metal window frame consisting of upright and transverse members connectable together to form a substantially rectangular sash receiving opening, each of said members comprising a substantially flat sheet metal body strip having outwardly extending side flanges forming an outwardly facing channel, one member being arranged to lap the end of the adjacent members and each adjacent member being formed with a flange at its end forming a shelf on which each end portion of the body strip of the said one member laps, one of the side flanges of each adjacent member extending beyond said shelf forming an angular pocket receiving the corner of the lapping portion of the body strip of said one member to locate and square the upright and transverse members at the corners, and fastening members extending through the shelf and the portion lapping the same.

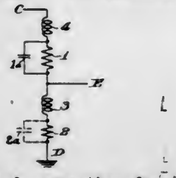
2,131,100
WEATHER PROTECTOR
Joseph F. Fauner, Irvington, N. J.
Application July 3, 1936, Serial No. 88,710
6 Claims. (Cl. 20—66)



1. In a weather protector for windows or doors having locking means, a sill or threshold structure comprising stationary and movable members operatively connected with one another by

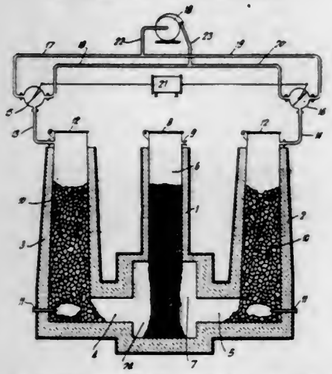
a continuous, weather-proof hinge extending over the entire length of the structure, said movable member and the bottom portion of the window or door being constructed and arranged to cooperate with one another when the window or door is closed, and means for operatively connecting the window or door locking means with said movable member when the window or door is closed, said means consisting of a sliding member secured to the stationary frame of the window or door, said sliding member having a recess, said locking means having a pivotal extension, adapted to engage said recess, for operating said sliding member, and thereby said movable member of the sill or threshold structure.

2,131,101
RESISTANCE ATTENUATOR
Malcolm Ferris, Boonton Township, Morris County, N. J.
Application August 20, 1937, Serial No. 160,049
12 Claims. (Cl. 178—44)



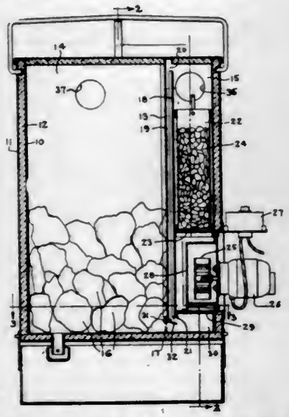
1. The method of correcting for inherent capacity and inductance in a resistance attenuator composed of a plurality of sections, consisting in applying additional inductance and capacity to one of its sections to render the reactance to resistance ratio substantially the same for a plurality of its sections.

2,131,102
PROCESS FOR THE OPERATION OF SMELTING AND REDUCING FURNACES
Mathias Fränkl, Augsburg, Germany, assignor to American Oxythermic Corporation, New York, N. Y., a corporation of Delaware
Application January 22, 1936, Serial No. 60,184
In Germany July 29, 1931
12 Claims. (Cl. 23—208)



1. A process for the production of metallic carbides, which comprises intimately admixing a reducible oxide selected from the group consisting of the oxides of calcium, silicon and aluminum with a carbon reducing agent, forming such a mixture into briquettes, charging the briquettes into a reducing zone in communication with a solid fuel containing heat yielding zone and a solid fuel containing heat storing zone, effecting reduction by a circulating gaseous mixture heated by contact with the hot solid fuel regenerative body in the heat yielding zone and by combustion gases arising from a simultaneous partial burning of said fuel regenerative body by a gas enriched in oxygen and passed through the reducing zone in contact with the charged briquettes, and withdrawing hot gaseous mixture through the solid fuel regenerative body in the heat storing zone whereby the gaseous mixture is cooled and regenerative body preheated.

2,131,103
CONTROL FOR THERAPEUTIC AIR CONDITIONERS
Jay A. Heidbrink, Minneapolis, Minn., assignor to The Ohio Chemical and Manufacturing Company, Cleveland, Ohio
Application January 17, 1936, Serial No. 59,577
6 Claims. (Cl. 128—191)



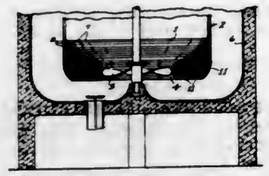
1. An air-conditioner for therapeutic purposes embodying a soda lime chamber and a cooling chamber with an opening connecting said chambers, a blower adapted to establish a closed circuit of air mixture successively through the soda lime chamber and the cooling chamber, means interposed between said chambers for by-passing some of said air mixture to cause it to recirculate through the soda lime chamber, and means associated with said by-pass means for regulating the amount of the air mixture recirculated through the lime chamber.

2,131,104
COPPER-SILVER-BERYLLIUM-MANGANESE ALLOY
Franz R. Hensel and Earl I. Larsen, Indianapolis, Ind., assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
No Drawing. Original application October 9, 1937, Serial No. 168,199. Divided and this application June 9, 1938, Serial No. 212,685
5 Claims. (Cl. 75—161)

1. An alloy containing about 0.05 to 3% beryllium, 0.05 to 4% silver, 0.5 to 10% manganese and the balance copper.

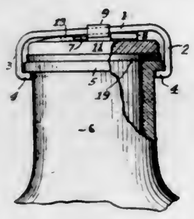
2,131,105
DRAFT TUBE THROAT RING
Raymond P. Hill, Orange, N. J.
Application October 21, 1936, Serial No. 106,793
3 Claims. (Cl. 259—1)

1. A throat ring for draft tubes and the like comprising a plurality of fabricated segments placed in circular arrangement and mounted in superposed relation, each segment being built up of relatively thin pieces of lumber fitted together



to form slabs, a plurality of said slabs being laid one upon another, a sheet of plywood between adjacent said slabs, said slabs and plywood being permanently secured in unitary relation.

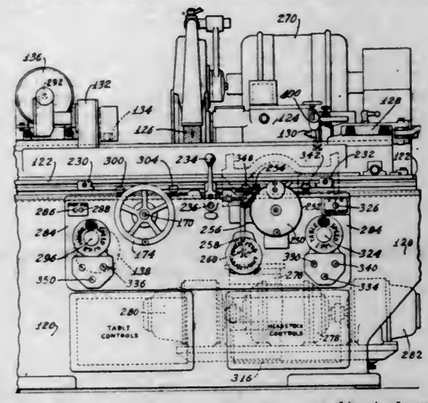
2,131,106
JAR TOP
Anthony Hudoba, Struthers, Ohio
Application October 14, 1937, Serial No. 168,926
1 Claim. (Cl. 215—91)



In a jar top, a clamp for said top, relatively short downwardly extending and inturned ends on said clamp adapted to fit underneath a peripheral flange of a jar, one down-turned portion being relatively longer than the other, a curved pressure member and a flat pressure member together with a slide member formed by cut-out portions between the ends of the pressure members turned upwardly and inwardly to fit loosely upon the clamp, a pair of raised portions on said top, one larger than the other, said smaller raised portion adapted to allow the flat portion to slide past it and the larger portion adapted to form a stop for the flat portion when it reaches the center of the jar top where it can be slid between the raised portions, substantially as described.

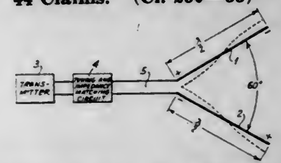
2,131,107
GRINDING MACHINE
August L. Krause, Providence, R. I., assignor to Brown and Sharpe Manufacturing Company, a corporation of Rhode Island
Application April 6, 1937, Serial No. 135,253
18 Claims. (Cl. 51—95)

1. In a grinding machine having a grinding wheel, a grinding wheel support and a work support, driving means for imparting translatory movements to one of said supports including a rate changer having means for adjustment to drive the support at any one of a series of predetermined rates, a supplemental rate changer operative only in combination with the slowest speed adjustment of the first rate changer to drive the support at any one of a series of slower rates, separate manually operable means for effecting the adjustment of each of said rate changers, and means for shifting said first rate changer to the slowest speed adjustment independently of the setting of its manual control means whereby to effect a shift in support movement from an



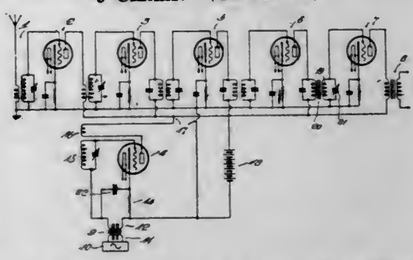
adjusted rate in one series to an adjusted rate in the other series.

2,131,108
SHORT WAVE COMMUNICATION SYSTEM
Nils E. Lindenblad, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application April 28, 1936, Serial No. 76,745
44 Claims. (Cl. 250—33)



1. An antenna system comprising two conductors in the same plane and disposed substantially at an angle of 60° with respect to each other, each of said conductors being one-half the length of the communication wave, and means for exciting said conductors to have opposite instantaneous polarities at correspondingly located points.

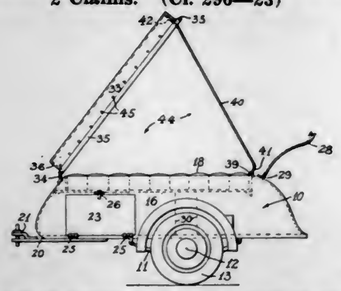
2,131,109
RADIO TELEGRAPH RECEIVING SYSTEM
Percival D. Lowell, Chevy Chase, Md., assignor to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application July 25, 1933, Serial No. 682,132
9 Claims. (Cl. 250—8)



1. A continuous wave radio telegraph receiving system comprising a superheterodyne receiving circuit including a first detector, a high frequency oscillator connected therewith, an intermediate

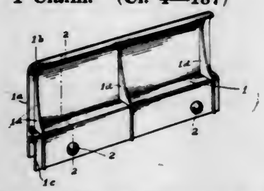
frequency amplifier connected with said first detector, a second detector connected with said intermediate frequency amplifier, a preselector circuit connected with the output of said second detector, an audio frequency amplifier system connected with said preselector circuit and a source of audio frequency oscillation connected with said high frequency oscillator, said preselector circuit being tuned to select the frequency of said source of audio frequency oscillation.

2,131,110
TRAILER
Moore Lynn, Santa Monica, Calif.
Application November 26, 1937, Serial No. 176,715
2 Claims. (Cl. 296—23)



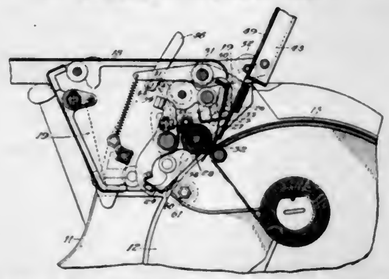
1. A trailer comprising a body portion provided with wheels and open at its upper side, a movable cover member for said body hingedly connected at one end to the body, and a second movable cover member connected at one end to the body at a point remote from the hinged connection of the first movable cover member, the two cover members being elevated and brought together to form a gable type roof over said body portion through the means of a separable joint between the non-hinged ends of said cover members at the ridge of the gable roof, said cover members being adapted to be lowered when said joint is disconnected.

2,131,111
PROTECTIVE SHIELD FOR KITCHEN SINKS AND THE LIKE
Laura A. Marsh, Portland, Maine
Application April 24, 1937, Serial No. 138,760
1 Claim. (Cl. 4—187)



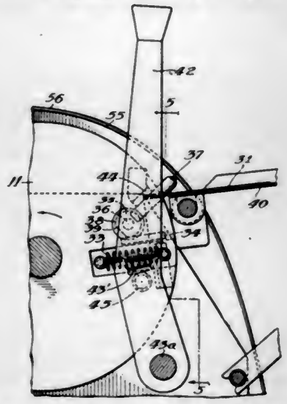
A protective shield for a kitchen sink adapted to be detachably secured to one of the walls thereof, comprising a thin, soft rubber apron, a plurality of vertically disposed ribs made integral with said apron and projecting inwardly from the face thereof, said ribs extending from top to bottom of the apron and serving to yieldingly maintain it, normally, in an upstanding position, a bifurcated portion on the lower end of said shield, the inner branch of said bifurcated portion constituting an extension of said apron and adapted to engage the inner face of the wall of the sink, and the other branch of said portion adapted to engage the opposite or outer face of the said wall, the two branches straddling the wall and together maintaining a yieldable embrace thereof, and a plurality of rubber suction cups on the inwardly disposed branch of said bifurcated portion adapted to assist in securing said apron, by suctional means, to the wall of the sink.

2,131,112
DUPLICATING MECHANISM
Alfred Marchev, La Grange, Ill., assignor to Ditto, Incorporated, Chicago, Ill., a corporation of West Virginia
Application April 5, 1937, Serial No. 135,127
8 Claims. (Cl. 101—132)



1. In a duplicating machine, a duplicating drum, means to rotate said drum, a duplicating band on said drum, means guiding sheets to said drum, a platen roller adapted to press the sheets against the band on said drum, mounting means for said platen roller including yielding means adapted to hold it in the path of the advancing band, lever means connected with said roller and operable to lift the roller out of the path of said band, and lever engaging means on said drum adapted to move the lever means just in advance of the platen roller meeting the band and thereby cause the platen roller to be lifted over the advancing edge of the band.

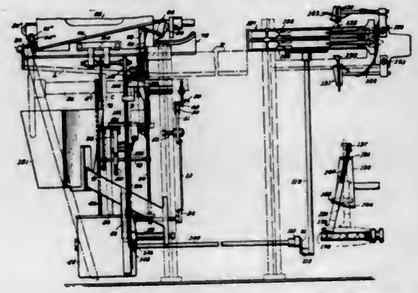
2,131,113
DUPLICATING APPARATUS
Alfred Marchev, La Grange, Ill., assignor to Ditto, Incorporated, Chicago, Ill., a corporation of West Virginia
Application March 29, 1937, Serial No. 133,577
7 Claims. (Cl. 101—132)



1. In a duplicating machine of the kind described, a rotatable drum, means for securing a

master sheet to said drum, means for pressing copy sheets against the master sheet on said drum, means for guiding a master sheet to said securing means, and means for aligning said securing means with said guide means, said aligning means comprising a pivoted lever, means on said lever for engaging and opening said securing means to receive one edge of a master sheet, and means on said lever for engaging said drum and preventing rotation thereof in the direction it is normally rotated whereby said securing means remain in alignment with said guide means.

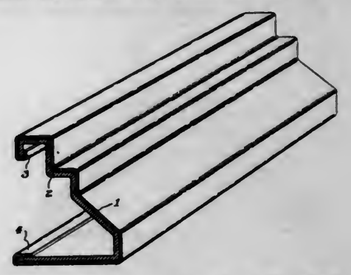
2,131,114
WEFT REPLENISHING LOOM
Ernest A. Morin and Morris Bornstein, St. Hyacinthe, Quebec, Canada, assignors to Consolidated Silk Mills, Ltd., Montreal, Quebec, Canada
Application September 4, 1937, Serial No. 162,492
5 Claims. (Cl. 139—232)



4. In a multicolor loom having means for stopping the operation of the loom upon depletion of weft, the combination with weft replenishing means, of a unitary transmission device having means including an actuating cam for successively replenishing the weft and restarting the operation of the loom, said device including a continually driven shaft and a one-revolution shaft, said cam being carried by said latter shaft, gearing connecting said shafts together and including a gear provided with circumferentially disposed seats, said gear being freely mounted on said one-revolution shaft, a lock-motion lever mounted on said one-revolution shaft for rotation therewith and for rocking movement in a plane transverse to the axis thereof, a pin on said lever in position to engage one of said seats, means for holding said pin out of said engagement during the normal operation of the loom, a shift rod connected with the loom stopping means and having an abutment, a shiftable dog, power means for moving said shiftable dog relative to the shift rod and means operable upon depletion of weft for moving said shiftable dog into position for engaging the abutment and for operating the shift rod thereby to stop the loom and for releasing said holding means and for engagement of the pin in one of said seats whereby rotation is imparted to said one-revolution shaft and to said cam.

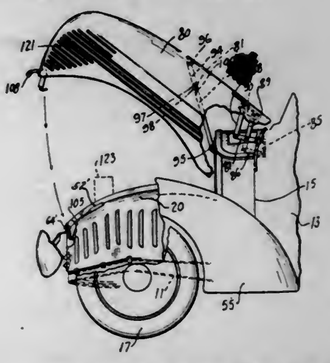
2,131,115
FRAMEWORK CONSTRUCTION
Harry E. Naisuler, Whitman, Mass.
Application August 7, 1935, Serial No. 35,192
6 Claims. (Cl. 29—181)

1. A laminated framework construction comprising a core of cadmium coated steel and a shell of stainless steel over said core, said core and shell each having substantially the same



coefficient of expansion, and said shell being burnished.

2,131,116
VEHICLE CONSTRUCTION
Amos E. Northup, Detroit, Mich., assignor to Willys-Overland Motors, Inc., Toledo, Ohio, a corporation of Delaware
Application January 19, 1937, Serial No. 121,352
18 Claims. (Cl. 180—69)

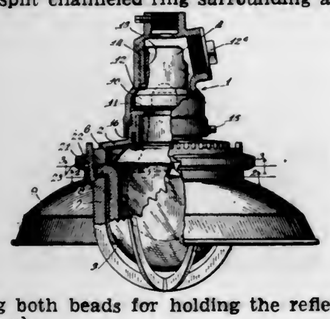


1. In combination, a chassis frame; a pair of relatively stationary vertically arranged panel members secured to said frame, said panel members having their forward portions in close relationship; a fender arranged adjacent each of said panel members and secured thereto; said fenders having forwardly and laterally extending portions secured together centrally of said chassis frame; and a bonnet pivotally supported at its rear portion and arranged to form with said side panels an engine enclosure.

2,131,117
GLOBE TYPE EXPLOSIONPROOF FIXTURE
Paul D. Phillips, Elmhurst, Ill., assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill., a corporation of Illinois
Application January 14, 1935, Serial No. 1,623
1 Claim. (Cl. 240—11.2)

An explosion-proof fixture comprising a hood construction, a cup-like glass globe, a cup-like guard embracing said cup-like globe, a lamp socket mounted in said hood construction for supporting a lamp bulb so that it extends into said globe, said hood construction being provided with an annular skirt member for supporting said cup-like globe and said cup-like guard, said guard having an outwardly-extending annular bead, a reflector surrounding said guard and having an

annular bead adjacent and below said guard bead, and a split channeled ring surrounding and em-



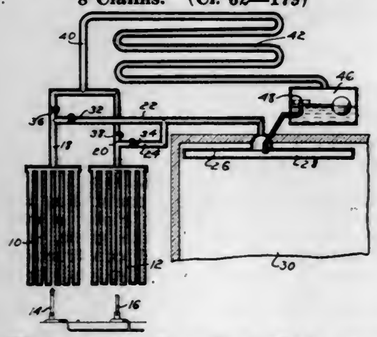
bracing both beads for holding the reflector on the guard.

2,131,118
SCARF
Sam B. Preston, Birmingham, Ala.
Application November 9, 1936, Serial No. 109,942
5 Claims. (Cl. 2—91)



1. A muffler scarf of the character described, comprising a strip of suitable scarf material having sufficient width after plaiting substantially to cover the front of the neck and the opening between the wearer's coat lapels, in combination with a neck band, the upper end of the scarf strip being gathered and attached along the upper edge of the neck band in position as the neck band is worn to fall in gathered folds from the top outside edge of the neck band, and means along the upper edge of the neck band concealed by the depending scarf strip to fasten the neck band in position around the neck.

2,131,119
REFRIGERATION
John J. Root and Frank J. Sowa, South Bend, Ind., assignors to International Engineering Corporation, Chicago, Ill., a corporation of Illinois
Application February 10, 1937, Serial No. 124,953
8 Claims. (Cl. 62—179)



1. That method of cooling which comprises placing a body of refrigerant comprising an oxide of nitrogen having an extended evaporative surface, in communication with a body of metal selected from the group consisting of copper, cobalt, nickel, barium, silver, and iron, whereby the metal will absorb said refrigerant to form a compound of the metal and an oxide of nitrogen, then decomposing the compound by heat and driving off the refrigerant as a gas, condensing said gas, and returning the condensed gas to said body of refrigerant.

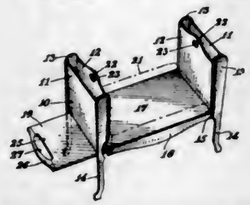
2,131,120
MANUFACTURE OF ORGANIC COMPOUNDS CONTAINING BASIC SUBSTITUENTS
Paul Schlack, Berlin-Treptow, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany, a corporation of Germany
No Drawing. Application October 31, 1935, Serial No. 47,637. In Germany November 1, 1934
4 Claims. (Cl. 260—2)

1. A process of producing basic polymeric carbohydrates, which comprises reacting a hydroxyl-containing polymeric carbohydrate with an alkylene oxide having in its molecule, besides an alkylene oxide group, a basic nitrogen atom.

2,131,121
PROCESS OF INCREASING THE FASTNESS OF DYEINGS
Paul Schlack, Berlin-Treptow, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany, a corporation of Germany
No Drawing. Application January 21, 1936, Serial No. 60,061. In Germany January 25, 1935
4 Claims. (Cl. 8—74)

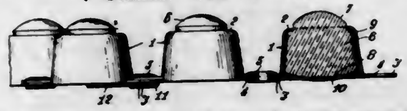
1. A process of increasing the fastness of dyeings of acid dyestuffs upon wool, natural silk, leather, artificial fibers which contain basic artificial resin, artificial fibers which contain basic cellulose derivatives, which comprises alkylating the dyed material with a compound selected from the group consisting of alkylene oxides, alkylene imines, alkylene sulfides and quaternary alkylene imines.

2,131,122
CONVERTIBLE FURNITURE DEVICE
Otto Schlett, New York, N. Y.
Application August 12, 1937, Serial No. 158,664
4 Claims. (Cl. 155—43)



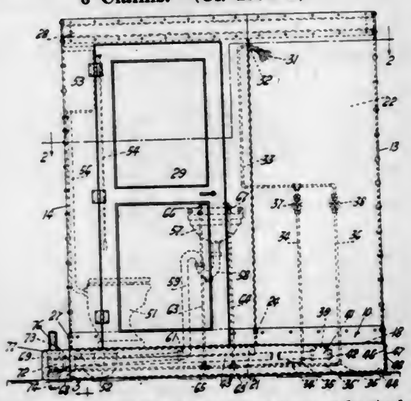
3. In a portable and convertible article of furniture, a pair of spaced leg members, each member having two leg-forming plates, inner and outer walls connecting the plates, the upper edges of the plates extending above the upper edges of the walls, a pair of braces joining the lower ends of the opposite side edges of the plates, a connecting member for the leg members supported by said braces and attached to the inner walls, tray supporting means extending from said braces and arranged beneath said connecting member, said tray supporting means serving for accommodating a removable tray, the latter being intended to serve as table top, when placed over the inner walls and between the upper edges of the plates.

2,131,123
CHAIN MOUNTING FOR REFLECTOR BUTTONS
William H. Searight, Toledo, Ohio, assignor, by mesne assignments, to Western Cataphote Corporation, Toledo, Ohio, a corporation of Ohio
Application August 20, 1934, Serial No. 740,591
7 Claims. (Cl. 40—130)



1. A mounting for reflector buttons comprising a plurality of housings, laterally extending ears on each housing formed with apertures and hollow means extending through said apertures pivotally joining said housings and adapted to receive means for securing said joined housings to a panel.

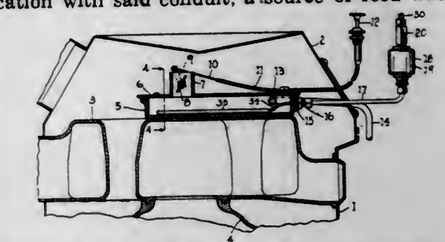
2,131,124
UNITARY BATHROOM STRUCTURE
Orville Smith, Chagrin Falls, Ohio
Application October 30, 1936, Serial No. 108,449
6 Claims. (Cl. 189—1)



5. A prefabricated base structure adapted to be installed as a unit within an existing building and adapted to serve as a foundation for a unitary bathroom structure, piping enclosed in said base structure and adapted to be connected to fixtures in said bathroom, and means to permit said piping to be connected to plumbing in the existing building after the structure has been placed in the existing building.

2,131,125
HUMIDIFIER
Ferris N. Smith, Grand Rapids, Mich.
Application October 14, 1937, Serial No. 169,000
19 Claims. (Cl. 126—113)

1. In combination with a furnace having a radiator, a boiler of shallow construction resting on said radiator, said boiler being provided with a vapor outlet and a feed water inlet, a feed water conduit connected to said inlet and means for controlling the admission of feed water to said conduit and inlet comprising a tube containing a heat responsive fluid extending through said conduit and into said boiler, a housing in communication with said conduit, a source of feed water



supply, a valve cooperating with said housing for controlling flow of water from said source to said housing, and means in said housing responsive to said heat responsive fluid for actuating said valve.

2,131,126
VULCANIZATION OF RUBBER
William P. ter Horst, Packnack Lake, N. J., assignor to United States Rubber Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application April 1, 1931, Serial No. 527,056
6 Claims. (Cl. 18—53)

2. The process of making vulcanized rubber which consists in mixing a vulcanizable rubber composition with a mercaptothiazole accelerator and a mixed oxalate of an aryl substituted guanidine and then heating it.

2,131,127
VULCANIZATION OF RUBBER
William P. ter Horst, Silver Lake, Ohio, assignor to United States Rubber Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application September 18, 1933. Serial No. 690,023
7 Claims. (Cl. 18—53)

1. A method of accelerating the vulcanization of rubber which comprises vulcanizing in the presence of an activatable organic accelerator selected from the class consisting of the mercaptothiazoles, thiuramsulphides and dithiocarbamates and the salt aryl-substituted guanidine and organic acid having the formula

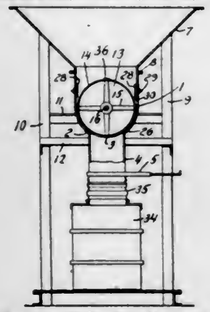
$$\begin{matrix} COOH \\ | \\ C_n—H_{2n} \\ | \\ COOH \end{matrix}$$

wherein n is a number not less than 1.

2,131,128
APPARATUS FOR GRANULATING FRIABLE MATERIAL
Irving T. Thornton, Buffalo, N. Y., assignor to National Aniline and Chemical Company, Inc., New York, N. Y., a corporation of New York
Application December 16, 1935, Serial No. 54,697
4 Claims. (Cl. 83—93)

2. Apparatus for breaking friable material to produce substantially uniform grains of predetermined size free from dust and fines, comprising a rotating cylinder having a wire screening surface, means for feeding said friable material to the upper exterior surface of said cylinder, a breaker bar substantially parallel to the surface of said cylinder and spaced therefrom a distance in accordance with the size grains desired, said bar being adjacent the upper half of said cylinder whereby friable material fed to

said drum will be initially sifted by gravity, and the residual material, conveyed by the cylinder

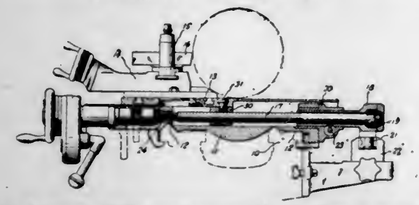


to the breaker bar, will be broken and then sifted into the cylinder by gravity.

2,131,129
CROSS FEED MECHANISM FOR LATHES

Alexander G. Whitehead, East Hartford, Conn., assignor to Niles-Bement-Pond Company, Hartford, Conn., a corporation of New Jersey

Application June 8, 1937, Serial No. 147,078
6 Claims. (Cl. 82—24)

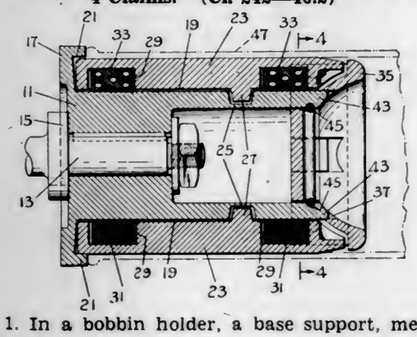


1. A cross slide mechanism for lathes comprising in combination, a carriage, a slide movable thereon, a screw rotatably mounted in said carriage engaging a nut on said slide, a member having a hand wheel thereon mounted for rotation with said screw whereby said slide may be moved by rotation of said member, a pinion on said member meshing with a gear rotatably mounted in said carriage, an arcuate slot formed in said gear, an abutment engaging said arcuate slot, frictional means to retain said abutment in position, and manual means to vary said frictional means.

2,131,130
THREAD WINDING APPARATUS

Ellsworth M. Wilson, Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application December 22, 1936, Serial No. 117,174
4 Claims. (Cl. 242—46.2)

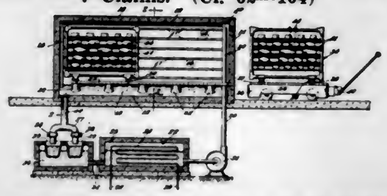


1. In a bobbin holder, a base support, means for mounting said support on a spindle, a plurality of resiliently supported bobbin contacting members, some of said contacting members having supports of greater resiliency than the other contacting members, whereby to aid in holding a bobbin concentrically of said spindle.

2,131,131
APPARATUS FOR REFRIGERATION

Mikail T. Zarotschenzeff, Rochester, N. Y., assignor, by mesne assignments, to Z Pack Corporation, Jersey City, N. J., a corporation of Delaware

Application August 3, 1935, Serial No. 34,570
7 Claims. (Cl. 62—104)

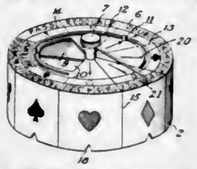


1. In a refrigerating apparatus including a chamber, a carrier movable into said chamber and having a series of shelves supporting food products, and means on said carrier for discharging refrigerating media to contact the food products carried thereon substantially on all surfaces thereof.

2,131,132
VISIBLE BIDDER

Brayton Alphonso Alderman, Atlanta, Ga.

Application January 31, 1935, Serial No. 4,333
3 Claims. (Cl. 273—148)



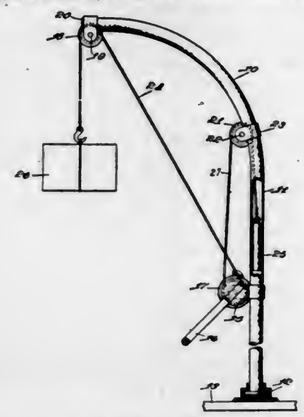
1. A bidding device comprising a hollow stationary member having a sight opening in the side thereof, a hollow movable member telescopically mounted in the stationary member and detachable therefrom, each member having bidding indicia thereon and some of the indicia of the movable member arranged for selective showing through the sight opening, means for holding the movable member against rotation relative to the stationary member with the selected indicia in registration with the sight opening, said holding means being releasable upon lifting the movable member, a shaft extending through and movable independently of the movable member, a collar on the shaft, a sleeve secured to and rising centrally from the stationary member, said shaft being rotatably mounted in the sleeve and cooperating therewith and the collar for supporting and centering the movable member with respect to the stationary member, a knob on the shaft, and a pointer for indicating certain of the indicia and carried by the knob.

2,131,133
HOISTING DEVICE

Henry B. Babson, Chicago, Ill., assignor to Babson Bros., a corporation of Illinois

Application July 28, 1937, Serial No. 156,225
2 Claims. (Cl. 212—49)

1. In a lifting device, a winch, means for preventing movement of the winch in one direction, a rope wrapped about the winch a few turns and held thereon substantially solely by its frictional engagement therewith, one end of said rope being adapted to be attached to a relatively heavy object to be lifted, and the other end attached to a

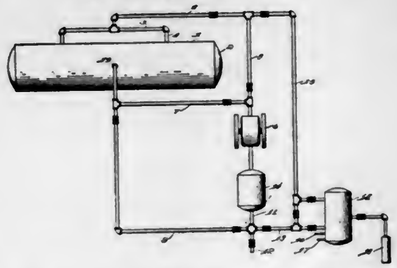


relatively small weight holding the rope in frictional engagement with the winch, the number of turns of rope upon the winch being large enough to maintain proper friction, and small enough that upon release of the small weight, the frictional engagement thereof will be released.

2,131,134
FUMIGATION

John M. Baer, Chicago, Ill., and Earl P. Collins, Little Neck, Long Island, N. Y., assignors of one-half to Guardite Corporation, a corporation of Illinois, and one-half to Carbide & Carbon Chemicals Corporation, a corporation of New York

Application November 18, 1935, Serial No. 50,468
6 Claims. (Cl. 21—58)

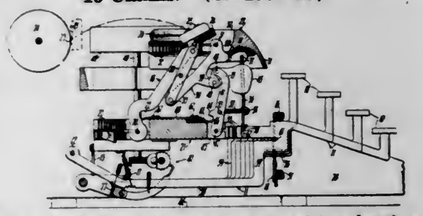


5. The method of fumigation of organic products characterized by exhausting an enclosed chamber containing objects to be fumigated to an absolute pressure of the order of half an inch of mercury, admitting to the chamber a mixture of a plurality of fumigating gases one of which is preferentially absorbed by an object to be fumigated, the gases being admitted in an amount sufficient to raise the pressure in the chamber to at least as high as the order of five pounds absolute, whereby the residual gas and the fumigating gases become thoroughly mixed, and passing gases which in travel to a distance from their entrance have become deficient in the preferentially absorbed gas, over absorbing objects closer to the gas entrance.

2,131,135
TYPEWRITING MACHINE

William A. Dobson, Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware

Application December 14, 1934, Serial No. 757,515
15 Claims. (Cl. 197—25)

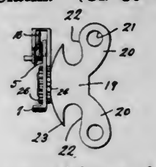


7. In a front-print writing machine having a platen, a system of upstanding swinging type-bars having types at their upper ends and pivoted at their lower ends, a system of key-levers below the type-bars, power-links extending upwardly from the key-levers, type-bar power-levers radially arranged and articulated to the upper ends of said links, radial toggle-links connecting said power-levers to said type-bars to enable the key-levers to swing the type-bars to the platen, stops for the key-levers, and weighted supplemental toggles anchored to the framework and pivoted to said power-levers to be speeded thereby, to continue in motion after the arrest of their key-levers, to cause the supplemental toggles to effect supplemental type-pressure, each of the link-connections between the key-levers and the radial power-levers being sufficiently loose to permit supplemental type-pressure to be produced by the supplemental toggle after the arrest of the key-lever by its stop.

2,131,136
CAN OPENER

Charles G. Fawkes, Denver, Colo.

Application September 15, 1936, Serial No. 100,950
1 Claim. (Cl. 30—15)



A can opener comprising a plate having a lateral lug to ride on a can rim, a turnable handle connected with the plate, a toothed wheel fixed to said handle and disposed at the outer side of the plate, a toothed traction wheel fixed to the handle and disposed at the inner side of the plate, a saddle straddling and pivotally connected to the plate and having an outer portion adapted to cooperate with the first-named toothed wheel, and equipped on its inner portion with can cutting means, and spring means housed within the saddle and arranged to normally and yieldingly hold the saddle against said lateral lug.

2,131,137
WASHING PROCESS FOR TEXTILE MATERIALS

Ehrhart Franz, Leipzig, Germany

No Drawing. Application December 12, 1933, Serial No. 702,031. In Germany December 13, 1932
1 Claim. (Cl. 87—5)

The process of removing pitch from a textile material comprising steeping the material in a liquid higher fatty acid softener for pitch of a

quantity exceeding the material in weight until the pitch has become friable when the material is rubbed between fingers, removing so much of the acid as can be mechanically removed, rendering the remaining acid water-soluble by introducing an aqueous alkaline solution to saponify the same, and then washing off the saponified acid together with the pitch emulsified therein.

2,131,138
TREATED LUBRICANT

Albert Ernst Ganzert, Chicago, Ill., assignor to Ernest C. Shaw

No Drawing. Application December 11, 1935, Serial No. 53,999
4 Claims. (Cl. 87—9)

1. A lubricant of the character described, having a low coefficient of friction and adapted to form a persistent film stable under high temperatures and pressures, including; a hydrocarbon adapted to be used as a liquid lubricant; from three-tenths to five per cent of aluminum stearate; and less than one-twenty-fifth as much zinc oxide and less than one-fifth as much zinc stearate.

2,131,139
RECLAIMED LUBRICANT

Albert Ernst Ganzert, Chicago, Ill., assignor to Ernest C. Shaw

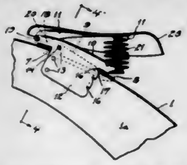
No Drawing. Application January 31, 1936, Serial No. 61,839
6 Claims. (Cl. 87—9)

1. The method of reclaiming used lubricants containing self-generated acids and colloidal impurities which comprises incorporating with the lubricant an alkali metal salt of an acid of aluminum to neutralize the said acids and form the hydroxide of the amphoteric metal, and thereafter separating from the lubricant the colloidal impurities and the hydroxide, allowing the salts formed in the neutralization to remain in the lubricant.

2,131,140
CYCLE SADDLE

Herman L. Kraeft, Cleveland, Ohio, assignor to The Murray-Ohio Manufacturing Co., Cleveland, Ohio, a corporation of Ohio

Application June 10, 1935, Serial No. 25,753
15 Claims. (Cl. 155—5.10)



1. In a cycle having a hollow back-bone member with an opening in the top wall thereof, upstanding flanges associated with said opening and disposed at opposite sides of it, a sheet-metal bracket having a flange adapted to enter the opening, said bracket flange being carried on the aforesaid flanges, and a saddle supported by the bracket.

2,131,141
THERAPEUTICALLY ACTIVE AMIDINES

Karl Miescher, Riehen, near Basel, and Ernst Urech, Basel, Switzerland, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland

No Drawing. Application June 15, 1936, Serial No. 85,435. In Switzerland, June 21, 1935
3 Claims. (Cl. 269—564)

1. Phenyloxy-alkylene-amidines unsubstituted in the phenyl nucleus and substituted in the amino group of the amidine group by a radical selected from the group consisting of alkyl, phenalkyl and alkyl amino alkyl, the alkyl radicals being of the lower aliphatic series.

2,131,142
ADDITION PRODUCTS OF GLYCIDE

Ludwig Orthner, Frankfort-on-the-Main, and Claus Heuck, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

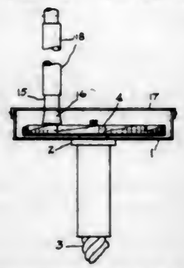
No Drawing. Application April 15, 1936, Serial No. 74,594. In Germany March 2, 1932
3 Claims. (Cl. 260—482)

1. Addition products of at least 1 molecular quantity of glycide and of 1 molecular quantity of another organic compound containing a radical bearing reactive hydrogen selected from the group consisting of hydroxy, amino, carboxylic, carboxylic acid amide and sulfonic acid amide radicals, said addition products having been further reacted with an amount of alkylene oxide other than glycide that will render them substantially more hydrotropical and being colorless or weakly colored wax-like or oily substances suitable as auxiliary products for the textile industry.

2,131,143
ABRASIVE PROJECTING APPARATUS

Nelson J. Quinn, Toledo, Ohio, assignor of one-half to Horace B. Fay, Shaker Heights, Ohio

Application September 23, 1935, Serial No. 41,653
6 Claims. (Cl. 51—9)



3. In sand projecting mechanism of the character described, a rotatable shaft, a disk mounted thereon, a comparatively thick layer of yieldable composition secured to said disk and composed of alternate layers of a fibrous web and an amorphous resilient material, notches cut in said yieldable layer and extending from a region adjacent the shaft to the periphery thereof, means to feed abrasive to said yieldable layer where it will be picked up by said notches and projected at the periphery of the notches upon rotation of the disk.

2,131,144
HEXAMETHYLENETETRAMINE N BISMUTH IODIDE

Oscar George Salb, Seymour, Ind., assignor to Salb Laboratories, Inc., Indianapolis, Ind., a corporation of Indiana

No Drawing. Application June 13, 1932, Serial No. 617,057
8 Claims. (Cl. 260—237)

5. A compound for therapeutic use, consisting of hexamethylenetetramine bismuth iodide in the form of red crystals, insoluble in water and in a number of the usual organic solvents, and being a valuable anti-syphilitic for oral administration.

2,131,145
PROCESS FOR INCREASING THE REACTIVITY OF NATURALLY OR ARTIFICIALLY SHAPED ARTICLES OR MATERIALS AND PRODUCT OBTAINED THEREBY

Paul Schlack, Berlin-Treptow, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany, a corporation of Germany

No Drawing. Application September 12, 1935, Serial No. 40,352. In Germany September 15, 1934
9 Claims. (Cl. 8—120)

1. A process for increasing the reactivity of a structured protein material towards treating agents of acid character which comprises subjecting the material to the action of an alkylating agent selected from the group consisting of alkylene oxides, alkylene imines and alkylene sulfides under conditions not involving a change of structure of the parent material, whereby there is produced a water-insoluble proteinous article of the same physical form as said parent material.

2,131,146
TREATMENT OF MATERIALS FOR VARYING THEIR AFFINITY

Paul Schlack, Berlin-Treptow, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany, a corporation of Germany

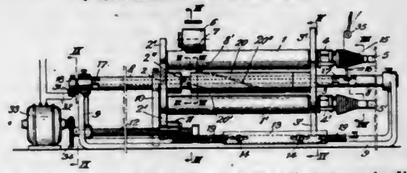
No Drawing. Application December 5, 1935, Serial No. 53,004. In Germany December 8, 1934
14 Claims. (Cl. 8—5)

1. A process of increasing the affinity for acid dyestuffs of wool, natural silk, leather, artificial fibers containing a basic artificial resin, and artificial fibers containing a basic cellulose derivative, which comprises subjecting the material to the action of an alkylating agent selected from the group consisting of reactive alkyl esters and diazoparaffines.

2,131,147
COP WINDING MACHINE

Walter Siegenthaler, Erlenbach-Zurich, Switzerland, assignor to the firm Schärer-Nussbaumer & Co., Erlenbach-Zurich, Switzerland

Application December 11, 1936, Serial No. 115,419
In Switzerland December 17, 1935
7 Claims. (Cl. 242—27)

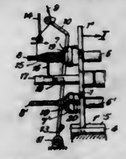


1. In a winding frame, at least two winding spindles alternately movable into winding position, a common rotatably arranged feed carriage for said spindles, means for producing a winding on the spindle moved into said winding position by rotation of said carriage, a feeler cooperating with said winding in progress at said winding position, a threaded carriage feed spindle, a threaded coupling member on said carriage cooperating with said spindle for feeding said carriage step by step in dependence on the adjustments of said feeler during said winding operation, carriage rotation means cooperating with said coupling member for disengaging the same from said spindle on the termination of said winding by automatic control of said feeler, and means for returning said carriage into initial position in the opposite direction to its feed while said rotation means rotate said carriage for removing said wound spindle from and moving an empty spindle into said winding position through circular paths.

2,131,148
WINDING DEVICE FOR WINDING MACHINES

Walter Siegenthaler, Erlenbach-Zurich, Switzerland, assignor to the firm Schärer-Nussbaumer & Co., Erlenbach-Zurich, Switzerland

Application December 11, 1936, Serial No. 115,420
In Switzerland December 28, 1935
3 Claims. (Cl. 242—27)

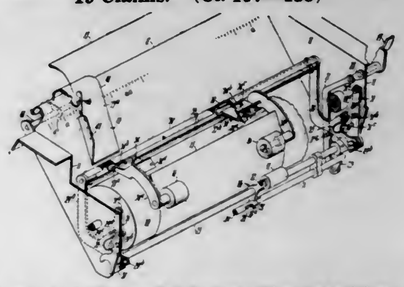


1. In a winding device for winding machines, winding spindles alternately movable into a winding position, a spool mounted on the winding spindle occupying said winding position for receiving a winding of thread-like material, a thread catch and a correlated thread deflector associated with the individual winding spindle, means for simultaneously feeding an empty spool, mounted on a second winding spindle to, and discharging said wound spool, mounted on said first spindle from, said winding position through circular paths incidental to which said thread deflector associated with said first spindle deviates the discharging circularly moving thread end portion onto the path of said thread catch associated with said empty spool to be directed by said catch onto the latter spool having arrived at said winding position.

2,131,149
TYPEWRITING MACHINE

Jesse A. B. Smith, Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware

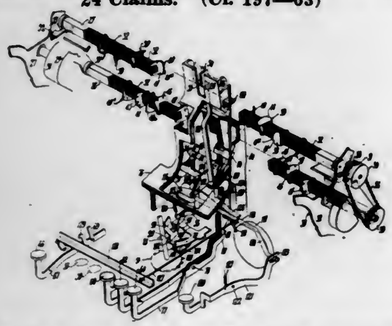
Application May 3, 1935, Serial No. 19,640
19 Claims. (Cl. 197—138)



9. In a front-strike typewriting machine, the combination with a revoluble platen and a frame therefor, of a rod or bar in rear of the top of the platen, rolls riding on the platen above the printing-line and directing the paper back to deliver it rearwardly over said rod from the top of the platen, said rolls being mounted upon the forward ends of arms which extend rearwardly over the platen to the rear thereof, the roll-arms being mounted at only their rear ends upon said rod, to be independently adjustable thereon lengthwise of the platen, and a bail including side arms hinged at their lower ends to the platen-frame and also including said rod at their upper ends, said rolls, roll-arms and bail form-

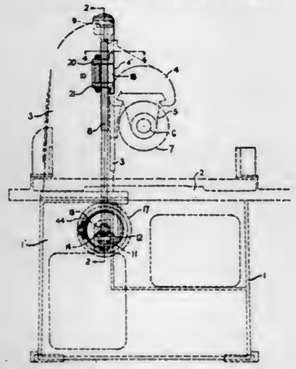
ing a unit which is swingable upon the ball-hinge forwardly over the platen to carry the rolls away from the platen to leave a gap for the passage of the leading end of the sheet under the rolls as it rises above the printing-line.

2,131,150
TYPEWRITING MACHINE
Jesse A. B. Smith, Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application November 15, 1935, Serial No. 49,863
24 Claims. (Cl. 197—63)



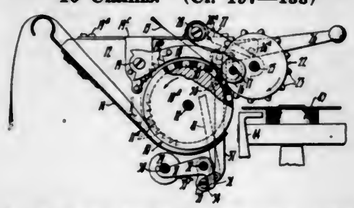
12. In a typewriting machine, the combination with a carriage having a pair of square shafts rotatably mounted on said carriage, with means synchronizing the rotation of said shafts, and a series of letter-spaced indentations on the periphery of said shafts, of pairs of margin-stops slidably fitted in the indentations on one of said shafts, a counter-stop operatively engaging said margin-stops for limiting the lateral movement of said carriage, a plurality of intermediate stops slidably fitted in the indentations on the other of said shafts, a plurality of counter-stops operatively engaging said intermediate stops for determining the intermediate locations of said carriage, means rotating said shafts into their operative positions, and means retaining said shafts in one of said operative positions.

2,131,151
GRINDING MACHINE
Herbert F. Smith, Springfield, Ohio
Application June 3, 1938, Serial No. 211,641
8 Claims. (Cl. 51—166)



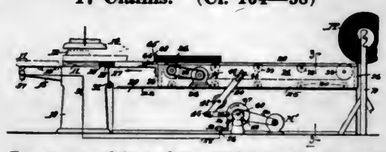
1. In a screw operated raising and lowering mechanism, a weight supporting element, a screw, devices for rotating said screw, a series of grooved rolls supporting said element meshed with the threads of said screw together with anti-friction bearings between said element and rolls, and a friction brake for the revoluble parts.

2,131,152
TYPEWRITING MACHINE
Burnham C. Stickney, Hillside, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application May 14, 1935, Serial No. 21,360
10 Claims. (Cl. 197—133)



1. In a front-strike typewriting machine, a sheet-feeding couple having, in combination, a revoluble platen having at its ends circumferential rows of perforations, and a pair of wheels having impaling pins to fit in marginal holes formed in the work-sheet that is fed between the pin-wheels and the platen, the pins on the wheels meshing with the holes in the platen.

2,131,153
MACHINE FOR CUTTING SHEET MATERIAL
Walter I. Stone, Worcester, Mass., assignor of one-half to John J. Adams, Shrewsbury, Mass.
Application June 14, 1937, Serial No. 148,160
17 Claims. (Cl. 164—58)

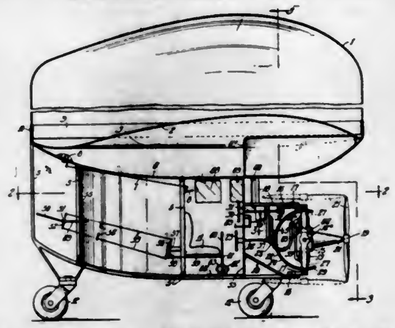


7. In a machine for cutting sheet material having a base, a cutting block and a cutting head, that improvement which consists in providing a carriage to support said sheet material, means to support and guide said carriage, means to connect said carriage to said cutting block, automatic means to give said carriage and cutting block and the sheet material thereon a single complete rearward and forward reciprocation as a unit relative to said cutting head and to bring said parts to rest in forward position, and said automatic means including a lost-motion device which provides a dwell between the rearward and forward movements of said parts.

2,131,154
COLORED PLASTIC MASS AND PROCESS OF MAKING THE SAME
Fritz Straub and Hans Mayer, Basel, Switzerland, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland
No Drawing. Application February 3, 1936, Serial No. 62,232. In Switzerland February 6, 1935
2 Claims. (Cl. 106—37)

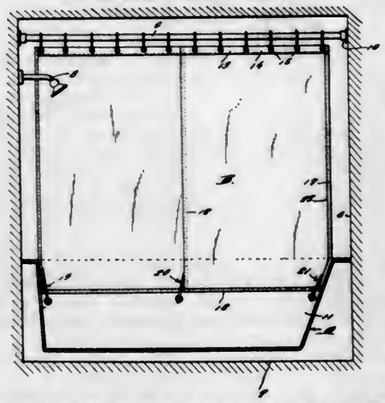
1. A fast colored composition of matter consisting of a nitrocellulosic plastic mass and a complex metal compound of a logwood-extract.

2,131,155
AIRCRAFT
Charles W. Waller, Chicago, Ill.
Application November 27, 1935, Serial No. 51,829
20 Claims. (Cl. 244—56)



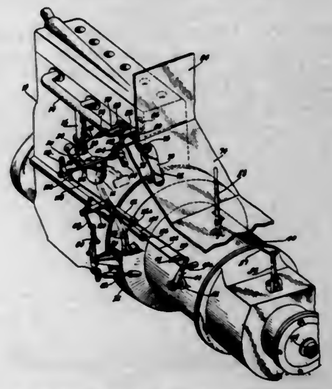
12. In an airship, an enclosed car body having a rudder disposed at one exterior end thereof and an outrigged mounting provided with a vertical transverse frame disposed at the other exterior end thereof and pivotally supporting a motor and propeller, said motor connected to a vertical longitudinally arranged sector having teeth on one side adapted to mesh with a spur gear connected to a hand wheel interior of said car body, a guide member in frictional contact with the untoothed side of said sector, a flexible feed connection between said motor and a carburetor detached from said motor, a flexible air-duct connected to an air scoop disposed to the rear of said propeller and exposed to the slip-stream thereof, a fuel tank, a throttle interior of said car body, and said frame adapted to support and simultaneously rotate said motor, propeller and scoop in a semi-circular vertical plane on a transverse horizontal axis by means of said hand wheel, whereby said propeller, when actuated by said motor is adapted to cause said airship to be propelled forwardly, or to vertically ascend or descend.

2,131,156
SHOWER CURTAIN POSITION RETAINER
James W. Yardley, Chicago, Ill.
Application February 2, 1937, Serial No. 123,675
1 Claim. (Cl. 4—149)



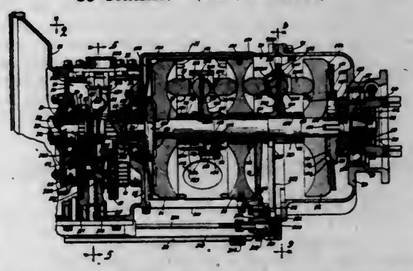
A shower bath curtain adapted to be mounted at its upper edge for sliding movement on a horizontal support over a bath tub and with its lower portion suspended in said tub, and means for holding said lower portion against an inner face of said tub including elastic straps secured at one end to said curtain above the lower edge thereof to extend over and below the lower edge of the curtain on the inside thereof and suction cups on the other ends of said straps.

2,131,157
CONTROL FOR VARIABLE SPEED POWER TRANSMISSIONS
John O. Almen, Royal Oak, and Harry Hawkins, Highland Park, Mich., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application March 9, 1931, Serial No. 521,324
33 Claims. (Cl. 74—472)



1. In a motor vehicle the combination of an internal combustion engine with an infinitely variable speed ratio transmission; means for regulating the speed of the engine; means for automatically varying the ratio of the transmission at engine speeds above and below a predetermined high and intermediate engine speed and means controllable by the operator to vary the transmission ratio at engine speeds between said high and intermediate speeds while the means for regulating the engine speed is held adjusted to a predetermined limit.

2,131,158
CONTINUOUSLY VARIABLE TRANSMISSION
John O. Almen, Royal Oak, and Jacob Ehrlich, Detroit, Mich., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application February 3, 1932, Serial No. 590,534
59 Claims. (Cl. 74—190.5)



1. In power transmitting mechanism, the combination of prime mover mechanism; axially alined power input and power output shafts; a

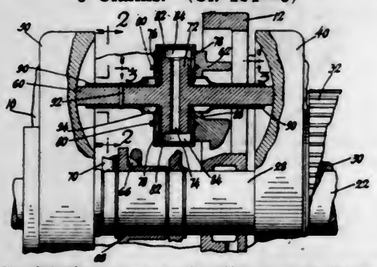
variable speed-ratio frictional power transmitting unit for rotating the power output shaft; means for driving the frictional power transmitting unit from the power input shaft; a selective gear power transmitting unit for driving the power input shaft; means for selectively coupling the power input shaft to the prime mover mechanism; means for lubricating the elements of the frictional power transmitting unit including a pump; a speed responsive governor, means controlled by the governor operative to vary the speed ratio of the frictional power transmitting unit; a driving element on the prime mover mechanism, driving connections therefrom to the pump, and driving connections from the selective gear power transmitting unit to the governor.

2,131,159

COOLING TRANSMISSION ROLLERS

John O. Almen, Royal Oak, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application May 11, 1934, Serial No. 725,039
6 Claims. (Cl. 184—6)



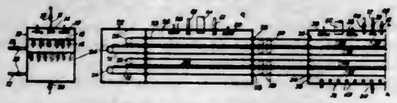
1. In friction race and roller power transmission mechanism, the combination of a race, a roller in tractive engagement therewith, means for conducting liquid to and depositing it on a face of the roller adjacent its axis, and a plate spaced from said roller face adapted and arranged to confine and spread the liquid in sheet form between it and said roller face.

2,131,160

TOBACCO AND METHOD OF TREATING TOBACCO

Souren Z. Avedikian, New York, N. Y.

Application March 30, 1935, Serial No. 13,837
19 Claims. (Cl. 131—55)



1. A method of treating cured tobacco which comprises effecting substantial bleaching of tobacco by exposure of cured tobacco in the presence of a substantial quantity of moisture to oxide of nitrogen, said oxide of nitrogen being the primary bleaching agent.

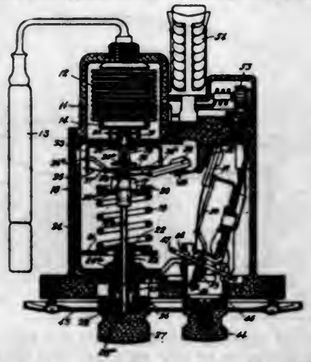
2,131,161

ADJUSTABLE CONTROL FOR REFRIGERATORS

Frank J. Bast, Queens Village, N. Y., assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y., a corporation of New York

Application November 21, 1933, Serial No. 698,967
14 Claims. (Cl. 200—83)

1. In an automatic refrigerator, a controller for maintaining the temperature or pressure at a selected place within predetermined limits, means for adjusting the range of the temperatures or pressures maintained by the controller, means providing a gap adjustable for increasing the differential of said temperatures or pressures as



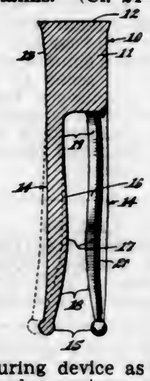
the range is raised and decreasing the differential as the range is lowered, said controller including a single snap-action governing means having a portion arranged to operate within the adjustable gap.

2,131,162

LINE SECURING DEVICE

Edward C. Behnke, Chicago, Ill.

Application October 3, 1936, Serial No. 103,822
4 Claims. (Cl. 24—129)



1. A line securing device as described having a general triangular contour and a central bore and radial recesses merging therewith, whereby to define three legs, said legs each having its inner face flattened and the faces on each side thereof extending in obtuse angled relation also flattened, the inner flattened face of each leg being disposed substantially parallel to the last mentioned flat faces of the legs opposite thereto.

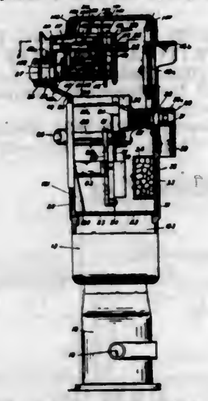
2,131,163

COIN CONTROLLED BINOCULARS

Arthur F. Casey, South Norwalk, Conn., assignor to The Tower Optical Company, Inc., Norwalk, Conn., a corporation of Connecticut

Application January 31, 1934, Serial No. 709,091
5 Claims. (Cl. 88—34)

1. In a coin controlled optical mechanism, a housing, a binocular mechanism in said housing having relatively movable eye and objective lens carrying portions and a screw adjusting means for moving said portions relative to each other, a movable support for said binocular mechanism fixed to said objective lens portion and slidable therewith, an adjusting and supporting shaft extending into said housing and having a connection to operate said screw adjusting means to move the objective lens carrying portions rela-



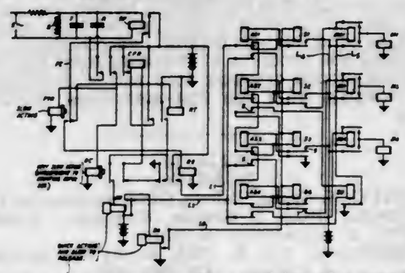
tively to said eye lens carrying portions, and means between said shaft and said movable support whereby rotation of said adjusting and supporting shaft moves said support at the same speed as the movement simultaneously transmitted to said objective lens carrying portions by the screw adjusting means.

2,131,164

REMOTE SELECTIVE CONTROL SYSTEM

Louis L. E. Chauveau, Paris, France, assignor to Compagnie Generale de Telegraphie sans Fil, a corporation of France

Application November 22, 1935, Serial No. 51,039
In France November 27, 1934
5 Claims. (Cl. 177—353)



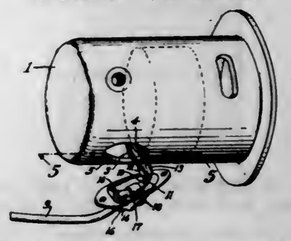
1. In a selective signaling and impulse counting system, a signal responsive means including a resonant circuit normally tuned to a marking signal frequency and at times tunable to a spacing signal frequency, means operable after the reception of a marking signal of predetermined duration while said responsive means is adjusted to its normal tuning condition for shifting the frequency response thereof, means operable after the reception of a spacing signal of predetermined duration while said responsive means is adjusted to the spacing signal frequency for restoring said responsive means to its normal tuning condition, and means including a plurality of individually responsive electro-magnetic units each selectively actuable by the signal responsive means in cooperation with the other said means, for counting the number of recurrences of marking and spacing signals of predetermined duration.

2,131,165

ELECTRIC CONNECTION

William J. Clements, Chicago, Ill., assignor to Clements Manufacturing Company, Chicago, Ill., a corporation of Illinois

Application November 10, 1937, Serial No. 173,743
2 Claims. (Cl. 247—9)



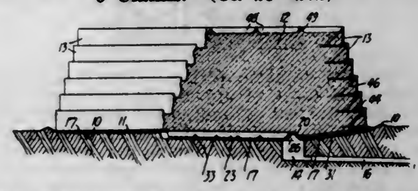
1. In combination, a motor housing for vacuum cleaners and the like, a motor in said housing, said housing having an aperture in its wall, a closure for said aperture, means for removably securing said closure in relation to said aperture, a plurality of leads extending from said motor toward said aperture, said leads being of sufficient length to extend outwardly through said aperture a substantial distance, a cord for said motor housing, adapted to extend to any suitable source of commercial electric power, said cord including a plurality of conductors, means for removably securing the conductors of the cord to the leads of the motor, and a readily removable connection between said closure and said cord and leads, adapted to secure said cord and leads to the inner face of said closure, said connection and the connections between the conductors of the cords and the motor leads being substantially exterior to said housing when the closure is removed from the housing, and being thereby positioned for ready access by the operator.

2,131,166

ORE LEACHING APPARATUS

Harrison S. Coe, Palo Alto, Calif.

Application March 22, 1937, Serial No. 132,320
6 Claims. (Cl. 23—272)



4. In an apparatus for the leaching of ore, a supporting ground surface, a substantially impervious membrane extending above said ground surface, a layer of porous granular material above said impervious layer, and drainage channels spaced at intervals through said pervious layer and above said impervious layer.

2,131,167

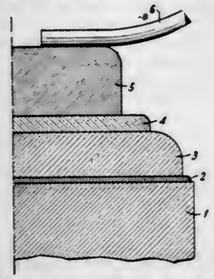
ASYMMETRIC ELECTRODE SYSTEM

Jan Hendrik de Boer, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands

Application November 20, 1936, Serial No. 111,866
In Germany November 22, 1935
6 Claims. (Cl. 175—366)

1. An electrode system of unsymmetrical conductivity including any metal base which can be

amalgamated and a layer of selenium on said



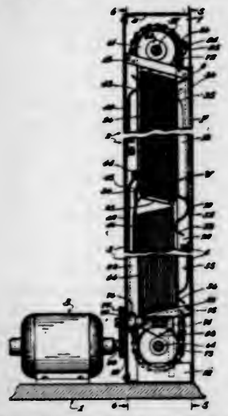
base and an amalgam layer of said metal base between said base and said layer of selenium.

2,131,168

ADVERTISING MACHINE

August D. Eltzen, Rockville Centre, N. Y., assignor of three-fourths to News Projection Corporation, New York, N. Y., a corporation of New York

Application September 7, 1934, Serial No. 743,039
Renewed September 15, 1936
10 Claims. (Cl. 40—36)



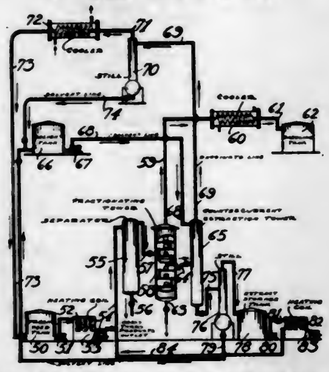
1. The combination with a casing having two parallel end walls, of upper supports, lower supports, card holders extending the full width from end wall to end wall of said casing divided into two groups, one group having its lower edges mounted to ride on said upper supports substantially parallel to said walls and another group having its lower edges mounted to ride on said lower supports inclined to said walls, one of said walls having a window frame extending inwardly in alinement with the display face of a card in the card holder at the end of one of said groups, actuating means moving across the faces of the ends of the card holders outwardly of said rail edges for successively feeding the card holders from one group to another and back again, vertically extendng rail edges extending the length of the combined height of the upper and lower group of card holders and along the lateral sides of said window frame, and spring arms for engaging the upper and lower trailing face of the last card holder of one group to press the advance face of said group into engagement with the inner face of the rail edges along said window frame and cooperating with said actuating means successively to expose the display faces of the cards held by said card holders at said window, said spring arms having cam faces adjacent their engagement with the card holders to facilitate movement of the card holders from one group to another.

2,131,169

CRACKING AND EXTRACTING HYDROCARBON OILS WITH A SELECTIVE SOLVENT

Edward F. English, Baton Rouge, La., assignor to Standard Oil Development Company, a corporation of Delaware

Application November 21, 1934, Serial No. 754,026
1 Claim. (Cl. 196—50)



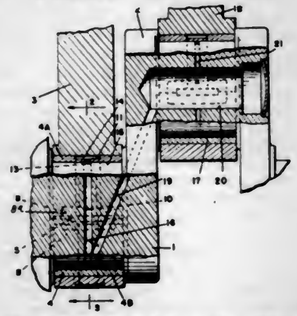
The process of converting a gas oil into hydrocarbons boiling within the gasoline range which comprises subjecting the gas oil to cracking under conditions suitable for the production of a mixed product containing gasoline and cycle oil, extracting the cycle oil with a selective solvent for aromatic hydrocarbons whereby a raffinate and an extract are obtained, combining the raffinate with the initial gas oil to be cracked, subjecting the extract to cracking at a higher temperature than that maintained in the first cracking step to produce a gasoline of high octane number and higher boiling hydrocarbons, and merging the products of cracking from the second-mentioned cracking step with the products of cracking from the first-mentioned cracking step.

2,131,170

BEARING

Robert G. N. Evans, Toledo, Ohio, assignor to The Bunting Brass & Bronze Company, Toledo, Ohio, a corporation of Ohio

Application July 8, 1935, Serial No. 30,368
8 Claims. (Cl. 308—122)



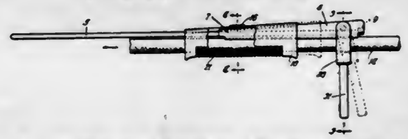
1. A bearing having an inner bearing surface for a shaft provided with a passage therein, said bearing having a lubricant supply groove in the outer surface thereof extending partially circumferentially of the bearing and periodically communicating with said passage in the shaft through an opening in the bearing surface, and lubricant receiving sumps in said bearing surfaces at opposite ends of the groove and communicating with the latter.

2,131,171

CONDUCTOR CLAMPING MEANS

William G. Fotsch, Chicago, Ill., assignor to Reliable Electric Co., Chicago, Ill., a corporation of Illinois

Application July 15, 1936, Serial No. 90,698
2 Claims. (Cl. 24—136)



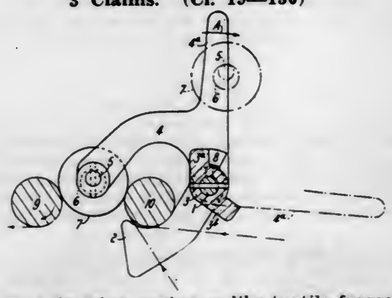
1. A conductor clamping device of the character described comprising an inner clamping jaw member having side flanges which increase in width from one end toward the other thereof, a mounting member carried by said jaw for mounting the jaw upon a support, an outer U-shaped clamping jaw member having side flanges provided with grooves adapted to receive the side flanges of the first named jaw whereby to telescope the two clamping jaw members, said inner jaw member having guide means overlying said grooved side flanges whereby to hold the two clamping jaw members together in position to receive a conductor freely therebetween.

2,131,172

DRAWING FRAME, ROVING FRAME, AND LIKE TEXTILE FRAMES

Gordon Scott Fraser, Arbroath, Angus, Scotland, assignor to Douglas Fraser & Sons Limited, Arbroath, Angus, Scotland, a corporation of Great Britain

Application March 19, 1938, Serial No. 196,822
In Great Britain February 27, 1937
3 Claims. (Cl. 19—130)



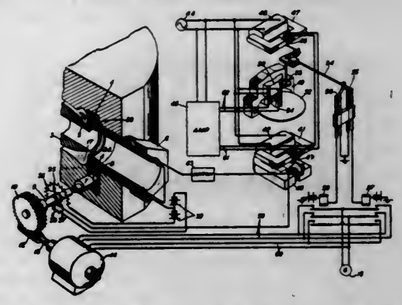
1. In a drawing, roving or like textile frame, in combination with retaining rollers, slip rollers co-operating with said retaining rollers, each slip roller formed with an axial bore, a lever for lifting each of said slip rollers, said lever presenting a laterally projecting pin which enters with substantial clearance the axial bore in the respective slip roller, said slip roller being normally free to co-operate with the associated retaining rollers but adapted to be lifted clear of said retaining rollers on rocking movement of said lever.

2,131,173

CABLE SHEATH EXTRUDING PRESS

Charles H. Greenall, Larchmont, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application February 15, 1936, Serial No. 63,997
13 Claims. (Cl. 207—4)



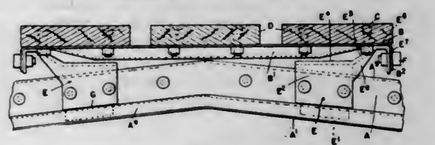
1. A method of controlling the eccentricity of extruded lead cable sheaths comprising measuring the temperature difference of various parts of the sizing die and continuously varying the relative positions of the core tube and the sizing die during the extension cycle in accordance with this temperature difference.

2,131,174

RUNNING BOARD SADDLE CONSTRUCTION

David W. Hawksworth, Birmingham, Mich., assignor to Chicago-Hutchins Corporation, Chicago, Ill., a corporation of Delaware

Application June 15, 1937, Serial No. 148,420
5 Claims. (Cl. 108—5.4)



5. A running board saddle comprising a pair of spaced bracket members having portions located in a common vertical plane extending transversely to the roof, each bracket member having a portion laterally offset from said common plane, and a return-bent portion in a horizontal plane which is symmetrical with respect to said vertical plane, and a plate member extending between said bracket members and supported thereon, said plate being also symmetrical with respect to said common plane.

2,131,175

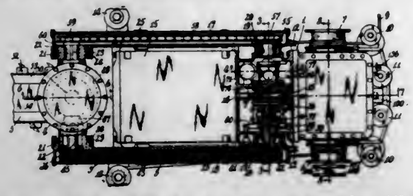
MINING MACHINE

Morris P. Holmes, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts

Application June 18, 1935, Serial No. 27,214
13 Claims. (Cl. 262—28)

7. In a mining machine, a machine frame, an elongated rigid arm structure pivotally mounted on said frame on a horizontal axis to swing in a vertical direction with respect thereto, a cutter support pivotally mounted at the outer extremity of said arm structure to swing with respect thereto about an axis parallel with the arm structure pivot axis, a kerf cutter carried by said cutter

support, means for swinging said arm structure about its pivot, parallel motion means connected to said cutter support and said frame and extending therebetween for maintaining automatically said kerf cutter always parallel to a common straight line during swinging of said arm structure, said parallel motion means including connections mounted on said arm structure to swing therewith, and means associated with an ele-



ment of said parallel motion means for tilting said cutter support about its pivot relative to said arm structure to move said kerf cutter into angularly related cutting planes with respect to said straight line, said tilting means including means for moving said parallel motion connections relative to said arm structure to effect cutter support tilt while the arm structure remains stationary.

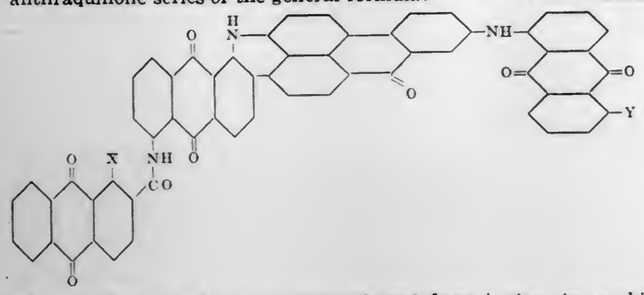
2,131,176
VAT DYESTUFFS OF THE BENZANTHRONYLAMINOANTHRAQUINONE SERIES

Ernst Honold, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Original application July 15, 1936, Serial No. 90,730. Divided and this application November 13, 1937, Serial No. 174,353. In Germany July 17, 1935

4 Claims. (Cl. 260—274)

1. Vat dyestuffs of the benzanthronylaminoanthraquinone series of the general formula:



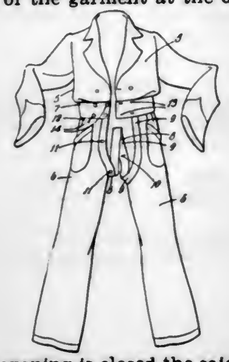
wherein X stands for a member selected from the group consisting of NH_2 and NO_2 and wherein Y stands for a member selected from the group consisting of hydrogen and an anthraquinone-2-carboxylic acid amide radicle substituted in the 1-position by the radicle X which has the above said signification, which dyestuffs dye the vegetable fiber brownish violet shades of very good fastness properties.

2,131,177
WEARING APPAREL

Harry Arthur Horton, London, and Lily Agnes Rose, Eastbourne, England

Application August 15, 1936, Serial No. 96,140
In Great Britain January 1, 1936
2 Claims. (Cl. 2—79)

1. A garment comprising an upper or coat portion joined with a trousers portion at the waist line thereof and having an opening extending downwardly from said waist line through the crotch and up the lower part of the back, the marginal edges of said opening having complementary laterally disposed portions extending throughout the length thereof and inclined in the same direction and at an angle to the vertical center line of the garment at the crotch, so that



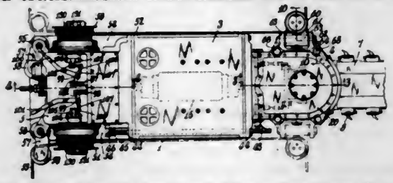
when said opening is closed the said laterally disposed portions interlock with one another at the crotch whereby to maintain said opening closed during wear independently of fastening means and in such manner that ordinary movements do not separate the parts, thus providing a safe and secure closure for ordinary usage.

2,131,178
MINING MACHINE TRANSMISSION MECHANISM

Joseph F. Joy and Leon E. Simmons, Claremont, N. H., assignors to Sullivan Machinery Company, a corporation of Massachusetts

Application March 30, 1936, Serial No. 71,653
9 Claims. (Cl. 262—30)

1. In a mining machine transmission mechanism, in combination, relatively rotatable members to be driven, and motor driven means for independently rotating said members at either high or low speeds including a separate plural speed transmission mechanism for each member

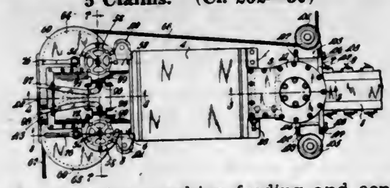


through which it, but not the other member, is driven, each transmission mechanism including high and low speed terminal gears arranged in coaxial relation, a horizontal shaft extending longitudinally of the machine, clutches for selectively connecting said terminal gears in driving relation with said shaft, said shaft extending rearwardly relative to said high and low speed gears, and self-locking worm gearing including a worm fixed to the rearwardly extended portion of said shaft and a worm wheel meshing with said worm, and friction clutches for connecting said worm wheels in driving relation with said members respectively. said friction clutch for one member operative to act as a friction drag brake for variably controlling rotation of said member while the clutches of its transmission mechanism are released and while said other member is being rotated through a terminal gear of its transmission mechanism without releasing the gear-connecting clutch of the latter, said drag brake acting to brake rotation of said member whose rotation is controlled thereby and said worm gearing associated with said member acting as a stationary reaction means for said drag brake.

2,131,179
MINING MACHINE FEEDING MECHANISM

Joseph F. Joy and Cornelius G. Boudette, Claremont, N. H., assignors to Sullivan Machinery Company, a corporation of Massachusetts

Application March 30, 1936, Serial No. 71,655
5 Claims. (Cl. 262—30)



1. In a mining machine feeding and controlling mechanism, feed operating and controlling members respectively adapted to cooperate directly with flexible feeding and controlling connections, and operating and controlling means for said members for effecting rotation of the latter in one direction including self-locking worm gearings individual to each of said members, means for driving either of said worm gearings at will irrespective of the drive of the other, and friction devices for connecting said members for drive by their respective worm gearings when the latter are driven, and for brakingly connecting said members to said worm gearings when the latter are not driven to provide a controlled reverse rotation of said members.

2,131,180
METHOD OF MINING COAL

Joseph F. Joy, Claremont, N. H., assignor to Sullivan Machinery Company, Chicago, Ill., a corporation of Massachusetts

Original application December 2, 1933, Serial No. 700,681. Divided and this application October 7, 1937, Serial No. 167,786
5 Claims. (Cl. 262—1)

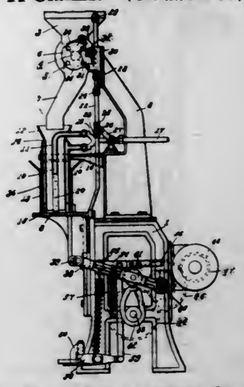


1. A method of mining coal comprising forming a kerf in a mine wall by the swinging movement of a kerf-forming member, retaining the kerf-forming member in said kerf while dislodging the coal, and withdrawing the coal from the mine wall upon said kerf-forming member.

2,131,181
METHOD AND MEANS FOR PACKAGING FOODS

James Kantor, Chicago, Ill., assignor to The Liquid Carbonic Corporation, Chicago, Ill., a corporation of Delaware

Application April 16, 1936, Serial No. 74,626
11 Claims. (Cl. 226—68)

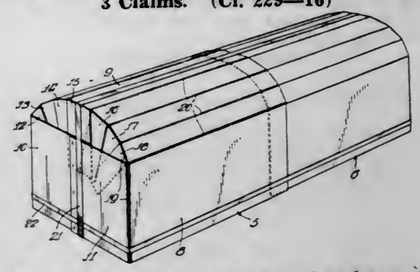


1. The method of packaging food in a container, which consists in filling the container with an inert gas, through a tube inserted in the container to a point near the bottom thereof and delivering into the container the food, through a second tube filled with inert gas from a source separate from the food source and introduced into the container to a point near the bottom thereof.

2,131,182
COVER FOR RECTANGULAR CURVED-TOP ARTICLES

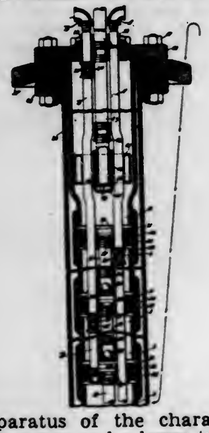
Benjamin F. Kells, Cincinnati, Ohio, assignor to Container Corporation of America, Chicago, Ill., a corporation of Delaware

Application January 18, 1937, Serial No. 121,134
3 Claims. (Cl. 229—16)



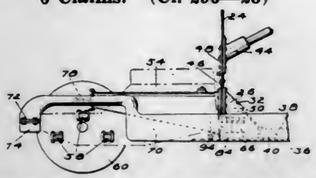
1. A cover for protecting an end and a portion of the top and sides of a substantially rectangular curved-top article, comprising a sheet of bendable material providing top and side panels adapted to engage the top and sides of the article, the top panel being readily bendable to adapt it to fit the curved top of the article, a front closure connecting the side panels and adapted to substantially cover the space between said side panels while leaving an uncovered space just below the top, and flaps adapted to extend from the top panel to said front closure, and to completely cover the remaining space, said flaps comprising extensions of the top panel and being of sufficient length to enable the same when folded down to lie inside the upper edge of said front closure.

2,131,183
APPARATUS FOR LIFTING LIQUIDS
Frederick E. Key, St. Louis, Mo.
Application July 5, 1935, Serial No. 30,007
4 Claims. (Cl. 103—239)



1. In apparatus of the character described, including an upper and a lower tubular chamber adapted to be inserted in a well and a plurality of vertical tubes inside said chambers, a cylindrical connecting member having its ends threaded respectively to the adjacent ends of the chambers, a conical seat intermediate said threaded connections, a rigid conical wall member on said seat, a jamb nut threaded interiorly in said connecting member and positioned to hold said wall member on said seat, orifices in said wall member, and means for anchoring said tubes to said wall.

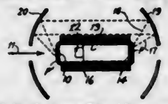
2,131,184
VEHICLE
Victor W. Kliesrath, South Bend, Ind., assignor to The Steel Wheel Corporation, Chicago, Ill., a corporation of New York
Original application January 5, 1934, Serial No. 705,315. Divided and this application April 30, 1936, Serial No. 77,111
6 Claims. (Cl. 296—28)



1. A vehicle having side members, a vertical dash member carried by the side members, an inclined toe-board secured to the rear face of the dash member, generally-triangular gussets secured between the dash and the toe-board, and a bottom plate secured to the lower portions of the side members and the bottoms of the gussets.

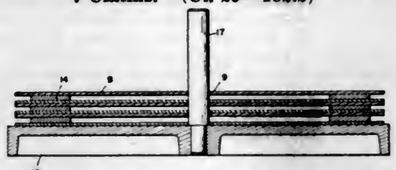
2,131,185
ELECTROOPTICAL DEVICE
Max Knoll, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application February 24, 1936, Serial No. 65,231
In Germany March 1, 1935
12 Claims. (Cl. 250—27.5)

1. A photo-electric device having an envelope containing a photocathode, a tubular anode, a light-permeable fluorescent screen, an electromagnetic focusing coil enclosing said anode and of a length at least equal to the distance between the photocathode and fluorescent screen, and two op-



positely disposed light-reflecting members exterior of the said envelope, one adjacent said photocathode and the other adjacent said fluorescent screen to reflect an image from said fluorescent screen to said photocathode.

2,131,186
METHOD OF FORMING BRAKE DRUMS
Frank H. Le Jeune, Detroit, Mich., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich., a corporation of Delaware
Application September 9, 1935, Serial No. 39,830
7 Claims. (Cl. 29—152.2)



1. The method of forming a brake drum having an integral back and annular brake flange with the latter providing a brake surface, which comprises providing a substantially flat sheet metal blank of a size to form the brake drum, covering only that portion of the blank to be used as the brake surface with carburizing material, heating the blank with the carburizing material in place and subsequently fashioning the blank into the brake drum and locating the carburized surface to form the brake surface.

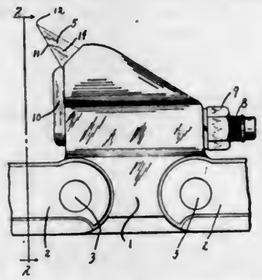
2,131,187
METHOD OF PRODUCING FINELY DIVIDED METALLIC LAYERS
Gerhard Liebmann, Berlin, Germany
Application May 28, 1935, Serial No. 23,845
In Germany May 31, 1934
9 Claims. (Cl. 91—70.1)



1. A process of producing a finely subdivided metallic layer on an insulating base comprising the steps of coating said base with silver, of interrupting this coating action when a layer of 0.01 to 0.1 μ thickness has been formed, and of subjecting the coated base to a thermal treatment in a gas atmosphere containing oxygen at a temperature of at least about 400° centigrade and below 500° centigrade.

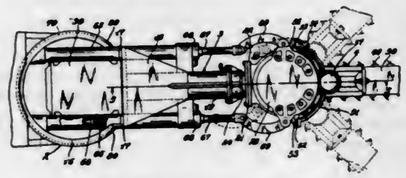
2,131,188
CUTTER CHAIN
Charles F. Osgood, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application February 23, 1935, Serial No. 7,673
2 Claims. (Cl. 262—33)

1. In a cutter chain, a bit block having a bit-receiving socket, a double-ended reversible cutter bit of substantially pyramidal form having an elongated, substantially diamond-shaped, plane cutting face at the base of the pyramid terminating in alined cutting points at the bit ends, said socket receiving the sides of the pyramid



opposite from its base and having walls disposed to cooperate with at least a portion of each of the bounding surfaces of said bit other than the cutting face of the latter, and securing means on the bit block and engaging the cutting face of the bit for clamping the bit in said socket.

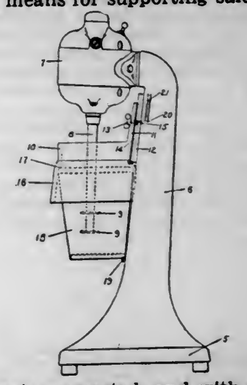
2,131,189
MINING APPARATUS
Charles F. Osgood, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application July 30, 1935, Serial No. 33,875
14 Claims. (Cl. 262—28)



1. In a mining apparatus, in combination, a portable base, an extensible and retractible arm structure mounted on said base, a kerf cutter pivotally mounted on the outer extremity of said arm structure to swing relative thereto and having orbitally movable cutting elements, and means for extending and retracting said arm structure and for swinging said kerf cutter about its pivot relative to said arm structure to move said kerf cutter to cut a plane kerf in a mine wall, said extending and retracting and swinging means comprising power operated devices common to both arm extension and kerf cutter swing and operatively connected to said arm structure and said kerf cutter.

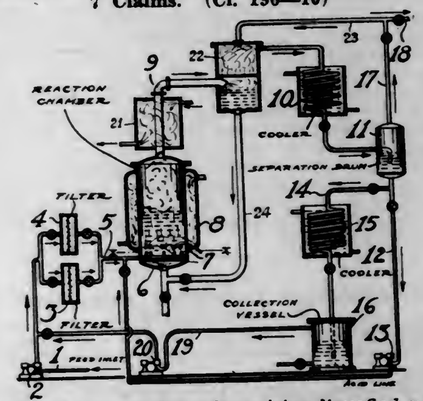
2,131,190
LIQUID MIXING APPARATUS
Earl S. Prince, Sterling, Ill.
Application July 27, 1937, Serial No. 155,933
2 Claims. (Cl. 259—122)

1. The combination of a standard, an electric motor mounted on said standard, provided with a spring-controlled switch, a mixing device connected with said motor for operation thereby, a plate slidable on said standard and engageable with said switch upon the movement of said plate, a circular member connected with said plate, and forming a mixing container extension, a drink mixing container in engagement with said extension, and means for supporting said container



with said parts connected, and with said spring exerting pressure holding said container in place.

2,131,191
DISPERSION OF OLEFINES IN ACID POLYMERIZATION
Bruno E. Roetheli and Eldon E. Stahly, Baton Rouge, La., assignors to Standard Oil Development Company, a corporation of Delaware
Application October 24, 1936, Serial No. 107,322
7 Claims. (Cl. 196—10)

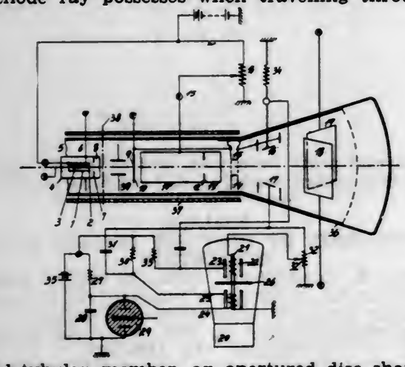


1. In a process for polymerizing liquefied normally gaseous olefines by means of sulfuric acid to form polymers suitable for motor fuels, the steps of maintaining a bath of sulfuric acid at polymerizing strength and temperature, forcing the olefine mixture in a liquefied state into the lower part of the acid bath through a minute diameter orifice at a velocity in excess of 40 feet per second, whereby the liquid olefine is dispersed in small droplets throughout the acid, permitting the droplets to rise through the acid, the height thereof being adapted to provide time for a substantial reaction of the olefines, then separating hydrocarbons from the acid and recovering the polymer.

2,131,192
HIGH VACUUM TELEVISION TUBE
Kurt Schlesinger, Berlin, Germany, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany
Application May 4, 1935, Serial No. 19,817
In Germany May 9, 1934
5 Claims. (Cl. 250—27.5)

1. A Braun tube more particularly for television

purposes comprising means including a cathode disposed near one end of the tube for producing a cathode ray, an image screen disposed at the end of the tube opposite to that end near which said cathode is disposed, and an electron-optical lens system for projecting the cathode ray onto said image screen in the form of a sharply defined image point, said electron-optical lens system comprising a tubular member having its axis disposed in the direction from said cathode to said screen and having a diameter which is considerably larger than the diameter which the cathode ray possesses when travelling through



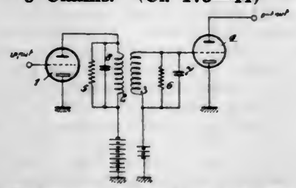
said tubular member, an apertured disc shaped anode mounted perpendicularly to the axis of said tubular member, near said tubular member between said tubular member and said image screen, and an apertured diaphragm separating said tubular member into two parts and being mounted near that edge of said tubular member facing said anode, said anode being adapted to be supplied with a high positive potential in relation to said cathode, said tubular member being adapted to be supplied with a potential positive in relation to said cathode but negative in relation to said anode.

2,131,193

TRANSFORMER COUPLING FOR TELEVISION AMPLIFIERS

Kurt Schlesinger, Berlin, Germany, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany

Application June 4, 1935, Serial No. 24,901
In Germany June 5, 1934
8 Claims. (Cl. 178—44)



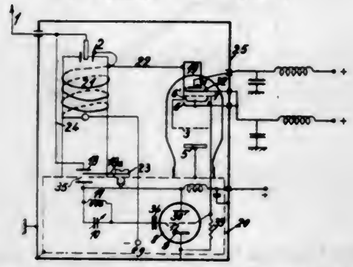
1. A high-frequency coupling transformer for carrier frequency amplifiers more particularly in television arrangements having a primary and a secondary winding, which are damped by damping resistances, both of said windings are dimensioned with their inherent capacities in such manner that both said winding-coils have the same natural frequency, said natural frequency being smaller than the carrier frequency to be transmitted, said winding-coils being coupled with each other as tightly as possible and said inherent capacities being made as small as possible.

2,131,194

SUPERHETERODYNE RECEIVER

Kurt Schlesinger, Berlin, Germany, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany

Application March 5, 1936, Serial No. 67,343
In Germany March 12, 1935
10 Claims. (Cl. 250—20)



1. In a heterodyne receiver for the use in short wave art and ultra-short wave art, means for preventing radiation of the locally generated oscillation by the receiver aerial, a mixing tube having a cathode, a control grid, at least one screen grid, an oscillation grid, a second screen grid and an anode, arranged in the order named, an aerial circuit coupled with said control grid, an oscillatory tube having an anode, a cathode, and a grid, a neutralizing circuit for compensating the undesired coupling between the control- and oscillation-grid of said mixing tube effected by the inherent capacity between said two grids, said neutralizing circuit consisting of a variable condenser connected between the control grid of said mixing tube and the grid of said oscillator tube so that a neutralizing potential of opposite phase with respect to the original oscillatory potential is led from an electrode of said oscillatory tube to the control grid of said mixing tube and the aerial circuit respectively the anode of said oscillator tube being coupled to the oscillation grid of said mixing tube.

2,131,195

PRODUCTION OF DRYING OILS

Helmuth G. Schneider and Julius V. Sommer, Elizabeth, N. J., assignors to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application June 9, 1934, Serial No. 729,800
14 Claims. (Cl. 196—142)

2. A process for producing a drying oil which comprises subjecting a fraction of gasoline obtained by vapor phase cracking of higher boiling mineral oils, in liquid phase to the action of a gas containing oxygen at a pressure substantially above atmospheric and at a temperature of about 50° to 230° C., recovering a drying oil from the product by distillation and polymerizing said drying oil at elevated temperature and pressure.

2,131,196

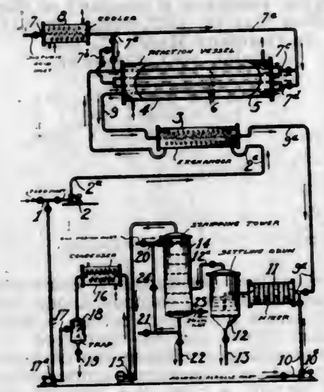
POLYMERS AND METHOD OF MAKING THE SAME

Helmuth G. Schneider, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

Application December 8, 1934, Serial No. 756,678
8 Claims. (Cl. 260—2)

1. An improved process for producing valuable high molecular weight polymers comprising

maintaining a low molecular weight olefine in liquid phase in intimate contact with a polymerizing catalyst selected from the group consisting



of sulphur trioxide and sulphuric, fuming sulphuric, and halo-sulphonic acids at a temperature below —20° C. and separating the catalyst from the resulting polymer.

2,131,197

PRODUCTION OF CONVERSION PRODUCTS OF ACETYLENE

Robert Stadler and Albert Auerhahn, Heidelberg, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort - on - the - Main, Germany

No Drawing. Application November 8, 1935, Serial No. 48,871. In Germany November 14, 1934
4 Claims. (Cl. 260—678)

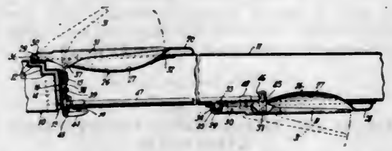
1. In producing conversion products from acetylene by treating the same with aqueous acid cuprous salt solutions the step which comprises performing the said conversion by means of an acid cuprous salt solution to which has been added a small amount of a dispersion stabilizer.

2,131,198

AUTOMOBILE DOOR LOCKING MECHANISM

George Tasman, Brooklyn, N. Y.

Application May 12, 1936, Serial No. 79,223
11 Claims. (Cl. 292—223)



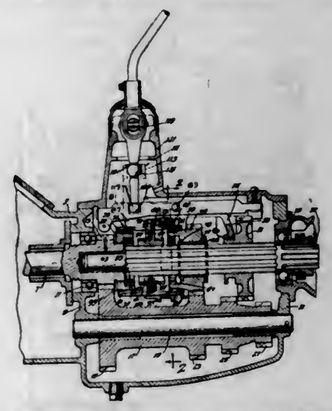
1. A latch adapted for use on an automobile door having a movable glass therein, comprising in combination a plate having a recess therein adapted to be mounted on the face of said door, a door handle mounted within said recess and pivoted to said plate at one end of said handle about an axis parallel to the face of the door, a bolt pivoted on a second plate in alignment with the edge wall of said door about an axis transverse to the edge wall and a link connecting an intermediate portion of said handle to said bolt.

2,131,199

SYNCHRONIZING TRANSMISSION MECHANISM

Perry L. Tenney, Muncie, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application July 17, 1929, Serial No. 378,910
12 Claims. (Cl. 192—53)



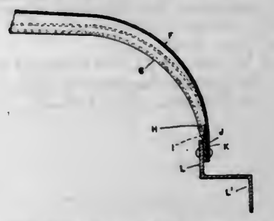
1. In a transmission mechanism, axially aligned driving members each having a frictional clutch element and a positive clutch element, a coaxial driven member, a splined axially slidable positive clutch element on said driven member between said driving members, a carrier surrounding said slidable positive clutch element having a plurality of frictional elements, one associated with each of the aforesaid friction elements, said carrier having slots with transversely positioned symmetrically tapered notches, said axially slidable clutch element having symmetrically tapered lugs, constituting means for driving said carrier, positioned in said slots and engageable with said notches.

2,131,200

CAR ROOF

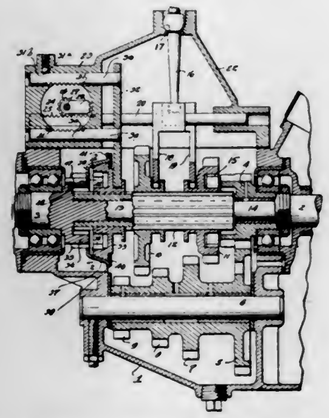
William D. Thompson, Birmingham, Mich., assignor to Chicago-Hutchins Corporation, a corporation of Delaware

Application May 18, 1936, Serial No. 80,457
6 Claims. (Cl. 105—5.4)



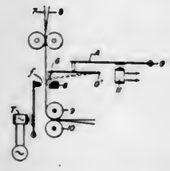
1. In a car roof, a roofing unit having an upper plane portion and a lower plane portion connected by an intermediate portion, said upper and lower plane portions tapering towards each other from the ridge to the eaves, large radius curved extensions of said upper and lower plane portions at the eaves continuing in spaced relation to substantially a vertical plane and then merging into a single plane, and a reinforcement for the single plane portion extending upward into the spaced plane portions and fashioned in conformity thereto.

2,131,201
COMPOSITE CLUTCH
Tracy B. Tyler, Detroit, Mich., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application August 4, 1928, Serial No. 297,523
11 Claims. (Cl. 192—53)



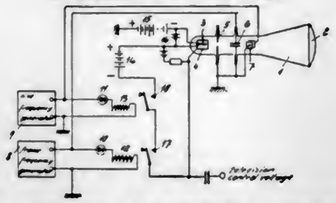
1. In a transmission mechanism, the combination with a pair of axially alined rotative, positive drive elements one of which is slidable to engage the other, of means for preventing clashing of said elements, comprising a member rigidly carried by the sliding element said member having a coned friction face, and a coacting coned friction member loosely mounted on and connected to said sliding element to slide therewith, said coacting coned friction member having a lost motion driving connection with the other positive drive element arranged to permit relative axial movement between them, and cooperating inclined detents on said last named member and element.

2,131,202
SIMPLIFIED TELEPRINTER AND SYSTEM
Stanislas Van Mierlo, Cornelis A. J. Pulles, Florent E. A. Smets, and Lucien Devaux, Paris, France, assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application November 23, 1934, Serial No. 754,386
In France January 6, 1934
8 Claims. (Cl. 178—5)



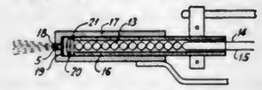
3. A telegraph receiver comprising a plurality of signal responsive elements, a plurality of platen members controlled by said elements, a continuously virbrating member, a recording medium and means for moving said recording medium between said vibrating member and said plurality of platens.

2,131,203
TELEVISION METHOD
Manfred von Ardenne, Berlin, Germany, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany, a company of Germany
Application May 16, 1932, Serial No. 611,568
In Germany March 27, 1931
1 Claim. (Cl. 178—6.8)



In a television arrangement comprising a cathode ray tube having cathode, anode, deflecting system and a fluorescent screen, a source of high tension direct current connected to said cathode and anode producing the cathode ray, and a source of variable current connected to said deflecting system, a relay the primary side of which is connected to said source of variable current and the switch of which interrupts the high tension current so as to prevent the cathode ray to burn said fluorescent screen when said variable current ceases.

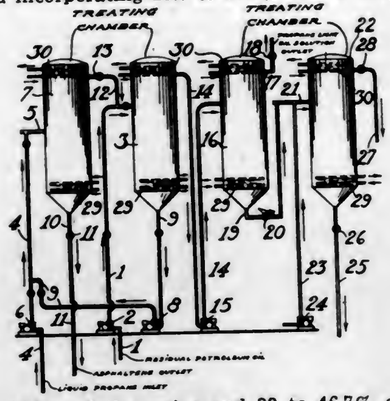
2,131,204
INDIRECTLY HEATED THERMIONIC CATHODE
Ernst Waldschmidt, Berlin-Siemensstadt, Germany, assignor to Siemens & Halske, Aktiengesellschaft, Berlin-Siemensstadt, Germany, a corporation of Germany
Application January 16, 1937, Serial No. 120,869
In Germany January 15, 1936
2 Claims. (Cl. 250—27.5)



1. A thermionic cathode comprising a metal sleeve having an opening at one end, a ceramic tube fitted into said sleeve, a metal disc fitted into said sleeve adjacent the end of said ceramic tube, a metal mesh within said sleeve and between the open end of said sleeve and said disc, alkaline earth metal oxide in the open end of said sleeve and on said metal mesh, a compound which when heated evolves vapor of an alkaline earth metal on the side of said metal disc facing said metal mesh and a heater mounted within said ceramic tube adjacent said disc for heating said disc and said sleeve to operating temperature.

2,131,205
METHOD OF MODIFYING PROPERTIES OF ASPHALTS
Alfred A. Wells, Roselle Park, and John O. Collins, Cranford, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
Application April 5, 1935, Serial No. 14,760
8 Claims. (Cl. 196—13)

1. Method of manufacturing asphalts which comprises subjecting crude petroleum oils to distillation to separate the lower boiling fractions from asphaltic residual oils, separating the asphaltic residual oils by means of liquid solvents which are normally gaseous at normal pressures and temperatures into oils, resins and asphaltenes and incorporating 25.7 to 37.4% of the oils, 15.9

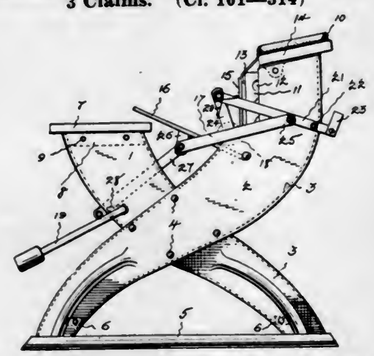


to 36.3% of the resins and 38 to 46.7% of the asphaltenes to produce asphalts.

2,131,206
PRESERVATION OF RUBBER
Ira Williams, Woodstown, N. J., and Arthur Morrill Neal, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application March 28, 1934, Serial No. 717,796
4 Claims. (Cl. 18—50)

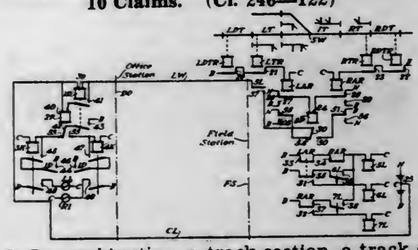
1. The method of preserving rubber which comprises incorporating therein a secondary N-aromatic ar.-tetra-hydro-naphthylamine in which the aromatic group contains a substituent selected from the group of hydroxy, alkoxy and amino groups said aromatic group being otherwise free of substituents other than hydrocarbon substituents.

2,131,207
PRINTING PRESS
Edward Wolff, New York, N. Y.
Application November 24, 1937, Seral No. 176,275
3 Claims. (Cl. 101—314)



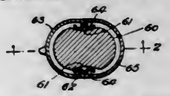
1. A printing press of the class described comprising a supporting frame, an oscillating platen, an inking roll, a hand lever for operating said platen and roll, a link system coupling said lever with said platen and said inking roll, said link system comprising a crank device operated by said lever, a pivoted link connection between said crank and said platen, a pair of links pivoted one on each side of said frame carrying said inking roll, a pivoted link connection between said platen and each of said inking roll carrying links and a tie bar uniting the latter links together.

2,131,208
REMOTE INDICATION APPARATUS
Earl M. Allen, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application February 26, 1938, Serial No. 192,838
10 Claims. (Cl. 246—122)



8. In combination, a track section, a track circuit for the section including a track relay, an office station, an indication lamp at the office station to indicate the occupancy of the track section, a line circuit, means controlled by the track relay to supply a first current impulse of a predetermined duration to the line circuit when a train enters the section and a second similar current impulse when the train vacates the section, an indication relay at the office station for controlling said lamp, said indication relay provided with a slow release period slightly less than the duration of said current impulses, and control means at the station connected with said line circuit operative to pick up said indication relay in response to said first current impulse and to close a stick circuit for the relay at the termination of the current impulse, and said control means operative to open said stick circuit to release said indication relay in response to said second current impulse.

2,131,209
MARIONETTE FIGURE
Benjamin E. Alstadt and Samuel R. Factor, New York, N. Y.
Application June 20, 1936, Serial No.86,307
4 Claims. (Cl. 46—164)



1. In a marionette figure, a head, the said head comprising a core having a pair of recesses, one at each side thereof, a front mask section, a rear mask section, and means on the said sections for frictionally engaging the said recesses for removably maintaining the said sections on the core.

2,131,210
ACCELERATOR FOR THE VULCANIZATION OF RUBBER
William Baird and John Stanley Herbert Davies, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application June 27, 1934, Serial No. 732,664. In Great Britain July 7, 1933
14 Claims. (Cl. 260—237)

1. A quaternary ammonium salt of diethyldithiocarbamic acid in which one valence of the

pentavalent nitrogen atom is satisfied by an aliphatic radical and the other three valences are satisfied by carbon atoms of monovalent aliphatic radicals, said salt being devoid of strongly acidic groups.

2,131,211
HANDLE FOR MATTRESSES, CUSHIONS, AND THE LIKE
Michael Bechik, St. Paul, Minn.
Application May 10, 1934, Serial No. 724,880
5 Claims. (Cl. 5—345)



5. A handle assembly for mattresses and the like in combination with a mattress wall comprising a handle member overlying the outside of said mattress wall and having ends thereupon, an anchoring member inside the mattress wall having openings therein, grommets extending through said openings and through the mattress wall securing said anchoring member to said wall, said handle ends extending through said grommets, and means attached to the ends of said anchoring member pinched upon the ends of said handle member securing the ends of said handle member to said anchoring member.

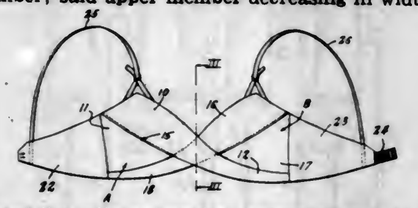
2,131,212
HANDLE FOR MATTRESSES AND THE LIKE AND METHOD OF MAKING THE SAME
Michael Bechik, St. Paul, Minn.
Application September 14, 1936, Serial No. 100,635
5 Claims. (Cl. 5—345)



1. A handle for a mattress and cushion having a flexible wall including a webbing handle member having openings punched near the ends of the same, finishing plates registering with the ends of said handle member, eyelet means on said plates extending through the openings for securing said finishing plates in overlying relation to the ends of said handle member, a resilient back bar overlying the inner surface of the flexible wall, and grommets extending through said eyelets and the flexible wall securing said handle member overlying the outer surface of said flexible wall to said resilient back bar.

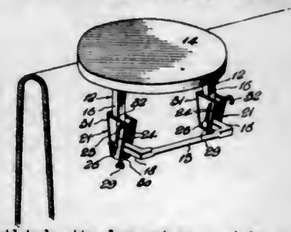
2,131,213
BRASSIÈRE CONSTRUCTION
Abraham S. Becker and Zelta M. Andrus, Los Angeles, Calif., assignors to Beautee-Fit Company, Inc., Los Angeles, Calif., a corporation of California
Application June 9, 1937, Serial No. 147,276
1 Claim. (Cl. 2—42)

In a garment adapted to receive and cover the bust, the combination of a pair of breast-receiving pockets, each comprising: a middle member provided with an upper edge inclined downwardly toward the opposite pocket and adapted to cover the lower section of the breast, an upper member adapted to cover the upper section of the breast and connected to the upper edge of said middle member, said upper member originating virtually below the arm of the wearer and having an upper edge extending upwardly to a point above the apex of the breast-receiving pocket and then downwardly toward the adjacent pocket, and a relatively narrow border member attached to the lower edge of the middle member; said upper member decreasing in width



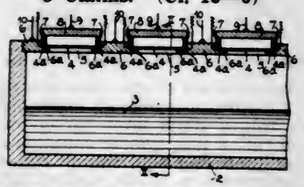
toward the adjacent pocket and continuing as a narrow border member of said adjoining pocket; the upper members and their narrow extensions crossing each other in the region of the sternum, an underarm portion connected to the side of each of said breast-receiving pockets, and closure means adapted to connect said underarm portions at the back of the wearer.

2,131,214
GRAB RAIL AND SEAT ATTACHMENT FOR BATHTUBS
George B. Bentz, New York, N. Y.
Application February 28, 1938, Serial No. 193,199
5 Claims. (Cl. 155—36.5)



1. A bathtub attachment comprising two spaced arched clamps to straddle a bathtub side wall, each of said clamps comprising a crown portion to extend over the tub wall, an inner leg rigidly joined to one end of said crown portion and elongated vertically to lie at the inner side of said tub wall, and an outer leg rigidly joined to the other end of said crown portion to lie at the outer side of said tub wall; a hand rail extending between the inner legs of the two clamps and rigidly joined thereto, and a seat mounted upon the crown portions of the two clamps.

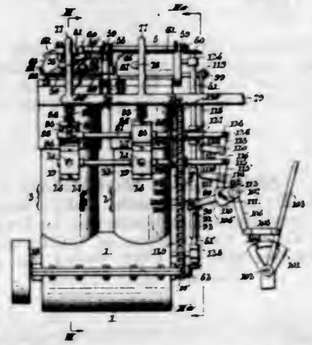
2,131,215
GLASS TANK FURNACE
Henri Jacques Bivort, Brussels, Belgium
Application March 20, 1936, Serial No. 69,962
In Belgium March 22, 1935
3 Claims. (Cl. 13—6)



3. A glass tank furnace, comprising a roof, rows of adjacent blocks forming part of said roof

disposed at a certain distance from each other so as to form cavities between them at the lower face of the roof, ledges on said blocks projecting in said cavities, electric resistances resting on said ledges, a pair of vertical walls resting on said ledges above the extremities of each electric resistance, a block resting on each pair of vertical walls independent of the blocks on which the corresponding resistance rests, and suspension means for independently removing each of the blocks above the resistances.

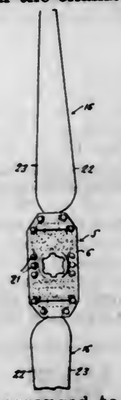
2,131,216
EXTERNAL COMBUSTION ENGINE
Francis M. Brooke, Bryn Mawr, Pa., assignor to Nanna S. Brooke, Bryn Mawr, Pa.
Application December 4, 1935, Serial No. 52,824
14 Claims. (Cl. 60—44)



1. In an external-combustion engine having multi-cylinders, each said cylinder being subdivided to provide pump chambers with a work section independent therefrom, spaced pistons in each cylinder serving the pump chambers and one of which also operates in the work section, an external combustion chamber for each cylinder work section, means for supplying combustible under pressure to the combustion chambers, a common manifold connection from the pump chambers for the reception of fresh air and supply of the same to the combustion chambers for effecting ignition of the combustible supplied thereto, and valve means individual to said combustion chambers for variably controlling release of the products of combustion into the work sections of the associated cylinders, said valve means including a relatively movable control whereby auxiliary scavenging of the combustion chambers is effected.

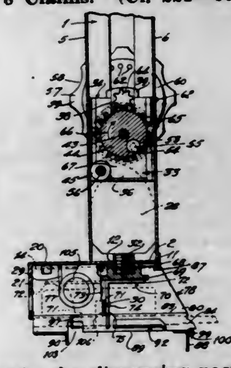
2,131,217
AUTOMATIC VARIABLE PITCH PROPELLER
Vincent Boyd Brumwell, San Diego, Calif.
Application December 12, 1936, Serial No. 115,620
2 Claims. (Cl. 170—162)

1. An automatic change pitch propeller of the class described comprising a hub adapted for mounting on a propeller shaft, said hub having radially extending portions each formed with a circular chamber and an opening in its outer end communicating with the chamber, propeller blades carried by said radial portions and each having a shaft part passing through the opening and a circular part slidably located in the chamber, each blade having its trailing edge off-center with respect to the leading edge to provide a greater wind pressure on the trailing surface than on the leading surface, means in the chamber and means on the circular portion for partly rotating the blade when the same moves axially, said circular portion having unimpeded sliding movement in the chamber aside from the frictional engagement of such means on the circular portion with the means in the chamber, the parts being



constructed and arranged to increase the pitch of the blade as the same moves axially outwardly under the action of centrifugal force and to decrease the pitch as the blade moves inwardly by the action of the air pressure on the blade overcoming the centrifugal force.

2,131,218
DISPENSING DEVICE
William M. Christopher, Tonawanda, N. Y.
Application August 10, 1937, Serial No. 158,411
8 Claims. (Cl. 221—60)

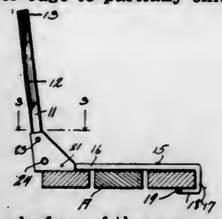


1. In a device for dispensing paste from a collapsible tube, a cap member for connection to the neck of the tube and formed with a paste outlet, a combined tube collapsing and paste expelling mechanism including a rotatable operating element therefor and a rotatable tube winding element, and said elements having intermittently operable coacting interengaging means for intermittently latching said operating element operating during the rotation of the latter.

2,131,219
PORTABLE BACK SUPPORT FOR SEATS
Harold H. Cooper, Tulsa, Okla.
Application December 30, 1937, Serial No. 182,579
4 Claims. (Cl. 155—133)

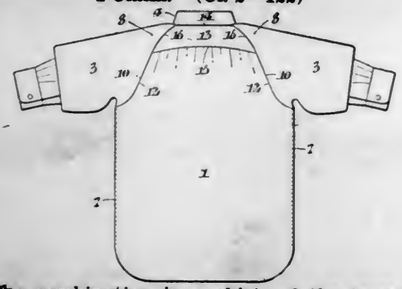
4. A device of the character described, including a back supporting frame having two laterally spaced side bars and a connecting portion, a

seat engaging element including two laterally spaced bars, the element having means at its forward end for engaging beneath the forward edge of a seat and triangular shields, each folded along its lower edge to partially embrace and fit



against the underface of the rear end of the corresponding seat engaging bar and extend upwardly on opposite sides of the corresponding side bar of the back and rigidly attached thereto, the seat engaging element being pivoted to the side bars of the back and to said shields.

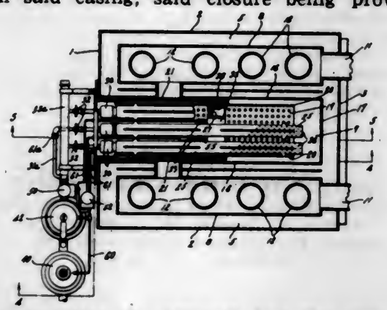
2,131,220
SHIRT
Harry E. Coverman, Pottstown, Pa.
Application January 22, 1937, Serial No. 121,762
1 Claim. (Cl. 2—122)



The combination in a shirt, of the type described, of a conventional two-part front having upper tapering side edges; a substantially conformative back embodying a gusset with upper and lower inwardly-curved edges as well as outwardly-curved ends; a collar or neckband section; and one piece sleeves having tapering shoulder extensions, with severed ends providing narrow collar or transverse neckband engaging edges; said gusset outwardly-curved ends serving for conformatory attachment to the sleeve tapering shoulder portions adjoining the transverse edges thereof; and the gusset lower inwardly-curved edge being of less width than the back upper edge to enable gathering of the latter, as well as providing a single thickness in the region of the wearer's shoulder blades, whereby a shirt of better "fit" is provided and which is devoid of any "sagging" tendencies.

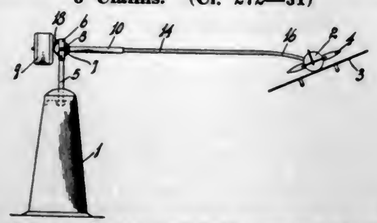
2,131,221
BURNER AND CONTROL UNIT FOR FURNACES
Horace A. Crary, Warren, Pa., assignor to Pennsylvania Furnace & Iron Co., Warren, Pa., a corporation of Pennsylvania
Application November 29, 1935, Serial No. 51,988
6 Claims. (Cl. 158—7)

1. Apparatus of the character described, comprising a casing provided with a combustion chamber having an opening and with a burner and fuel control unit including a closure for said opening, burners supported by and on one side of said closure, gas supply and control devices supported by and on the other side of said closure, said closure, burners and devices being secured together and being removable as a unit from said casing, said closure being provided



with secondary air openings, and said unit also including spaced parallel vertical plates at both sides of the burners to provide an upwardly moving wall of secondary air between each pair of plates.

2,131,222
AEROPLANE MOUNTING
Eldon L. Dale, Long Beach, Calif., assignor, by direct and mesne assignments, to Dale Radioplane Co., a corporation of California
Application May 10, 1937, Serial No. 141,664
3 Claims. (Cl. 272—31)

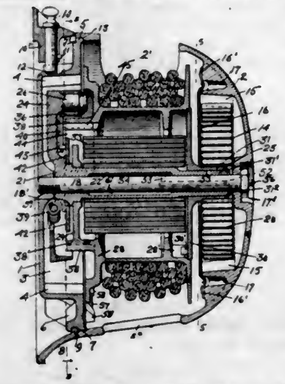


1. An aeroplane mounting comprising a central tower, a trunnion pivotally mounted in the tower, an arm journaled on the trunnion, said arm being mounted for vertical movement, a driving motor on one side of the trunnion, an aeroplane mounted on the outer end of the arm, a propeller on the aeroplane and a flexible cable extending from the motor through the arm and thence to the propeller, whereby the propeller is driven by the motor and a remote rheostat controlling the speed of said motor, said arm being curved in a horizontal plane as it enters the aeroplane and said arm being curved downwardly and in a vertical plane at the outer end thereof.

2,131,223
TROLLEY RETRIEVER
Charles I. Earll, York, Pa.; M. M. Lambert, administratrix of said Charles I. Earll, deceased, assignor to Charles I. Earll Company Inc., York, Pa.
Application November 2, 1936, Serial No. 108,889
3 Claims. (Cl. 191—93)

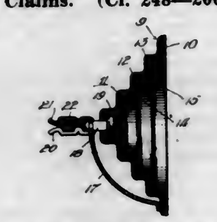
1. In a trolley retriever, a casing adapted to be attached at one side to a vehicle, a shaft extending laterally within said casing, an intermediate mounted on said shaft, a drum mounted on said intermediate, a rope connected to said drum and adapted to be wound thereon, a retrieving spring connected between said intermediate and drum, said retrieving spring being

mounted within and being substantially as wide as said drum, automatic means adapted to render said retrieving spring effective upon abnormal movement of said rope, said means including a ratchet mounted on said intermediate, a tension



spring connected between said casing and drum, of less diameter than said drum and mounted on the side of said drum opposite said attaching side of the casing, said casing being of substantially smooth rounded contour and substantially housing the above mentioned elements.

2,131,224
SUCTION CUP
Carl Kaack, Chicago, Ill.
Application August 25, 1937, Serial No. 160,793
2 Claims. (Cl. 248—206)

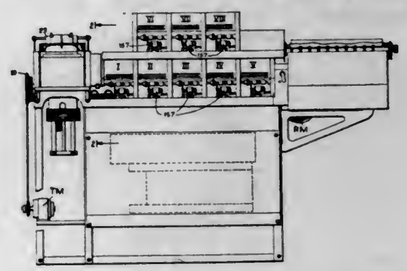


1. A device of the character described, comprising a resilient cup member having a corrugated outer surface, a corrugated inner surface corresponding configuratively with said corrugated outer surface adapted to "nest" under pressure applied at the apex of said cup member, thus providing several independently gripping vacua, a supporting stud securely anchored to the apex of the outer surface of the said cup member, and an auxiliary supporting arm securely fastened to said supporting stud, and having one end terminating in two flexible receiving lips, forming a socketed portion adapted to receive an article to be supported and having its other end resting on the outer flange of said cup member.

2,131,225
PROCESS OF MANUFACTURING A PHOTOGRAPHIC STENCIL
Theodore E. Kirch and David R. Mead, Sheffield Township, Warren County, Pa.
No Drawing. Application June 8, 1935, Serial No. 25,678
6 Claims. (Cl. 41—38.6)

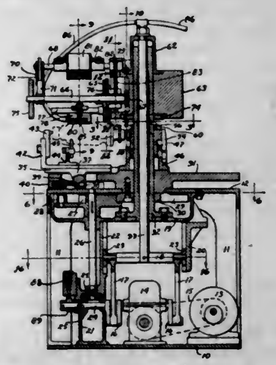
1. The process of producing a photographic stencil which comprises applying a sheet of sensitized gelatin to one surface of a mesh screen, applying sensitized glue to the other side of the screen, printing the design on the sheet, and then removing the soluble sensitized material from the portions of the screen which were protected during the printing step.

2,131,226
TABULATING MACHINE
Ulrich M. W. Kölm, Berlin, Germany, assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application June 7, 1934, Serial No. 729,385
In Germany July 5, 1933
24 Claims. (Cl. 235—61.7)



1. In a record controlled tabulating machine, a plurality of accumulators, an automatic group control mechanism responsive to minor, intermediate, and major group number changes on record cards, transferring mechanism for transferring amounts from one of said accumulators to another and means controlled by said control mechanism for effecting an operation of said transferring mechanism in response to any one of said types of group number change.

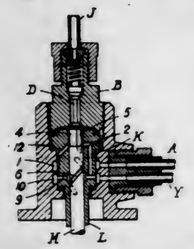
2,131,227
LABELING MACHINE
William B. Locke, Ferndale, Mich.
Application August 5, 1935, Serial No. 34,728
14 Claims. (Cl. 216—53)



1. A labeling machine of the character described, comprising a holder for the container to be labeled, a label holder, a label carrier rotatably

and reciprocally mounted in position between said container and said label holder, means for reciprocating said carrier into and out of contact with said label holder and then simultaneously reciprocating and rotating said carrier to position spaced from said container holder and then reciprocating said carrier into and out of contact with said container, and means associated with said carrier for conveying a label from said label holder to said container.

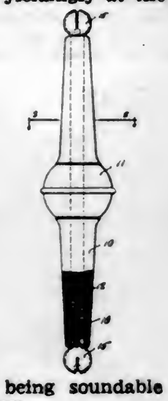
2,131,228
FUEL INJECTION PUMP
Rudolf L'Orange, Stuttgart-Feuerbach, Germany
Original application September 14, 1935, Serial No. 40,598. Divided and this application August 11, 1936, Serial No. 95,399. In Germany September 20, 1934
1 Claim. (Cl. 103—41)



A fuel injection pump of the character described comprising a casing having a fuel inlet and a relief outlet, a barrel mounted in said casing provided on the one hand with a port which communicates with said fuel inlet and on the other hand with an internal circumferential groove which communicates with said relief outlet, a solid pump plunger fitted snugly in said barrel and adapted to control said port, said plunger being formed with a helical relieving groove, means for reciprocating the plunger within the barrel, said means operative to maintain the relieving groove in constant communication with the barrel groove while moving the free end of the plunger across said port, a delivery valve closing the end of the barrel and forming a pump chamber between it and the free end of the plunger, the barrel having in said pump chamber a recess adapted, during the delivery stroke of the plunger, to be thrown into communication with the relieving groove of the latter for relieving the pump pressure through the relief outlet, and means for imparting to the plunger an angular displacement in order to determine the point of the stroke at which the relief takes place, the barrel being provided with a duct which is closed by the plunger substantially at the same time as the inlet port and which communicates with the relief outlet for allowing free circulation of fuel through the pump chamber when the inlet port is opened.

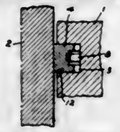
2,131,229
DOG'S PLAYTHING
Harold G. McMennamin, Rumford, Maine
Application September 25, 1937, Serial No. 165,735
4 Claims. (Cl. 46—175)

3. A dog's toy comprising a baton having a central enlarged portion and a hole extending longitudinally through the center thereof and open at each end, a bell at each end of the baton and a spring in the passage connecting the bells and holding them yieldingly at the ends of the



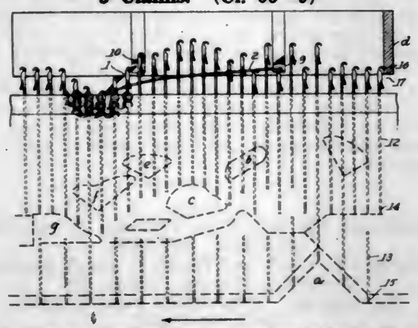
baton, said bells being soundable upon slight movement of the toy.

2,131,230
PISTON RING
Harford L. Morgan, San Francisco, Calif.
Application April 24, 1936, Serial No. 76,179
7 Claims. (Cl. 309—43)



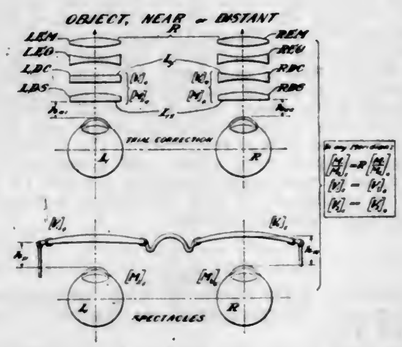
1. A piston ring comprising two split ring sections arranged one on top of the other with the splits in non-registering relation, the sections having annular recesses cooperating in forming an inner annular groove in the piston ring and having registering stops blocking a limited portion of the groove and a split polygonal spring seated in the groove and having its ends confronting opposite sides of the stops.

2,131,231
MACHINE FOR AND METHOD OF MAKING KNITTED ARTICLES
Virgil Morris, Daisy, Tenn., assignor to Richmond Hosiery Mills, Rossville, Ga., a corporation of Georgia
Application September 17, 1935, Serial No. 40,942
5 Claims. (Cl. 66—9)



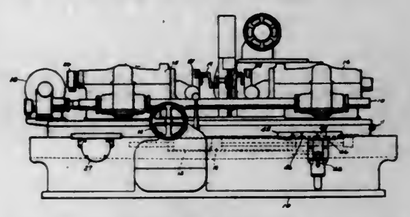
1. The method of incorporating elastic thread into a knitted article comprising rotating a ring of knitting needles, successively raising each of a plurality of said needles, feeding said thread below the latch of each of the raised needles, successively lowering said raised needles while raising normally positioned needles to place the thread behind said normally positioned needles, lowering each of said needles, feeding yarn to their hooks, and successively lowering each of said needles still further to knit the yarn and incorporate the elastic thread in the fabric.

2,131,232
CORRECTING BINOCULAR VISION
Kenneth N. Ogle, Hanover, N. H., assignor to Trustees of Dartmouth College, Hanover, N. H., a corporation of New Hampshire
Application March 6, 1936, Serial No. 67,557
22 Claims. (Cl. 88—20)



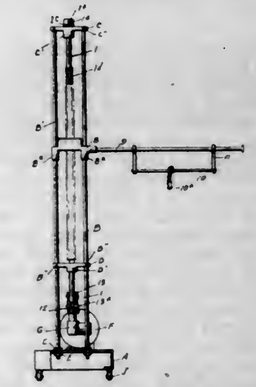
8. Spectacles for correcting dioptric and eikonic defects of a pair of eyes, the eikonic defects having been measured with test lenses determining an eikonic magnification ratio and the dioptric defects having been measured with dioptric trial lenses having spherical and cylindrical lens elements placed at a certain separation at a certain test distance from the respective eyes looking therethrough at an object at a certain finite distance and additively indicating powers for infinite object distance, comprising a spectacle frame; and a pair of lens units, one for each eye, having for each eye lens mediums of given indices of refraction thicknesses and distances from the respective eyes and one set of optical lens surfaces which combined together for said medium will produce, with said thickness of said units in selected eikonic meridians a magnification ratio substantially equal to said eikonic magnification ratio multiplied by the ratio of the shape magnifications of said dioptric trial lens sets, and multiplied by the ratio of the magnifications effected by the difference of said finite object distance from said infinite distance, and said units having another set of optical surfaces placed at said thicknesses from said first surfaces and providing with said first set of surfaces in meridians corresponding to the principal meridians of said trial sets lenses vergence powers substantially equal to said powers indicated by said trial sets, said lens units being placed in said frames with the meridians of symmetry of said first and second sets of surfaces in position to effect said magnification ratios and said vergence powers in said eikonic and principal meridians respectively.

2,131,233
INDEX SAFETY DEVICE
Conrad L. Ott, Detroit, Mich., and Ralph E. Price, Waynesboro, Pa., assignors to Landis Tool Company, Waynesboro, Pa., a corporation of Pennsylvania
Application June 11, 1937, Serial No. 147,766
5 Claims. (Cl. 51—72)



5. In a crank grinding machine, a work support, means for rotatably supporting a crankshaft thereon including a pair of crankheads, means whereby a crankshaft may be indexed angularly in said crankheads, a grinding wheel support, mechanisms for effecting relative transverse and longitudinal movements of said supports, means for effecting said longitudinal movement intermittently to place successive portions of a work piece in grinding position, means actuated in response to said longitudinal movement in combination with means actuated in response to said angular index movement for rendering said transverse moving means operative.

2,131,234
UNIFORM SPEED DRIVING APPARATUS
Bartlett J. Palmer and Otto A. Schiernbeck, Davenport, Iowa
Application July 19, 1937, Serial No. 154,450
11 Claims. (Cl. 254—100)

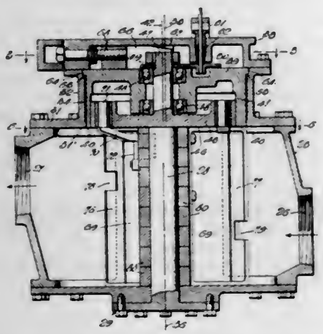


1. An apparatus for impelling and timing recording neurocalometers, comprising a pair of vertical, parallel supporting rods united at both ends, a threaded shaft rotatably mounted parallel to the rods, a crosshead slidingly mounted upon the rods and means mounted upon the crosshead to engage the threaded shaft and be driven longitudinally of the rods thereby, a carrier rod united to and extending laterally from the crosshead, and means freely movable pivotally and slidingly on the carrier rod to suspend a neurocalometer therefrom.

2,131,235
DEODORIZING MATERIAL
James W. H. Randall and Hubert Van Grunenberg, New York, N. Y.
No Drawing. Application October 30, 1933, Serial No. 695,840
13 Claims. (Cl. 167—90)

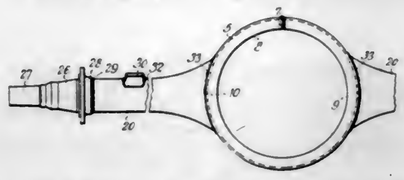
9. A deodorizing compound for secretions of the human body comprising a material of the group consisting of the aldehyde and ketone amino group combined with an aromatic acid and a stabilizer capable of combining with any formaldehyde liberated from said material to render the same non-corrosive and non-irritating and capable of going into chemical combination with the odor-giving ingredients of the secretions to effectively neutralize the odors.

2,131,236
ROTARY METER
Armas J. Saarinen, San Francisco, Calif., assignor to Granberg Meter Corporation, San Francisco, Calif., a corporation of California
Application March 9, 1936, Serial No. 67,969
15 Claims. (Cl. 73—253)



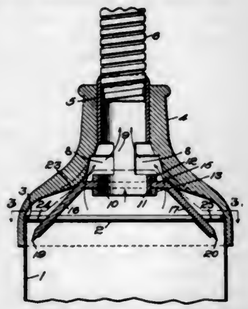
1. A meter comprising a cylindrical casing having an inlet at one side and an outlet at the other side, a stationary shaft within and concentric with said casing, said shaft being carried by one end wall of said casing, the other end wall of said casing being provided with a cylindrical recess opening through the inner face of said other end wall, the axis of said recess being eccentric to the axis of said shaft in a direction transverse to a line through said inlet and outlet, a rotatively adjustable head mounted in said recess coaxially therewith and closing the open side thereof, said head having a cylindrical recess which opens through the inner side of said head and is slightly eccentric to the periphery of said head, the portion of said head between its recess and periphery being provided with an inner face flush with said inner face of said other end wall, a register-driving disk rotatably mounted in the recess of said head and closing the open side of this recess, said disk having an inner face flush with said inner face of said head, vanes mounted on said shaft for pivotal and rotary movement, said vanes contacting with the peripheral wall of the casing, with the inner faces of both end walls of said casing and with said inner faces of said head and disk, means connecting said disk with said vanes, and means for rotatively adjusting said head to vary the distance between the disk axis and the shaft axis and thereby increase the maximum and decrease the minimum angle existing between adjacent vanes, or vice versa.

2,131,237
AXLE HOUSING AND METHOD OF MAKING SAME
George Spatta, Buchanan, Mich., assignor to Clark Equipment Company, Buchanan, Mich., a corporation of Michigan
Application October 11, 1935, Serial No. 44,477
8 Claims. (Cl. 29—153.1)



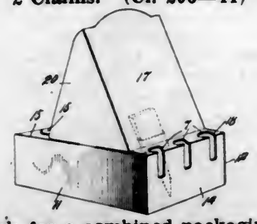
1. The method of making a rear axle housing which comprises rolling a flat strip into a hoop, butt welding the adjacent ends of said strip, forming inturned flanges at opposite sides of said hoop, punching diametrically opposed axle openings in the web of said hoop, forming a pair of tubular arms, belling out one end of each of said arms to bring them into substantial tangency with the external surface of said hoop, and welding the belled ends of said arms to the cylindrical surface of said hoop about said openings with the axes of said arms extending normal to the axis of revolution of said cylindrical surface to which said ends are welded.

2,131,238
COMBINED CAN OPENER AND DISPENSER FOR OIL, ANTIFREEZE MATERIAL, AND THE LIKE
Irving Paul Taylor and Fred G. Bates, Highland Park, Mich.
Application January 14, 1938, Serial No. 184,978
12 Claims. (Cl. 221—23)



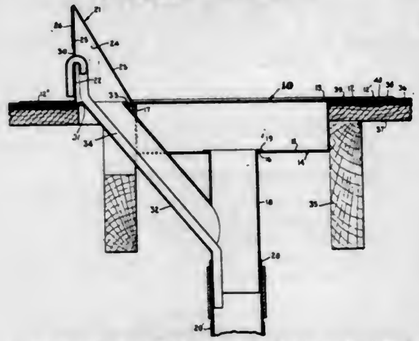
1. As a new article of manufacture, a combined can opener and dispenser for liquids comprising a dispensing member adapted to be pressed onto the outer surface of the can, and having a pouring tube in liquid-pouring communication with said member, and a transversely extending can opener member positioned within said dispensing member and directly carried by the pouring tube of the dispensing member and provided with a can-penetrating edge or edges, the said can opener member being positioned in such proximity to the lower edge of the dispensing member that the act of pressing said dispensing member firmly onto the surface of the can, causes the said edge or edges of the said opener member to penetrate the can and provide a dispensing opening or openings.

2,131,239
DISPLAY BOX
Walter J. Tiskey, Montville, Conn., assignor to Robertson Paper Box Company, Inc., Montville, Conn., a corporation of Connecticut
Application July 24, 1937, Serial No. 155,358
2 Claims. (Cl. 206—44)



1. A blank for a combined packaging and display box having box forming bottom, top, side and end panels, a swinging cover formed in the top panel, and a display card panel having side wings for supporting the display panel in inclined position on the top of the box, the top panel and the front end panel having cutouts forming holding means for supporting articles in display position in front of the display card.

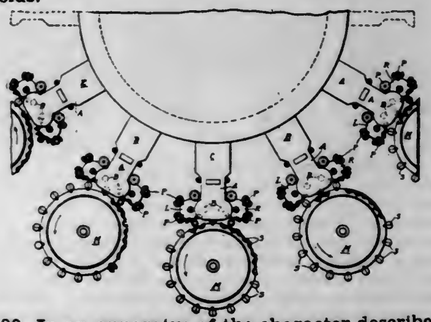
2,131,240
DRAIN DEVICE
Edgar M. Tucker, South Pasadena, Calif., assignor of one-half to W. H. Fabry, Alhambra, Calif.
Application December 6, 1937, Serial No. 178,357
9 Claims. (Cl. 182—1)



1. In a drain device, a main drain member having an inlet and outlet, an auxiliary drain member, said auxiliary member including an inlet and a conduit extending to said outlet, a syphon member independent of said main drain member and said auxiliary drain member and having its inlet disposed above said main drain member inlet and below said auxiliary drain member inlet, said syphon member having an outlet.

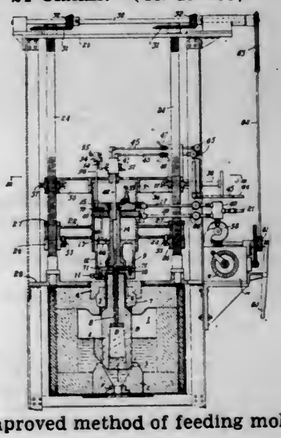
2,131,241
FABRICATING GLASS MACHINE AND METHOD
Frank L. O. Wadsworth, Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind., a corporation of Indiana
Application October 24, 1934, Serial No. 749,731
38 Claims. (Cl. 49—5)

7. A forming machine comprising a pair of rotatable press tables, a plurality of press molds each composed of an upper and lower section carried by each of said tables, a rotatable blow table, a plurality of blow molds carried by said blow table, a head for each of said blow molds, means for intermittently and alternately rotating each of said press tables to move the press molds successively to transfer positions, means for opening the lower section of the molds on each press table as they approach the transfer positions, means for intermittently rotating the blow table to position alternate blow molds at successive transfer positions, means for closing the blow molds at the transfer positions, means for opening the upper section of each press mold, means controlled by the closing of the blow molds for effecting an opening of the upper sections of said press mold, and means actuated by the operation of said upper section closing means for moving said head into engagement with said blow molds.



28. In an apparatus of the character described, a two-part mold having the sections thereof mechanically coupled together whereby movement of one section imparts movement to the other section, means for moving said sections to open said mold, including a cylinder adapted to be alternately connected to a source of fluid pressure and to atmosphere, a piston movable in said cylinder, a second piston within said cylinder for engaging one section of said mold, and means for imparting a rotary movement to said last-mentioned piston.

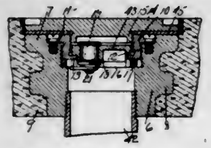
2,131,242
HYDRODYNAMIC BALANCE FEEDER AND METHOD OF FEEDING MOLTEN GLASS
Frank L. O. Wadsworth, Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind., a corporation of Indiana
Continuation of application Serial No. 656,306, February 11, 1933. This application July 19, 1935, Serial No. 32,774
24 Claims. (Cl. 49—55)



1. An improved method of feeding molten glass

from a body thereof through an orifice submerged thereby which consists in confining a limited portion of the surface of the glass above said orifice, successively subjecting the confined surface to two elastic fluids of predetermined and different pressures at predetermined times, and progressively varying each said fluid pressure during the interval between such successive applications.

2,131,243
COVER FOR RECEPTACLES
Herbert W. Whitaker, East Hartford, Conn.
Application March 9, 1936, Serial No. 67,895
9 Claims. (Cl. 70—165)



1. A cover for the filling opening of a receptacle, said cover comprising a shell, a supporting member separately formed from and removably attached to said shell, a lock case loosely supported by and seated on said supporting member, and a locking member positioned and movable below the bottom of said case for engaging and disengaging action with a cooperating member located on one of said other members to prevent removal of said case and to permit its removal, said case being completely rotatable independently of said supporting member.

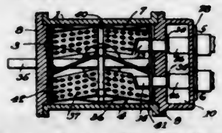
2,131,244
VULCANIZATION OF RUBBER
Ira Williams, Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 11, 1934, Serial No. 706,258
25 Claims. (Cl. 18—53)

3. The method of vulcanizing rubber which comprises incorporating in a rubber mix, prior to vulcanization, a quaternary ammonium salt in which the pentavalent nitrogen is part of an unsaturated heterocyclic ring, two valences of the nitrogen being satisfied by a single carbon of the ring, a third valence of the nitrogen being satisfied by another carbon of the ring, a fourth valence of the nitrogen being satisfied by a carbon of a distinct organic radical and the remaining valence being satisfied by a salt forming anion derived from a compound of the group consisting of inorganic acids, thio phenols, dithiocarbamic acid, organic carboxylic acids, organic thiocarbonic acids, alcohols, phenols, and organic xanthic acids.

2,131,245
VULCANIZATION OF RUBBER
Ira Williams, Woodstown, N. J., and Frank Rea Mayo, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application August 8, 1935, Serial No. 35,238
20 Claims. (Cl. 18—53)

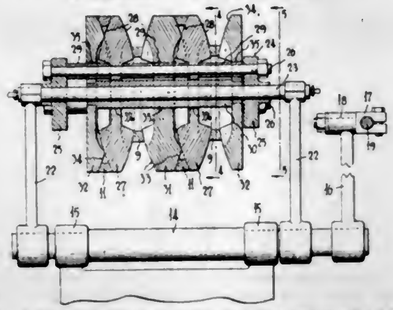
1. The method of vulcanizing rubber which comprises incorporating into the rubber mix prior to vulcanization, a small amount of a quaternary ammonium compound in which one valence of the nitrogen is satisfied by an anion derived from the group consisting of inorganic acids, organic carboxylic acids, phenols, alcohols, thio phenols and thio alcohols, and each of the remaining valences is satisfied by a distinct carbon atom at least three of which are aliphatic.

2,131,246
CARBURETOR
Claude Wilson, Los Angeles, Calif.
Application October 27, 1936, Serial No. 107,807
1 Claim. (Cl. 261—83)



In a carburetor, a cylindrical mixing chamber having a fuel and air inlet in one end thereof and a mixture outlet in its cylindrical wall substantially at its central point, a rotary gas mixer mounted in said mixing chamber, said rotary gas mixer comprising a shaft extending axially of said mixing chamber and a plurality of substantially radially-extending perforated flat blades, the blades along the length of said axial shaft being slightly inclined from their opposite ends to the central point of said rotary gas mixer, and the inclination of said blades being in the direction of rotation of said rotary gas mixer.

2,131,247
CHANGE SPEED MECHANISM
Courtney P. Winter, Chambersburg, Pa.
Application December 15, 1937, Serial No. 180,015
6 Claims. (Cl. 74—230.17)



1. A V-type belt pulley unit comprising a shaft, a sleeve rotatably mounted on and axially shiftable along said shaft, first apertured discs fixed to said sleeve and spaced from one another, supporting members rotatably and slidably mounted on the shaft outwardly of the ends of the sleeve and movable toward and away from said discs, means connecting said supporting members, said connecting means having portions of materially less diameter than the apertures of the discs and extending through said apertures to prevent any friction due to relative movement between the discs and connecting means, and an apertured second disc supported by the connecting means and arranged between the first discs, said sleeve being of materially less diameter than the aperture of the second disc and extending through the aperture of the second disc to prevent friction due to relative movement between the second disc and the sleeve, said discs having opposed inclined surfaces adapted to engage V-type belts.

2,131,248
INFANT'S GARMENT
Joseph Astrove, New York, N. Y., assignor to Tidy Products Corporation, New York, N. Y.
Application August 27, 1937, Serial No. 161,177
2 Claims. (Cl. 2—84)



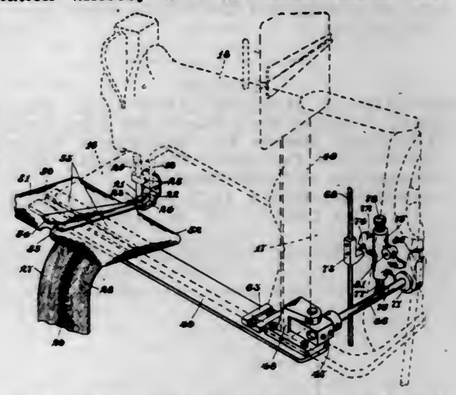
1. An infant's garment for association with an enveloping robe covering the body of the infant, a head and shoulder covering for combination therewith, comprising a cape portion having a loosely draped lower edge and covering the shoulders and having fitted thereto a hood portion adapted to be worn by the infant and preventing displacement of the cape downwardly over the shoulders, while retaining the cape portion in the loose shoulder covering condition aforesaid, and means for preventing upward displacement of the hood and cape portion during movement of the arms without displacement of the hood and cape, comprising loops or straps located in a plane constituting the axial line of movement of the arms and underlying the arm pit of the infant when worn, the opposite ends of which straps are connected to the cape portion at points at the inner surface of the cape portion substantially spaced from the lower edge of the cape portion thereby holding the cape and hood against displacement while holding the lower edge of the cape in a loosely draped and comfortable condition about the infant.

2,131,249
CONDENSATION PRODUCTS
Gerhard Balle, Frankfort-on-the-Main, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application April 20, 1936, Serial No. 75,506. In Germany August 30, 1932
1 Claim. (Cl. 260—2)

The product obtained by condensing crude cresol with oleylaldehyde in the presence of chlorosulfonic acid, said product being soluble in water while decreasing the surface tension.

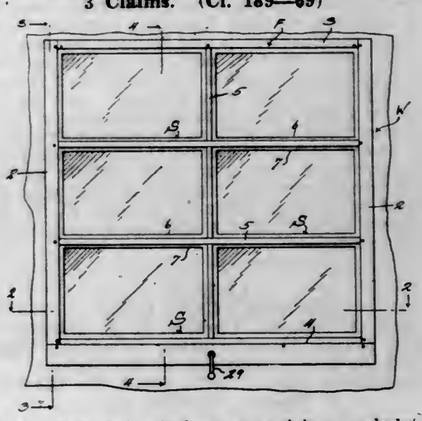
2,131,250
SEWING MACHINE
Albert Harrison De Voe, Westfield, N. J., assignor to Talon, Inc., a corporation of Pennsylvania
Application September 11, 1934, Serial No. 743,561
16 Claims. (Cl. 112—136)

2. The combination with a sewing machine having a work supporting bed, an arm having an upright portion and an overhanging portion extending over the bed, stitch forming mechanism including a reciprocating needle bar, a work feeding member, a presser foot carried by said arm, and presser foot lifting mechanism, of means for guiding a fastener strip to the stitch forming mechanism, work guides for directing the work to the stitch forming mechanism when they are in operative position adjacent said presser foot, a common support for said work guides, mechanism for lifting said support, and common operating means for said presser foot lifting mechanism and said work guide support lifting mechanism for operating the same in correlation whereby after an initial lift of said



presser foot said work guides will be lifted a sufficient distance above the work bed to allow access of the operator's hand under the work guides to place a fastener strip under said presser foot, and on a reverse movement to drop said work guides against said fastener strip while maintaining said presser foot elevated.

2,131,251
WINDOW STRUCTURE
Tito A. Ferri, Miami, Fla., assignor of one-half to B. L. Riesner, Miami, Fla.
Application May 11, 1937, Serial No. 142,049
3 Claims. (Cl. 189—69)



1. A casement window comprising a skeleton frame including a box sill and a hollow stile, an out-swinging sash on the frame having a part overlying the hollow stile when the said sash is closed, the outer wall of the stile having an opening, an inwardly directed bracket carried by the part that overlies the stile, said bracket extending within said stile through the opening, a rock shaft within the box sill, an operative connection between the rock shaft and the bracket for swinging the sash outwardly upon movement of the rock shaft in one direction and closing the sash upon movement of the rock shaft in another direction, a second shaft extending within the

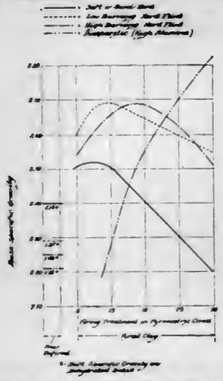
box sill and having means for rotating the same positioned exteriorly of the sill, a nut threaded upon the portion of the second shaft within the box sill, and an operative connection between the nut and the rock shaft for rocking said rock shaft upon movement of the nut lengthwise of the second shaft in a direction to either open or close the sash.

2,131,252

METHOD OF MAKING FLINT CLAY BRICK

Russell P. Heuer, Bryn Mawr, and Alex Edward Fitzgerald, Merion, Pa., assignors to General Refractories Company, Philadelphia, Pa., a corporation of Pennsylvania

Application April 3, 1937, Serial No. 134,828
5 Claims. (Cl. 25—156)



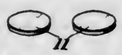
1. The process of producing dense refractory flint clay brick, which comprises preparing a mix of between 30% and 70% of hard flint clay particles from 3 to 28 mesh per linear inch, between 70% and 30% of hard flint clay particles below 48 mesh per linear inch and between 2% and 5% of bentonite, the flint clay containing between 35% and 45% of alumina and including not more than 5% of calcined clay material, molding the mix into brick under a molding efficiency above 90% and firing the brick at a minimum temperature of one pyrometric cone below the temperature producing maximum bulk specific gravity when firing lumps of the particular flint clay, the burned brick when reheated at 1600° C. for five hours showing a linear shrinkage not more than one percent.

2,131,253

INCANDESCENT LAMP

Wilfred O. Langille, Chester, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey

Application May 7, 1937, Serial No. 141,198
3 Claims. (Cl. 176—32)



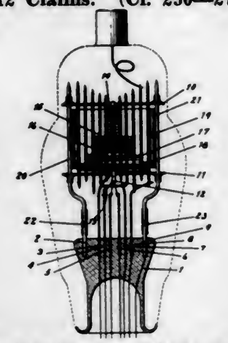
1. An incandescent lamp comprising a base consisting of a sleeve, an insulating element substantially closing one end of said sleeve and an open-ended eyelet secured within said insulating element, said eyelet having a substantially flat annular outer surface substantially flush with the outer surface of said insulating element; a bulb secured within said base; a filament within said bulb; a plurality of lead-in wires connected with said filament, one of said wires being electrically connected with said eyelet; and a preformed imperforate wear-resisting contact plate secured to said outer surface of the eyelet and electrically connected with the said one of said lead-in wires.

2,131,254

METHOD AND APPARATUS FOR MANUFACTURE OF ELECTRODES FOR ELECTRON DISCHARGE TUBES

Carl F. Miller, Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass., a corporation of Massachusetts

Application February 10, 1937, Serial No. 125,014
12 Claims. (Cl. 250—27.5)



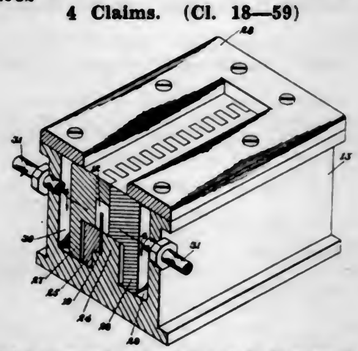
1. In combination, an electrode for a radio tube and the like, a support post for said electrode, said post having at least one end tapered to a point, and a member having a perforation through which said tapered end partially passes, the edge of said perforation being engaged by the taper on said end.

2,131,255

MAKING SLIDE FASTENERS

William Johnson Smith Naunton, Manchester, and George Henry Clifford Corner, Birmingham, England, assignors to Talon, Inc., a corporation of Pennsylvania

Application April 28, 1933, Serial No. 668,412. Renewed January 26, 1938. In Great Britain May 3, 1932
4 Claims. (Cl. 18—59)



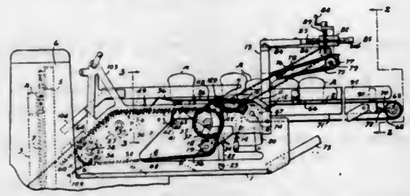
1. The method of making slide fasteners of the type having a flexible carrier and a plurality of attached interlocking elements which consists in attaching a bar of material capable of being softened by the application of heat to the edge of a flexible carrier, and thereafter applying heat to and molding the bar into a plurality of individual interlocking elements secured to and uniformly spaced apart on the edge of said carrier.

2,131,256

FEED MECHANISM FOR SLICING MACHINES

Charles H. Petskeyes, Bettendorf, Iowa, assignor to Micro-Westco, Incorporated, Bettendorf, Iowa, a corporation of Delaware

Application August 27, 1936, Serial No. 98,212
30 Claims. (Cl. 198—20)



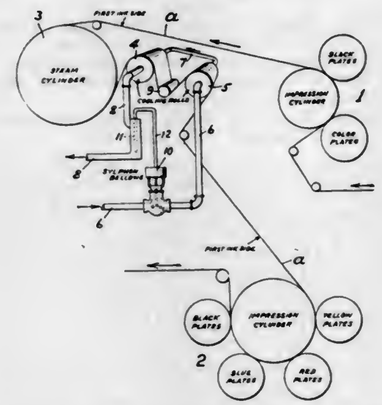
1. In a bread slicing machine, a feeding mechanism comprising a loading conveyor for receiving loaves, a feed conveyor for conducting the loaves to the slicing mechanism, and an elevator for intermittently transferring loaves from the loading conveyor to the feed conveyor over an obstruction between said conveyors, said elevator having a loaf-receiving portion of less width than a loaf to be transferred whereby subsequent loaves on the loading conveyor may effectively press against the elevated loaf to facilitate its transfer to the feed conveyor.

2,131,257

DRYING APPARATUS FOR WEB PRINTING PRESSES

Walter J. Risley, Jr., North Hills, Pa., assignor to The Curtis Publishing Company, Philadelphia, Pa., a corporation of Pennsylvania

Application August 13, 1937, Serial No. 158,906
1 Claim. (Cl. 101—416)



For use in web printing presses printing with an ink comprising a coloring material and a vehicle therefor containing a solvent with a sufficiently low vapor pressure to make the ink stable for all press room printing conditions, the combination of a means for heating the web, two cooling rolls connected in series and around which the heated web passes to cool it in two stages to substantially room temperature, and connections for passing a cooling fluid through the rolls in counterflow heat relation to the web and including an inlet valve and means adapted to control the inlet valve and responsive to the temperature of the fluid leaving the rolls which is appropriate for cooling the web to substantially room temperature.

2,131,258

IODO-PHENYLPHENOLS

Wesley C. Stoesser, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

No Drawing. Application March 7, 1936, Serial No. 67,683
2 Claims. (Cl. 260—620)

1. A mono-iodo-ortho-phenylphenol wherein the substituting iodo- group is attached to the hydroxyl-substituted benzene ring.

2,131,259

PREPARATION OF PENTACHLORO-PHENOL

Wesley C. Stoesser, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

No Drawing. Application April 28, 1937, Serial No. 139,585
4 Claims. (Cl. 260—623)

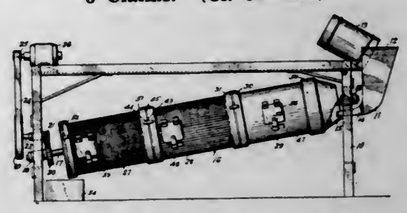
4. In a process for the preparation of pentachloro-phenol, the step which consists in chlorinating a material selected from the group consisting of phenol and the intermediate chloro-phenols in the presence of between about 0.01 and about 0.04 mols of aluminum chloride ($AlCl_3$) per mol of phenolic compound.

2,131,260

TUMBLER

George W. Temple, New York, N. Y., assignor to Victor Metal Products Corporation, Brooklyn, N. Y., a corporation of New York

Application January 12, 1938, Serial No. 184,593
5 Claims. (Cl. 51—164)



2. In a machine for conditioning soft metal slugs, a series of compartments, gates providing communication between adjacent compartments, means for revolubly supporting the compartments in a position inclined to the horizontal, a hinged door forming part of the surface of each compartment, and a foraminated member forming the remaining surface of at least one of the compartments.

2,131,261

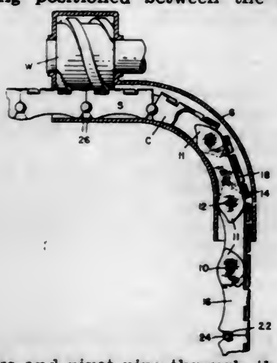
LINK CHAIN

Gedor W. Aldeen, Rockford, Ill., and Sern Madsen, Clinton, Iowa, assignors, by mesne assignments, to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa

Application April 5, 1937, Serial No. 135,124
12 Claims. (Cl. 254—95)

2. In a link chain, a chain-like element comprising a series of links, said links comprising perforated tension elements and sheet metal blanks, each of said blanks being bent to form a central web and flanges on each side thereof, said web

having a gash throughout its width, said tension links being positioned between the flanges of



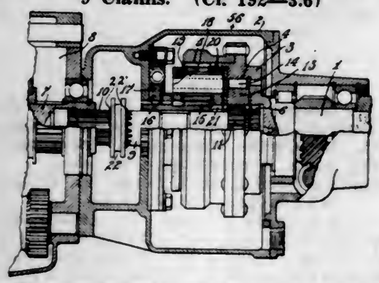
said blanks and pivot pins through the perforations of the successive tension elements.

2,131,262
CASH REGISTER
Charles H. Arnold, Dayton, Ohio, assignor to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland
Original application June 16, 1934, Serial No. 730,880. Divided and this application July 13, 1936, Serial No. 90,329
6 Claims. (Cl. 235—2)



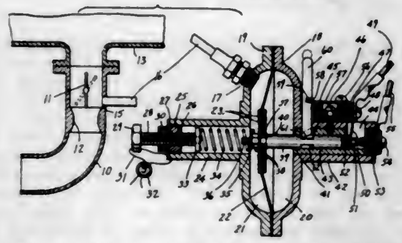
1. In an accounting machine, the combination of type carriers; differential means to adjust the type carriers; means to transmit the movement of the differential means to the type carriers; means operable when the transmitting means and the type carriers are in a predetermined position, to give the type carriers and a part of the transmitting means a movement independently of the movement given by the differential means; a total control member; and means governed by the total control member to control the moving means which gives the type carriers their independent movement.

2,131,263
OVERSPEED DRIVE CONTROL
William B. Barnes, Indianapolis, Ind.
Application January 8, 1934, Serial No. 705,787
9 Claims. (Cl. 192—3.6)



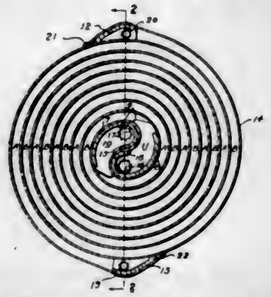
5. The combination with a transmission including an overspeed drive, a one-way direct drive and a two-way direct drive associated with an engine clutch, of means operated by the disengagement of the engine clutch for shifting said transmission out of said overspeed drive and into said one-way direct drive, said means being unaffected by the reengagement of the clutch.

2,131,264
VACUUM ACTUATED SAFETY SYSTEM FOR ENGINES
Walter E. Benjamin, Anderson, Ind., assignor to Pierce Governor Company, Anderson, Ind., a corporation
Application April 9, 1938, Serial No. 201,081
13 Claims. (Cl. 123—146.5)



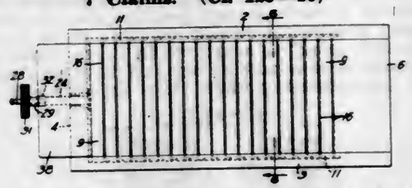
1. In a safety system for preventing "running away" of an internal combustion engine having an intake system with a control valve and Venturi means in juxtaposition thereto and provided with an ignition system, the combination of a vacuum operable device, an ignition circuit opening structure operable thereby, and means connecting the vacuum operable device to the intake system between the valve and Venturi means.

2,131,265
SPIRAL HEAT INTERCHANGER AND METHOD OF MAKING SAME
Francis R. Bichowsky, Toledo, Ohio, assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
Application March 1, 1937, Serial No. 128,318
13 Claims. (Cl. 113—118)



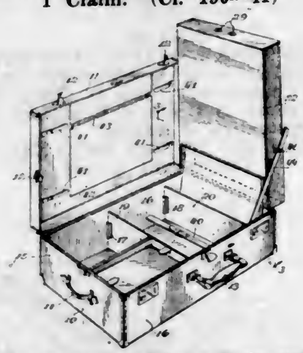
1. In a heat interchanger, a spiral fluid conductor made of a doubled-back single strip having a central web portion and lateral longitudinal flanges wound in spiral fashion and having the flanges over substantially half the strip length extending outwardly from the web in a direction opposite to that of the flanges on the other half of the strip length, thereby spacing all spirally extending portions of the strip and closing both spiral paths between said strip portions thereby obtaining two separate fluid passages.

2,131,266
TABULATING BOARD
Otto Blitz, Oakland, Calif.
Application April 26, 1935, Serial No. 18,360
7 Claims. (Cl. 129—16)



1. A tabulating board comprising a plurality of parallel relatively movable members, means disposed between two of said members for limiting the degree of movement between it and an adjoining member to provide an opening therebetween into which objects may be placed, and means for clamping all of said members together to clamp said objects in said openings.

2,131,267
WARDROBE CASE
Samuel Blumenthal, Chicago, Ill., assignor of one-half to Universal Trunk Company, Chicago, Ill., a corporation of Illinois
Application February 26, 1937, Serial No. 127,864
1 Claim. (Cl. 190—41)



Hand luggage comprising a main section and a cover therefor, a garment receiver hingedly connected with one end wall of the main section to normally form a cover for the main section and adapted to be swung to a vertical position, in which position it will lie in substantially the same vertical plane with the end wall of the main section to which it is hinged, said garment receiver having an opening provided in the bottom wall thereof adjacent its hinged end, the end of the garment receiver opposite its hinged connection with the main section having garment supporting means, said garment supporting means being adapted to receive garments, the lower ends of which are passed through said opening into the main section, and means for closing said opening to form a bottom solid wall for said receiver, whereby the latter will constitute a tray when disposed within the main section.

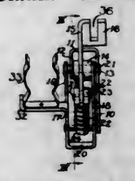
2,131,268
PREFABRICATED UNIT WALL STRUCTURE
George F. Boes, West Lafayette, Ind.
Application July 17, 1936, Serial No. 91,058
9 Claims. (Cl. 189—34)

1. A side wall unit adapted for interlocking association with other units of like or similar character, including a pair of oppositely directed spaced studding, channel shaped in cross section, and including a reversely directed flange forming an exterior groove, cross bracing interposed between said studding and in spaced relation, an exterior metal sheet having inwardly directed side flanges forming grooves and nestingly interfitting with the studding grooves rearwardly of



the plane of the metal sheet, an inwardly directed flange at the upper edge of the sheet and overlying the uppermost cross brace, an interiorly positioned and upwardly directed groove forming portion at the lower edge of said sheet, channel shaped means having one flange nestable in the last mentioned groove and another portion arranged for unit anchorage, and means securing the studding to the cross bracing.

2,131,269
SWITCH STRUCTURE
Frederick C. Byram, Springfield, Ohio, assignor to Penberthy Injector Company, Detroit, Mich., a corporation of Delaware
Application November 11, 1936, Serial No. 110,229
1 Claim. (Cl. 200—67)

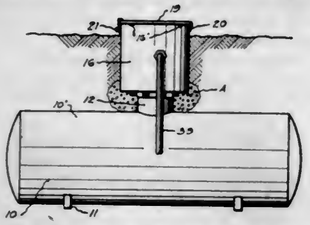


In a switch structure of the class described, a supporting frame comprising a back wall, a top wall, and a front wall depending from the top wall, a pin supported by said back wall and front wall, a hub journalled on said pin between said front and back walls, an actuating lever carried by said hub to swing on said pin, a U-shaped switch actuating frame having its rear leg receiving said pin between said hub and said back wall and having its front leg receiving said pin in front of the front wall, said front leg having a portion deflected laterally thereupon to form a support for a circuit controlling element, an abutment pin connecting said switch actuating frame legs near the yoke thereof, a toggle link structure comprising a link having a head pivoted to said lever and having a slot in its other end receiving said abutment pin, a spring encircling said link and abutting said abutment pin and said head, whereby swing of said lever will result in snap swing of said switch actuating frame, and circuit controlling means carried by said switch actuating frame.

2,131,270
STORAGE TANK
James M. Chittim, San Antonio, Tex.
Application September 2, 1937, Serial No. 162,127
5 Claims. (Cl. 62—1)

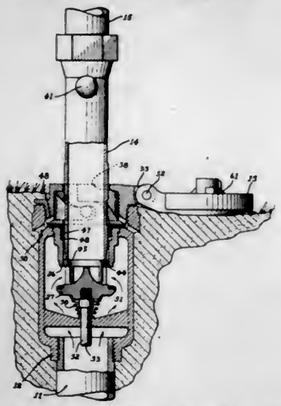
3. A storage and dispensing system for liquefied gases including a storage tank, a removable housing on said tank, a cover for said housing, a service line extending into said housing, a support for the service line in said housing, controls in said housing also carried by said support

and removable as a unit therewith, said housing having its lower portion provided with drainage



means to allow water to pass therefrom, said housing having its upper portion beneath said cover provided with gas discharge means.

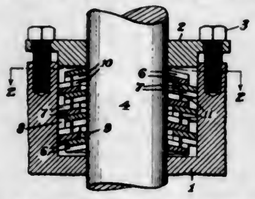
2,131,271
IRRIGATION DEVICE
Walter H. Coles and Bert J. Nelson, Troy, Ohio, assignors to The Skinner Irrigation Company, Troy, Ohio, a corporation of Ohio
Application May 8, 1936, Serial No. 78,688
5 Claims. (Cl. 284—19)



5. A sprinkling apparatus of the character described comprising a valve casing including a body member adapted to be supported under ground with its upper end substantially at the ground level, a valve seat member removably supported in said body member and adapted to be freely withdrawn upwardly therefrom merely by axial movement of said valve seat member, a valve seat in said valve seat member; a top member extending upwardly from the body member a small distance and detachably connected thereto and securing the valve seat member in position, a valve in said body member cooperating with the valve seat and guided in said valve seat member, and means normally holding said valve against said valve seat, said valve being withdrawable upwardly from the body member while the latter remains in position under the ground.

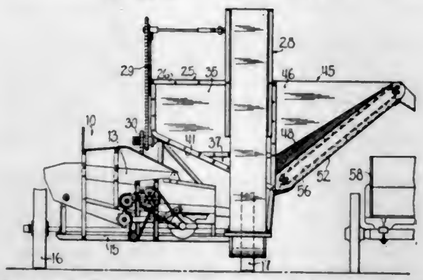
2,131,272
METALLIC PACKING
Harold N. Comins, Wakefield, Mass.
Application August 3, 1936, Serial No. 93,960
4 Claims. (Cl. 286—31)

1. In a packing to be positioned in a packing box around a shaft and to be compressed by a gland, a pair of overlapping members each of hard, thin, sheet spring metal of conic flattenable cross section having a central opening to accommodate the shaft, one of said members having its normal inside diameter corresponding substantially to the external diameter of said shaft and its outside diameter substantially less than the diameter of said packing box, the other of said members having its normal outside diameter corresponding substantially to the internal diameter of said packing box and its inside diameter substantially greater than the diameter of



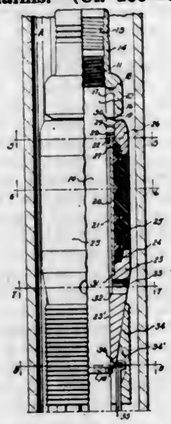
said shaft, said members being positioned in said packing box so that when the gland is tightened said members are flattened to effect an increase in the outside diameter of the first member and a decrease in the inside diameter of said second member, and a decrease in the inside diameter of said first member, and an increase in the diameter of said second member to establish a spring pressure contact with said shaft and said packing box respectively.

2,131,273
COMBINED TANK AND ELEVATOR UNIT FOR AGRICULTURAL IMPLEMENTS
Wilbur J. Coultas and Nolan D. Colvin, Moline, Ill., assignors to Deere & Company, Moline, Ill., a corporation of Illinois
Application May 20, 1935, Serial No. 22,285
1 Claim. (Cl. 56—18)



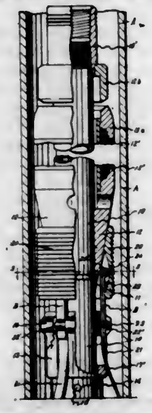
An agricultural machine comprising the combination of a corn picker having a supporting wheel, a grain receiving section carried on the picker in a relatively low position and having a laterally and downwardly sloping bottom wall and a pair of fore and aft end wall portions converging downwardly toward one side of the picker substantially directly above said wheel, an elevator section including side walls extending laterally outwardly and upwardly substantially from the junction of the bottom and end wall portions substantially directly above said wheel and a bottom wall joining said side walls in grain tight relation and inclined upwardly and laterally outwardly of the picker, elevating means operable over said inclined bottom wall to empty said receiving section, and an elevator fastened to the rear wall of said receiving section substantially in the plane of said wheel and adapted to receive corn from said picker and to deliver the same into said receiving section over the rear wall thereof.

2,131,274
PACKER
Charles S. Crickmer, Dallas, Tex., assignor to Merla Tool Company, Dallas, Tex., a firm
Application July 24, 1936, Serial No. 92,428
8 Claims. (Cl. 166—12)



1. A well packer including, a support having a fluid passage therethrough, a packing element mounted on said support, a valve seat above said element, a valve carried by the support and adapted to engage the seat being normally in an open position to permit flow of fluid through the packer, means for distorting the packing element into its packing position, means for closing the valve above said element to cut off the flow of fluid through the support when the packing element is set, and means confined by the packing element and movable with relation thereto for sealing the point of intersection of the valve and seat.

2,131,275
SLIP MOUNTING
Charles S. Crickmer, Dallas, Tex., assignor to Merla Tool Company, Dallas, Tex., a firm
Application September 18, 1936, Serial No. 101,375
11 Claims. (Cl. 166—12)



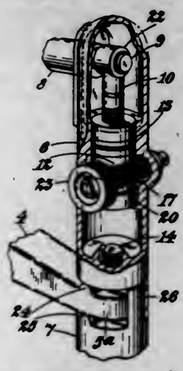
1. A slip mounting including, a support having gripping slips slidably mounted thereon, a movable member mounted on the support below the slips, links connecting the slips and member, each link having its upper end pivoted to one of the slips, its central portion pivoted to the upper end of the movable member and its lower end engaging the side of said member, and friction springs on the member below the links.

2,131,276
BINDING OR BINDING ELEMENT FOR BOOKS AND THE LIKE
George B. Dessart, Brooklyn, N. Y., assignor to Cercla, Inc., Chicago, Ill., a corporation of Illinois
Application May 7, 1935, Serial No. 20,153
2 Claims. (Cl. 281—25)



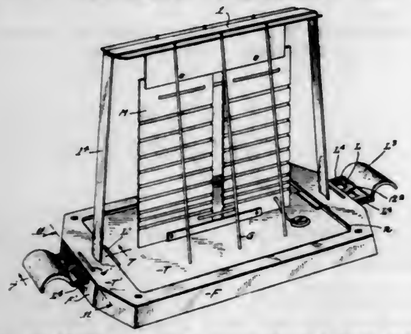
1. A device of the character described, including an elongated base member having one edge bent back on itself to form a reinforced edge, a plurality of spaced, narrow strips bent up from said reinforced edge and having free ends, said base member having means along its opposite edge to clamp and hold said free ends of said strips, said means including a flange extending along the opposite edge of said base member and bent back on said base member and having sockets for receiving and holding said free ends of said strips.

2,131,277
ROLL ADJUSTING MEANS FOR GRAIN MILLING MACHINES
Auguste Frérotte, Liege, Belgium, assignor to Henry Simon Limited, Stockport, England, a British company
Application July 2, 1937, Serial No. 151,653
In Belgium August 10, 1936
4 Claims. (Cl. 83—12)



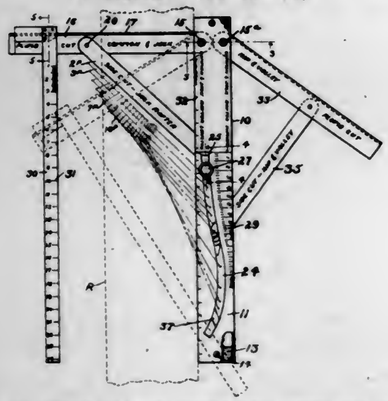
1. A milling machine comprising a frame, two milling rollers, a mounting fixed to the frame for one roller, another mounting for the other roller adjustably secured to the frame so that it is movable in an up-and-down direction, an adjusting eccentric on the frame above the movable mounting, an upright threaded rod disposed above the movable mounting, and suspended at its end from the adjusting eccentric and fixed against rotation, a nut engaging said rod, a hollow casing secured to said movable mounting, a thrust race mounted in said casing above said nut which is rotatably mounted in the casing, a hand-wheel and step-down gearing mounted on the casing for rotating said nut.

2,131,278
ELECTRIC TOASTER WITH DETACHABLE SHELL
James J. Gough, Chicago, Ill., assignor to Chicago Electric Manufacturing Company, Chicago, Ill., a corporation of Illinois
Refiled for abandoned application Serial No. 73,565, April 9, 1936. This application February 8, 1938, Serial No. 189,399.
17 Claims. (Cl. 53—5)



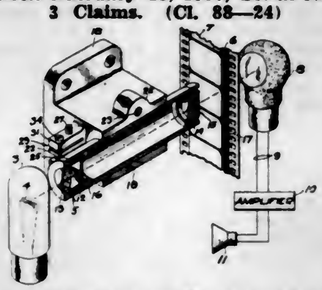
1. An electric toaster, comprising a base member; a heating unit disposed above and supported by the base member; a cap-like shell having its mouth end seated upon the base member, the shell and the base member having interengaging parts defining the position of the shell on the base member; and manually actuable latching means for releasably clamping the shell to the base member, the said latching means being movably supported by the base member and having their latching portions concealed by the base member.

2,131,279
FRAMER FOR RAFTERS
Robert L. Greve, Alhambra, Calif.
Application September 26, 1936, Serial No. 102,717
9 Claims. (Cl. 33—98)



1. A device of the character described comprising a pair of parallel spaced side plates with means for holding them apart to produce a hollow stock member with open spaces between the edges of the plates, a pair of parallel pivot members extending transversely through the stock near one of its ends, a blade pivoted on one of said members and adapted to swing from an outer position to an inner position where it is housed within the stock, a scale impressed upon one of said side plates to designate roof pitches, an index member adapted for movement on the stock alongside said scale, a link connecting the said blade with said index member, the angles of the blade and link with the stock varying as the index member is moved and the blade and link being adapted to serve as markers for the plumb and side cuts, respectively of a jack rafter having the pitch for which the index member is set, a second blade pivoted on the other of said pivot members for swinging from an outer position to an inner position where it is housed within the stock, said second blade moving in a plane which is parallel with but is spaced from the plane of movement of the first mentioned blade, both of said blades pivoting from the same end of the stock member and lying side by side in said member when they are in closed position, a scale denoting pitches of hip and valley rafters impressed upon the other of the side plates of the stock, a second index member adapted for movement on the stock alongside the last mentioned scale, and a link connecting said second blade and said second index member, said second blade and its link being adapted for marking the plumb cut and side cut respectively of a hip or valley rafter having the pitch indicated by the second index member upon said second scale.

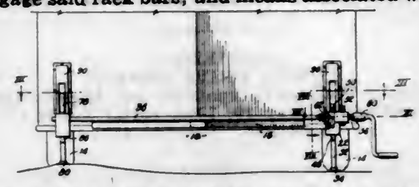
2,131,280
ADJUSTMENT FOR OPTICAL SYSTEMS
Paul Haas, Glendale, Calif., assignor to United Research Corporation, Burbank, Calif., a corporation of Delaware
Application February 15, 1936, Serial No. 64,106
3 Claims. (Cl. 88—24)



1. In an optical system for a sound reproducing apparatus, a lens tube, a support for said tube, a slit forming member in said tube, and an azimuth adjusting means for said tube comprising, a lug on the circumference of said tube, a pair of substantially rigid projections on said support, screws threadably mounted in said projections for engaging opposite sides of said lug and adapted to adjust the azimuth of said tube, the ends of said screws contacting said lug being substantially flat flexible projections on said support adjacent each of said first mentioned projections, said screws being threaded through said flexible projections, and clamp screws passing through said rigid projections and threaded into said flexible projections.

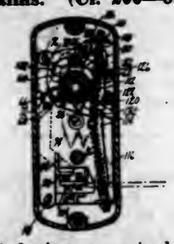
2,131,281
TRAILER JACK
John T. Harbes, Kansas City, Mo.
Application February 24, 1937, Serial No. 127,391
7 Claims. (Cl. 254—86)

1. A jack for a trailer having a body and a pair of supporting wheels adjacent one end thereof comprising a pair of jack housings adjacent the other end thereof; a vertically adjustable rack bar in each of said jack housings; a transverse shaft having spaced apart gears adapted to respectively engage said rack bars; and means associated with



each of said jacks operable to selectively release said rack bars from said gears to permit free movement thereof whereby different relative adjustments of the rack bars may be obtained.

2,131,282
AUTOMATIC SWITCH WITH POSITIVE DEFROST AND QUICK FREEZE ADJUSTMENTS
Malcolm E. Henning, Des Moines, Iowa, assignor to Penn Electric Switch Co., Des Moines, Iowa, a corporation of Iowa
Application May 5, 1934, Serial No. 724,092
2 Claims. (Cl. 200—83)



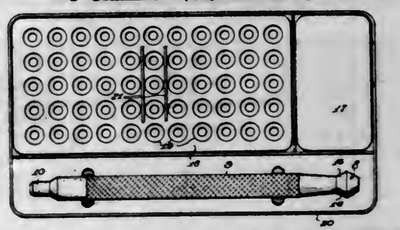
1. In a control device, a control member movable to two opposite positions, condition responsive means tending to move said control member at times to one of said positions and at other times to the other of said positions, means for modifying the action of said control member as affected by said condition responsive means comprising a pair of elements, manually movable means to position one of said elements in position tending to resist movement of said control member to one of said positions and the other element tending to resist movement of said control member to the other of said positions, said elements each positively moving said control member to the desired position if the control member is, at the time of operation of the element, in the undesired position, one of said elements coacting with said manually movable means to normally tend to retain it in non-operative position.

2,131,283
SKI HEEL
Don C. Hubbard, Auburn, Maine
Application August 24, 1936. Serial No. 97,611
2 Claims. (Cl. 36—35)



1. A molded rubber heel for a ski boot comprising a side wall and a strap retaining bottom flange emerging from said side wall at substantially the widest part of said heel and increasing to a desired width as the width of said heel decreases and said side wall including a portion outwardly curved to the edge of said flange, said portion commencing at a point midway between said flange and the top of said wall at the widest part of said flange and receding towards said flange as the width of said flange diminishes to present a gradually increased surface at the rear of the heel to resist strap slippage.

2,131,284
VACCINATING METHOD AND MEANS
Jesus Maria Isturiz, Caracas, Venezuela
Application October 12, 1937, Serial No. 168,649
In Venezuela June 28, 1937
8 Claims. (Cl. 128—333)



1. In combination, a vaccine point comprising a shank, a transversely enlarged part near the lower end of the shank adapted to support the vaccine point with its shank in a vertical position, and a projection beyond the enlarged part shaped, when drawn across the epidermis, to frictionally impress into the said epidermis a previously applied vaccine virus, and a holder comprising a clutch adapted to engage said vertically disposed shank and manipulated by the same hand in which the clutch is held during the vaccine operation.

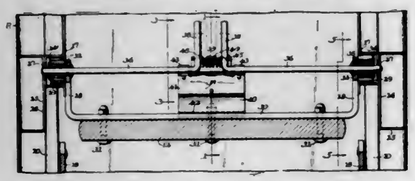
2,131,285
BRAKE LEVER CONSTRUCTION
Herbert S. Jandus, Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill., a corporation of Michigan
Application October 14, 1936, Serial No. 105,458
2 Claims. (Cl. 74—531)



1. Brake lever construction including a fixed supporting plate, a lever member pivoted to said plate between the lever ends, said lever having a hand grip at one end and a brake connection at the other end, a floating sector bar pivoted at one end to the said supporting plate with its other end free, a member in the form of a bell crank pivoted at its angle to said lever with one leg astraddle said sector bar and having portions

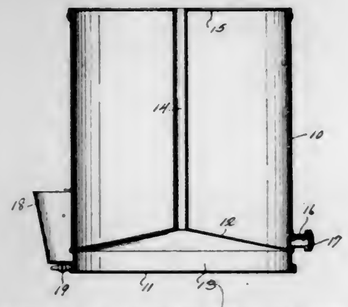
adapted to have biting engagement with upper and lower faces of said bar, a release rod connected to the other leg of said crank, and a spring acting against the first mentioned leg of said crank to normally maintain said leg in biting engagement with said bar, the convexity of said sector bar being arranged facing the lower end of said lever.

2,131,286
LOCKING MEANS FOR IRONER SUPPORTING MECHANISM
Joseph W. Jensen, Chicago, Ill., assignor to Electric Household Utilities Corporation, Chicago, Ill., a corporation of Illinois
Application June 3, 1936, Serial No. 83,236
16 Claims. (Cl. 312—28)



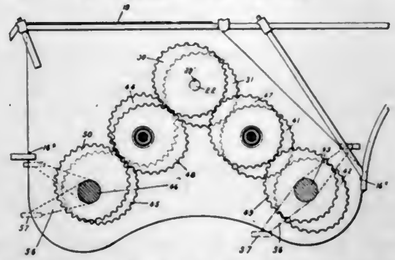
1. In a structure of the class described, the combination with a cabinet; of an instrument support adapted to occupy a vertical position within the cabinet or a horizontal position exteriorly of the cabinet; means connecting the support to the cabinet for guiding the support for movement into and out of the cabinet, said means being formed and arranged for causing the inner end of the support to move in an upwardly and inwardly path into the cabinet, or in a downwardly and outwardly path out of the cabinet; and cooperating locking means on said support and cabinet for locking the unit against unintentional movement with respect to the cabinet.

2,131,287
DOUBLE BOILER
Walter T. Kelley, Paducah, Ky.
Application January 4, 1938, Serial No. 183,387
1 Claim. (Cl. 53—1)



A boiler of the character described, comprising a container having a bottom and a conical false bottom disposed within the container above the first-named bottom and having a vent opening at its center with a vent pipe extending upward from this opening to the top of the container, means bracing the vent pipe from the side wall of the container, an outlet spout extending from the container just above the lowest portion of the false bottom and having a gate, and a filling hopper opening into the space defined between the first-named bottom and the false bottom, the inlet hopper extending up along the side wall of the container and being open at its upper end.

2,131,288
POWER DRIVE DEVICE
Ephraim Wallace Kirkpatrick, Los Angeles, Calif
Application May 19, 1936, Serial No. 80,549
3 Claims. (Cl. 74—437)



1. In a drive device, a train of meshing gears, said train including two portions arranged at an angle to each other, each of said portions including three gears mounted to rotate about axes disposed in a straight line, each of said gears being elliptical and mounted to rotate about an axis coincident with one of its foci, each of said gears being 180° out of phase with each gear with which it meshes.

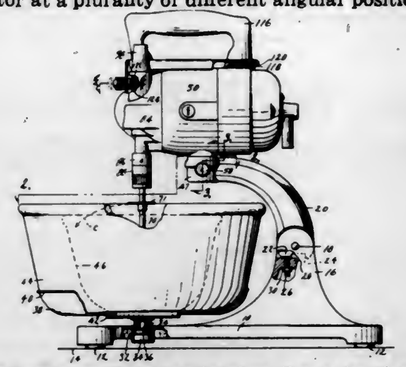
2,131,289
PRINTING TYPE AND METHOD OF MANUFACTURING
Lewis H. Klein, Chicago, Ill.
Application April 12, 1935, Serial No. 15,963
6 Claims. (Cl. 101—401.2)



1. As an article of manufacture, the combination of a plurality of similarly shaped rules and similarly shaped spacers assembled together to form a unit, some of said rules and spacers being slotted, some of said rules being beveled and some of said rules and spacers having rounded portions thereon forming a circular portion, and all of said rules and spacers in said unit forming a complete letter.

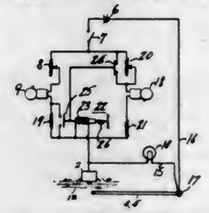
2,131,290
FOOD MIXER AND FRUIT JUICE EXTRACTOR
William B. Kochner and Eugene Newnham, St. Louis, Mo., assignors to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri
Application May 21, 1935, Serial No. 22,569
5 Claims. (Cl 259—84)

1. In a device of the class described, a base, a bowl supported thereon, a motor support extending upwardly from said base and overhanging said bowl, a motor pivotally mounted on said motor support on an axis off-center relative to the axis of said bowl, and a mixer element depending from and operatively connected with said motor for cooperation with the contents of said bowl and pin and socket means to position said motor at a plurality of different angular positions



relative to a plane containing the axis of said bowl and said first-mentioned pin.

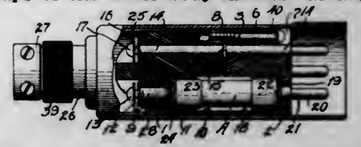
2,131,291
SIGNAL SYSTEM FOR EXCAVATORS
Charles I. Maust, Summit, N. J.
Application June 16, 1936, Serial No. 85,500
12 Claims. (Cl. 177—311)



1. In combination with an excavator having a digging tool, a signal system for notifying the operator when the tool approaches a service member and the nearness of approach, comprising a signal device and a circuit for controlling the operation of the signal device, said circuit including a source of current, the excavator digging tool, the variable resistance of the layer of earth between the digging tool and the service member, and the service member, the constants of the circuit and the character of the signal device being such that the signal device is effectively operated at a predetermined distance of approach of the digging tool to the service member and is operated with increased intensity upon further approach.

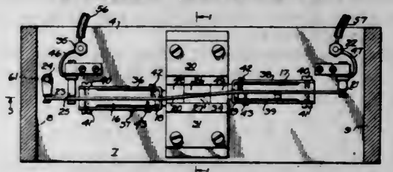
2,131,292
FUSE EJECTOR
Thomas E. McDowell and William A. Wulle, Chicago, Ill., assignors to The Pyle-National Company, Chicago, Ill., a corporation of New Jersey
Application April 19, 1937, Serial No. 137,669
1 Claim. (Cl. 200—115.5)

An electrical connector of the class described comprising a shell having an open end to receive a mating connector; an insulating pin carrying body within said shell enterable through said open end and bottomed within said shell with its outermost face spaced inwardly of said open end; said body comprising two members connected together with adjacent end faces in contact and at right-angles to the casing axis; screw means available through said open end for securing said two members together within said casing; male contact pins projecting outwardly of the outermost face of said body with the pin extremities terminating inwardly of the plane of said open end; said body members being counterbored through their adjacent faces to provide cartridge fuse pockets; contact cups bottomed in said pockets and connected in circuit relation; and repellant springs in the cups of the inner body member arranged to



connect the fuses in circuit relation and possessing sufficient strength to automatically push the fuses endwise out of the said cups and therewith move the outer body member axially of the shell when said screw means are relieved, thereby freeing the fuses from the cups of the inner member and enabling ready removal of the outer body member by digital prehension with the fuses still in the cups of said outer member.

2,131,293
SOUND RECORDING
Burton F. Miller, Hollywood, Calif., assignor to United Research Corporation, Long Island City, N. Y., a corporation of Delaware
Application July 5, 1935, Serial No. 29,931
2 Claims. (Cl. 179—100.3)

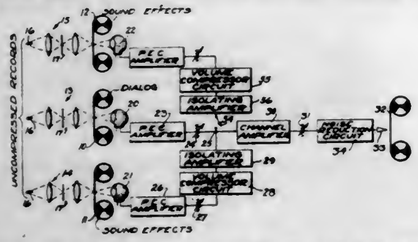


1. A device for recording sound waves which comprises a system for transmitting light from a source to a photographic film, means for varying the amount of transmitted light comprising a member arranged in a magnetic field and having an elongated slit therein, a single electrical conductor arranged in the same magnetic field as said member and adjacent the slit in said member to define a light transmitting slot, means for supplying electrical current to said conductor to effect variation in the space relation between said conductor and said slit in accordance with the instantaneous values of said currents, and means for supplying a current to said conductor to effect a variation in the spaced relation of said conductor with respect to said slit in accordance with the envelope of said electrical currents, said conductor and said slit being disposed in oblique relation to each other.

2,131,294
SOUND RECORDING
William A. Mueller, Hollywood, Calif., assignor to United Research Corporation, Burbank, Calif., a corporation of Delaware
Application February 10, 1936, Serial No. 63,087
1 Claim. (Cl. 179—100.3)

An apparatus for re-recording from a source of primary sound and from a source of secondary sound upon a standard noise reduction sound record comprising means for generating electrical currents corresponding to said secondary sound, means for generating electrical currents

corresponding to said primary sound, means for varying the amplitudes of the currents corresponding to said primary sound in a substantially constant ratio, means for varying the amplitudes of the currents corresponding to said secondary sound, said variations being such that the higher amplitudes are varied in a ratio different from said lower amplitudes, means for



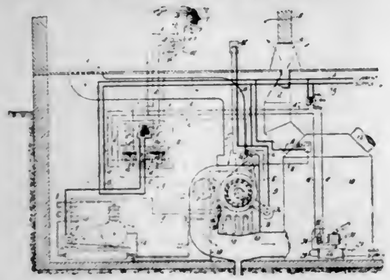
adjusting the absolute amplitudes of said high level secondary currents to have a non-interfering relationship with the currents of said primary sound, means for combining the primary sound currents and the secondary sound currents in a common channel, and means for recording said combined currents into a standard noise reduction record.

2,131,295

ROOM TEMPERATURE CONTROLLING SYSTEM

Lawrence M. Persons, Des Moines, Iowa, assignor to Penn Electric Switch Co., Des Moines, Iowa, a corporation of Iowa

Application December 17, 1934, Serial No. 757,885
15 Claims. (Cl. 236—44)



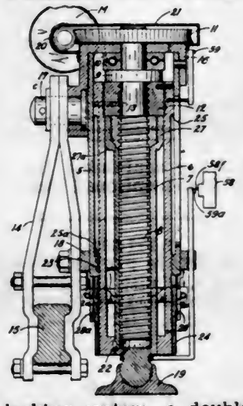
2. In a system of the character described, heating means, a room thermostat for electrically controlling said heating means, cooling means, control means for selectively rendering either said heating means under the control of said room thermostat or said cooling means operative, air circulating means, a thermostatic switch responsive to the temperature of said heating means for controlling said air circulating means, said control means when rendering said cooling means operative connecting said air circulating means with said room thermostat for control thereby, humidity content changing means associated with said air circulating means, a humidostat responsive to the humidity of the circulated air, said humidity content changing means being controlled during the operation of the heating means by said switch responsive to the temperature of said heating means in conjunction with said humidostat, said control means, when in position rendering said cooling means operative causing said humidity content changing means to be controlled from said room thermostat in conjunction with said humidostat, said cooling means including a refrigerating unit and a cooling unit for the circulated air.

2,131,296

ELECTRIC VEHICLE JACK

Joseph D. Petsche and Victor Bezjak, Cleveland, Ohio

Refiled for abandoned application Serial No. 759,027, December 24, 1934. This application March 19, 1936, Serial No. 69,709
3 Claims. (Cl. 254—102)



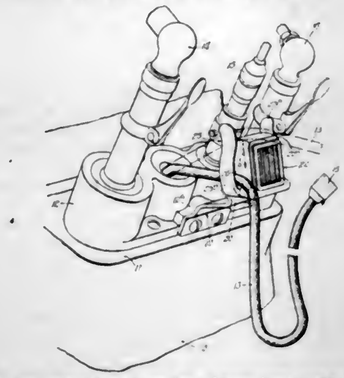
1. In a jacking system, a double-throw jack comprising a housing, inner and outer telescoping lift members mounted in said housing, a screw for driving said inner lift members, said inner lift member being provided with an abutment at its upper end adapted to engage the outer lift member after it has been fully extended and move it into driving engagement with said screw, and means for locking the inner and outer lift members to one another when the inner lift member reaches an extended position, said means comprising expansible members arranged to be expanded by said abutment and thereafter engage over the top of the latter and hold it in extended position in the lower extremity of the outer lift member.

2,131,297

CORD STRAIN RELIEF MEANS

Oscar H. Pieper, Rochester, N. Y.

Application May 31, 1935, Serial No. 24,327
6 Claims. (Cl. 32—22)



4. In combination in clamping means of the character described, a box-like casing comprising front and rear and side walls, clamping members disposed adjacent and extending lengthwise of the side walls of said casing exterior thereof, each of said members being pivoted adjacent its lower end on an axis extending from front to back of the casing and each being provided with an element extending upward and inward within the casing, and a tension spring within said casing connecting said elements and yieldingly urging said members toward said side walls of said casing.

2,131,298

PROCESS FOR THE PHOTOMECHANICAL PRODUCTION OF SINGLE- OR MULTI-COLOR PICTURES OR WRITING ON HARD MATERIAL

Leopold Prinz, London, England, and Paul Morgenstern, Vienna, Austria, assignors to The Primographic Company Limited, London, England, a British company

Application February 8, 1937, Serial No. 124,738
In Austria February 13, 1936
1 Claim. (Cl. 95—5.5)



A process for the photomechanical production of multi-color pictures or legends on hard material, comprising the steps of exposing to light through a transparency comprising an original to be copied, a light-hardenable coating on the hard material that contains alum in solution and exhibits a differential hardening on exposure to light, spraying a plurality of powdered mineral pigments with the aid of stencils, one for each color, which pigments are each dispersed in a fluid medium comprising approximately 10% of printer's varnish, 30% of a readily volatile liquid and 2% of oil of lavender, dusting the exposed coating with talcum powder after the colored fluid medium has been applied thereto, developing the dried colored exposed coating by removing its unhardened parts by washing with water, and removing surplus coloring matter from the developed coating.

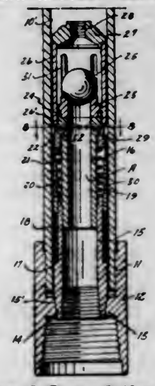
2,131,299

PUMPING APPARATUS

George E. Reagin, Tulsa, Okla.

Application May 24, 1937, Serial No. 144,397
11 Claims. (Cl. 103—221)

1. A pumping apparatus including, a standing valve assembly supported within a working barrel, a plunger assembly arranged to reciprocate in the barrel above the standing valve assembly and having a travelling valve mounted thereon, both valves being arranged to permit an upward flow of fluid through the assemblies and to prevent a down flow therethrough, and means for unseating the travelling valve and means for bypassing the fluid around the standing valve to



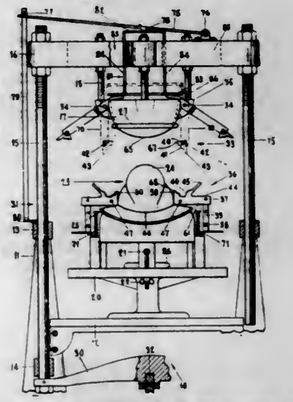
allow a downward flow of the fluid through the assemblies.

2,131,300

HAT BODY BLOCKING AND STRETCHING MACHINE

Isidore Reiser, New York, N. Y.

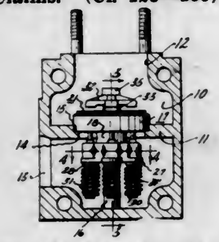
Application June 14, 1937, Serial No. 148,162
3 Claims. (Cl. 223—15)



1. In a hat blocking and stretching machine comprising a fixed lower unitary crown and brim molding member and a complemental upper hollow molding member mounted for movement in circumscribing relation over the crown of said lower mold member and down to the brim thereof, heating means mounted centrally of said lower molding member for heating said member interiorly thereof, further heating means mounted on the exterior surface of said upper molding member for heating said member exteriorly thereof, a plurality of two-part jointed clamping members pivotally mounted at diametrically opposite points adjacent the lower mold member, a plurality of two-part jointed clamping members pivotally mounted at diametrically opposite points on said upper mold member, said upper clamping members being respectively in alinement with said lower clamping members and providing coacting sets of upper and lower clamping jaws, each of said upper jaws having a plurality of downwardly facing teeth for interlocking engagement with a plurality of teeth on said lower jaws, said lower clamping members having integral angular guide members for centering said hat

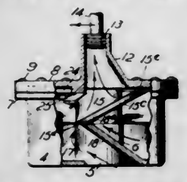
body with said lower molding member prior to said interlocking engagement of said jaws, each of said lower clamping members comprising two angularly disposed pivotal members having clamping teeth adapted to move on top of said brim and to follow the contour thereof, said co-acting sets of jaws being disposed for swinging movement away from spaced points around said hat body and for stretching said hat body, and means for automatically swinging said upper clamping members upwardly sufficiently to permit mounting of a hat body on said lower mold member when said upper mold member moves up into non-operative position.

2,131,301
VALVE
Howard A. Rike, Fort Worth, Tex.
Application July 12, 1937, Serial No. 153,195
12 Claims. (Cl. 123—188)



1. A valve assembly adapted to be mounted in the valve intake chamber of a gas engine having a valve seat therein including, a head mounted on the valve seat of said engine, and a plurality of valve members movable in the head and operable by the engine suction for controlling the admission of fuel to said engine.

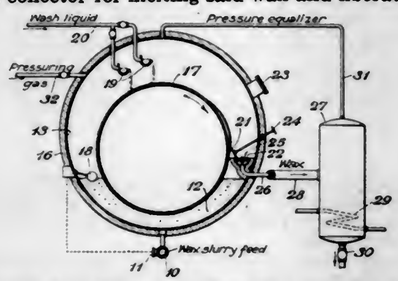
2,131,302
ROTARY PUMP
Otto C. Selle, Denver, Colo.
Application April 13, 1936, Serial No. 74,083
2 Claims. (Cl. 103—89)



2. A rotary pump comprising a cylindrical housing having an inlet and an outlet in axial alinement, a vaned propeller positioned in the housing adjacent the outlet, an annular inlet chamber in the housing between the inlet port and the propeller and axially open to the propeller, and a helical partition in the chamber preventing direct axial flow between the inlet and the outlet and inclined in the direction of rotation of the propeller.

2,131,303
REMOVAL OF WAX FROM ROTARY FILTERS
Robert B. Selund, Calumet City, Ill., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application June 29, 1936, Serial No. 87,897
11 Claims. (Cl. 196—19)

5. In a dewaxing system, a closed filter chamber, a rotatable filter element mounted in said chamber, a wax scraper for removing wax cake from said filter element, a thermally insulated wax collector in said chamber for receiving wax discharged from said scraper, a heater in said wax collector for melting said wax and liberating



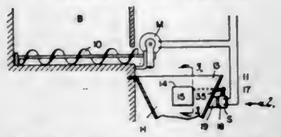
propane therefrom, a conduit for removing molten wax from said wax collector to a point outside of said wax filter chamber and means for maintaining a substantially constant pressure in said filter chamber.

2,131,304
SELECTOR FOR CONTROL CLOCKS
Burton E. Shaw, Adel, Iowa, assignor to Penn Electric Switch Co., Des Moines, Iowa, a corporation of Iowa
Application December 22, 1936, Serial No. 117,168
8 Claims. (Cl. 200—38)



1. The combination of a control clock having a switch, a movable element for opening said switch when said movable element assumes one position, a second movable element for closing said switch when said second movable element assumes one position and a pair of clock actuated members, one for moving one of said movable elements to its said one position and the other for moving the other of said movable elements to its said one position, of a selector for preventing such movement by said movable elements comprising a single control handle operatively connected with said switch and operable to move it to and positively retain it in either open or closed positions and incapable in said positions of being operated by said movable elements.

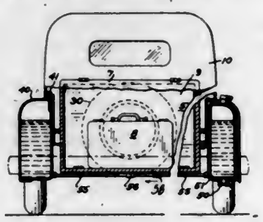
2,131,305
STOKER HOPPER SWITCH
Burton E. Shaw, Adel, Iowa, assignor to Penn Electric Switch Co., Des Moines, Iowa, a corporation of Iowa
Application April 27, 1937, Serial No. 139,251
7 Claims. (Cl. 200—52)



1. In a stoker hopper switch, a rock shaft, a plate having one edge connected therewith, means biasing said rock shaft to rotate and project the free edge of said plate into the stoker hopper, a control switch and an operative connection between said rock shaft and said control switch,

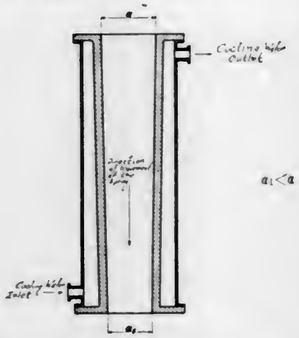
said control switch including a casing and an operating element projecting therefrom for the switch mechanism of the control switch, a movable actuator having a cam lobe coacting with said operating element.

2,131,306
MOTOR VEHICLE
Brooks Walker, Piedmont, Calif.
Application April 23, 1936, Serial No. 75,925
4 Claims. (Cl. 280—5)



1. In an automobile including a body supported on wheels, fenders for said wheels at least one whereof has a side extended downwardly forming a skirt, and has a tank wholly contained therein behind said skirt and of a width substantially equal to the width of the fender.

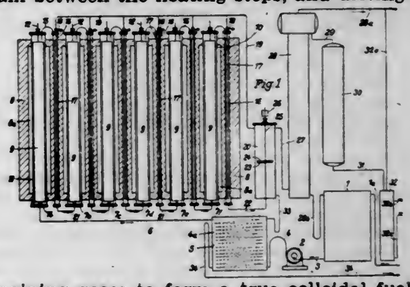
2,131,307
CHILL FOR CONTINUOUS STRING CASTING
Gerhard Behrendt, Duisburg-Laar, Germany
Application November 12, 1936, Serial No. 110,538
In Germany October 25, 1935
3 Claims. (Cl. 22—57.2)



1. A rigid chill for string casting of steel, the cross sectional area of the chill decreasing in the direction in which the string is adapted to move therethrough, and the extent of the decrease not exceeding that of the shrinkage of the string.

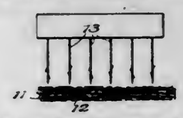
2,131,308
PRODUCTION OF COLLOIDAL FUEL
Erwin Blümner, London, England
Application January 18, 1936, Serial No. 59,753
In Great Britain January 21, 1935
3 Claims. (Cl. 44—8)

1. A process for the production of colloidal fuel comprising pulverizing solid bituminous fuel and suspending the same in high-boiling hydrocarbon oil, successively subjecting the mixture to heat and pressure in step by step operations with the heat progressively reduced, removing gas and steam between the heating steps, and driving off



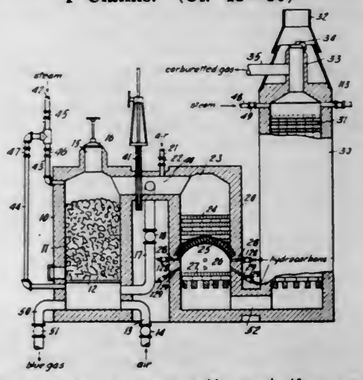
remaining gases to form a true colloidal fuel of the residue.

2,131,309
ABRADING APPLIANCE
Kenneth H. Bowen, Auburn, N. Y., assignor to Columbian Rope Company, Auburn, N. Y., a corporation of New York
Application May 14, 1938, Serial No. 208,071
6 Claims. (Cl. 51—195)



3. A disc-like body for an abrading member comprising a lamination consisting essentially of a sheet of reinforcing material and a layer of promiscuously disposed fibres covering the side surface of said sheet with portions of the fibres projecting through said sheet, and a binder uniting said fibres and reinforcing sheet in a unitary mass.

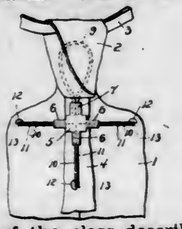
2,131,310
CARBURETED WATER GAS APPARATUS
Hiram J. Carson, Omaha, Nebr.
Application December 9, 1933, Serial No. 701,590
4 Claims. (Cl. 48—80)



4. In a water gas generating set, the combination with a water gas generator; of a carbureter having a main vertical passage therethrough from top to bottom with a single inlet only at the top for alternate admission of blast and water gases and a single outlet only at the bottom for said gases; means for conducting blast gases and water gas produced in said generator into the carbureter through said inlet; means for introducing air for secondary combustion

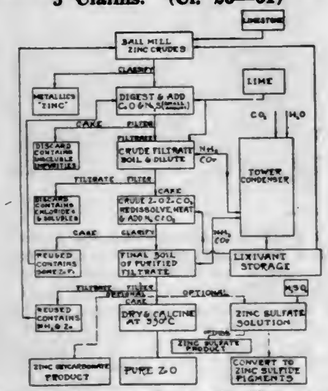
into said blast gases; a combustion chamber in the upper portion of said passage of the carbureter for the secondary combustion of blast gas and admixed air passing through the carbureter; heat regenerating means located within said main passage with the top thereof disposed in proximity to said inlet and the bottom thereof terminated above and distant from said outlet, for the absorption of heat of the secondary combustion of the blast gases of one run and the ignition of the blast gases in the next succeeding gas run; a carbureting chamber extending a substantial distance vertically in said main passage and located above said bottom outlet and immediately below said heat regenerating means; and means, located below said heat regenerating means for injecting hydro-carbons into the stream of water gas during that portion of the vertical downward path of travel of the water gas after passing said heat regenerating means and substantially prior to the passage of the water gas into said outlet, said hydro-carbon injecting means including a nozzle positioned to deliver the hydro-carbons in an upward direction and countercurrent to the downwardly moving water gas stream.

2,131,311
NECKTIE PIN
Michael S. Cirelli, Ellwood City, Pa.
Application May 31, 1938, Serial No. 210,979
5 Claims. (Cl. 2—157)



1. An article of the class described, comprising a body having a tie-knot shape-holding loop and three radial arms, said arms each including a core wire and a coil-wire sheath, the core wire terminating in a pin end.

2,131,312
MAKING ZINC COMPOUND FROM GALVANIZER'S WASTE
Henry Seymour Colton, Shaker Heights, Ohio
Application July 23, 1936, Serial No. 92,235
5 Claims. (Cl. 23—61)



1. In the recovery from zinciferous chloride-containing waste material of zinc oxide or other zinc compounds for use in making zinc sulfide pigments, a process of producing purified zinc compounds low in chlorine content which comprises extracting the waste material with a solution of ammonium carbonate and ammonia and with addition of lime, separating insoluble impurities including lime as carbonate, boiling the solution extract to precipitate zinc oxy-carbonate with removal from the solution of CO_2 and NH_3 and recovery thereof, separating the solutions and the impurities in solution including chlorides from the precipitate, redissolving the precipitated oxy-carbonate in ammoniacal ammonium carbonate solution with further separation of insoluble impurities and extraction thereof with ammoniacal ammonium carbonate, heating the solution to precipitate a purified zinc oxy-carbonate low in chlorine content with incomplete removal of NH_3 and CO_2 from the solution, separating the precipitate and returning the solution for use in a succeeding extraction step.

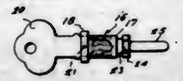
2,131,313
MAKING ZINC PIGMENT
Henry Seymour Colton, Shaker Heights, Ohio
No Drawing. Application May 24, 1937, Serial No. 144,562
10 Claims. (Cl. 23—135)

1. A process of making zinc sulfide for pigments from crude zinc materials, which comprises extracting the material with a solution of ammonium carbonate and ammonia, boiling the solution extract to precipitate zinc oxy-carbonate, redissolving the precipitate in ammoniacal ammonium carbonate solution with addition of a soluble phosphate and precipitating zinc sulfide from said solution by addition of a soluble sulfide.

2,131,314
DYED COMPOSITION CORK AND METHOD
Giles B. Cooke, Baltimore, Md., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York
No Drawing. Application November 16, 1935, Serial No. 50,241
3 Claims. (Cl. 18—48)

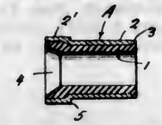
1. The method of producing dyed cork bodies of composition cork comprising mixing cork particles with a dye in solution, a heat setting binder, and a cork softening agent, the dye solvent and softening agent being compatible with the binder, and heating the mixture in a mold for setting the binder and for simultaneously softening the particles to cause the dye to uniformly permeate the cork particles.

2,131,315
LOCK
James Gordon Dunseath, Reno, Nev., assignor of one-half to Harry Dunseath, Reno, Nev.
Application December 7, 1937, Serial No. 178,579
1 Claim. (Cl. 70—90)



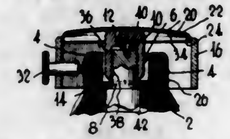
A lock for a pair of sliding doors, comprising a plate secured on one of said doors, a barrel fixed on said plate and extending through said one door, the plate having an opening therein aligned with the bore of the barrel, said bore of the barrel having longitudinal grooves therein, diametrically opposite flanges in the opening in the plate at one end of the grooves, a removable plug insertable in the barrel and including a cylinder, a neck on one end of said cylinder, a substantially segmental head on said neck adapted to pass between the flanges and engageable therebehind upon rotation of the cylinder for preventing withdrawal of said cylinder from the barrel, key operated tumblers mounted in the cylinder and engageable in the grooves for securing said cylinder against rotation in the barrel, and a pin projecting from the head and engageable in the other door for securing the doors together.

2,131,316
NONVIBRATING TUBE COUPLING
Calvin Tyre Ellis, Philadelphia, Pa.
Application September 28, 1937, Serial No. 166,175
1 Claim. (Cl. 285—90)



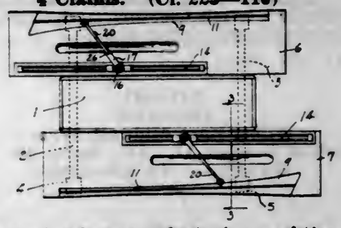
A fitting for preventing vibration in a pipe or tube line comprising an elongated sleeve-like member including a metal part and a composition inner part, said composition inner part having an exterior flange at one end abutting the adjacent end of the metal part and the other end of said inner part being exteriorly enlarged and said end being internally flared to fit the outwardly flared end of a tube on which the member is placed, the metal part having one end enlarged to receive the enlarged end of the inner part and said enlarged end of the metal part forming a shoulder at its inner end for engagement by a member which connects the tube with another member.

2,131,317
DRY SHAVER
Irving Florman, New York, N. Y.
Application May 12, 1938, Serial No. 207,595
8 Claims. (Cl. 30—43)



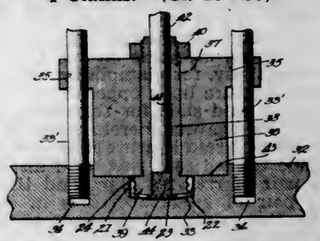
7. In a dry shaver, a shaving head having a domed flexible perforated skin-engaging portion, a rotatable drive shaft substantially perpendicular to said skin-engaging portion, and cutting means normally in operation abutting the undersurface of said skin-engaging portion comprising a member operatively connected to said drive shaft to be driven thereby, a cutting element having a thin portion extending radially with respect to said drive shaft and located substantially in a plane transverse to the axis of said drive shaft and provided with a cutting edge adjacent said perforated skin-engaging portion adapted to wipe across the perforations thereof, and means operatively connecting said thin portion to said member for rotation therewith while permitting movement of said thin portion with respect to said member in a direction parallel to the axis of the shaft with said edge moving in a plane parallel to the axis of the shaft, whereby said cutting element may abut against the undersurface of said skin-engaging portion while being capable of moving away from such surface.

2,131,318
APPARATUS FOR MAKING NECKTIES
Nathan Gold, Portland, Oreg.
Application September 14, 1936, Serial No. 100,644
4 Claims. (Cl. 223—110)



1. Apparatus for manufacturing neckties, comprising a table, a receptacle within the table for receiving the structural elements of a necktie, and means within the receptacle for guiding the pinning of the tie elements in preparation for the stitching operation.

2,131,319
METHOD AND APPARATUS FOR MAKING COMPOSITE CAPS
Ralph E. Greenholtz and Edward M. Enkur, Baltimore, Md., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York
Application January 3, 1933, Serial No. 650,025
4 Claims. (Cl. 18—30)



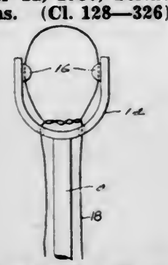
2. Means for molding a closure cap or the like, said means comprising a bed and a head movable toward and away from the bed, said bed having a die cavity therein, a male die portion on said head and movable with the latter, means guiding the head so that at the end of its movement toward the bed, said die portion will be positioned in said cavity in spaced relation to the walls of the latter, said die portion having an opening therethrough through which plastic substance may be introduced into the space between the male die portion and the walls of the cavity, and means closing the annular space between the male die portion and the cavity walls when said die portion is operatively positioned in said cavity.

2,131,320
PRINTING WITH MORDANT DYESTUFFS
Emil Gubler, Basel, Switzerland, assignor to the firm Durand & Huguenin S. A. Basel, Switzerland
No Drawing. Application February 2, 1937, Serial No. 123,726. In Germany February 11, 1936
7 Claims. (Cl. 8—72)

1. In a process of steam printing with chromium mordant dyestuffs on lustrous fibres, including natural silk and regenerated cellulose fibre, such as viscose or cuprammonium artificial silk, an improvement consisting in printing the

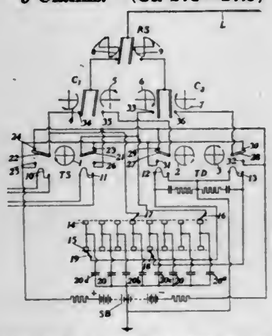
material with a paste containing the mordant dyestuff, a gum arabic thickening, a chromium mordant having Cr in the cation in the presence of a lactate group, and an alkali salt of an aliphatic hydroxy acid, thereby obviating the formation of a harsh feel, uneven dyeing and loss of lustre on the imprinted parts.

2,131,321
LIGATOR
Wilber Hart, Midwest, Wyo.
Application October 11, 1937, Serial No. 168,478
3 Claims. (Cl. 128—326)



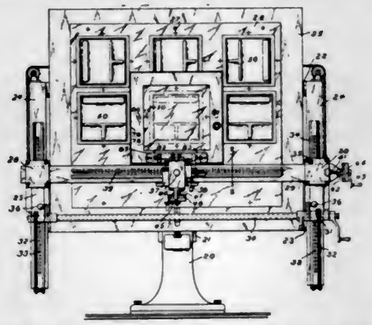
2. A ligator for use with a ligature having a loop formed therein intermediate the ends thereof and comprising a rod-like shank provided at one end thereof with a thumb-accommodating ring, a slide splined on said shank for movement toward and from said ring and provided with finger-grip apertures therein, a bifurcated holder mounted on the other end of said shank with the ends thereof outwardly extending, opposed pairs of resilient clamping members on the ends of said holder, respectively, for clampingly engaging the loop of said ligature upon opposite sides thereof, and means on said slide for releasably securing the ends of the ligature thereto whereby tension may be exerted on said ligature ends by movement of said slide toward said ring, said means comprising a pair of resilient clips, and the holder having a pair of guide apertures in the bend thereof for the passage of the ends of the ligature therethrough.

2,131,322
TELEGRAPH SIGNALING APPARATUS
Harry Vernon Higgitt and Kenneth Lindsay Wood, London, England, assignors to Cable and Wireless Limited, London, England, a British company
Application February 21, 1935, Serial No. 7,646
In Great Britain March 23, 1934
9 Claims. (Cl. 178—17.5)



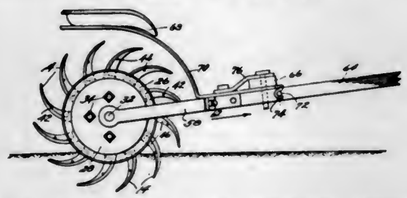
1. A telegraph signaling system for receiving double current cable code signals of the type set forth, comprising in combination, a receiving relay for receiving a transmission of signals on one channel and a delayed transmission of signals on a separate channel, switching means for converting both transmissions of double current cable code signals into cable code signals, a signal impulse storage device operatively connected to said switching means for receiving and storing the undelayed transmission and a receiving apparatus for receiving the signals of the first transmission released from said storage device and the signals of the delayed transmission from said switching means.

2,131,323
METHOD AND MEANS FOR COMPOSING RELIEF PRINTING PLATES
William C. Huebner, New York, N. Y.
Application August 9, 1937, Serial No. 158,088
8 Claims. (Cl. 101—401.1)



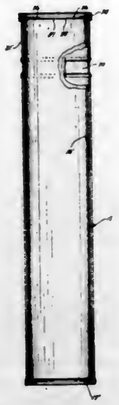
1. The herein described process of preparing a composed relief press plate which includes: preparing a relief printing plate temporarily securing the prepared relief printing plate to a carrier with the relief side of the printing plate against the carrier; then placing the back side of the relief printing plate, while still temporarily secured to the carrier, in contact with a press plate and permanently securing the relief printing plate to the press plate; and then removing the carrier from the relief printing plate to leave the relief surface thereof available for inking and printing when the press plate is in a press.

2,131,324
SOIL WORKING IMPLEMENT
George W. Hull, Kansas City, Kans.
Application September 28, 1936, Serial No. 102,927
10 Claims. (Cl. 97—52)



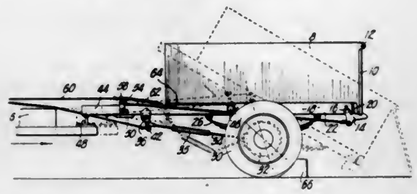
1. An implement of the character described comprising, a plurality of sets of teeth arranged in spaced-apart circumscribing paths; and discs beside the said sets of teeth, each having a continuous cutting edge disposed in a circumscribing path spaced inwardly from the ends of the teeth; and transverse wires carried by said teeth intermediate the ends of said teeth and said discs.

2,131,325
ART OF PACKAGING AND DISPENSING FLUENT COMMODITIES
Milton M. Karger, Milwaukee, Wis.
Application April 19, 1937, Serial No. 137,710
3 Claims. (Cl. 221—77)



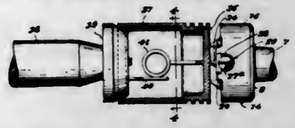
1. A dispensing container, comprising a pair of hollow tubular members, said members both being formed of paper board and being fitted together in telescopic relationship, the outer section being of less length than the inner section, a metal cap crimped to the outer end portion of the outer section and closing said end, a collar surrounding the outer end of the inner section, a metallic cap crimped to the outer end of said collar and closing the adjacent end of said inner section, said cap having a discharge opening therein, a temporary cover removably positioned over said latter cap, and a severable closing medium between said collar and the inner end of said outer section.

2,131,326
DUMP TRAILER
Raymond C. Kaster, Olathe, Kans., assignor of one-fourth to Leo J. Pearce, Olathe, Kans., and one-fourth to A. E. West, Merriam, Kans.
Application June 28, 1937, Serial No. 150,713
3 Claims. (Cl. 298—5)



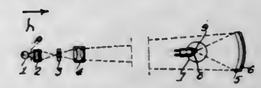
1. A dump trailer of the character described comprising a body; a frame underlying the body and extending forwardly beyond one end thereof and formed to present a V-shaped projection; an axle and spring assembly supporting the frame and body, said axle extending transversely across the body therebelow substantially mid-way between the ends of the body; a U-shaped yoke provided with a coupling at the bight thereof and having the ends of the legs thereof pivotally joined to the said frame on an axis between the said end of the body and the axis of the wheels and above said axis; and a dog releasably securing together the V-shaped projection and said frame.

2,131,327
LIVE CENTER
Van F. Lippard, Washington, D. C.
Application March 13, 1937, Serial No. 130,773
12 Claims. (Cl. 82—33)



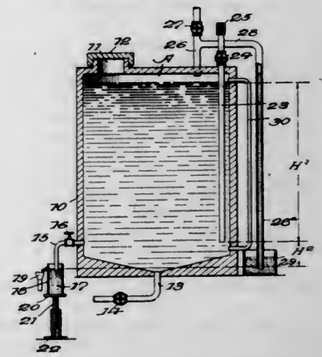
1. In a live center assembly for machines, a stationary stud for mounting in the tail stock of a machine, a head rotatably mounted on the stud, and a center movably mounted on the front face of the head for adjustment transversely of the head.

2,131,328
LIGHT-CONTROLLED SIGNALING SYSTEM
Fritz Michelssen, Berlin-Steglitz, Germany, assignor to Neufeldt & Kuhne G. m. b. H., Kiel, Germany
Application April 15, 1935, Serial No. 16,515
In Germany April 14, 1934
8 Claims. (Cl. 250—1)
(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)



1. A light-controlled device comprising in combination a source of light transmitting rays, the wave lengths of which lie between about 1.5μ and about 2.5μ and a lead sulphide cell for receiving the said waves.

2,131,329
LIQUID FEED CONTROL DEVICE
George W. Moore, Broomall, Pa.
Application May 26, 1936, Serial No. 81,965
3 Claims. (Cl. 210—29)



1. In a liquid feed control device, the combination of a reservoir for the liquid, means for exhausting air from the reservoir, an inlet pipe through which fluid under pressure is admitted to the reservoir, a discharge pipe terminating below the interior terminal of the fluid inlet pipe, re-

taining means for liquid at the terminal of said discharge pipe to submerge said terminal, and means for varying the elevation of said retaining means to alter the extent of submergence of the discharge pipe.

2,131,330

METHOD OF MAKING "URUSHI" OR JAPANESE LACQUER FILMS HAVING PICTURES OR LETTERS

Akinari Ozawa, Omori-ku, Tokyo, Japan, assignor to Hikari Shoji Kabushiki Kaisha, Tokyo, Japan

No Drawing. Application June 28, 1937, Serial No. 150,885
3 Claims. (Cl. 41—33)

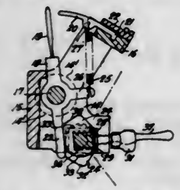
1. Method of making a "Urushi" or Japanese lacquer film having a picture thereon, which consists in firstly painting a picture, design, figures or letters or their combination on a cellulose film with desired Japanese lacquer, applying a lacquer solution to the surface of said film one or more times to form a lacquer film and then after drying the film, peeling it off.

2,131,331

TOOL FOR USE IN KNITTING MACHINES

Archibald Reginald Pitchers and Robert James Pitchers, Godalming, England

Application July 28, 1937, Serial No. 156,246
In Great Britain July 31, 1936
10 Claims. (Cl. 66—96)



1. A portable tool for transferring stitches in a knitting machine, comprising a portable frame, a plurality of stitch transferring points, a corresponding plurality of retaining points, means mounting each transferring point and its retaining point on the frame for relative movement into and out of cooperation, an operating member, means movably mounting the operating member on the frame, a plurality of selector devices, one for each transferring point and its associated retaining point, and means mounting the selector devices for individual adjustment to cause movement of the operating member to effect simultaneous relative movement of selected retaining points and transferring points.

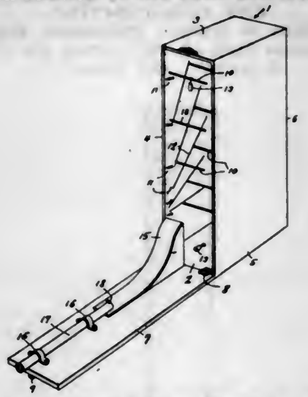
2,131,332

GAME

Elmer Nelson Rose, Oceanside, Calif.

Application February 11, 1938, Serial No. 190,093
3 Claims. (Cl. 273—95)

1. A game device comprising a cabinet open at its front and adapted to be tipped, said cabinet including opposed side walls, members mounted substantially horizontally on one of the side walls, a projector spaced from the cabinet, a projectile receivable in the projector to be projected thereby toward the cabinet, and a chute interposed between the projector and the cabinet for directing the projectile upwardly toward the members in the cabinet, said projectile including means for catching on the members when the projectile engages said members, the members terminating in spaced relation to the other side wall of the



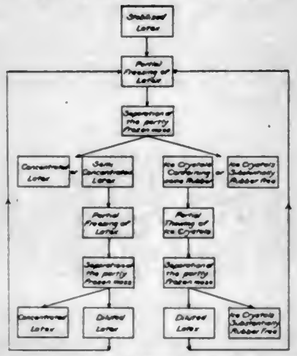
cabinet for causing the projectile to slide and drop therefrom when said members are tipped.

2,131,333

PROCESS FOR THE CONCENTRATION OF AQUEOUS DISPERSIONS OF RUBBER AND SIMILAR RUBBER-LIKE SUBSTANCES

Hans Dietrich Graf von Schweinitz, Frankfort-on-the-Main-Hochst, Germany, assignor, by mesne assignments, to the firm of Revertex, Ltd., London, England

Application March 19, 1937, Serial No. 131,964
In Germany March 21, 1936
10 Claims. (Cl. 18—50)



1. A method of concentrating aqueous dispersions of rubber and rubber-like substances, which comprises partly freezing such dispersions and thereupon separating the partly frozen dispersions into a liquid portion rich in rubber and a solid portion poor in rubber.

2,131,334

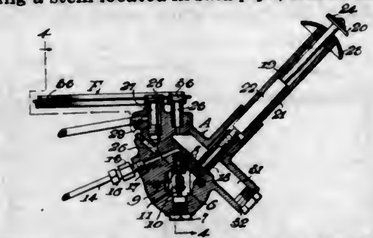
HEATER

Walter C. Stollberg, Quincy, Ill.

Application August 31, 1936, Serial No. 98,822
3 Claims. (Cl. 158—84)

1. In a liquid fuel burner, a casting having a fuel receiving chamber, a sediment chamber, a duct between said chambers and a duct for passing fuel from said sediment chamber, a metering valve mechanism cooperating with said duct between said chambers to control the flow of fuel from said receiving chamber to said sediment

chamber, said casting including a neck, said metering valve mechanism including a metering valve pipe carried by said neck, a metering valve having a stem located in said pipe, and a threaded



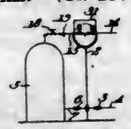
metering valve body having a seat, said metering valve being threaded into said body and means operative when said valve is unthreaded from said body for utilizing the valve stem as a priming piston.

2,131,335

APPARATUS FOR FEEDING WATER TO STEAM BOILERS

Timothy J. Sullivan, Butte, Mont., assignor to Sullivan Valve and Engineering Company, Butte, Mont., a corporation of Montana

Application June 5, 1936, Serial No. 83,779
6 Claims. (Cl. 137—101)



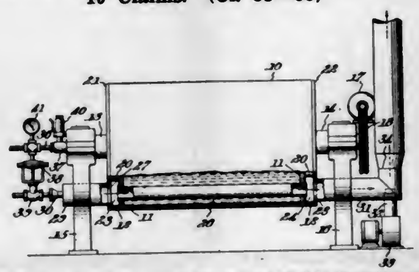
1. In an apparatus for feeding water to a steam boiler, a chamber, a conduit for supplying water to said chamber, a conduit for feeding water from said chamber to said boiler, check valves for preventing reverse flow in said conduits, a steam supply conduit leading from said boiler to said chamber, a steam supply valve in said conduit, a vent valve in said connection, independent electrical operating means for said steam supply and vent valves, control circuits for said operating means including a float actuated switch operative to open the circuit controlling one of said valves and thereafter to close the circuit to the other of said valves dependent upon the level of liquid in said chamber.

2,131,336

DIRECT FIRED STEAM MANGLE

Timothy J. Sullivan, Butte, Mont., assignor to Sullivan Valve and Engineering Company, Butte, Mont., a corporation of Montana

Application August 4, 1936, Serial No. 94,267
10 Claims. (Cl. 38—65)



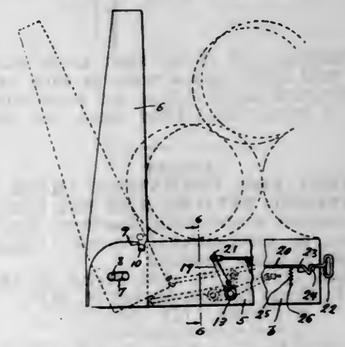
1. A mangle comprising a rotatable ironing cylinder closed at its ends and adapted to contain a heat-transfer medium, a plurality of flue tubes extending through said cylinder, and a fuel burner mounted adjacent one end of said cylinder and so arranged as to communicate successively with said flue tubes at the ends thereof during rotation of said cylinder.

2,131,337

VEHICLE STAKE

Harold C. Swertfeger, Carson, Va.

Application October 5, 1937, Serial No. 167,448
2 Claims. (Cl. 280—145)



1. A stake and control assembly comprising a frame-like structure, a stake pivotally secured at its lower end within the frame, a latch plate engageable with the lower portion of the stake and a manual control for the said latch plate, a shaft disposed through the frame, arms extending from the shaft, a countershaft carried by the arms and on which the said latch plate is rockable, said manual means being adapted to rotate the said first-mentioned shaft to release the latch plate from the stake.

2,131,338

CONSOLIDATION OF POROUS MATERIALS

James G. Vail, Media, Pa., assignor to Philadelphia Quartz Company, Philadelphia, Pa., a corporation of Pennsylvania

No Drawing. Application December 23, 1935, Serial No. 55,919
3 Claims. (Cl. 61—36)

1. In the consolidation of porous materials, the process which comprises mixing a solution of sodium silicate, containing not substantially less than 2 moles of silica to one mole of sodium oxide, with a solution of sodium aluminate, the concentrations of said solutions being adjusted to produce, upon admixture an unstable dilute liquor, setting to a full volume alkaline gel within a period of the order of 30 minutes, impregnating a porous material with said unstable liquor prior to setting and gelling said mixture in situ.

2,131,339

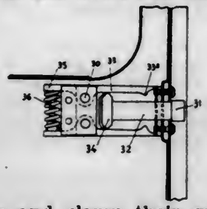
CHECKING DEVICE FOR MOTOR CAR DOORS

Vittorio Valletta, Turin, Italy, assignor to Fiat Società Anonima, Turin, Italy

Application October 6, 1937, Serial No. 167,666
In Italy October 14, 1936
2 Claims. (Cl. 16—85)

1. In combination with a door hinged to the body of motor cars, a checking device for said door comprising a stay arm pivoted eccentrically with respect to the axis of the door hinge and

arranged to oscillate by effect of the movements of the door, a head on said arm, two levers arranged on opposite sides of the path of said head, a guide surface on each lever for said head, a spring acting on said levers and tending to draw



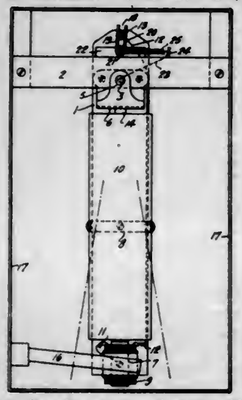
them together and clamp their guide surfaces against said head, and a nose on each of said levers arranged at an end of the guide surfaces thereof to engage said head when the door is opened.

2,131,340

MOVEMENT FOR OPERATING SIGNS, ADVERTISING DEVICES, AND THE LIKE

Arthur Samuel Waddington, Dartford, England, assignor to International Novelty Company, Limited, London, England

Application January 12, 1938, Serial No. 184,657
In Great Britain August 20, 1937
6 Claims. (Cl. 40—51)



1. In a sign having a moving portion, a mechanism for effecting movement of the said portion and comprising a movable part, means supporting the said part for pivotal oscillatory movement, an electro-magnetic device effecting oscillatory movement of the said movable part, an energizing battery for the said electromagnetic device, means securing the battery to the said movable part so that the weight of the battery assists the movable part to function as a pendulum, a switch mechanism controlling the circuit of the electromagnetic device, means operating the switch mechanism from the movable part whereby movement of this latter part opens and closes the switch, and connections from the said movable part to the moving portion of the sign.

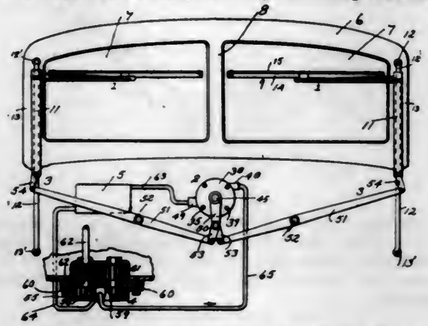
2,131,341

WINDSHIELD WIPER

Lawrence W. Waters, Los Angeles, Calif.

Application January 2, 1937, Serial No. 118,869
2 Claims. (Cl. 15—253)

1. In a windshield wiper, a wiper member including a wiper bar, a wiper arm, means whereby said wiper arm is slidably and operatively mounted, a flange on said wiper bar, said wiper arm being provided with a slot to receive said flange for mounting said bar on said arm to swing up or down laterally from said arm, means on said arm for engaging one end of said bar to hold said bar steady while permitting said bar



to swing laterally on said arm, studs on said bar for engaging a windshield and holding said bar out of contact with said windshield when said bar is swung down from said arm on the upstroke of said wiper member, and means for urging said wiper bar toward said windshield.

2,131,342

CALKING AND SEALING COMPOSITION

Emile L. Baldeschwieler, Cranford, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application December 20, 1933, Serial No. 703,209
6 Claims. (Cl. 106—8)

1. The method of calking and sealing joints, crevices, cracks and leaks to make them waterproof and resistant to alkali and acid in spite of changes in temperature, humidity and vibrations, which comprises injecting thereinto a calking and sealing composition comprising a filler, a high molecular weight linear polymer obtained by polymerization of isobutylene and a plasticizer.

2,131,343

CONTAINER AND METHOD OF MAKING THE SAME

Dominick Cordiano and Abram Hirshman, Brooklyn, N. Y., assignors to Cordiano Can Co. Inc., Brooklyn, N. Y., a corporation of New York

Application May 26, 1937, Serial No. 144,782
8 Claims. (Cl. 229—3.5)



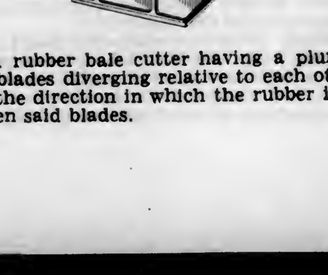
5. A laminated wall construction for containers, comprising a layer of Cellophane formed of spirally wound sections, the edges of which are in abutting relationship, an adjacent layer of Cellophane formed of spirally wound spaced sections co-extensive with the abutting edges of said first-named layer sections, a series of layers of fibrous material spirally and concentrically wound over said first-named layers and an intermediate layer of Cellophane, formed of spirally wound sections, the edges of which are in lap relationship disposed intermediate of the series of fibrous layers, all of the faces of adjoining layers being adhesively united, except the last-named Cellophane layer and the faces of the fibrous layers adjacent thereto.

2,131,344

BATHING CAP

Cornelius J. Crowley, New Haven, Conn., assignor to The Seamless Rubber Company, Incorporated, New Haven, Conn., a corporation of Massachusetts

Application April 19, 1937, Serial No. 137,641
4 Claims. (Cl. 2—68)



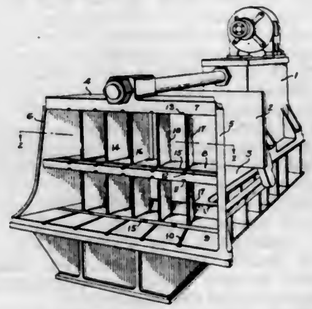
1. A rubber bathing cap having within the margin a water-excluding wall normally standing substantially perpendicularly to the cap body, said wall being soft and yieldable, and following a zig-zag line made up of a multiplicity of short portions approaching toward and receding from the margin in a course generally parallel and close to the margin.

2,131,345

RUBBER BALE CUTTER

Richard W. Dinzl, Narberth, Pa., assignor to Baldwin-Southwark Corporation, a corporation of Delaware

Application February 25, 1937, Serial No. 127,715
4 Claims. (Cl. 164—36)



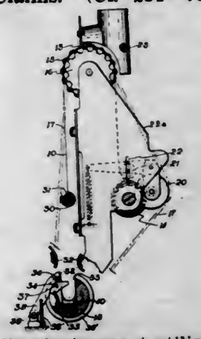
1. A rubber bale cutter having a plurality of knife blades diverging relative to each other and from the direction in which the rubber is passed between said blades.

2,131,346

METHOD OF AND MEANS FOR RECORDING ON A STRIP CHART

Charles O. Fairchild, St. Albans, N. Y., assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y., a corporation of New York

Application July 31, 1937, Serial No. 156,621
13 Claims. (Cl. 234—76)



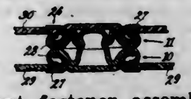
1. In a recording instrument utilizing a recording means for marking a uniformly time-graduated recording strip chart, the combination with a chart supply spool, a chart rewinding spool, a constant-speed timer roll engaging the chart to continuously advance it at a constant average rate corresponding with the time graduations on the chart past the recording means, of weighting means adapted to be attached to the advancing end of the chart; and means rotatable with said reroll spool and adapted to automatically engage said weighting means when the latter reaches said engaging means; said engaging means being located beneath the weighted advancing end of the chart.

2,131,347

FASTENER ASSEMBLY

Paul E. Fenton, Thomaston, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut

Application November 24, 1937, Serial No. 176,189
6 Claims. (Cl. 24—217)



1. A resilient fastener assembly comprising socket and stud members having centrally located resilient parts cooperating to hold the members together, breast portions extending radially outwardly from the central parts of the members and axially forwardly so as to contact along their outer faces, and retaining rings extending reversely inwardly from the outer edges of the breasts, said breast and retaining rings forming, collectively, a cylindrical wall completely surrounding and protecting the centrally located cooperating parts.

2,131,348

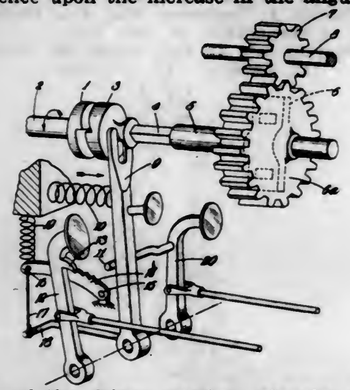
ROTATING WING AIRCRAFT

Raoul Hafner, Vienna, Austria

Application July 27, 1935, Serial No. 33,462
In Great Britain November 9, 1934
4 Claims. (Cl. 244—60)

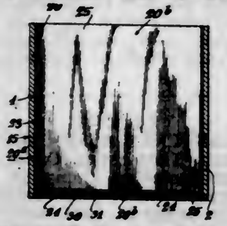
1. In a rotative wing aircraft means for transmitting power from the engine to the rotor including a coupling device having a driving member, a driven member, and centrifugal clutch

means arranged on the driven member to increase the degree of engagement between the driven member and the driving member in dependence upon the increase in the angular ve-



locity of the driven member, whereby at any given speed of the driven member the coupling slips when the torque to be transmitted exceeds a maximum predetermined value relative to said speed.

2,131,349
TOY BLOCK
Gideon R. Kreider, Jr., Lebanon, Pa.
Application March 27, 1937, Serial No. 133,315
5 Claims. (Cl. 46—24)

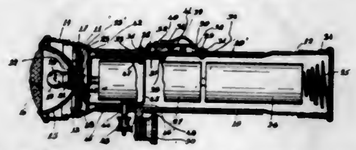


1. A rigidly nondeformable toy block of generally prismatic shape having a closed end and an open end, said block including a tubular outer shell having connected side wall panels formed from paperboard material having a thickness greater than one-sixteenth of an inch, a liner member formed from paperboard material tightly fitting within said shell and having connected panels extending over a pair of opposite side wall panels and an end of said shell, and a second liner member formed from paperboard material tightly fitting within said shell and having connected panels extending over another pair of side wall panels and said end of said shell, means permanently securing said liner members in said shell, and a wrapper adhesively secured to the exterior of said outer shell.

2,131,350
TREATMENT OF SUBSTANCES CONTAINING TANTALUM AND/OR NIOBIUM
Joseph Pierre Leemans, Hoboken-lez-Anvers, Belgium, assignor to Société Générale Métallurgique de Hoboken, Hoboken-lez-Anvers, Belgium, a Belgian limited company
No Drawing. Application April 26, 1937, Serial No. 139,018. In Great Britain April 28, 1936
2 Claims. (Cl. 75—131)

1. A process of treating materials containing at least one of the elements tantalum and niobium and at least one of the metals tin and manganese, which comprises subjecting the material to a reducing operation by means of at least one of the elements calcium, magnesium and silicon at a temperature comprised between 800° and 1200° C. so as to obtain a mass in which the tin and/or manganese, are reduced to metal state, leaching the said mass with an acid to obtain a solution containing the tin and/or manganese, and a residue, separating the solution from the residue, and subjecting the latter to a reducing operation at a temperature above 1200° C. in the presence of sufficient iron to melt it with production of a slag and of a ferro-alloy of tantalum or niobium, and separating the slag from the ferro-alloy.

2,131,351
COMBINED SEARCHLIGHT AND TESTER
Walter S. Little, Manchester, N. H., assignor of one-half to John L. Sullivan, Manchester, N. H.
Application June 1, 1937, Serial No. 145,657
8 Claims. (Cl. 175—183)



1. In a flash and testing light construction including a tubular conductive casing adapted to receive flashlight cells and having a cell terminal engaging element at one end of the casing and a lamp at the other end thereof, a lamp socket conductively connected to the casing and open to the interior thereof, an L-shaped contact strip having one leg extending along the inner face of the casing and the other leg extending radially inward from the forward end of the first leg to lie across the inwardly opening end of the lamp socket for forming a contact for the central contact of a lamp, a testing terminal located on the exterior of the casing and insulated therefrom, said testing terminal being positioned opposite the rear end of the contact strip, an insulated pin conductively connecting the testing terminal and contact strip, a second L-shaped contact strip having one leg extending along the inner face of the casing in insulated relation thereto and having its other leg extending radially inward to form contact with the forward terminal of a battery, a switch contact fixed to the rear end of the second contact strip and extending through the casing wall in insulated relation thereto, a switch housing mounted on the casing in insulated relation thereto, a conductive rivet securing one end of the housing in place and insulated from the casing, a conductor connecting the first insulated pin and said rivet, and a switch contact movably mounted on the housing for engagement and disengagement with the first switch contact.

2,131,352
PROPELLANT EXPLOSIVE
Henry N. Marsh, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Original application December 18, 1936, Serial No. 116,555. Divided and this application February 4, 1938, Serial No. 188,677
6 Claims. (Cl. 52—7)

1. A smokeless powder including from about 0.25% to about 2% of an inorganic, cadmium-containing substance selected from the group consisting of metallic cadmium, cadmium carbonate and cadmium oxide.

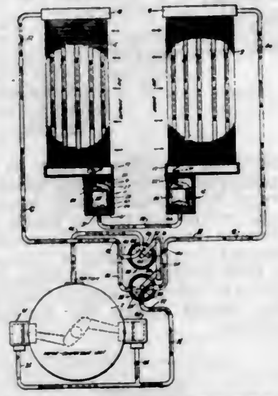
2,131,353
PROPELLANT EXPLOSIVE
Henry N. Marsh, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Original application December 18, 1936, Serial No. 116,555. Divided and this application February 4, 1938, Serial No. 188,678
3 Claims. (Cl. 52—6)

1. A smokeless powder including from about 0.25% to about 2% of metallic cobalt.

2,131,354
PROPELLANT EXPLOSIVE
Henry N. Marsh, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Original application December 18, 1936, Serial No. 116,555. Divided and this application February 4, 1938, Serial No. 188,679
3 Claims. (Cl. 52—7)

1. A smokeless powder including from about 0.25% to about 2% of manganese dioxide.

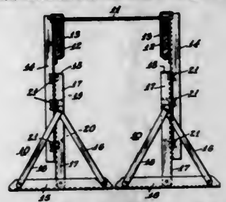
2,131,355
REFRIGERATING SYSTEM FOR COOLING OR HEATING
Charles R. Neeson, New Rochelle, N. Y., assignor to Baldwin-Southwark Corporation, a corporation of Delaware
Application January 25, 1933, Serial No. 653,466
16 Claims. (Cl. 62—115)



2. A refrigerating system comprising, in combination, a refrigerating mechanism, a plurality of heat exchange elements, a plurality of refrigerant pressure reducing means connected in series, each element having one of said reducing means associated therewith whereby either of said elements may function as a refrigerant condenser or evaporator, and means for reversing the path of refrigerant flow through said elements thereby to interchange the condenser and evaporator functions.

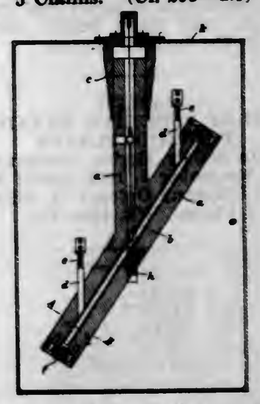
2,131,356
SCAFFOLD HORSE
Melville Praeger, New York, N. Y.
Application December 15, 1937, Serial No. 179,848
4 Claims. (Cl. 304—5)

1. A scaffold horse comprising end supports, cross-bars carried between said supports, one above another, a bar having a plurality of holes, means on said cross-bars for coacting with the holes of said bar, whereby said bar is variably positionable on said horse in a vertical position, and a bracket secured at the top of said bar for



carrying a cross-beam of the scaffold, further bars, arranged on opposite sides of said first mentioned bar for vertical movement and adjustably secured to said cross-bars for carrying a second cross-beam for the scaffold.

2,131,357
TORSION BALANCE
Erich Reeh, Hanover, Germany
Application June 30, 1937, Serial No. 151,120
In Germany August 13, 1935
5 Claims. (Cl. 265—1.5)



1. In a torsion balance, a frame, a hollow body attached to this frame, a casing vertically displaceable in the hollow body, a beam in the casing, a filament fixed with one end to the hollow body and with the other end to the beam in such a manner that the beam is freely suspended in the one end position of the casing and in the other end position is supported by the wall of the casing.

2,131,358
SCALPEL
Sol Rothschild, Brooklyn, N. Y.
Application February 11, 1936, Serial No. 63,362
21 Claims. (Cl. 30—125)

1. A scalpel comprising a handle with a blade holding means connected thereto for holding a surgeon's blade so that it will project beyond the front end of the holding means, a surgeon's blade substantially as set forth, means in said holding means for fixing said blade firmly and securely in accurate position therein, a magazine for separate surgeons' blades connected to said handle, means in said magazine for holding a stack of said surgeons' blades in predetermined orderly relationship so that the cutting edges of said surgeons' blades will be fully protected,

means in said magazine for ejecting a blade therefrom, means connected with said handle for receiving said blade as it is ejected from said magazine and for holding same firmly, securely and accurately in a predetermined fixed posi-



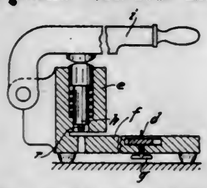
tion so as to protect the cutting edge of said surgeon's blade, and said last named means feeding said blade from said last position endwise to the holding means position and there cooperating to fix said blade firmly, securely and accurately in the holding means.

2,131,359

METHOD OF PUNCHING MULTICOLOR PRINTING PLATES

Otto Seffzig, Berlin, Germany

Application November 2, 1937, Serial No. 172,432
In Germany October 21, 1936
1 Claim. (Cl. 164—125)



A method for enabling the fitting insertion of the individual galvanic deposits of colored etchings necessary for a multi-colored printing into round casting apparatus for back casting of the deposits, and in which fitting crossed lines are formed on the deposits, said method consisting of perforating the fitting crossed lines on the deposits at the points of intersection of the crossed lines and using said perforations as stationary points and then producing larger holes in the deposits at other points for hanging up the deposits in the round casting apparatus.

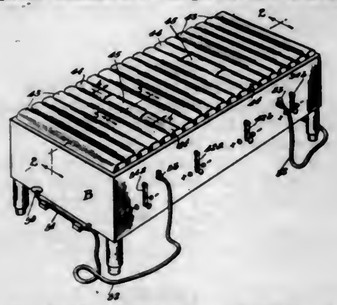
2,131,360

APPARATUS FOR THE TREATMENT OF RHEUMATIC AND ARTHRITIS CONDITIONS

Byron C. Woodruff, Tampa, Fla., assignor of one-half to Rose Brandaleone, New York, N. Y., and one-half to Sophia Bregman, Brooklyn, N. Y.

Application September 25, 1935, Serial No. 41,981
5 Claims. (Cl. 128—376)

1. An electrotherapeutic couch comprising a plurality of contact terminals in the form of enlarged flat surfaces, leads directing a pulsating direct current to said contact terminals, and conductor pads adjustably displaceable along said



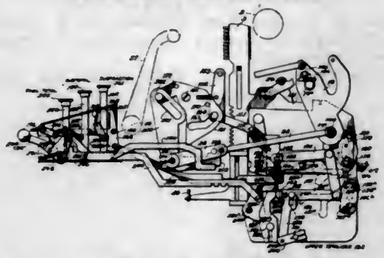
contact surfaces, whereby to provide different regions of application of pulsating current to the body of a patient.

2,131,361

COMPUTING MACHINE

Walter A. Anderson, Rockford, Ill., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware

Application December 22, 1932, Serial No. 648,347
10 Claims. (Cl. 235—60)



2. A computing machine having, in combination, two adding and subtracting totalizers, each having means for automatically introducing a fugitive unit, means for taking totals from said totalizers, means for automatically conditioning a selected totalizer for the taking of a negative total when such selected totalizer contains such a total, and manually operable means for placing said conditioning means under the control of the selected totalizer.

2,131,362

METHYLENE HALIDE DERIVATIVES OF CARBOXYLIC ACID AMIDES, AND CARBAMIC ESTERS, RESPECTIVELY, AND PROCESS OF MAKING THE SAME

Alfred William Baldwin and Henry Alfred Piggott, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application February 18, 1937, Serial No. 126,478. In Great Britain February 27, 1936
12 Claims. (Cl. 260—482)

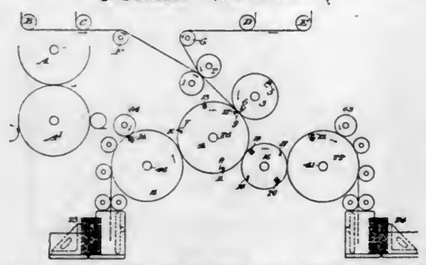
1. Process for the manufacture of new compounds containing combined halogen which comprises interacting a hydrogen halide, a compound of the group consisting of carboxylic acid amides and carbamic esters of the respective general formulas R—CONH—R' or RO—CONH—R', where R and R' each represent radicals selected from the group consisting of aliphatic and cycloaliphatic hydrocarbon radicals, and formaldehyde.

2,131,363

SHEET COLLECTING AND FOLDING MECHANISM FOR PRINTING PRESSES

Howard M. Barber, Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I., a corporation of Delaware

Application March 1, 1937, Serial No. 128,332
5 Claims. (Cl. 270—47)



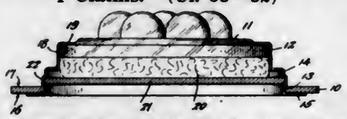
5. In a sheet collecting and folding mechanism for web printing presses, two sheet delivery points, a cutting and folding cylinder, a rotary cutter, a sheet collecting and folding cylinder and two sheet folding and delivery cylinders, the rotary cutter, the collecting and folding cylinder and one of the folding and delivery cylinders each being arranged to coact with the cutting and folding cylinder, and the other folding and delivery cylinder being arranged to coact with the collecting and folding cylinder.

2,131,364

MOUNTING FOR REFLECTOR BUTTONS OR THE LIKE

Warren H. Barton, Staten Island, N. Y.

Application August 22, 1936, Serial No. 97,370
4 Claims. (Cl. 88—82)



1. A mounting for a reflector button comprising a base having a perforation, a reflector button mounting shell fitted within the perforation, protruding beyond one surface of the base and having an outwardly directed marginal flange engaging the opposite surface of the base, an out pressed continuous bead formed on the shell beyond the plane of the face from which the shell protrudes defining an internal continuous groove within the shell, and a bendable retaining disk which is capable of an initial contraction radially to a diameter which will pass through the shell and which is normally expanded radially so that its marginal edge fits within the groove and coacts with the shell bead to anchor the shell to said base.

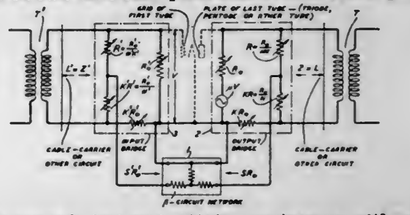
2,131,365

WAVE TRANSLATION SYSTEM

Harold S. Black, Elmhurst, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application March 29, 1933, Serial No. 663,317
Renewed February 19, 1936
43 Claims. (Cl. 179—171)

1. A wave translating system, a circuit associated therewith and a path producing negative feedback therein in the utilized frequency range, said system comprising means connected between said circuit and said path and causing said path



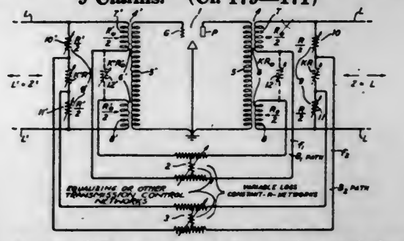
to approach but not attain conjugacy with respect to said circuit, the departure from conjugacy being adjusted to control the impedance of said system facing said circuit.

2,131,366

ELECTRIC WAVE AMPLIFYING SYSTEM

Harold S. Black, Elmhurst, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application December 5, 1936, Serial No. 114,391
9 Claims. (Cl. 179—171)



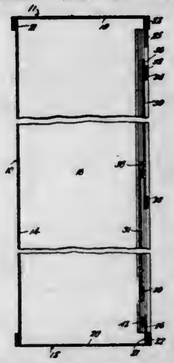
7. An amplifier having series-series and shunt-shunt feedback paths, and a variable loss network of the constant-resistance type in one of said paths.

2,131,367

SLIDING DOOR WARDROBE

Irving Blechman, Bronx, N. Y.

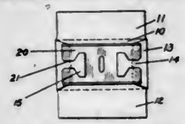
Application December 8, 1937, Serial No. 178,652
2 Claims. (Cl. 312—144)



1. A cabinet for the storage of clothing comprising flanged end sections, a body section including vertically disposed integrally connected rear and opposite side walls and oppositely disposed front wall portions joined to the side walls, a rectangular door frame composed of vertical side stiles and transverse end strips connected to

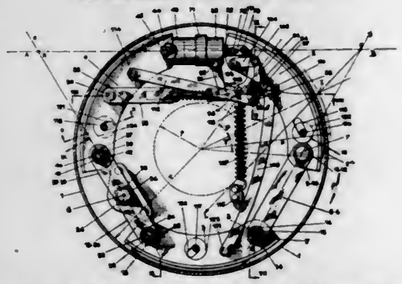
the side stiles at the ends thereof, said side stiles having longitudinally extending grooves in the outer side edges thereof for receiving the free edges of the front wall portions, and said side stiles each having a pair of longitudinally extending guide grooves in the inner confronting side edges thereof, and said transverse end strips projecting beyond the ends of the side stiles and interfitted with the end sections, and a pair of closures slidably arranged in said guide grooves respectively in overlapping relation, one of said closures being slidable downwardly for gaining access to the upper portion of the container and the other closure being slidable upwardly for gaining access to the lower portion of the container, and cooperating means on the upper portion of one of said closures and on the lower portion of the other for sealing the juncture of the closures when in closed condition.

2,131,368
PROTECTED BLADE
Joseph M. Bowen, West Quincy, Mass., assignor to Gillette Safety Razor Company, Boston, Mass., a corporation of Delaware
Application April 27, 1937, Serial No. 139,264
5 Claims. (Cl. 206—46)



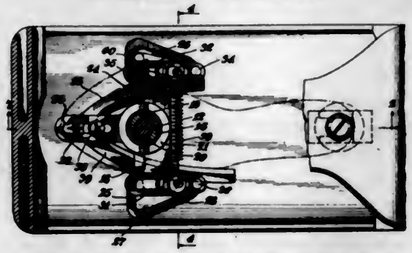
1. A safety razor blade having recessed ends presenting unsharpened edges, in combination with a protecting cover including end tabs folded on a line parallel to said unsharpened edges, the tabs having reduced necks engaging the sides of the recesses and enlarged end portions wider than said recesses.

2,131,369
BRAKING DEVICE
Louis Charles Brisson, Neuilly-sur-Seine, France, assignor to Societe Anonyme: Societe des Freins Hydrauliques S. de Lavaud, Paris, France
Application October 27, 1936, Serial No. 107,781
In France September 30, 1936
15 Claims. (Cl. 188—78)



1. In a braking device, a brake drum, a plurality of brake shoes adapted to contact with said brake drum, pressure applying means for applying said brake shoes against said brake drum, elastic means adapted to oppose said pressure applying means and to return said brake shoes to their position of rest when said pressure applying means cease to function, a fixed pivot pin, a plurality of levers freely and rotatably mounted on said pivot pin, means for creating frictional contact between said levers, and linkage means interconnecting said levers with said brake shoes.

2,131,370
WELT HOLDING MECHANISM
William C. Card, Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y., a corporation of Delaware
Application October 19, 1934, Serial No. 748,981
17 Claims. (Cl. 12—33)



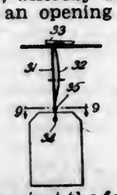
1. A shoe press having a pressure applying pad, means including a toe post for holding a shoe thereagainst, a support on said toe post, a pair of platens pivotally joined at their forward ends and shaped to enter the welt crease of a shoe positioned in said press, and posts extending between said support and platens for holding the latter against the welt extension of a shoe, said support having laterally extending openings accommodating certain of said posts, such posts having loose motion connections with said support to allow opening and closing movement of said platens with respect thereto.

2,131,371
PLASTIC MATERIAL
Gustavus J. Esselen, Swampscott, Mass., assignor to The A. S. Boyle Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application February 7, 1935, Serial No. 5,505
8 Claims. (Cl. 106—22)

8. A plastic composition of matter which before exposure to the air has a doughy, putty-like consistency and on mere exposure to the air has the general characteristics of wood and is composed chiefly of a cellulosic finely divided filler, and a binder of synthetic resin selected from the group consisting of vinyl resins and alkyd resins, the percentage of synthetic resin being between 66⅔ per cent and 75 per cent, based on the weight of the cellulosic filler.

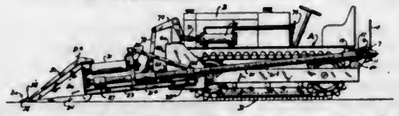
2,131,372
TAG FASTENING DEVICE
Carl A. Flood, Framingham, Mass., assignor to Dennison Manufacturing Company, Framingham, Mass., a corporation of Massachusetts
Application December 30, 1937, Serial No. 182,534
7 Claims. (Cl. 40—22)

1. A device comprising a tag, an elongate retainer and a string loop fast to the retainer and connecting the tag and retainer, one side of the loop extending from the retainer at a point intermediate the ends of the retainer and the opposite side of the loop extending from the retainer at a point spaced from the first point lengthwise of the retainer, said sides of the loop being fastened together at the tag end of the loop and said second side being longer than said first side by an amount at least substantially as great as the distance between said points, whereby when the retainer is inserted through an opening in the fabric and



then pulled back against the fabric the longer side may extend along the retainer and thence through the fabric alongside the shorter side without substantial tendency to spread said opening.

2,131,373
EARTH CUTTING, DIGGING, AND MOVING MACHINE
Ernest A. Foster, Manteca, Calif.
Application March 24, 1937, Serial No. 132,783
11 Claims. (Cl. 37—108)



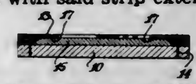
1. The combination with a tractor of a frame disposed in front of the tractor, a pair of side arms on the frame, one on each side of the tractor, a pivotal connection formed between the rear ends of said arms and the tractor, means on the tractor for raising or lowering the forward end of the frame with relation to the tractor, a cutter blade disposed transversely of the frame and at the front thereof and mounted for reciprocal movement, and means for reciprocating the cutter blade while the tractor advances.

2,131,374
DOLOMITIC MAGNESIUM CARBONATE COMPOSITION AND METHOD OF PREPARATION
Bertrand B. Grunwald, deceased, late of Alameda, Calif., by Dorothy H. Grunwald, administratrix, Alameda, Calif.
No Drawing. Application August 17, 1936, Serial No. 96,474
11 Claims. (Cl. 25—156)

3. The method of producing from dolomitic material a composition having self-setting properties which comprises carbonating an aqueous vehicle containing calcined dolomitic material to form water insoluble calcium carbonate and to convert substantially all of the magnesium containing substance in such vehicle to a water insoluble carbonate of magnesium in crystalline form, terminating the carbonation when substantially all the magnesium containing substance has been thus converted, and enhancing the setting by applying heat to a slurry containing said calcium carbonate and said crystalline carbonate of magnesium.

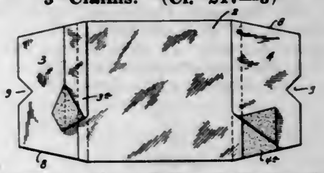
2,131,375
MANUFACTURE OF WELTED FOOTWEAR
Friedrich Holland, Brockton, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y., a corporation of Delaware
Application March 24, 1936, Serial No. 70,559
5 Claims. (Cl. 12—142)

1. A method of making shoes which comprises, lasting an upper in flat overlying relation against an insole, applying a filler to the shoe bottom between the overlasted edges of said upper, forming a welt unit by temporarily adhesively attaching a fabric fastening strip to a welt, permanently stitching said unit along the margin of an outsole with stitches passing through both the welt and strip and with said strip extending inwardly



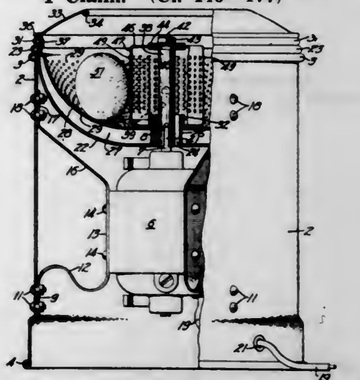
over said outsole, positioning a filler piece within said welt and beneath said strip to hold the latter up to the upper level of the welt, applying adhesive between said fabric strip and the bottom of said lasted upper, and pressing said outsole against said lasted upper, to adhere said strip thereto.

2,131,376
FRUIT CURTAIN
Findley C. Hunt, San Francisco, and Leigh J. McGrath, San Mateo, Calif., assignors to Zellerbach Paper Company, San Francisco, Calif., a corporation of Nevada
Application August 19, 1935, Serial No. 36,836
3 Claims. (Cl. 217—3)



1. A cover member of the character described comprising a thin sheet of transparent material, a panel member disposed at one side thereof, said panel comprising two sections of thin cardboard gummed together with one edge of the transparent sheet secured between them.

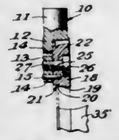
2,131,377
GRATER
Joseph A. Kohl, Oakland, Calif.
Application November 24, 1936, Serial No. 112,541
1 Claim. (Cl. 146—177)



A grating machine comprising a vertically disposed housing having an open end, a pan removably mounted in the end of said housing, said pan having a central aperture therein and a flange rising from the periphery of said aperture, a bowl removably disposed in said pan having a portion thereof spaced from said pan to provide a chamber between said pan and bowl, said bowl having

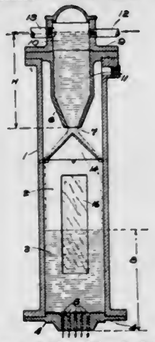
a central aperture therein concentric with the aperture of said pan, a flange rising from the periphery of said bowl aperture and surrounding the flange of said pan aperture, a motor disposed within said housing having a shaft rising into said bowl through the aperture thereof and that of the pan, means for resiliently supporting said motor in said housing, said means comprising a plurality of resilient arms secured at their respective ends to said housing and at a point intermediate their ends with said motor, a pin extending transversely through said motor shaft and projecting beyond the periphery thereof, a grater element shaft having a bore at one end thereof for receiving said motor shaft and an axial notch in which said pin is engaged, a cylindrical grater element carried by said grater element shaft, said element on the cylindrical portion thereof being provided with a plurality of spaced protuberances, and said bowl having apertures therein to permit communication between the interior of said bowl and said chamber.

2,131,378
EDGE SETTING IRON
Oscar L. Lawson, Lynn, Mass., assignor to National Development Company, Lynn, Mass., a corporation of Massachusetts
Application January 2, 1936, Serial No. 57,084
Renewed August 18, 1938
2 Claims. (Cl. 12—103)



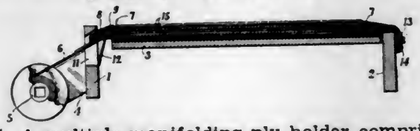
1. An edge setting iron having a shank portion and a separate operative portion detachably mounted thereon, comprising a cylindrical member having a profile corresponding to the configuration to be placed on the work, which is ordinarily stationary, but is rotatable to present a new operative surface when one surface is worn out, and a freely rotatable ornamenting wheel mounted on said cylindrical member.

2,131,379
VISCOMETER
Laurence C. Lay, Oil City, Pa.
Application June 16, 1934, Serial No. 730,922
7 Claims. (Cl. 265—11)



6. In apparatus of the kind described, an inlet chamber, a viscometer chamber and a sub-chamber, arranged in superposed relation, the viscometer chamber having one or more discharge outlets communicating with the subchamber, a supply-tube and an overflow-tube communicating with the inlet chamber, a turbulence-reducing means interposed in the flow between said inlet chamber and the viscometer chamber, and a pressure-equalizing passage extending from a point above the surface of the fluid in the viscometer chamber to the subchamber above the normal level of the liquid in the latter.

2,131,380
MULTI-PLY MANIFOLDING ROLL
Stewart H. Linderman, Burlington, N. J., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application January 2, 1936, Serial No. 57,166
4 Claims. (Cl. 282—28)



1. A multiple manifolding ply holder comprising a plurality of superposed manifolding sheets having leading ends and trailing ends, the sheets attached together near their trailing ends to form a pack; a binding band attached to the upper face of the uppermost manifolding ply of the pack along the secured edge thereof, and extending over the uppermost sheet to a point slightly beyond that at which the manifolding sheets are secured together; the binding band extending in the opposite direction past the secured edges of the manifolding plies to form a tab or extension; a flexible spacing strip to the leading end of which the tab is attached at such distance from the free edge of the spacing strip that said free edge of the spacing strip extends beneath the lowermost ply, to a point slightly beyond the line of attachment of the manifolding plies, to form a protective apron.

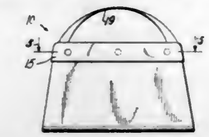
2,131,381
CARBON SET
Stewart H. Linderman, Burlington, N. J., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application June 5, 1936, Serial No. 83,665
5 Claims. (Cl. 282—28)



1. A one piece carbon set comprising a transversely folded sheet with a front fold having an uncoated front surface and a rear surface of a relatively hard carbon coating, the rear fold of the sheet having an uncoated front surface and a rear surface of a relatively soft carbon coating, and an uncoated section at the line of fold.

2,131,382
HANDBAG
Rudolph Lobel, New York, N. Y.
Application June 5, 1937, Serial No. 146,600
4 Claims. (Cl. 150—28)

1. A handbag including a foundation bag having side walls and recess forming end gussets interconnecting the same, a removable cover folded around the bottom of the bag and extending upward along the side walls thereof substantially to the mouth of the bag, means removably engaging the cover with the foundation bag adjacent to said mouth, flaps connected to the foundation bag adjacent to the said mouth and extending downward sufficiently to freely overlie

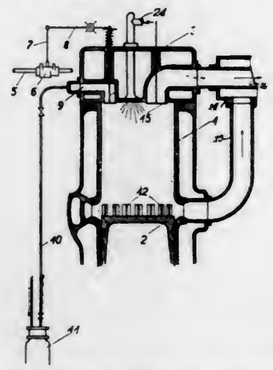


and conceal the adjacent end portions of the cover in otherwise separate relation to the latter, said flaps having end portions extending beyond the ends of the foundation bag and being externally folded into the recesses of the gussets, and means connecting said end portions of the flaps with the gussets to thus prevent the flaps from swinging away from the foundation bag.

2,131,383
PROPELLANT EXPLOSIVE
Henry N. Marsh, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Original application December 18, 1936, Serial No. 116,555. Divided and this application February 4, 1938, Serial No. 188,676
5 Claims. (Cl. 52—6)

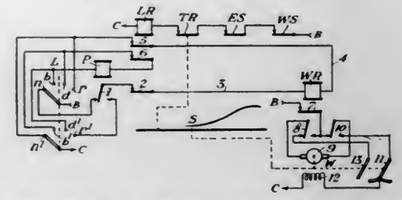
1. A smokeless powder including from about 0.25% to about 2% of an inorganic, silicon-containing substance selected from the group consisting of ground glass and calcium silicide.

2,131,384
WORKING PROCESS FOR INTERNAL COMBUSTION ENGINES AND APPARATUS FOR CARRYING THE SAME INTO EFFECT
Desider Mauthner, Budapest, Hungary
Application April 23, 1935, Serial No. 17,762
In Hungary May 2, 1934
9 Claims. (Cl. 123—75)



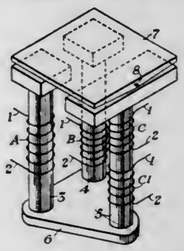
1. In a working process for internal combustion engines the steps of introducing compressed air at the end of the suction period in a tangential direction to the cylinder walls causing the same to execute a whirling rotary motion therearound; and similarly introducing compressed air and water vapor towards the end of the exhaust stroke.

2,131,385
RAILWAY TRAFFIC CONTROLLING APPARATUS
Ronald A. McCann, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application March 14, 1934, Serial No. 715,527
9 Claims. (Cl. 246—3)



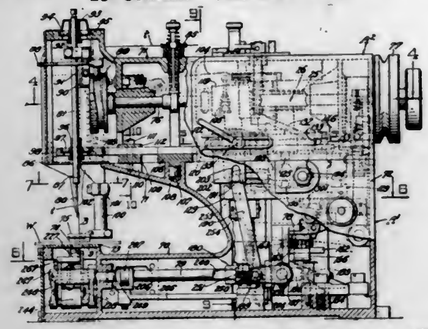
9. Apparatus for the control of a movable device comprising a storing relay responsive to momentary energization and a control member, each having two positions corresponding to two positions of the device, a locking contact, means effective only if the member is moved to one position or the other when said locking contact is closed to cause the relay to move to a position corresponding to that to which the member is moved, and a control circuit closed only when the member and said relay occupy corresponding positions for operating the device to a position corresponding to that of said member.

2,131,386
GROUND DETECTING APPARATUS
Benjamin Mishelevich, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application September 28, 1935, Serial No. 42,697
6 Claims. (Cl. 177—311)



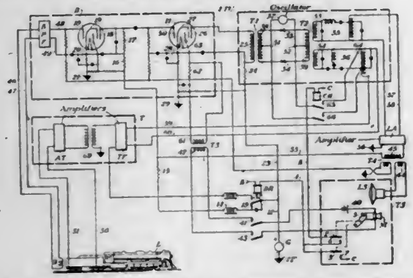
1. A ground detector comprising, in combination, two balanced magnetic circuits each having a magnetizing winding connected across a source of current, an armature normally occupying a neutral position due to the balanced condition of said magnetic circuits, a connection from one of said windings to ground for establishing a ground path around at least a portion of one winding in the event that a terminal of said source becomes grounded thus unbalancing said magnetic circuits to cause operation of said armature, a normally ineffective impedance which is at times connected so as to by-pass current around one of said windings for determining the resistance of the ground on said source, means for restoring said armature to its neutral position following the occurrence of a ground, and means for connecting said impedance so as to by-pass current from one of said windings to thereby oppose the effect of the unbalanced torque on the armature and to provide a measure of the resistance of said ground.

2,131,387
BUTTON SEWING MACHINE
Joseph H. Pikul, Boston, Mass., assignor to The Reece Button Hole Machine Company, Boston, Mass., a corporation of Maine
Application February 19, 1936, Serial No. 64,693
15 Claims. (Cl. 112—111)



1. In a machine for sewing on buttons, stitch forming mechanism including a needle, cooperating loop handling elements, means for reciprocating said needle longitudinally, means for vibrating said needle laterally to cause the same to pass alternately through different holes in a button in the formation of attaching stitches and having provision for thereafter causing said needle to pass twice through the same hole to form a tying stitch, and means for operating said loop handling elements and having provision for causing different operations of said elements during the formation of attaching stitches and tying stitches respectively.

2,131,388
APPARATUS FOR COMMUNICATION SYSTEMS
Willard P. Place, Wilkinsburg, Pa., assignor to Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application September 20, 1935, Serial No. 41,444
11 Claims. (Cl. 179—82)



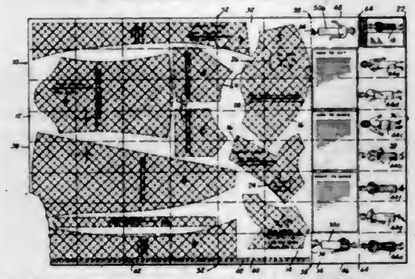
1. In a communication system comprising a communication circuit and receiving apparatus effectively influenced by a modulated carrier frequency current coupled with said circuit; the combination with the above instrumentalities which consists of a frequency translating unit including an input transformer, an output transformer, a source of carrier frequency current connected between a mid terminal of the input transformer secondary winding and a mid terminal of the output transformer primary winding, and two copper-oxide rectifiers one connected between two outside terminals of said windings and the other connected between the other two outside terminals of said windings; a communication device responsive to the modulation frequency of said modulated carrier current, means to effectively connect the output of said receiving apparatus with the primary winding of said input transformer, and means including a low-pass filter to connect the secondary winding of said output transformer with said communicating device.

2,131,389
CONTAINER AND METHOD OF MAKING
Russell I. Rhodes, North Attleboro, Mass., assignor to The Mason Box Company, Attleboro Falls, Mass., a corporation of Massachusetts
Application October 8, 1937, Serial No. 167,917
5 Claims. (Cl. 229—47)



1. A container of the class described, having a wall formed with a free edge portion, a deformable fastener having one end projecting outwardly from said wall and its other end having parts secured to the free edge portion of said wall, and a wrapper secured to the outer face of said wall and having one end folded about said free edge portion and against the inner face of said wall so as to cover substantially completely said other end of the fastener.

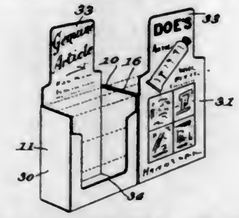
2,131,390
DRESS PATTERN
Isidor Rosenfeld, New York, N. Y.
Application March 10, 1937, Serial No. 129,988
2 Claims. (Cl. 33—12)



2. A dress pattern booklet comprising a rectangular sheet of foldable material, provided on one portion of one face thereof with a plurality of outlines of various dress sections, and on the remaining portion of the same face with fashion representations, said sheet being folded and refolded with respect to said remaining portion to form an elongated rectangular strip, said strip being then folded and refolded transversely of the initial direction of fold to form a plurality of open and closed end portions, constituting the pages of a booklet, displaying the fashion representations, said first above referred to portion, having the dress section outlines, thereon, being covered and protected by and disposed inside of the pages formed by the remaining portion of the sheet.

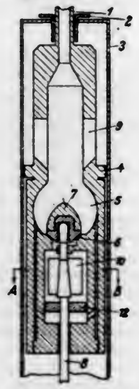
2,131,391
DISPLAY CARTON
Strieder Schraffenberger, Millburn, N. J.
Application January 28, 1937, Serial No. 122,731
1 Claim. (Cl. 206—44)

A shipping carton convertible to form a pair of display containers comprising a body having front, back and side walls and end closures, one of said side walls having a median crease line connecting the front and back walls, the other of said side walls and said front and back walls having a continuous division line extending across the same and connecting opposite ends of said crease line, said division line extending across said other side wall midway between its ends, the portions of said division line upon said front and back walls each defining a U-shaped margin located at one end of one wall and at the opposite end of the



other wall, said division line being readily severable to form two carton portions connected by said crease line and adapted to hinge about said crease line to provide two similarly shaped oppositely facing display containers positioned side by side with the front wall of each alined with the back wall of the other and with their bottoms lying in a common plane and formed by said end closures, each of said containers having a cut-away front wall formed by one of said U-shaped margins and having a back wall which is complementary to its front wall.

2,131,392
MOTOR WORKING IN A BORE HOLE BY MEANS OF A RINSING LIQUID
Theo Seifer, Berlin, Germany
Application November 1, 1935, Serial No. 47,890
In Germany September 23, 1933
6 Claims. (Cl. 255—4)



1. In a hydraulic motor operated by means of a flushing liquid in a well, the combination of a hollow shaft, a piston connected with said shaft, a cylinder slidably enclosing the piston, a chisel carried by said cylinder, the piston being provided with an opening, a valve adapted to close said opening, a spring inserted between the valve and the cylinder and actuating the valve and a member inserted between the valve and the stationary part of the motor which member releases the valve when opened from the water pressure acting thereon, the tubing being provided with outlet ducts below the valve.

2,131,393
ELECTRIC WAVE AMPLIFYING SYSTEM
Albert L. Stillwell, Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 5, 1936, Serial No. 114,392
18 Claims. (Cl. 179—171)

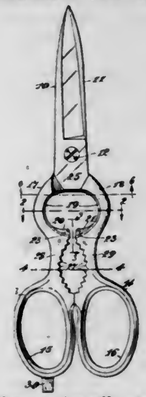


2. The method of operating a transmission controlling system including an amplifier and two impedance networks connected alternately between its input and receiving circuits and also alternately between its output and sending circuits, which comprises causing the impedances of said networks to vary inversely.

2,131,394
PRODUCTION OF VEGETABLE CONCENTRATES
William H. Test, Los Angeles, Calif.
No Drawing. Application June 8, 1936, Serial No. 84,165
11 Claims. (Cl. 87—28)

1. The method of producing a vegetable pigment concentrate from a vegetable substance containing water and also containing a vitamin or pro-vitamin vegetable pigment which is substantially insoluble in water, which comprises: subjecting such a vegetable substance, in divided condition, to extraction with a substantially water-immiscible liquid having a high solvent action for said pigment in the presence of sufficient acid to provide a moderate acidity in the aqueous phase during said extraction, to extract said pigment from the vegetable substance and cause the evtracted pigment to be dissolved substantially wholly in said liquid solvent; separating the liquid solvent containing said dissolved pigment from the remaining undissolved vegetable solids and from the aqueous phase; and recovering said pigment from said solvent.

2,131,395
KITCHEN SCISSORS
Arthur Voss, Yonkers, N. Y., assignor to Graef & Schmidt, Inc., New York, N. Y., a corporation of New York
Application January 27, 1937, Serial No. 122,484
2 Claims. (Cl. 65—46)



1. In a kitchen utensil, a pair of matched members pivoted to each other by a pivot shaft

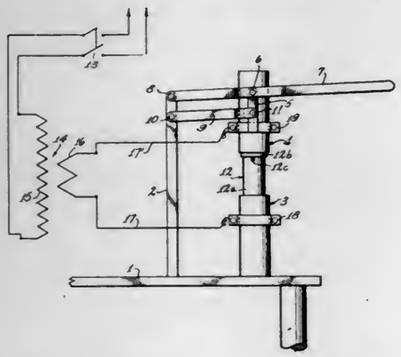
transverse to the length of the members, and reversed in respect to a median line passing through the pivot shaft, each member having a handle portion, and each member having disposed between the pivot shaft and its handle portion close to the pivot shaft a section having a contour extending transverse to the length of said member, a reentrant curved portion bulging outwardly of said median line and merging with said contour, and terminating close to said median line, and a wedge-shaped lug at the said termination and projecting from said curved portion towards said pivot shaft, whereby when the utensil is applied to a bottle cap, the transverse section resting upon the cap acts as a fulcrum, and the wedge-shaped lugs engaging below the skirt of the cap, an upward pull on the handle portions enables the cap to be removed by lever action, the openable handle portions adapting said utensil to the removal of different sized caps.

2,131,396

METHOD OF MELTING METALS BY USE OF AN ELECTRIC FURNACE

John A. Zublin, Los Angeles, and John S. Goodwin, Alhambra, Calif.; said Goodwin assignor to said Zublin

Application March 30, 1937, Serial No. 133,872
5 Claims. (Cl. 75—10)



1. The method of melting a charge comprising applying heat to the charge at a substantially constant rate by means of an electric current of substantially constant value, and intermittently interrupting the current to produce predetermined intervals of non-heat application by said current, said intervals being chosen to permit the temperature of the charge to increase progressively and being dependent upon the value of the current and the weight of the charge.

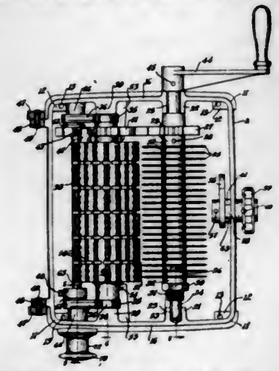
2,131,397

STEAK SLICING AND DICING MACHINE

Albert J. Gurney, Canton, Ohio, assignor to The American Mine Door Company, Canton, Ohio, a corporation of Ohio

Application September 11, 1935, Serial No. 40,085
9 Claims. (Cl. 17—26)

1. A meat tendering machine including a pair of rotatable members comprising a spaced plurality of disk knives and a roll located adjacent to the knives, fixed bearings in which one of said rotatable members is journaled, movable bearings in which the other member is journaled, a rotatable shaft, eccentrics fixed upon said shaft and associated with the movable bearings, and means for rotating said shaft to uniformly adjust the movable bearings relative to the fixed bearings.

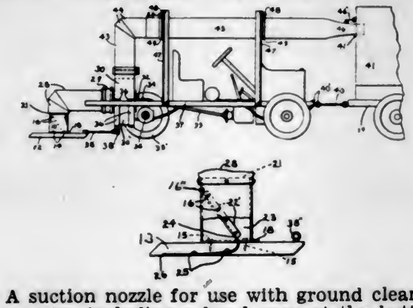


2,131,398

APPARATUS FOR CLEANING GROUNDS

James E. Hubbart, Seattle, Wash.

Application January 2, 1937, Serial No. 118,828
1 Claim. (Cl. 15—19)



A suction nozzle for use with ground cleaning apparatus including a head open at the bottom, spaced parallel skids secured to the bottom edges of the sides of the head, a conveyor tube open to suction communicating with the upper end of the head, a baffle plate within the head and inclining upwardly and rearwardly from the mouth of the head, the forward wall of the head having an outturned lip at its lower end to define with the skids an entrance or mouth for the head, the relation of the lower end of the baffle plate and lip compelling an increased suction effect at the mouth of the head as compared with the remaining portion of the head, a flexible apron extending from the lower end of the baffle plate rearwardly with respect to the mouth of the head, said apron having a width substantially equalling the distance between the skids and a length to compel a considerable portion to rest on the ground surface, said apron being resilient and adapted to be yielding pressed against the ground surface, below the plane of the lower surfaces of the skids in the movement of the apparatus.

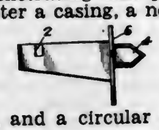
2,131,399

WINDOW SHADE BRACKET

Francis C. Jenkins, Wichita, Kans.

Application November 6, 1936, Serial No. 109,459
3 Claims. (Cl. 248—267)

1. A roller bracket having in combination a face plate with two perforations, and a U-strip with its ends penetrating said perforations and sharpened to enter a casing, a notch in one arm



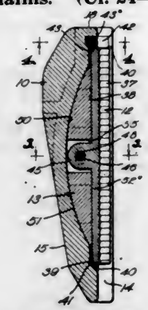
of said U-strip, and a circular aperture in the other arm.

2,131,400

SLIP

Glenn D. Johnson and Charles H. Hardies, Los Angeles, Calif., assignors to Baash-Ross Tool Company, Los Angeles, Calif., a corporation of California

Application July 21, 1936, Serial No. 91,674
19 Claims. (Cl. 24—263)



10. A slip for gripping an object extending through the tapered opening of a rotary table including, a body, an inclined outer surface on the body for bearing on the wall of said opening, an elongate vertically extending gripping element at the inner side of the body, means on the body tiltably carrying the element for the transmission of vertical forces to the body, and a segmental rocker shiftably cooperating with opposing surfaces of the body and gripping element to tilt the element into full cooperation with the object to be gripped.

2,131,401

COMBINATION SHEET FASTENER AND BACKING SHEET

Willis W. Karlen, Vilas, S. Dak.

Application October 7, 1935, Serial No. 43,969
8 Claims. (Cl. 129—25)



1. In combination with a backing sheet element having an embossed depression and an elongated slot opening extending through it and communicating with said embossed depression, a sheet fastener comprising a base portion, a ridge portion on said base portion extending into and engaging said slot opening in said backing sheet element, and a sheet engaging means on said base portion.

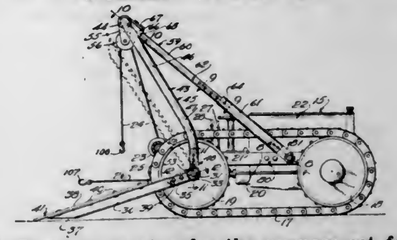
5. A paper filing device, comprising a backing member formed of flexible sheet material, a section of said member being offset to one side thereof and forming a recess in the opposite side, a bendable prong fastener having a base engaged in said recess with bendable paper impaling prongs extending through said backing member for impaling papers on the side opposite said base, and attaching means extending outwardly in opposite directions at the margin of said fastener base having cooperative engagement with said backing member for securing said fastener base to said backing member to retain intimate contact between all portions thereof and for also retaining said section in said offset relation without increasing the composite thickness of said device at any point more than the thickness of said sheet material plus the thickness of the material forming said base.

2,131,402

LOGGING APPARATUS

Elsie H. King, South Bend, Wash.

Application November 5, 1937, Serial No. 173,023
5 Claims. (Cl. 214—85)



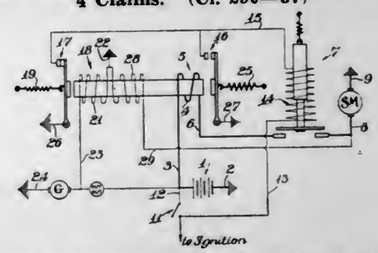
1. In an apparatus for the purpose set forth, a mobile structure of the tractor type including front and rear axles, log elevating and towing cables for connection to the forward end of a log and a pair of selectively operable winding and unwinding drums, one for the elevating and the other for the towing cable, a rearwardly extending support for the elevated forward end of a log, said support being pivotally mounted at its forward end and capable of being disposed at a downward inclination from front to rear with respect to said structure to dispose it in drag-like form, an upstanding adjustable combined lift controlling and elevating cable suspension element pivotally supported at its lower end and carried by said structure from the rear axle, and an upstanding lengthwise adjustable combined bracing and adjusting means for, arranged forwardly of, and connected at its upper end to the upper end of said element, said bracing means being pivotally supported at its lower end from said structure near the front axle.

2,131,403

AUTOMATIC STARTING MECHANISM

Leslie K. Loehr and Wayne E. Burdick, Los Angeles, Calif., assignors to The Startomatic Corporation, Los Angeles, Calif., a corporation of Nevada

Application January 26, 1932, Serial No. 589,027
4 Claims. (Cl. 290—37)



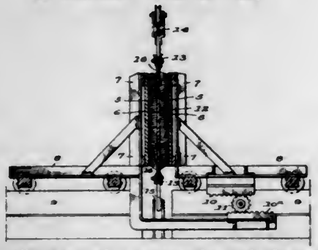
1. In an electrical system for internal combustion engines, an engine-driven generator, a starting system including a starting motor and a magnetic switch therefor, a control circuit for said

magnetic switch including two circuit-closing devices in parallel, one of which is normally closed and the other normally open, means energized by closure of said magnetic switch for closing the second said device, means energized by said generator for opening the first said device, means also energized by closure of the magnetic switch for assisting the generator means in opening the first said device, and means for overcoming said closing means and opening said second device when the engine becomes self-operative.

2,131,404
METHOD AND APPARATUS FOR TEMPERING GLASS

Bernard Long, Paris, France, assignor to The American Securit Company, Washington, D. C., a corporation of Delaware

Application April 8, 1936, Serial No. 73,353
In France April 10, 1935
43 Claims. (Cl. 49—45)



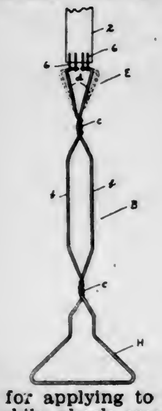
1. A method for the tempering of glass articles previously heated to the softening point which consists in absorbing heat from the surface to be cooled by the contact therewith of brushes constituted by metallic flexible elements.

14. An apparatus for the tempering of glass articles comprising frames which carry brushes constituted by metallic bristles, a movable support to position the glass article between said frames, and means for adjusting the frames towards the glass article and holding the brushes in resilient contact therewith.

2,131,405
TIRE CHAIN APPLIER

Joseph A. Martz, New Kensington, Pa., assignor of one-half to Howard J. Stewart, New Kensington, Pa.

Application November 27, 1937, Serial No. 176,798
2 Claims. (Cl. 81—15.8)

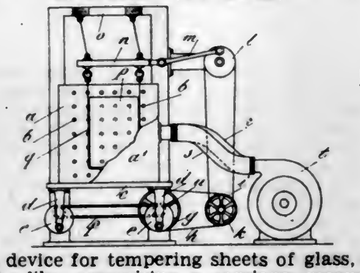


2. A device for applying to the tire-equipped rims of automobile wheels cross-chains provided with terminal loops, said device including an elongate body of normally circular shape provided at one end with means to engage a cross-chain, said body being flexible in the plane of the circle and of resiliency such that, being straightened under tension, it returns to normal shape when the tension is relieved, whereby the device, being advanced around a tire-equipped rim and a cross-chain secured thereto, may be retracted under straight-line pull, drawing the cross-chain to service position, and, thereafter, being relieved of tension, will resume its normal shape; said chain-engaging means comprising a pair of hook-shaped tongs extending from the end of said body and being movable, one hook-shaped element relatively to the other, in direction transverse to said plane of the circular body for articular engagement with a terminal loop on said cross-chain.

2,131,406
DEVICE FOR TEMPERING SHEETS OF GLASS, OF STEEL, AND OTHER MATERIAL, BY AIR

Leonardo Mosmieri and Gino Dal Pino, Florence, Italy, assignors, by mesne assignments, to The American Securit Company, a corporation of Delaware

Application July 30, 1932, Serial No. 627,040. Renewed July 18, 1938. In Italy August 7, 1931
16 Claims. (Cl. 49—45)

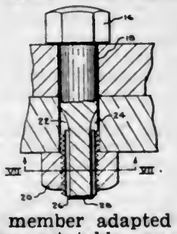


1. A device for tempering sheets of glass, steel and the like, comprising a carriage, means for displacing said carriage, two sets of air circulating means supported by said carriage, and movable sheet supporting means associated with said carriage; further actuating means for said carriage displacing means and the sheet supporting means to produce relative movement between the said carriage and the sheets.

2,131,407
LOCK FOR THREADED FASTENING INSTRUMENTALITIES

William H. Murray, Detroit, Mich.

Application June 21, 1937, Serial No. 149,347
5 Claims. (Cl. 151—23)

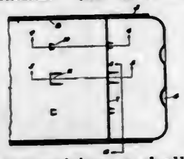


4. A locking member adapted to be inserted between relative rotatable concentrically disposed interengaging threaded members, said member being formed from relatively stiff resilient wire stock and of U-shaped configuration consisting of a looped end and a pair of parallel leg portions, said leg portions having inner and outer side portions, said inner and outer portions engaging with opposed portions of the threaded parts, planes through said side portions closely approaching radial planes, said looped portion establishing and tending to maintain the angularity of said leg portions.

2,131,408
TACKLE BOX TRAY

Herbert C. Murrer, Cincinnati, Ohio

Application December 29, 1936, Serial No. 118,138
3 Claims. (Cl. 220—22)



1. A box tray comprising: a shallow tray member having slightly flared side walls; a removable partition adapted for selective placement across the interior of said tray in either of at least two predetermined positions; a tongue extending laterally from the bottom of said partition; said tray having, in each of its partition receiving positions, side wall means to engage the ends of the partition, raised nubs on its inner bottom face to engage one face of a positioned partition, and a depressed bottom lug which slants downwardly below the bottom plane to form in the bottom a laterally facing opening to receive said tongue; said nubs and tongue being so relatively positioned as to require the partition to be sprung over the nubs in one direction during the insertion of the tongue in said opening, and in the opposite direction during its withdrawal whereby they cooperate to prevent accidental horizontal displacement of said partition in opposite directions.

2,131,409
WASHING, DESULPHURIZING, BLEACHING, FINISHING, AND LIKE TREATMENTS OF ARTIFICIAL YARNS

Alfredo Nai, Milan, Italy, assignor to "Chatillon" Societa Anonima Italiana per le Fibre Tessili Artificiali, Milan, Italy

Application June 6, 1936, Serial No. 83,998
In Italy April 9, 1936
1 Claim. (Cl. 8—151)

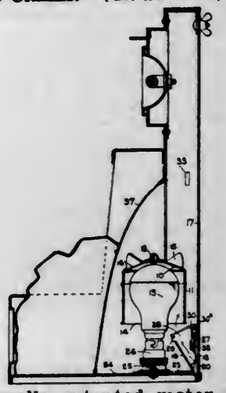


A process for the treatment of continuous threads of artificial yarns or filaments by liquids passing through a tube larger than said yarn comprising the steps of passing the continuous yarn through said tube and injecting under pressure a continuous stream of the treating liquid through said tube in a direction parallel to the direction of movement of said yarn the pressure being maintained throughout the tube so as to move said yarn through said tube in a longitudinal direction and so as to keep the yarn taut.

2,131,410
IMITATION FIRE

Albert Edward Newton, Birmingham, England, assignor to Premier Electric Heaters, Limited, Birmingham, England

Application January 11, 1937, Serial No. 120,029
In Great Britain January 2, 1936
16 Claims. (Cl. 272—15)

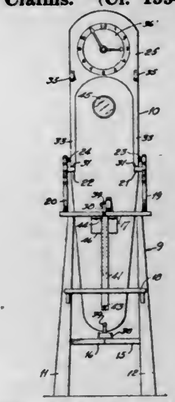


10. A thermally actuated motor of the kind specified, comprising a body mounted for rotation, said body being provided with abutment surfaces, means adapted thermally to produce air currents which impinge on said abutment surfaces, the latter being adapted to apply to said body the force exerted by said air currents and impart rotation to said body, and means adapted to guide the air currents in a direction which is inclined to the axis of rotation of the body so as to apply to the abutment surfaces a component force in the direction of rotation of the body.

2,131,411
CONVERTIBLE ARTICLE OF FURNITURE

Louis Nolan Nomar, Charleston, W. Va.

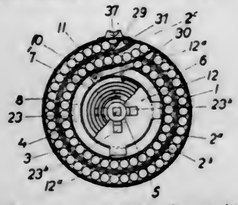
Application March 24, 1937, Serial No. 132,868
5 Claims. (Cl. 155—43)



1. A convertible article of furniture comprising in combination, a supporting structure adapted to selectively provide a chair and a supporting base for an ironing board, said structure being provided at its upper portion with a chair seat and a pair of chair side arms; an adjustable element having a pair of interfitting angularly adjustable sections, means pivotally connecting said sections for relative swing-

ing movement and pivotally suspending said element from the upper rear portion of said supporting structure for swinging movement as a unit in a vertical plane from upright position to horizontal position and means for latching said sections against relative swinging movement; said means pivotally connecting said sections having provisions whereby one of said sections has a limited sliding movement relative to the other when the sections are unlatched to free the same for relative swinging movement; said element when in an upstanding position coacting with the seat and side arms of said structure to form a high chair with a back in which said relatively movable section may be swung forwardly from interfitted relation with the other section to a horizontal position to form a tray in front of said other section; said element when in horizontal position coacting with said supporting structure to provide an ironing board supported by said structure; and said chair side arms having means adjacent the front thereof to support said section when the latter serves as a high chair tray and supporting said element when in horizontal position to serve as an ironing board.

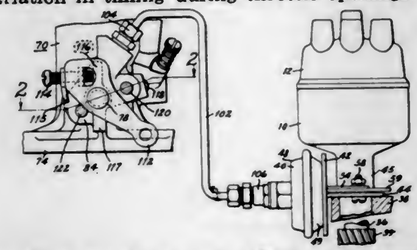
2,131,412
CASE FOR CARTRIDGES
Oskar Alfred Östman, Tikkakoski, Kuikka, Finland
Application November 21, 1936, Serial No. 112,124
In Finland November 26, 1935
6 Claims. (Cl. 42—49)



1. A cartridge case of the character described comprising a substantially cylindrical housing including a peripheral wall, a washer arranged for rotation within said housing, spaced relatively inner and outer substantially annular partition members in said housing, said partition members being operatively associated with said washer so as to rotate therewith, said washer and partition member defining a pair of juxtaposed relatively inner and outer channels adapted to receive the cartridges and from which, consecutively, the latter are discharged, the wall of said cylindrical housing being provided with an outlet for said cartridges, means on the inner surface of said wall for directing cartridges to said outlet, means for evacuating one of said channels by rotating said washer and associated partition members, and means for holding said washer and partition members against rotation upon completion of the evacuation of said one channel, said evacuating means then functioning also to evacuate the other of said channels while said washer and partition members are held against rotation.

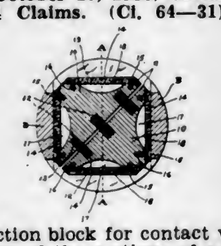
2,131,413
IGNITION TIMING CONTROL
Everett H. Shepard, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application February 28, 1936, Serial No. 66,173
17 Claims. (Cl. 123—117)

1. Ignition apparatus for internal combustion engines comprising in combination, a carburetor having a throttle valve providing in the carburetor a high pressure zone and a low pressure zone, a circuit interrupter, an engine driven cam for operating the interrupter, a device having communication with the carburetor and responsive to the combined pressure effect in both zones for controlling the angular relation between the interrupter and cam in order to vary the ignition timing as the throttle is opened, and means for controlling the communication to prevent any variation in timing during throttle openings for



an idling speed range, to effect an advance in timing during throttle openings for an acceleration speed band, to maintain a predetermined amount of advance in timing during throttle openings for a cruising speed band, to decrease the amount of timing advance as the throttle opens for speed increases so as to maintain a fixed level of spark advance over throttle openings for a travel speed band, and to eliminate any variation in timing due to the device during throttle openings for operation in an excessive speed band.

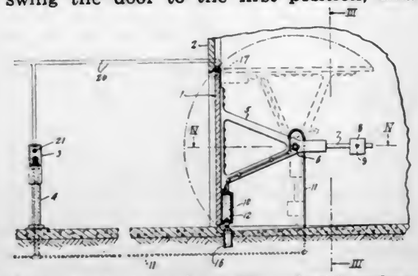
2,131,414
SPRING ACTION FRICTION BLOCK STRUCTURE
Arthur E. Westburgh, Jamestown, N. Y.
Application October 10, 1936, Serial No. 105,114
4 Claims. (Cl. 64—31)



1. In a friction block for contact with the surrounding jaws of the sections of a flexible coupling, said block at its jaw-engaging edges having removable shoes, said block comprising metallic sections provided with diagonal faces, said faces having recesses therein, and expansive coil springs seated in said recesses.

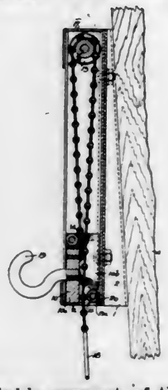
2,131,415
APPARATUS FOR OPENING AND CLOSING DOORS
Hoke Woodward, Los Angeles, Calif.
Application June 1, 1936, Serial No. 82,725
7 Claims. (Cl. 268—30)

2. In a door structure, the combination of a door of the overhead swinging type, pivot means permitting the door to swing to and from overhead position, overbalancing means for swinging the door around said pivot to one position, means adapted to receive water to overweight the door with reference to said overbalancing means to cause the door to swing to a second position, water discharge means in the water receiving means, means for actuating the latter said means to discharge the water from the receiving means, means to hold the door in the second position against the tendency of the overbalancing means to swing the door to the first position, and a



control means remotely positioned with reference to said door for controlling the latch means and the supply of water to the water receiving means.

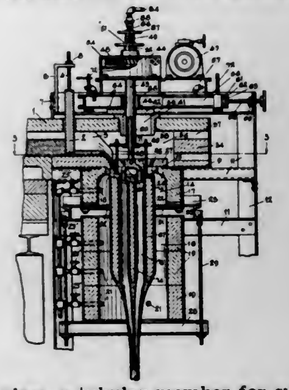
2,131,416
ADJUSTABLE SUPPORT FOR CLOTHES-LINES AND THE LIKE
Andrew Zetts, Lakewood, Ohio
Application October 22, 1937, Serial No. 170,455
2 Claims. (Cl. 211—119.17)



1. An adjustable support of the character described comprising a rest adapted to be mounted upon a vertical surface, said rest having its outer face inclined to said surface whereby its lower extremity is spaced farther from said surface than its upper extremity, a guide upon said rest, a slide movable up and down said guide along an inclined path corresponding to the inclination of the rest, a hook adapted to receive one end of a clothes line projecting from the slide, a pulley in the guide, a chain extending from said slide, over the pulley and downwardly beneath the guide, a plate mounted upon the underside of the guide having a slot therethrough for the passage of said chain, and means holding said chain against accidental movement in all positions of the slide.

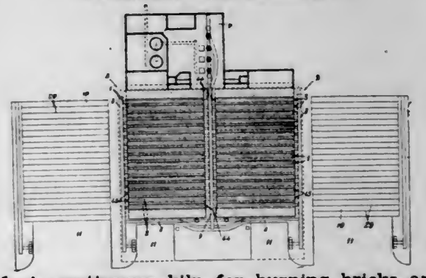
2,131,417
MEANS FOR PRODUCING MULTIBORE GLASS TUBING
Edward Danner, Newark, Ohio
Application July 29, 1936, Serial No. 93,144
6 Claims. (Cl. 49—17.1)

1. In a hollow glassware shaping apparatus, a rotatable member, a hollow mandrel depending from the rotatable member, means for flowing glass on the upper end of the mandrel, a pair of independently heated chambers into which the mandrel extends, means for varying the temperature of the chambers, a source of supply of air under pressure, an intercepting member having parts for distributing glass over an interior surface of the mandrel and in air-sealing contact



with the glass, a tubular member for supporting the intercepting member and connecting the interior of the mandrel with the source of supply of air under pressure and connected to the rotatable member, and means for rotating the said member and the mandrel.

2,131,418
CONTINUOUS KILN
Arthur Geyer, Chippenham, England
Application March 10, 1937, Serial No. 130,204
In Great Britain March 13, 1936
10 Claims. (Cl. 25—134)



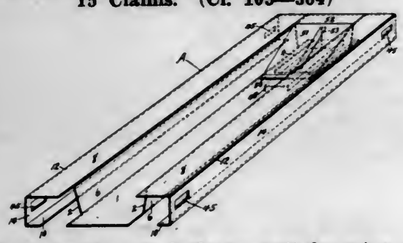
1. A continuous kiln for burning bricks and the like comprising a bank of chambers adapted to be fired in an appropriate sequence, a channel in the base of each of the said chambers, rail tracks located in the channels whereby trolleys supporting sections constituting removable floor arches with goods loaded thereon may be introduced into and withdrawn from the chambers, and fire connection flues interconnecting alternate chambers of the bank so that the firing of necessity travels in succession through alternate chambers of the bank.

2,131,419
INSOLUBLE ANTHRAQUINONE COMPOUNDS IN CONCENTRATED FORM
Wilbert A. Herrett, Hamburg, N. Y., assignor to National Aniline & Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application December 14, 1935, Serial No. 54,512
5 Claims. (Cl. 260—303)

1. The improvement in the method of controlling the form of an anthraquinone vat dyestuff,

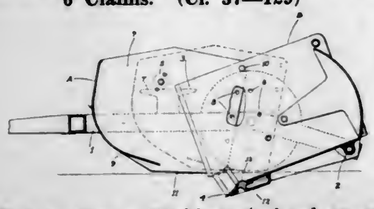
which comprises dissolving an anthraquinone vat dyestuff selected from the group consisting of dichlor - iso - dibenzanthrone, 4,4' - di(benzoylamino) - 1,1'-dianthrimide, and the crystalline yellow anthraquinone vat dyestuff which dyes cotton from a hydrosulfite vat a strong, bright yellow and which is obtainable by heating 2,6-diaminoanthraquinone with sulfur and benzal chloride, and an alkali-metal sulfate in sulfuric acid of sufficient concentration to completely dissolve said anthraquinone vat dyestuff, precipitating the anthraquinone vat dyestuff from the resulting solution by adding the solution to an aqueous diluting liquid, and filtering the resulting precipitate from the resulting dilute solution of sulfuric acid.

2,131,420
MINE CAR
Warren V. Johnson, Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y., a corporation of New Jersey
Application December 4, 1935, Serial No. 52,768
15 Claims. (Cl. 105—364)



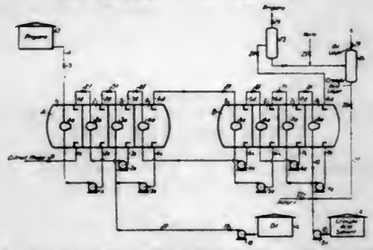
1. A one piece underframe unit for mine cars comprising a central floor portion, inner side portions extending upwardly from said central floor portion, side floor portions extending outwardly from said inner side portions, and outer side portions depending from said side floor portions and each having a stiffening flange at its lower edge substantially in alignment with the central floor portion.

2,131,421
SCRAPER
William Joseph Adams, Santa Cruz, Calif., assignor to W. J. Adams, Inc., Stockton, Calif., a corporation
Application March 23, 1936, Serial No. 70,218
6 Claims. (Cl. 37—129)



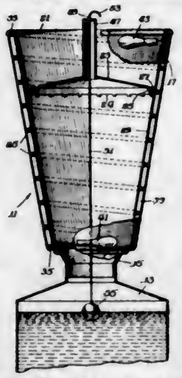
3. In a scraper, a tiltable main bowl, an auxiliary bowl in front of the main bowl, said main bowl including side plates and a scraper blade disposed adjacent the forward end of the side plates and the auxiliary bowl including a bottom plate and side plates outwardly overlapping the side plates of the main bowl, means pivotally connecting the overlapping side plates together above the bottom thereof in position to cause the rear edge of the bottom plate to engage the blade when the bowls are in transporting position, and means functioning with the tilting of the main bowl to a digging position with the blade below ground level to cause the bottom plate to remain above ground level in an advanced position relative to the blade; the side plates of the auxiliary bowl being formed so that the bottom edges thereof are then disposed on a level below the rear end of the bottom plate and extend adjacent ground level from a point some distance ahead of said end of the bottom plate to a termination rearwardly of the forward end of the side plates of the main bowl.

2,131,422
EXTRACTION PROCESS
Alvin P. Anderson, Alton, Ill., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
Application February 20, 1937, Serial No. 126,889
10 Claims. (Cl. 196—13)



1. A process for the separation of paraffinic and non-paraffinic portions of a petroleum lubricating oil fraction containing the same, comprising the steps of flowing concurrent streams of said oil and a liquid auxiliary solvent for the paraffinic portion of the oil, consisting predominantly of one or more liquid or liquefied hydrocarbons containing less than six carbon atoms in the molecule through an extraction zone counter-currently to a stream of a cresylic acid-containing selective solvent containing between about 0.3% and 1.0% water under conditions to cause the formation of counterflowing raffinate and extract phases, separating said phases, and removing the separated phases at spaced points in the extraction zone.

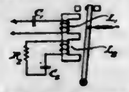
2,131,423
COOLER FOR LIQUIDS
Henry B. Babson and Chester A. Thomas, Chicago, Ill.
Application March 20, 1936, Serial No. 69,817
9 Claims. (Cl. 31—4)



1. A cooler for liquids comprising a sleeve-like housing having hollow walls for the circulation

of a cooling medium, and liquid distributing means within said housing and comprising a removable partition having edges formed at intervals with projections adapted to engage with the inner walls of said housing whereby to form, between the edge of said partition and the walls of said housing, an elongated slot terminating at its opposite ends at said projections, and through which slot liquid, introduced into the housing on one side of the partition, may be delivered thence through the slot peripherally of the partition onto the inner walls of the housing to flow in film-like condition over said walls on the opposite side of said partition.

2,131,424
SELECTIVE VOICE FREQUENCY RELAY
Paul F. Bechberger, Bergenfield, N. J., Charles S. Thompson, Brooklyn, N. Y., and Frederick Holborn, Cedar Grove, N. J., assignors to The Western Union Telegraph Company, New York, N. Y., a corporation of New York
Application May 8, 1934, Serial No. 724,540
7 Claims. (Cl. 175—320)



1. A relay adapted to be operated by current of a definite band of frequencies, comprising a network selective to said band of frequencies and having series and shunt branches, each branch including an inductive element and a condenser, said relay having energizing windings constituting respectively the inductive elements of the series and shunt branches of said network.

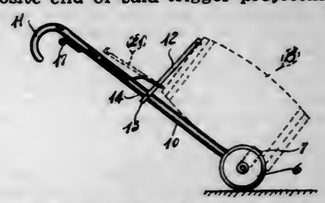
2,131,425
BASKET
Floren Cipar, Chicago, Ill.
Application December 24, 1936, Serial No. 117,485
2 Claims. (Cl. 217—122)



1. In a basket, the combination of a bottom-plate of sheet metal provided with an upwardly and outwardly inclined flange, a top-ring of metal wire, an annular series of ribs of metal wire, spaced apart circumferentially and having their ends welded to the flange on the bottom-plate and to the top-ring respectively and circumferential strands of ratan between the bottom-plate and the ring and interlaced with the ribs in close fitting relation to form a substantially rigid structure.

2,131,426
MATERIAL HANDLING TRUCK
Milford L. Croff, Morley, Mich.
Application August 24, 1937, Serial No. 160,651
5 Claims. (Cl. 214—65.4)

1. A hand-truck of the character described including an axle, ground engaging wheels mounted thereon, a pronged, curved bracket mounted directly on said axle, a single upwardly extending hollow handle secured thereto, a claw pivotally mounted on the handle and adapted to releasably engage the article to be handled, and a trigger member extending through said handle with its one end pivotally connected to said claw, the opposite end of said trigger projecting from

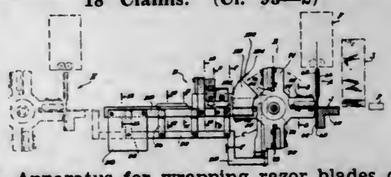


the handle and being disposed in close relationship therewith to permit actuation thereof without releasing the hand from said handle.

2,131,427
PROCESS OF ELECTROLYTICALLY DEPOSITING IRON AND NICKEL ALLOY
William A. Crowder, Newark, N. J., assignor to Pyrene Manufacturing Company, Newark, N. J., a corporation of Delaware
No Drawing. Application November 19, 1935, Serial No. 50,547
5 Claims. (Cl. 204—2)

1. The process of electrolytically depositing iron and nickel alloy not substantially exceeding 5% nickel, which comprises electroplating through a heated solution of iron and nickel salts consisting of ferrous sulphate and nickel sulphate, said solution containing hydrofluoric acid and sodium fluoride, the relative quantities of ferrous sulphate and nickel sulphate present in said solution being such as to cause the ratio of nickel to iron present in said solution to be the same as in the desired alloy not substantially exceeding 5% nickel to be deposited, the quantity of ferrous sulphate present in said solution being sufficient to bring it at the temperature of operation to a specific gravity of substantially 1.25 referred to water at 20° centigrade, the quantity of hydrofluoric acid present in said solution being such as to cause it to be operated at a pH not exceeding 5.0, and the quantity of sodium fluoride present in said solution being such as to cause it to be substantially saturated therewith.

2,131,428
WRAPPING MACHINE
Godfrey Dalkowitz, New York, N. Y., assignor to American Safety Razor Corporation, Brooklyn, N. Y., a corporation of Virginia
Application September 17, 1934, Serial No. 744,294
18 Claims. (Cl. 93—2)



1. Apparatus for wrapping razor blades comprising a wrapper positioning member for holding a wrapper across the path of an advancing razor blade so as to be engaged thereby and folded over the same so as to form a wrapper and blade assembly, an intermittently rotatable member having means therein for receiving and holding said wrapper and blade assembly while said member is in a stationary position, a guide channel for said assembly, means to remove said assembly from said member while it is in another stationary position and to push it into said guide channel, folding means for preliminarily folding portions of said wrapper into an intermediate position perpendicular to the body of the wrapper before the entry of said assembly into said

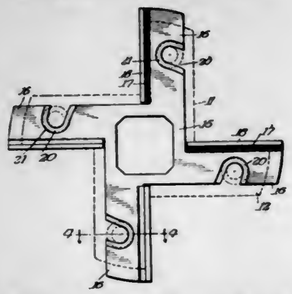
channel, means for advancing said assembly along said channel, guide means for retaining said last-mentioned portions of said wrapper in said perpendicular position, means for causing other portions of said wrapper to assume an overlying relation to the blade, creasing means for creasing the line of junction of said perpendicular flaps with the body of the wrapper, means for retaining said overlying portions in said overlying relation to the blade, means for folding the perpendicular portions into an overlying position to the blade and to said first-mentioned overlying portions and means for preventing the folding down of certain of said perpendicular portions until the other perpendicular portions have been folded down so as to overlie the blade and means for receiving the completed blade and wrapper assembly after its passage through said channel.

2,131,429

MEAT CUTTER

Charles W. Dieckmann, Chicago, Ill.

Application November 11, 1936, Serial No. 110,231
1 Claim. (Cl. 146—189)



A cutter for a meat grinder comprising a spider having a hub adapted to be driven by and mounted on a shaft, flared heads fixed on and projecting from one face of the spider, a knife fitting against one face of the spider, formed of a stamped plate of metal and comprising an integral hub and a series of radial arms, each arm having a flange projecting laterally therefrom with its outer end forming a radial cutting edge at the front of the arm, the arms having countersunk slots with inclined edges open at and extending inwardly from the rear edges and terminating rearwardly of the flanges, the flared heads and inclined edges of the slots forming, by relative rotation of the spider and knife, an interlocking and wedging connection for securing the knife and the spider together against axial separation and by their wedge action forcing the arms against the spider when pressure is exerted against the flanges by the material being ground, the outer ends of the heads being disposed within the slots so that the flanges will be useable for cutting until they have been removed to the plane of the outer face of the arms.

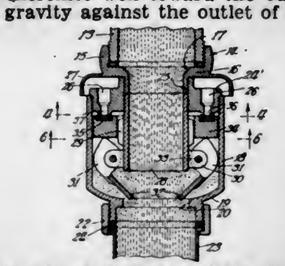
2,131,430

VACUUM BREAKER

August C. Dobrick and Ralph A. Tank, Chicago, Ill., assignors to The Imperial Brass Manufacturing Company, Chicago, Ill., a corporation of Illinois

Application November 25, 1935, Serial No. 51,382
Renewed March 3, 1938
18 Claims. (Cl. 137—69)

1. In a vacuum breaker, the combination with a chamber having an outlet through which a liquid is discharged at intervals, of a nozzle extending thereinto well toward the outlet, a flap held by gravity against the outlet of said nozzle



when there is no discharge of the liquid, an air inlet to said chamber concentric with the nozzle, and a valve member cooperating with the air inlet controlled by the flap.

2,131,431

FREE-MIXING FINELY DIVIDED MATERIAL AND METHOD OF INHIBITING ITS NORMAL FLOCCULATION OR COHESION

Augustus H. Fiske, Warren, R. I., assignor to Rumford Chemical Works, Rumford, R. I., a corporation of Rhode Island

No Drawing. Application July 31, 1937, Serial No. 156,809
5 Claims. (Cl. 23—239)

1. A method of preparing for sale a finely divided normally coherent material consisting in charging the particles thereof with electricity of one sign only, and packing the charged material in a compressible container.

2,131,432

METHOD OF IMPROVING THE KEEPING QUALITIES OF REACTIVE MATERIALS

Augustus H. Fiske, Warren, R. I., assignor to Rumford Chemical Works, Rumford, R. I., a corporation of Rhode Island

No Drawing. Application August 31, 1937, Serial No. 161,751
13 Claims. (Cl. 99—95)

1. In a method of improving the keeping qualities of baking powder comprising acid and alkaline reactants, that step consisting in charging each of the reactive factors separately with an electrostatic charge of high intensity and like sign to render their respective particles mutually repellant.

2,131,433

BAKING POWDER AND METHOD OF IMPROVING THE KEEPING QUALITIES OF THE SAME

Augustus H. Fiske, Warren, R. I., assignor to Rumford Chemical Works, Rumford, R. I., a corporation of Rhode Island

No Drawing. Application August 31, 1937, Serial No. 162,172
11 Claims. (Cl. 99—95)

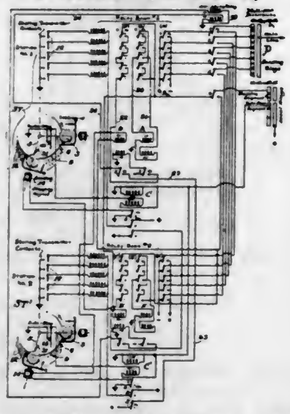
1. In a baking powder, a pair of reactant factors, one reactant consisting of bicarbonate of soda and a smaller amount of calcium carbonate in intimate admixture in a fine dry diluent body of starch, and the other reactant being monocalcium phosphate admixed with said mixture of said first named reactant and starch, the particles of said reactant factors each having a separate charge of static electricity of like sign whereby to provide mutual repellance between said reactants through the starchy body of the mixture prior to use.

2,131,434

SENDING CHANNEL ASSIGNER

Hakon H. Haglund, New York, N. Y., assignor to The Western Union Telegraph Company, New York, N. Y., a corporation of New York

Application December 11, 1934, Serial No. 757,037
8 Claims. (Cl. 178—3)



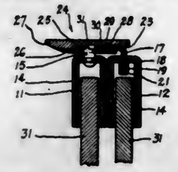
1. The method of assigning a transmitting channel of a telegraph system jointly to two branch transmitting stations which comprises setting up and storing telegraphic code messages by the respective stations, automatically shifting said channel alternately from one station to the other at the end of each message and suspending the shifting operation whenever the supply of messages is exhausted at one station, while continuing the transmission into said channel from the other station.

2,131,435

HANDBAG LOCK MOUNTING

Hyman Horwitz and Sanford B. Megdall, Brooklyn, N. Y.

Application June 11, 1937, Serial No. 147,594
6 Claims. (Cl. 292—228)



3. A latch device of the type that is spring mounted on one frame member for downward snap engagement with a top catch element of a companion frame member, including a mounting member having an anchor portion, an interchangeable ornament member having a flat casing open at one end for snugly receiving the anchor portion, the latter and the casing having interconnecting means comprising a portion that is deformable to cause the interconnection, the casing having a hole in its under side to receive a catch element, and the casing having at its under side a cam face for the catch element leading to said hole.

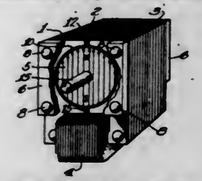
2,131,436

DYNAMO-ELECTRIC MACHINE

Hugh A. Howell, Berwyn, Ill., assignor to Frank Raffles, Chicago, Ill.

Application July 7, 1937, Serial No. 152,385
3 Claims. (Cl. 171—209)

1. A dynamo electric machine comprising a stator including a winding and two magnetic structures shaped to form pole pieces and adapted to receive a rotor between them, each of the pole pieces extending through an arc of almost 180° so that two pole pieces substantially surround the hereinafter mentioned rotor with a small air gap between the pole pieces, at least one of the structures including a portion adapted to be inserted into a pre-formed winding towards the other structure to form a magnetic shunt around the pole pieces and through the winding, with the edge of the portion that extends into the winding constituting a break in the continuity of the magnetic shunt around the pole pieces, and a windingless permanent magnet rotor rotatable between the pole pieces.

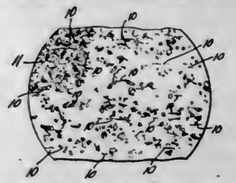


2,131,437

ADMIRALTY CONDENSER TUBE

Herbert C. Jennison, Bridgeport, Conn., assignor to The American Brass Company, Waterbury, Conn., a corporation of Connecticut

Application April 13, 1936, Serial No. 74,156
3 Claims. (Cl. 138—47)



1. A drawn metal condenser tube formed from an alloy comprising about 71% copper, 1% tin, and balance substantially zinc in which certain microscopic defects have a tendency during the process of drawing to perceptibly elongate thereby forming points having a tendency to be attached by corrosion, in which such defects have been reduced by the addition to the molten metal of a small proportion of a deoxidizing and degasifying agent which has greater affinity for oxygen and absorbed gases than that possessed by any of the metals of the alloy.

2,131,438

BOTTLE CAPSULE AND PROCESS FOR MANUFACTURING THE SAME

Poul Viggo Jensen, Hellerup, near Copenhagen, Denmark

Application February 18, 1935, Serial No. 6,981
In Sweden November 13, 1934
5 Claims. (Cl. 215—38)

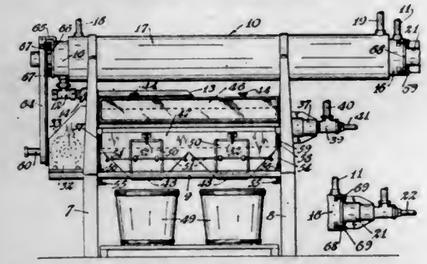


1. A capsule made from a metal foil blank for application over the sealed end of a receptacle, said capsule comprising a relatively flat bottom or end portion and a depending skirt portion, said skirt having smoothly flattened, tapered

pleats of superposed thicknesses of material extending longitudinally throughout the depth of the skirt, the pleats having their maximum width at the peripheral lower edge of the skirt, and terminating in the intersection of the closed end and the skirt.

4. The herein described method of making bottle capsules from metal foil blanks, which method comprises folding said blank and forming a flat closed end and a depending skirt portion with radially projecting tapering pleats having their maximum projections in the open end of the skirt and terminating in the intersection of the closed end and skirt, and finally smoothly flattening said pleats to abut each other around the peripheral edge at the open end of the skirt.

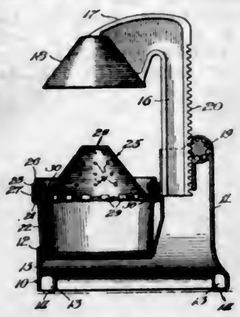
2,131,439
MACHINE FOR COOLING CREAM AND LIKE PRODUCTS
Alex Johnson, Minneapolis, Minn., assignor to Land O'Lakes Creameries, Inc., Minneapolis, Minn., a corporation of Minnesota
Application June 11, 1936, Serial No. 84,629
4 Claims. (Cl. 62—114)



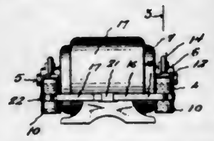
1. Congealing apparatus for cream and like products comprising, a pair of horizontally extending cylindrical coolers disposed with their peripheries in rolling contact one with the other, a pair of oppositely disposed walls forming a receiving trough for the liquid to be cooled between them and above the contacting peripheries of said coolers, the lower edges of said walls being slightly spaced from the peripheries of said coolers respectively for spreading the product to be cooled over the upper peripheries of said coolers, means for removing a coating of said product from the peripheries of said coolers, a cooling medium, means for circulating the cooling medium within said coolers and power-driven means for rotating said coolers.

2,131,440
JUICE EXTRACTING DEVICE
Herbert C. Johnson, Chicago, Ill.
Application March 31, 1937, Serial No. 133,976
5 Claims. (Cl. 100—42)

3. A juice extracting device comprising, a base having a pocket therein, a receptacle having its bottom part removably received in said pocket, an integral squeeze unit including a skirt part removably fitted within the open end of said receptacle, a frusto-conical strainer-type squeeze member extending upwardly of said receptacle, a perforated bridge part connecting the lower edges of said skirt and squeeze member, and spaced lug or rib elements on the under side of said bridge part adapted to engage and space said bridge part from the receptacle wall and also adapted to brace and strengthen said bridge part, a movable squeeze member, a support movable axially of the first squeeze member and which carries said movable squeeze member in alignment with said first squeeze member, and means for moving said support.

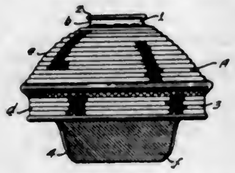


2,131,441
OILER
Oscar H. Jung, Wauwatosa, and Paul E. Heffelfinger, Milwaukee, Wis.
Application June 6, 1935, Serial No. 25,262
1 Claim. (Cl. 184—85)



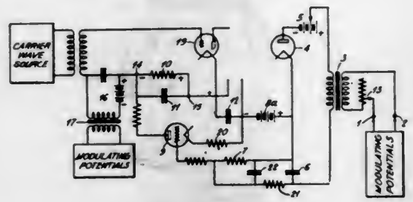
A thermo capillary lubricator device for bearings comprising a pair of oil reservoirs, caps detachably associated with said reservoirs, conductor tubes carried by the reservoirs, oil feeding wicks extending through the tubes and into the reservoirs, and an adjustable bracket connecting said reservoirs together including a pair of like companion sections having a pair of inwardly directed legs, and a pair of overlapping arms, means adjustably connecting said arms together, and clamps on said legs receiving the reservoirs.

2,131,442
LAMP SHADE
John A. Korengold, Chicago, Ill.
Application April 22, 1937, Serial No. 138,328
5 Claims. (Cl. 240—103)



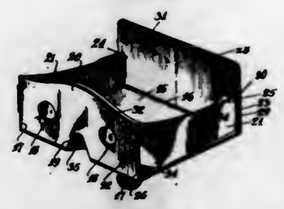
1. As a new article of manufacture, a lampshade comprising a translucent opal glass reflector body-portion provided upon its outer face with a translucent coating, an annular rim depending from the lower margin of the body-portion and provided upon its outer face with an opaque coating, and an attachment-collar upstanding from the body-portion centrally of its upper extremity, said collar having an opaque exterior coating.

2,131,443
SIGNALING
Wilhelm Kummerer and Rudolf Gürtler, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application May 16, 1934, Serial No. 725,846
In Germany May 18, 1933
10 Claims. (Cl. 179—171)



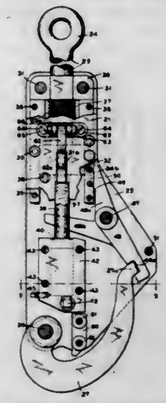
1. A signaling system comprising, a thermionic tube having a control grid and a cathode, a circuit for applying carrier waves to said control grid, a source of modulating potentials, a transformer having its primary winding connected to said source of modulating potentials, a resistance and a source of potential connecting the secondary winding of said transformer between the control grid and cathode of said first named tube, a rectifier having its input electrodes energized by said modulating potentials, an additional tube having an anode, a cathode and a control grid, a second resistance, a filter circuit connecting the output electrodes of said rectifier in parallel with said second resistance, a connection between said second resistance and the control grid and cathode of said additional tube, and a connection between the anode and cathode of said additional tube and said first named resistance.

2,131,444
STEREOSCOPE
Hugo Lateltin, New York, N. Y., and Herman E. Bernhard, Miami, Fla.
Application January 4, 1936, Serial No. 57,466
4 Claims. (Cl. 88—29)



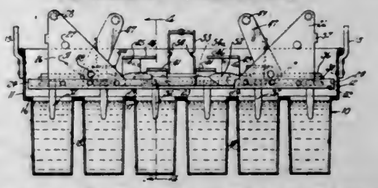
1. A stereoscope comprising a body including a front wall, a base extending rearwardly therefrom, side walls connected to said front wall and also extending rearwardly therefrom, a rear wall extending upwardly from said base, said side walls being formed with slots at points adjacent the front wall, a lens mounting member disposed between said side walls and adjacent said front wall, and extensions forming a part of said member and projecting through said slots whereby to secure said member against movement with respect to said front wall, and said front member and base being formed with cut-out portions to accommodate the nose of the user.

2,131,445
RELEASING GEAR
Chester S. Lawton, Ridgewood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y., a corporation of New York
Application March 2, 1937, Serial No. 128,688
12 Claims. (Cl. 294—83)



1. Automatic releasing gear comprising means for releasably holding a load, means automatically operative upon removal of the force exerted on the gear by the load for releasing the load from the gear, and means for preventing release of the load, when the force exerted thereby is removed from the gear, until a predetermined time interval has elapsed after the removal of said force.

2,131,446
DEVICE FOR MOLDING FROZEN CONFECTIONS
Ludwig Loewenstein, Chicago, Ill.
Application September 12, 1936, Serial No. 100,422
5 Claims. (Cl. 107—8)

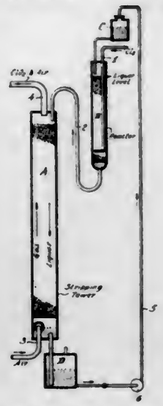


1. In a confection making apparatus having a mold with a plurality of cavities for receiving the confection material, a removable portable carrier adapted to be supported above said mold cavities, a sectional frame on said carrier rods depending from each section of said frame into each mold cavity to which the confections congeal, and means for independently actuating each section for successively stripping said confections from said rods when the carrier is removed from the mold cavities.

2,131,447
CHLORINE DIOXIDE
John Ogden Logan, Niagara Falls, N. Y., assignor to The Mathieson Alkali Works, Inc., New York, N. Y., a corporation of Virginia
Application June 14, 1937, Serial No. 148,008
1 Claim. (Cl. 23—152)

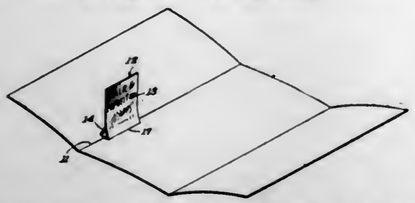
A process for producing chlorine dioxide free of chlorine which comprises circulating an aqueous solution containing a chlorite of the class

consisting of the chlorites of the alkali metals, the alkaline earth metals, and magnesium, in a cyclic manner between an enclosed reaction chamber and a separate stripping vessel, supplying a controlled quantity of chlorine to the reaction chamber, stripping the formed chlorine dioxide from



the solution flowing into the stripping tower from the reaction chamber by introducing an inert gas into the stripping tower, and correlating the speed of circulation of the aqueous solution and the rate of introduction of chlorine in such a manner that the introduced chlorine is completely dissolved in and reacted with the chlorite solution before said solution enters the stripping tower.

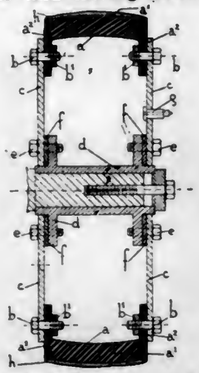
2,131,448
ADVERTISING INSERT
Bert Lowen, New York, N. Y., assignor to Gordonian Printing Co., Inc., New York, N. Y.
Application June 25, 1938, Serial No. 215,841
4 Claims. (Cl. 40—125)



2. In combination, a sheet having a crease therein, and an insert comprising a folded member having its fold disposed along said crease, said member having its front and rear portions united to each other at a point remote from the fold, said portions each being provided with a glue-coated area for union with the sheet adjacent the mentioned crease, and a score line adjacent each area whereby upon unfolding said sheet at its crease said insert will assume a position transverse to the plane of said sheet.

2,131,449
PNEUMATIC POLISHING WHEEL
Clotaire Mary, Paris, France
Application May 20, 1937, Serial No. 143,709
In France May 20, 1936
1 Claim. (Cl. 51—192)

A pneumatic polishing wheel, comprising an annular drum having a comparatively thick and elastic central portion consisting of gum and extending over the entire width of the wheel, and side portions situated at both sides of said central portion, said side portions consisting of rubber coated fabrics and being less thick and less elastic than said central portion, an annular abrasive band covering said central portion, two metallic side cheeks situated at a distance one from the other and having annular outer end



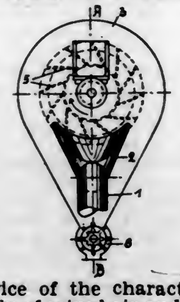
portions and inner end portions, the diameters of said outer end portions being substantially smaller than the diameter of said central portion, means connecting the side portions of said drum with the outer end portions of said side cheeks, a rotary shaft connected with the inner end portions of said side cheeks, and means carried by one of the side cheeks for supplying air under pressure into the space between said side cheeks and said drum.

2,131,450
CEREAL FOOD PROCESS
Eugene H. McKay, Battle Creek, Mich., assignor to Kellogg Company, Battle Creek, Mich., a corporation of Delaware
Application December 18, 1936, Serial No. 116,463
3 Claims. (Cl. 99—81)



1. A process for making a ready-to-eat cereal food product, comprising steaming wheat until it contains about 22% moisture, flattening the kernels of wheat, cooking the same, running the wheat kernels while moist and hot rapidly through a flaking mill to form the same into a thin sheet, drying the sheeted wheat until it is hard and brittle, breaking it into fragments, flavoring the fragments with sugar, toasting the fragments to puff them to greatly increased size, spraying the toasted fragments with a salt solution, and drying the fragments to evaporate the solvent.

2,131,451
DEVICE FOR SEPARATING A MIXTURE OF FINE AND COARSE MATERIAL PARTICLES
Adolf Müller, Niedersedlitz, near Dresden, Germany
Application April 16, 1936, Serial No. 74,674
In Germany April 26, 1935
2 Claims. (Cl. 209—144)



1. In a device of the character described, a source of supply of mixed air and fine and coarse particles, a rotatable separating wheel with transverse curved blades curving away from the axis of said wheel in a direction opposite to that of their rotation, and means adapted to direct said supply between said blades in a narrow zone near the perimeter of said wheel, said directing means being substantially a section of an annulus in cross-area, the geometric center of said annulus substantially coinciding with the axis of said wheel.

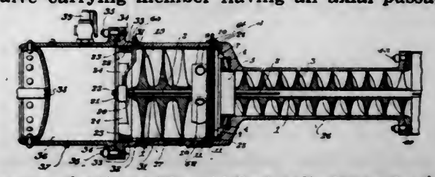
2,131,452
MOUNTAINSIDE CAR TRANSPORTATION SYSTEM
Frank Pardee, Jr., Hazleton, Pa., and Ellsworth Curtin, Webster Springs, W. Va., assignors to Anthracite Separator Company, Hazleton, Pa., a corporation of Pennsylvania
Application February 25, 1937, Serial No. 127,582
14 Claims. (Cl. 214—99)



2. Apparatus for transporting material down a slope comprising a succession of cars flexibly connected with one another in end to end relation in a continuous circuit, lower tracks over which the cars travel in descending and upper tracks over which the cars travel in inverted position in ascending, endless conveyor means delivering material at a substantially constant rate to said cars, car loading means interposed between said delivery means and the cars at a loading station and operating means synchronized with the movements of the cars for intermittently causing said loading means to release material successively to said cars.

2,131,453
ROTARY COMPRESSOR
Robert C. Patteson, Roanoke, Va., assignor of one-third to Morris L. Masinter, Roanoke, Va.
Application February 28, 1938, Serial No. 193,186
15 Claims. (Cl. 230—122)

1. A gaseous fluid compressor comprising an impeller shaft and power driving means therefor, a first cylinder coaxial therewith and having an opening at the inlet end, a spiral vane mounted on said shaft to rotate therewith within said cylinder, an abutment adjacent the outlet end of said cylinder, a second cylinder coaxial with said shaft in axial alinement with said first cylinder, a valve carrying member mounted on said shaft to rotate therewith between said cylinders, said valve carrying member having an axial passage



communicating with said first cylinder and symmetrically disposed outward branches opening into said second cylinder, valves disposed in said branches and means for normally holding them closed, said valves tending to open under the action of centrifugal force produced by the rotation of said shaft, and means cooperating with said abutment for preventing back flow of gaseous fluid from said second cylinder to said first cylinder.

2,131,454
BRACELET CORD CLASP
Eugen Prestinari, Summit, N. J., assignor to Gemex Company, Newark, N. J., a corporation of New Jersey
Application July 7, 1936, Serial No. 89,319
10 Claims. (Cl. 24—265)

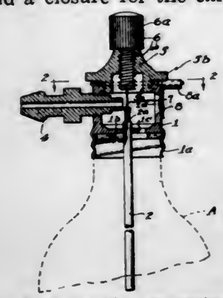


8. In a device of the nature described, in combination, a housing formed to receive the end of a pliable cord, a gripping member pivotally mounted in said housing including a portion movable therewith into a position within the walls of said housing to grip said cord, the walls and bottom of said housing being substantially coextensive, and an operating member pivotally secured to said housing and movable from a disengaged position into engagement with said gripping member to close down on and hold said gripping member portion in gripping engagement with said cord, said operating member having spaced portions which lie on opposite sides of and embrace said gripping member when both of said members are in gripping relationship.

2,131,455
ATOMIZER HEAD
Ernest O. Schutte, Chicago, Ill.
Application September 10, 1937, Serial No. 163,229
5 Claims. (Cl. 299—88)

1. In a spray head for atomizers the combination of a main body portion having a side exhaust aperture, said main body portion adapted to be placed on a fluid container, a fixedly mounted tube extending perpendicularly from the central part of said main body portion and into said fluid container, means for introducing a current of air into said main body portion and across the upper end of said fixedly mounted tube, a retractible needle extending perpendicularly downward in said main body portion in register with the end aperture of said tube and adapted

to extend substantially into said tube in extended position and a closure for the exhaust aperture



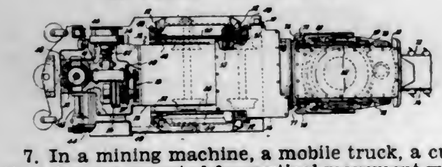
of said main body portion mounted on said main body portion.

2,131,456

KERF-CUTTING MACHINE

William W. Sloane, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois

Original application June 5, 1936, Serial No. 83,733. Divided and this application December 18, 1936, Serial No. 116,478. Renewed February 28, 1938
19 Claims. (Cl. 262—28)



7. In a mining machine, a mobile truck, a cutting element mounted for vertical movement with respect to said truck, said cutting element including a motor, and a projecting cutter chain carrying cutter bar disposed forwardly of said motor and mounted for movement about an axis extending longitudinally of the machine, about an axis perpendicular to said longitudinal axis and disposed forwardly of said truck, and towards and from said longitudinal axis, and means driven by said motor for selectively moving said cutting element vertically with respect to said truck and adjustably moving said cutter bar about said longitudinal axis, and also moving said cutter bar towards and from said longitudinal axis and about said perpendicular axis at a feeding speed comprising a transversely disposed shaft driven by said motor and disposed forwardly thereof, drive connections from one end of said shaft for selectively moving said cutting element towards and from said truck and turning said cutter bar about said longitudinal axis, and drive connections from the other end of said shaft for moving said cutter bar towards and from said longitudinal axis, and independently swinging said cutter bar about said perpendicular axis at a feeding speed.

2,131,457

BUST SUPPORTER

Jeanne Tachat, Paris, France, assignor to Société Anonyme Bernard & Cie, Paris, France

Application July 7, 1937, Serial No. 152,321
In France September 18, 1936
3 Claims. (Cl. 2—42)

1. In a garment, the combination of two breast-pockets connected together by a front bond and maintained upon the body by dorsal bands starting from the external edge of each pocket and attached at the back at the level of the breast, a border extending around each breast-pocket, said border being so shaped as to enclose the breast, a reinforcing element which is interrupted



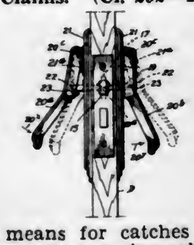
only on the external side, and a non-slipping lining covering the said border on the side bearing upon the skin.

2,131,458

CONTROL MEANS FOR SLIDING BOLT DOOR CATCHES

Richard Murray Turner, Kew, Australia

Application May 21, 1936, Serial No. 80,941
In Australia July 5, 1935
3 Claims. (Cl. 292—165)



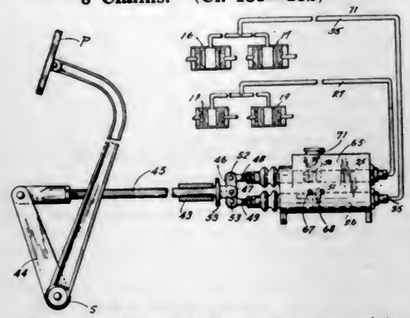
1. Control means for catches of the sliding bolt type comprising a reciprocable bar the medial part of which is helically twisted through an angle that does not exceed 180 degrees, a rollback mounted on the twisted part of said bar, two members arranged to be fixed to opposite faces of a door, two handles, means to pivotally connect one end of each handle to one of said members, and means to pivotally connect the ends of said bar to respective handles so that the free end of each handle may be actuated as a lever to move the said bar longitudinally to partially rotate the rollback.

2,131,459

BRAKE

Albert J. Weatherhead, Jr., Cleveland, Ohio, assignor to The Weatherhead Company, Cleveland, Ohio, a corporation of Ohio

Application February 1, 1935, Serial No. 4,468
8 Claims. (Cl. 188—152)



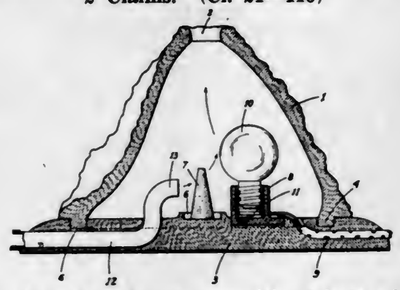
1. A fluid pressure brake system comprising in combination, front wheel brakes and rear wheel brakes, front wheel brake actuating cylinders and rear wheel brake actuating cylinders, said front wheel cylinders being larger than said rear wheel cylinders, a master cylinder for supplying actuating fluid to said rear wheel cylinders, another master cylinder for supplying actuating fluid to said front wheel cylinders, the diameters of said master cylinders bearing the same relationship to each other as the diameters of said rear and front wheel cylinders bear to each other, separate pistons in said master cylinders, a single actuating means for said pistons, linkage between said actuating means and said pistons, and means in said linkage for equalizing the fluid pressures developed by said pistons, said means for equalizing the fluid pressures comprising a bar pivoted intermediate its ends to a link actuated by said actuating means, and pivoted at its ends to the connecting rods for said pistons, the distances between said intermediate pivot and said connecting rod pivots being inversely proportional to the areas of the pistons actuated by the respective connecting rods.

2,131,460

INCENSE BURNER

Harry O. White, Jr., Sebastopol, Calif.

Application October 4, 1937, Serial No. 167,107
2 Claims. (Cl. 21—116)



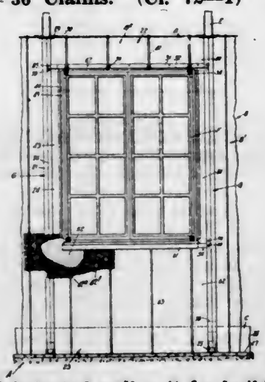
1. An incense burner comprising a base, a hood mounted on the base, said hood having a top opening therein, an incense receiving cup on the base, an electric bulb and socket unit mounted on the base to one side of the cup, a conduit extending from exteriorly of the hood to a point within the hood adjacent the cup and on the opposite side, the inner end of said conduit being arranged to feed air across the cup.

2,131,461

BUILDING

Austin T. Levy, Harrisville, R. I.

Application July 10, 1936, Serial No. 89,959
36 Claims. (Cl. 72—1)



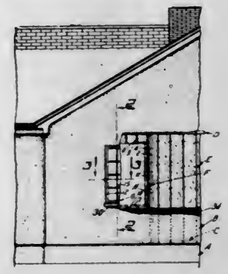
1. A prefabricated wall unit for buildings comprising spaced studs, a panel having an aperture therein and also opposite edges positioned by said studs, and a closure frame in said aperture and carried by said studs and also positioning said panel.

2,131,462

PREFABRICATED BUILDING

Joseph C. Estes, Woonsocket, R. I., assignor to Austin T. Levy, Harrisville, R. I.

Application October 29, 1937, Serial No. 171,789
24 Claims. (Cl. 72—1)



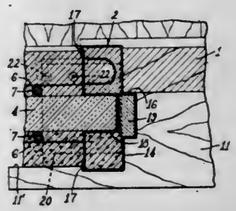
1. A prefabricated wall unit for buildings comprising a panel board portion having an aperture therein, a closure frame mounted in said aperture in spaced relation to a marginal edge thereof, and reenforcing means for said marginal edge of said board portion having anchoring material spacing rod means adjacent and extending along said marginal edge.

2,131,463

PREFABRICATED BUILDING

Joseph C. Estes, Woonsocket, R. I., assignor to Austin T. Levy, Harrisville, R. I.

Application October 4, 1937, Serial No. 171,790
16 Claims. (Cl. 72—98)



9. In a closure for prefabricated buildings, a jamb member having trim flanges adapted to extend beyond the adjacent wall surfaces and inwardly turned edges on said flanges, and reenforcing means shaped to received the edge of an adjacent wall member and fastened to the inturned edges of said flanges.

2,131,464

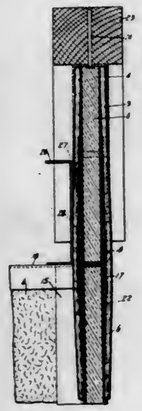
PREFABRICATED BUILDING

Joseph C. Estes, Woonsocket, R. I., assignor to Austin T. Levy, Harrisville, R. I.

Application November 4, 1937, Serial No. 172,834
19 Claims. (Cl. 72—1)

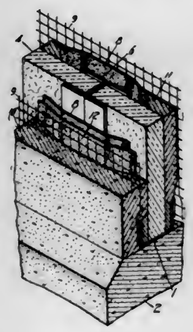
1. In a building, a wall frame including members defining upper and lower panel apertures,

wall panels in said apertures, and continuous



wall frame reinforcing means extending across the junction between said upper and lower panels.

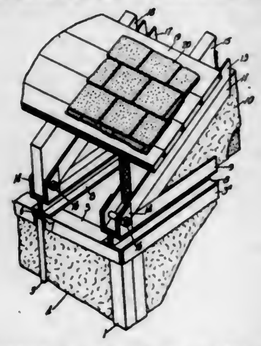
2,131,465
PREFABRICATED BUILDING
Austin T. Levy, Harrisville, R. I.
Application November 1, 1937, Serial No. 172,211
13 Claims. (Cl. 72—1)



1. In a building, a marginal metal wall frame presenting a panel aperture, a panel in said aperture, anchoring means for a cementitious coating over said frame and panel, insulating means for said frame, and protecting means for said insulating means between the latter and the cementitious coating.

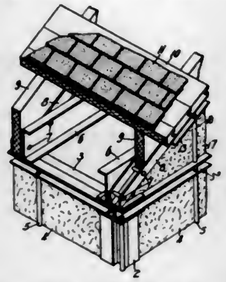
2,131,466
PREFABRICATED BUILDING
Austin T. Levy, Harrisville, R. I.
Original application October 22, 1935, Serial No. 46,156. Divided and this application March 4, 1937, Serial No. 129,091
16 Claims. (Cl. 72—1)

1. In a building, a wall having a plate structure including angularly related side and end plate members at the top thereof, spaced joists supported on said plate structure, spaced rafters connected to said joists including an end rafter disposed above the end plate member, and panel po-



sitioning means below said end rafter and above the said end plate member.

2,131,467
PREFABRICATED BUILDING
Austin T. Levy, Harrisville, R. I.
Original application December 14, 1935, Serial No. 54,429. Patent No. 2,104,870. Divided and this application November 9, 1937, Serial No. 173,625
10 Claims. (Cl. 108—1)

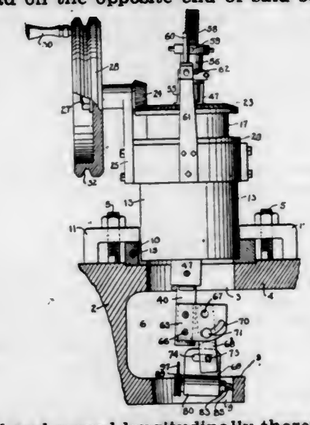


1. In a building, a wall having a plate structure including angularly related side and end plate members at the top thereof, spaced joists supported on said plate structure including an end joist, spaced rafters connected to said joists including an end rafter disposed outside the end joist and above the end plate member, and means forming panel positioning apertures outside said end joist and connected to said end rafter and end plate member.

2,131,468
TAPER BORING MACHINE
Raymond A. Ames, Beaumont, and Lawrence D. Barner and Clarence E. Nelson, Houston, Tex.
Application August 12, 1935, Serial No. 35,778
5 Claims. (Cl. 77—2)

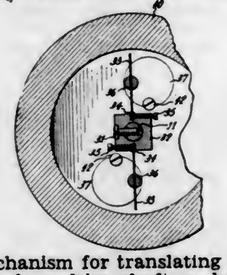
1. A boring machine for slush pump valve seats comprising, an adapter ring, means to attach said ring over the valve opening on the pump, a body portion carried by said ring, a sleeve rotatable in said body, means on the body to rotate said sleeve, a stem in said sleeve, said stem extending beyond the ends of said sleeve, means for adjustably positioning said stem at an inclination to the axis of said sleeve, means cooperating with one end of said stem to move the

stem longitudinally during rotation, and a cutter head on the opposite end of said stem to be



rotated and moved longitudinally thereby whereby a tapered seat may be bored.

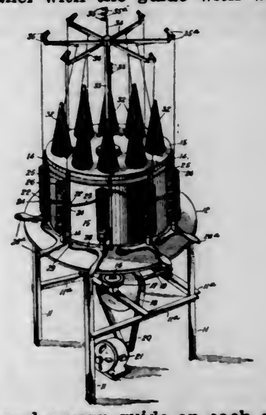
2,131,469
DRIVE MECHANISM FOR MOTION PICTURE PROJECTING MACHINES
Ewald Boecking, Brooklyn, N. Y., assignor to International Projector Corporation, New York, N. Y., a corporation of Delaware
Application October 8, 1934, Serial No. 747,323
2 Claims. (Cl. 271—2.3)



1. In mechanism for translating a film having a sound track, a drive shaft, a driven member, a plurality of leaf spring elements, means carried by said shaft for engaging the inner ends of said leaf spring elements, a plurality of circular elements seated in said driven member, means carried by said circular elements for engaging said leaf spring elements, and means to lock said circular elements in given positions.

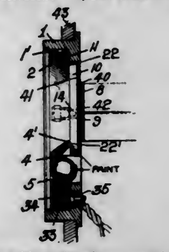
2,131,470
YARN WINDING MACHINE
Walter Henry Bowden, East Geelong, Australia
Application November 26, 1935, Serial No. 51,567
In Australia November 28, 1934
5 Claims. (Cl. 242—35.5)

1. In a winding machine, a drum, a vertical shaft supporting said drum, means to rotate said shaft, fixed framing above and below said drum, upright guides fixed at each end to said framing in spaced relationship around said drum, an undulating cam recess in said drum, a reciprocatable slipper on each guide, means on each slipper to engage the said cam, an axle for a winding spool associated with each upright guide, means to support each said axle so that the winding spool supported by it or a package on said spool may be arranged to frictionally contact with the said drum in such manner that the line of contact is parallel with the guide with which it is



associated, and a yarn guide on each slipper arranged to direct yarn to a spool or package adjacent to its point of contact with said drum.

2,131,471
ILLUMINATOR FOR INDICATOR DIALS
Leslie F. Carter, Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York
Application April 29, 1936, Serial No. 76,984
2 Claims. (Cl. 240—2.1)

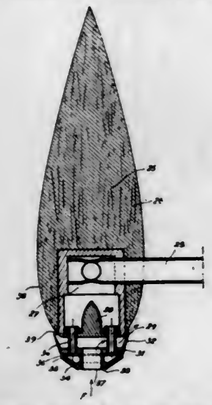


1. In an indicating instrument having an opening therein through which a main and a secondary indicator are visible, a transparent cover for said opening having the major portion of its periphery provided with an interiorly reflecting surface to scatter light over said main indicator but having short sections left clear, certain of said clear sections being indented and another straight, and a miniature electric light bulb projecting beside at least one of said indented clear sections, said second indicator being at one side of the main indicator and adjacent said straight clear section to illuminate the second indicator.

2,131,472
MOTOR
Henri Coanda, Clichy, France
Original application January 10, 1936, Serial No. 58,471. Divided and this application August 13, 1936, Serial No. 95,819. In France January 16, 1935
10 Claims. (Cl. 170—172)

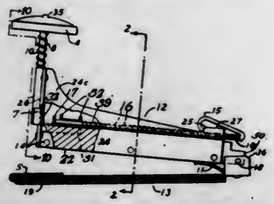
1. In a motor having a rotary shaft, at least two propellers rigidly carried by said shaft at a distance therefrom and on either side thereof, the feature of having each of these propellers include a streamlined body having its axis at

right angles to said shaft, said body being provided at its head with an inner chamber and an outlet for said chamber in the form of a narrow annular slot in the lateral wall at the head portion of the body, in a transverse plane thereof,



the rear outlet edge or lip of said slot being of convex rounded shape and tangent to the outlet direction of said slot, whereas the front lip directly makes an angle with said direction, and means for feeding a fluid under pressure to said chamber.

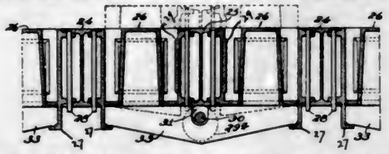
2,131,473
STAPLING MACHINE
William Drypolcher, Valley Stream, N. Y., assignor to Lou Obstfeld, Brooklyn, N. Y., and Abe Obstfeld, New York, N. Y.
Application September 19, 1934, Serial No. 744,654
18 Claims. (Cl. 1—3)



1. A stapling machine comprising a base, a magazine over the base, a core located in spaced relationship to the side and top surface of the magazine and pivoted to the base, means for feeding staples along the core toward the front of the machine, a staple driver at the front end of the machine to drive the foremost staple, and a clinching die in the base adapted to clinch over the legs of the staple, said core having a step at the rear end to act as a stop for the pivoting motion of the base when base is swung back approximately 180 degrees.

2,131,474
APPARATUS FOR MAKING CONCRETE ARTICLES
Albert Henderson, Pittsburgh, Pa., assignor to William P. Witherow, Pittsburgh, Pa.
Application February 8, 1936, Serial No. 62,965
5 Claims. (Cl. 25—121)

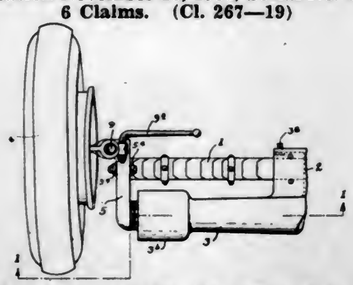
1. A mold comprising a pair of adjacent side walls and a bottom rigidly connected together, means mounting said walls and bottom for movement as a unit, two additional side walls rigidly connected together but free from the first-mentioned side walls and bottom, and means supporting said additional side walls independently of the other side walls.



2,131,475
PRESSURE EXERTING ELECTRODE
Franz R. Hensel and Earl I. Larsen, Indianapolis, Ind., assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
No Drawing. Application April 27, 1937, Serial No. 139,340
4 Claims. (Cl. 219—4)

1. A pressure exerting electrode having a hard wear resisting contact surface comprising an age hardened alloy composed of at least 99% copper, the remainder being substantially cobalt and beryllium, with the ratio of cobalt content to beryllium content being within the range 1:1 to 2:1, both cobalt and beryllium being present in at least useful amounts.

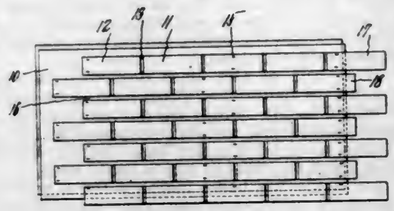
2,131,476
WHEEL SUSPENSION DEVICE FOR AUTOMOBILES
Stephen Jencick, Chagrin Falls, Ohio, assignor to Thompson Products, Inc., Cleveland, Ohio
Application November 15, 1934, Serial No. 753,238
6 Claims. (Cl. 267—19)



1. In an automobile, the combination of a chassis, an outwardly extending bracket affixed thereto, spring means offset from said bracket in a direction lengthwise of the automobile, and a lever arm upon one end of which a wheel is mounted and which at its other end is mounted upon the inside of said bracket for oscillatable up and down movement in a vertical plane and which has direct substantially universal connection with said spring means so as to co-ordinate their movements, said lever arm extending in a longitudinal plane and shock absorber means of the oscillatable type arranged directly between said arm and bracket.

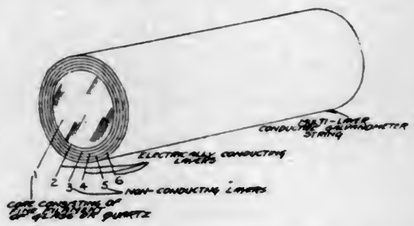
2,131,477
SIDING
Lester Kirschbraun, Leonia, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y., a corporation of Massachusetts
Application May 24, 1933, Serial No. 672,598
8 Claims. (Cl. 20—5)

1. A siding panel or the like, comprising a base of rigid fiber board, a plurality of elongated strips of asphaltic roofing secured to a face of said board parallel to the upper and lower edges of



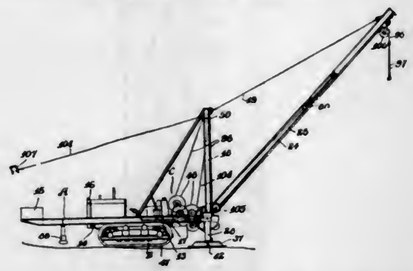
the board and in staggered relation, said strips being so arranged that end portions of alternate strips project beyond a side edge of said board.

2,131,478
GALVANOMETER FIBER OR STRING
Hubert Mann, New York, N. Y.
Application March 8, 1937, Serial No. 129,601
1 Claim. (Cl. 171—95)



A multi-layer conductive string, for use in a string galvanometer, consisting of alternate layers of conductive and non-conductive material, there being at least two conductive layers in the string.

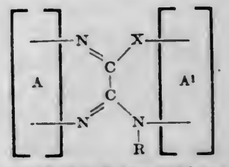
2,131,479
LOADING HOIST
John R. McGiffert and Ola L. Berby, Duluth, Minn., assignors to Clyde Iron Works, Duluth, Minn., a corporation of Minnesota
Application July 11, 1936, Serial No. 90,148
12 Claims. (Cl. 212—145)



1. A tractor supported hoist in combination with a tractor comprising a frame secured to said tractor, a pair of supporting legs secured to one end of said frame, aligned pivots connecting said legs to said frame and means connecting said legs to pivot in unison.

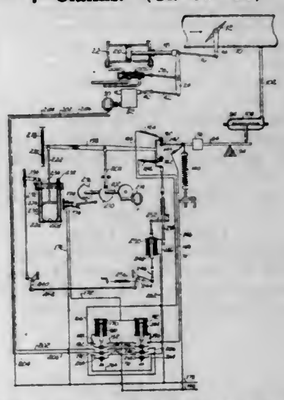
2,131,480
VAT DYESTUFFS OF THE ANTHRAQUINONE SERIES
Heinrich Neresheimer and Wilhelm Ruppel, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application October 17, 1936, Serial No. 106,197. In Germany October 24, 1935
14 Claims. (Cl. 260—262)

1. Vat dyestuffs corresponding to the general formula



wherein A and A¹ stand for anthraquinone radicles in which the two linkages shown are attached to adjacent alpha and beta positions, wherein R stands for a member of the group consisting of hydrogen and alkyl, and wherein X stands for a member of the group consisting of N—R, and sulphur.

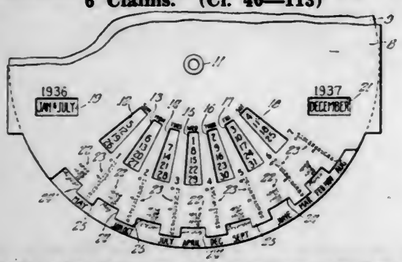
2,131,481
REGULATOR
George K. O'Connor, Evanston, Ill., assignor to Smoot Engineering Corporation, Chicago, Ill., a corporation of Delaware
Application October 7, 1935, Serial No. 43,887
7 Claims. (Cl. 50—10)



1. A regulator comprising a fluid-power actuator having an electric control device, balance means actuated by the condition to be controlled and provided with an electric contact, a power-oscillated floating lever having normally-oscillating spaced contacts on opposite sides of said first contact and which do not engage said first contact when the balance means is in its normal position and one or the other of which engages the first contact when the balance means shifts out of its normal position, circuits for oppositely actuating the electric control device and which are connected through said spaced contacts respectively, a fluid dashpot connected to the lever, means for holding the spaced contacts and shifting the dashpot connection to a new position without substantial resistance from the dashpot when either of said circuits is closed, and means operating when the circuit is thereafter opened to shift the dashpot connection gradually against

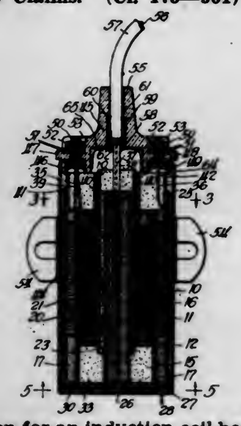
the resistance of the dashpot back to its initial position, while at the same time permitting the oscillation of the spaced contacts.

2,131,482
CALENDAR
Claude L. Post, Chicago, Ill.
Application March 25, 1936, Serial No. 70,830
6 Claims. (Cl. 40—113)



1. A calendar comprising a face member and a subjacent member operatively related and relatively movable with respect to each other, said face member having sight openings therein and bearing the days of the week on the front side thereof adjacent the respective openings and also bearing a plurality of columns of years on the front side of said face member adjacent an edge portion thereof, indicating means on said face member for designating certain of said columns, said subjacent member bearing the days of the month on the front side thereof adapted to register with the respective sight openings in said face member, said subjacent member having an exposed portion bearing the months of the year on the front side thereof and extending beyond said edge portion of the face member to expose said months adjacent the portion of said face member bearing said columns of years, the months of the year on said exposed portion of the subjacent member being adapted to be positioned in operative relationship with respective columns of years on the face member adjacent said edge thereof.

2,131,483
IGNITION COIL
Clarence Ringwald, Springfield, Ohio, assignor of one-half to John A. Dienner, Evanston, Ill.
Application June 30, 1933, Serial No. 678,377
16 Claims. (Cl. 175—361)



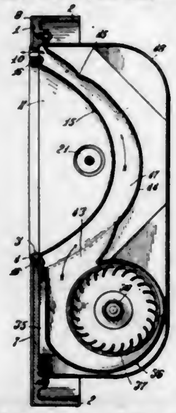
1. A coil top for an induction coil having a central passage provided with a counterbore, and a drawn metal cup-shaped shell of an internal diameter substantially equal to the diameter of said passage inserted into said counterbore and having its upper open edge spaced slightly beneath the shoulder formed between said counterbore and said passage to provide an annular groove in said passage between the upper peripheral edge of said shell and said shoulder.

2. In a coil of the class described, a drawn metal shell of cylindrical form having an integral base joined to the cylindrical portion thereof, and a planar insulating member disposed within said shell and spaced from the base thereof by point contact upon the filleted edge of said base.

7. An insulating baffle member for a coil having primary and secondary leads extending upwardly into an annular recess provided between an inner insulating tube and an outer metallic cylinder, comprising a fiber member having a central portion extending tangential to a portion of the periphery of said inner tube and having its ends reversely bent into tangential contact with the inner portion of said cylinder, said member segregating said leads in insulated position with respect to said cylinder.

16. In an ignition coil, a coil assembly therein comprising a substantially cylindrical secondary winding, a central insulating passage through said winding, a cylindrical tube enclosing said winding and extending outwardly at one end thereof, a primary winding about said tube including sheets of insulation wound therewith and extending the length of said tube whereby the insulation of the primary winding overlaps the end of the secondary winding and forms a cylindrical chamber thereabout, a casing for receiving said assembly, said tube cooperating with one end of said casing to close said cylindrical chamber so that the latter has communication with the other end of said casing only through said central passage, a coil top disposed over the open end of said casing, and spacing means disposed between said coil top and the ends of said windings opposite the extending portions of said tube.

2,131,484
HEATER
Clarence Ringwald, Springfield, Ohio
Application July 18, 1935, Serial No. 31,984
21 Claims. (Cl. 219—39)



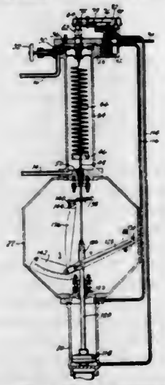
1. A heating device comprising, in combination, a source of radiant heat, a polished reflector therefor curved about said source to concentrate the rays thereof, means serving as a wall disposed in spaced relation around the back of said reflector, and means for directing a flow of cooling air between said reflector and wall means and in contact with the back of said reflector to prevent oxidation of the polished surface thereof, a portion of said wall means approaching the back of the reflector at certain points so as to serve as a restriction causing a uniform distribution of the air flow over the back of the reflector.

2,131,485
SOUND DEAFENING SUPPORTING MEANS FOR FLOORS
Louis C. Schwensen and Edwin Johnson, Brooklyn, N. Y.
Application November 30, 1936, Serial No. 113,304
2 Claims. (Cl. 72—70)



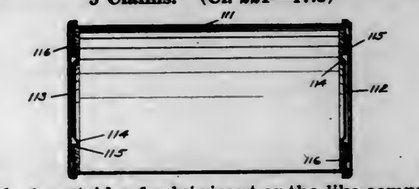
1. In a sound-deafening floor construction, in combination with spaced floor beams, of a plurality of hanger members, each hanger member comprising a rod having at each end an upwardly bent extension adapted to lie in abutment with the vertical wall of a beam, an upwardly bent extension being at its top bent horizontally and thence formed with a depending nail-like end, adapted to be driven into the top of the beam and adapted to act as a pivot for the swinging of the hanger member laterally so that the opposite upwardly bent extension will lie in abutment with the vertical side of the second beam, and means carried by the last named upwardly bent extension whereby the same may be secured to the beam which it abuts.

2,131,486
FLUID METER
Albert F. Spitzglass, Chicago, Ill., assignor to Republic Flow Meters Company, Chicago, Ill., a corporation of Illinois
Application August 20, 1936, Serial No. 96,931
5 Claims. (Cl. 73—205)



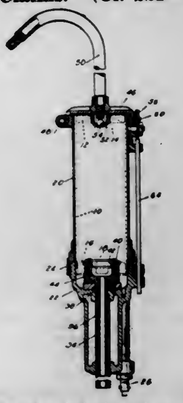
1. A meter or the like comprising a standard adapted to rest on the floor and having its upper portion formed as a cylinder having a vertically movable piston therein, an indicator mounted on the upper end of said cylinder and provided with a casing and with indicator mechanism in said casing connected to said piston to be actuated thereby, a pressure compartment mounted on the top of said casing substantially in alinement with said cylinder, a diaphragm dividing said compartment into upper and lower parts, means for yieldingly axially connecting said diaphragm to said piston, means for connecting said upper and lower parts to sources of differential pressures, means for introducing pressure fluid into the cylinder on opposite sides of said piston and which means is provided with a control valve, and means mounted on the upper part of said compartment and controlled by said diaphragm and which in turn controls said valve.

2,131,487
CARTRIDGE FOR LUBRICANTS OR THE LIKE
Harry R. Tear, Evanston, Ill., assignor to The Lubrication Corporation, Chicago, Ill., a corporation of Delaware
Application November 16, 1936, Serial No. 110,968
5 Claims. (Cl. 221—47.3)



1. A cartridge for lubricant or the like comprising a cylindrical body and ends permanently secured to said body, one of said ends adapted to be cut out adjacent its periphery, and an annular disc-like sealing member having an open center, one face of said disc lying in sealing engagement with said one end and the periphery of the disc being in sealing engagement with the body.

2,131,488
DISPENSER
Harry R. Tear, Evanston, Ill., assignor to The Lubrication Corporation, Chicago, Ill., a corporation of Delaware
Application July 17, 1937, Serial No. 154,119
17 Claims. (Cl. 221—47.3)



1. A dispenser for lubricant or the like comprising a head formed for sealing engagement with one end of a supply cartridge, a discharge member formed for sealing engagement with an outlet opening in the cartridge, means for admitting fluid under pressure into said head to force a piston in the cartridge therethrough, and a guide member slidably carried by said head and adapted

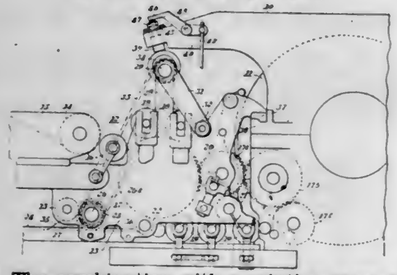
to engage said piston to prevent it from tilting as it moves through the cartridge, said guide member having means for sealingly engaging the piston whereby the pressure of said fluid will hold the guide member in engagement with the piston.

2,131,489

SAFETY PLATE-SHEARING DEVICE FOR INK ROLLERS

Burt F. Upham, Pittsburgh, Pa., assignor to Miller Printing Machinery Co., Pittsburgh, Pa., a corporation of Pennsylvania

Application April 21, 1937, Serial No. 138,217
10 Claims. (Cl. 101—357)



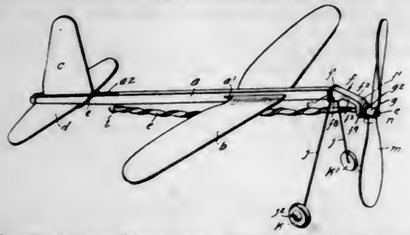
1. The combination with a printing press having a frame, of an assembly of inking rolls mounted thereon, means on said assembly engageable with an abutment on said frame to lock the assembly relative thereto, said abutment including frangible means adapted to yield on application of an up-thrust to said assembly, and means operated on breakage of said frangible means for stopping the press.

2,131,490

TOY AEROPLANE PROPELLER MOUNTING

Nevilles E. Walker, Portland, Oreg.

Application September 4, 1936, Serial No. 99,364
19 Claims. (Cl. 46—78)



1. In a toy aeroplane comprising a fuselage, wing and tail structures, a propeller blade rotatably mounted at the forward end of said fuselage and a resilient band motor for rotating said propeller, a mounting for said propeller comprising a nose piece secured to said fuselage having a seat formed in its forward end a slotted hub journalled therein, said propeller being of uniform thickness releasably engaging said hub at its middle.

2,131,491

STUB AXLE MINE CAR

Warren V. Johnson and Robert C. Kepner, Bloomsburg, Pa., assignors to American Car and Foundry Company, New York, N. Y., a corporation of New Jersey

Application March 10, 1936, Serial No. 68,000
8 Claims. (Cl. 105—364)

1. In a mine or similar car, girder side walls, sill members, combined wheel hood and support means connecting said sill members and girder side walls, a floor supported by said means and by said side walls and sill members, inner bearing brackets secured to said sill members, outer



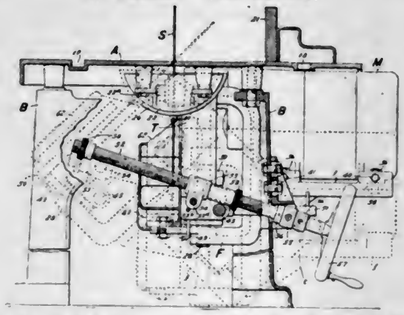
bearing brackets secured to said support means in spaced relation to said sills and side walls, said support means being substantially of closed box-section between said outer bracket and side wall.

2,131,492

TILTING ARBOR TABLE SAW

William Ferdinand Ocenasek, Plainfield, N. J., assignor to Walker-Turner Company, Inc., Plainfield, N. J., a corporation of New York

Application November 28, 1936, Serial No. 113,139
10 Claims. (Cl. 143—6)



1. An adjustable power saw combining a work table having an opening therein; a saw projecting through said opening; a driving assembly for said saw comprising a saw arbor and a motor geared thereto; a slidable frame member for mounting said assembly; a supporting member for said frame pivoted to said table, the axis of said pivot being substantially coincident with the line of cut of the saw; means for adjusting said motor assembly laterally relative to said frame member to align said saw with the slot in the table; and manually operable means for adjusting the angular relation between the plane of the saw and the plane of the work table.

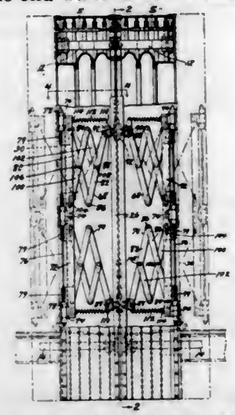
2,131,493

RAILWAY CAR CONSTRUCTION

John B. D. Thompson and Sigvald Udstad, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y., a corporation of New Jersey

Application April 12, 1935, Serial No. 15,930
20 Claims. (Cl. 105—15)

1. In combination with the adjacent end portions of adjacent car bodies, means closing the space between said end portions comprising a pair of contiguously arranged flexible and resilient diaphragms secured to the end portions and conforming to the contour of said car bodies whereby the diaphragms are normally held substantially alined with the side walls and roofs of said bodies, cooperating face plates secured to the contiguous portions of said diaphragms, automatically adjustable supporting elements secured to the car bodies adjacent the roofs thereof and connected with the upper portions of the face plates to support the resilient diaphragms, upper and lower pairs of pantograph gates secured to the end walls of each of said car bodies,



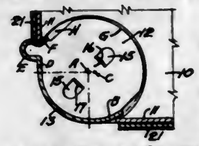
and supporting arms extending from said gates to the side portions of the face plates for supporting said diaphragms.

2,131,494

DISPENSING BOX

Harry L. Wilson, Memphis, Tenn.

Application August 23, 1937, Serial No. 160,394
4 Claims. (Cl. 206—42)



1. A dispensing container as for cylindrical objects, said container having a top, a bottom and side and end walls; a said side wall, and a said end wall intersecting said side wall, being cut away at their intersection, the end portions of said walls being spaced apart to form a discharge opening; a closure shutter for said opening, said shutter including a base and an integral wall extending upward therefrom to substantially the height of said container wall, and means for pivotally attaching said shutter base to said container bottom; said shutter wall including a quadrant concentric with said pivot means, an arcuate extension from one end of said quadrant, of increasing distance from said center, adapted to extend within and contact a said wall end portion; and a longitudinal extension from the other end of said quadrant, said latter extension terminating in an outwardly extending lug adapted to contact the end of the other said wall end portion.

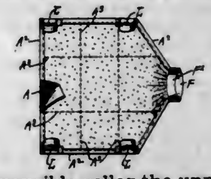
2,131,495

LAMB-COAT

Charles M. Allen, Miles City, Mont.

Application December 18, 1936, Serial No. 116,546
1 Claim. (Cl. 54—79)

A lamb-coat comprising an outer water-proof covering and an inner lining of heat retaining material, said coat comprising further a substantially quadrangular blanket arranged to lie on and cover the back and sides of an animal, an adjustable neck band integral of the front central part of the blanket, an elastic leg engaging loop at each corner of the blanket, the parallel opposite edges of the blanket of a length corresponding to the distance between the front and hind legs of a lamb, the blanket extended thence forwardly in tapered form to the neck band, said band com-



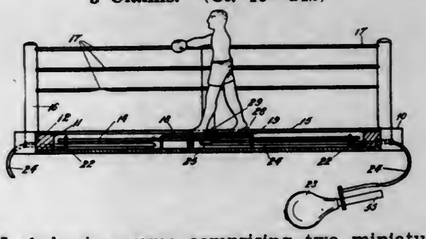
prising an expansible collar the upper part thereof non-elastic and comprising the reenforced transverse front end part of the blanket, the remainder of the band being of elastic material.

2,131,496

TOY OR GAME APPARATUS

Charles Warrington Auger, Sefton Park, Liverpool, England

Application November 8, 1937, Serial No. 173,509
5 Claims. (Cl. 46—142)



5. A boxing game comprising two miniature pugilists each having a hollow inflatable leg of flexible material, and hollow arms of greater flexibility than the leg, the arms being arranged for inflation and deflation to simulate animation therein, a conduit connecting the hollow leg to the hollow arms and a supporting block (e. g. of cork) fitting in the foot of the hollow leg and having an air inlet passage, two supporting platforms one for each figure and each having an air outlet in register with said air inlet passage, a miniature boxing ring having guide rails supporting said platforms for movement across the ring, air forcing devices one for each figure and each having a delivery port and an exhaust port, conduits connecting the delivery port of each air forcing device to the outlet port of its associated figure-supporting platform, a non-return valve controlling the exhaust port of each air forcing device, spring means acting to close said valves against the air pressure in the air forcing devices and tension adjusting means for adjusting the tension of said spring means whereby the volume of air lost through the exhaust ports when the pressure in the air forcing means is increased to inflate the hollow limbs of the figures, can be regulated, the ability of the air forcing devices to inflate said limbs diminishing as air is lost through the exhaust port.

2,131,497

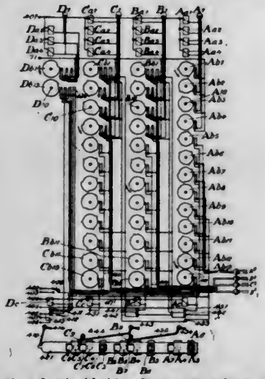
APPARATUS FOR COLLABORATING STATISTICAL DATA

Charles Borel, Geneva, Switzerland

Application December 3, 1928, Serial No. 323,544
In Switzerland December 5, 1927
7 Claims. (Cl. 235—61.6)

1. As part of statistical apparatus, including receiving apparatus, a plurality of differentially positionable accumulator elements, corresponding to successive denominational orders, a plurality of pairs of contacts for each of the said accumulator elements, a plurality of cams for each

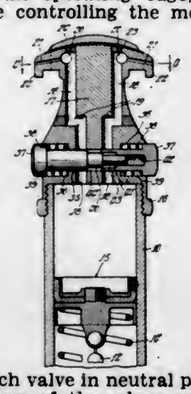
of the said accumulator elements movable by the corresponding accumulator element and adapted to close certain of said pairs of contacts, singly or in combination, in accordance with either the value standing on and indicated by the position of the said accumulator element or a selected one of its complements, and transmission circuits connected to said contacts for transmitting the value standing on said accumulator elements to selected receiving apparatus, a relay for each accumulator element controlled by the positioning into and out of zero position of a selected one of said plurality of cams, the transmission circuits of higher orders extending through and controlled by a relay associated with an accumulator element of a lower order to select pairs of contacts of the higher order accumulator element, dependent upon which of said complements is to be transmitted, the selection of a particular relay-controlled-transmission circuit being dependent upon the energization or de-energization of said relay.



4. As part of statistical apparatus, a denominational order comprising a translating element for receiving data and an accumulator element controlled thereby, means forming part of said translating element for setting up in said accumulator element data received by said translating element, a pair of contacts and a cooperating cam associated with the accumulator element of said denominational order, said cam being positioned by said accumulator element and being adapted to close said pair of contacts if there is a value standing on the accumulator element of the respective denominational order, a relay associated with said accumulator element, a first circuit controlled by said contacts for energizing said relay, a second means for closing and opening said first circuit cyclically for causing the latter to transmit one impulse per cycle until the respective accumulator element reaches its zero position, and a second circuit connected to the translating element and including contacts closed by energization of said relay, means for closing and opening said second circuit cyclically, each said impulse causing the translating element to enter a unit in the accumulator element, said entering of a unit being repeated upon each energization of said relay.

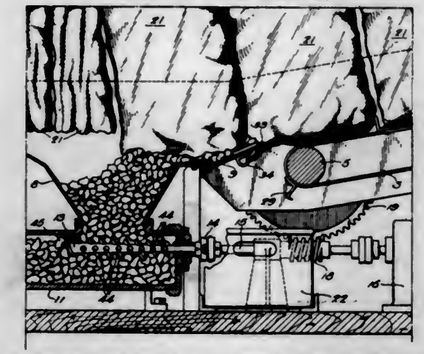
2,131,498
SAFETY RAZOR
William W. Chandler, Hammond, Ind., assignor of one-half to John M. Stinson, Hammond, Ind.
Application December 24, 1935, Serial No. 56,059
8 Claims. (Cl. 30—41)

1. In a safety razor, the combination with a blade holder having a plurality of operating edges, of a reservoir for softening material, means for automatically forcing said material from the reservoir to an operating edge, and a spring pressed valve controlling the movement of the



material, which valve in neutral position prevents its flow at any of the edges and which when moved in one direction therefrom permits its flow to one edge only, and in another direction to another edge only.

2,131,499
FUEL-FEEDING DEVICE
Henry R. Cruse, Abington, Pa.
Application June 15, 1935, Serial No. 26,842
5 Claims. (Cl. 214—1)

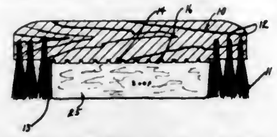


1. In fuel-feeding apparatus, the combination with a bulk container for said fuel, of means for conducting the fuel in packaged units to said container, said packages comprising frangible envelopes, a fixed cutter element positioned in the path of said packages for engagement with the bottom portions of said envelopes, said conducting means comprising a conveyer, means for actuating the conveyer to urge the packages against said cutter, and a shearing element on said conveyer cooperating with said fixed cutter for severing the bottom of the envelope to thereby permit passage of fuel to the hopper.

2,131,500
BRUSH
Frederick W. Curtis, Jr., Minneapolis, Minn.
Application March 12, 1937, Serial No. 130,540
3 Claims. (Cl. 15—122)

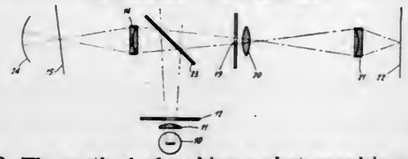
2. In a device of the character described, a handle portion, bristles secured in and projecting outwardly from a surface of said handle portion

in a band forming an aperture for reception of a preformed cake of soap, spaced rigid soap anchoring projections on the surface of the handle portion exposed in said aperture and extending



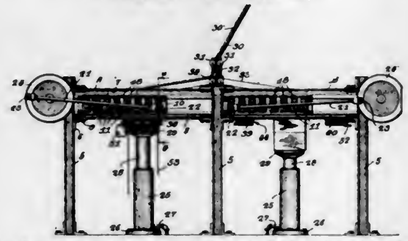
in substantially parallel relation to the surrounding bristles, said rigid projections being adapted to have a preformed cake of soap impaled thereon to secure the soap in related assembly to the handle and bristles.

2,131,501
SOUND RECORD PRINTING
Glenn L. Dimmick, Haddonfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application January 19, 1935, Serial No. 2,459
4 Claims. (Cl. 88—24)



2. The method of making a photographic print which includes passing light through a negative image, forming a real image of said negative image in coincidence therewith, and exposing a photographic emulsion to the light from said real image transmitted by said negative.

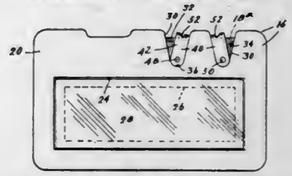
2,131,502
COMPRESS
Albert E. Elliot, Atlanta, Ga., assignor, by mesne assignments, to Chase Model Bale Gin Compress Co.
Application July 10, 1933, Serial No. 679,766
Renewed January 26, 1938
7 Claims. (Cl. 100—1)



1. A compress comprising a bale shaping box, means for feeding a bat of cotton to said box, means for compressing the cotton in said box, and means for taking a sample of the cotton as it passes through said box, consisting of prongs attached to the outside of said box having their pointed ends extending through openings in the side of said box.

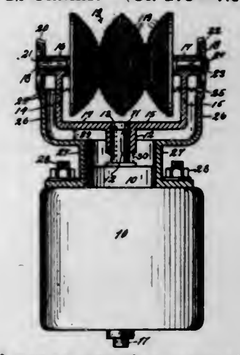
3. A cotton compress comprising a bale shaping box composed of separable sections, each section being mounted on the frame of the compress for independent straight line movement thereof in a horizontal plane, means for feeding a bat of cotton to said box, and means for compressing the cotton in said box.

2,131,503
STENCIL
Harmon P. Elliott, Watertown, Mass.
Application October 10, 1936, Serial No. 104,992
5 Claims. (Cl. 101—127)



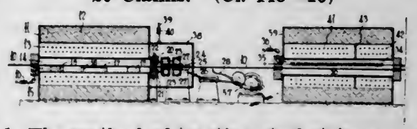
1. A stencil having a frame comprised of an intermediate thin welt sheet combined between facing sheets, the facing sheets having superposed tab-receiving notches therein inwardly extended from the edge of the frame which expose the welt sheet on both sides between them.

2,131,504
SOLID WEAVE SCANNING APPARATUS
Delamere B. Gardner, Los Angeles, Calif.
Application December 6, 1935, Serial No. 54,700
12 Claims. (Cl. 178—7.6)



1. A solid weave scanning apparatus including a helical composite mirrored screen, and means for continuously rotating said screen in two directions perpendicular to each other whereby modulated light is received upon said screen in continuous progressively interwoven curved lines.

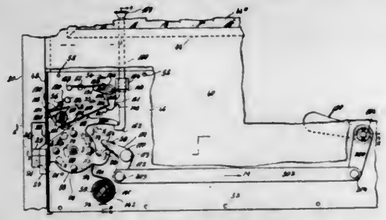
2,131,505
TREATING STEEL
Henry M. Garsson, Far Rockaway, N. Y.
Application August 16, 1938, Serial No. 225,121
20 Claims. (Cl. 148—16)



1. The method of treating steel strip comprising placing in a chamber platinum to act as a catalyst, heating the chamber to above the lower critical temperature of the strip, keeping the chamber filled with a reducing gas, feeding the strip through the chamber to cause its molecules to be rearranged and included oxygen to be removed, moving the strip from the chamber by a step by step movement and between cooling blocks which separate during the movement of the strip and come together to substantially engage the strip while it is stationary, passing the

strip between additional immovable cooling blocks, feeding to the cooling blocks a cooling medium at about 40° C. to 60° C. temperature, from the cooling blocks passing the strip to a tempering furnace, maintaining the furnace at about 400° C., maintaining heated platinum in the tempering furnace as a catalyst, keeping the tempering furnace filled with a reducing gas, and removing the strip from the tempering furnace and slowly cooling it to atmospheric temperature.

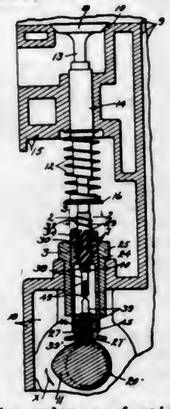
2,131,506
LOCK
Herman M. Gasstrom, Mount Vernon, N. Y.
Application November 2, 1937, Serial No. 172,359
3 Claims. (Cl. 292—242)



1. In combination, a lock, a housing for the lock, a disc shaped lock bolt pivoted in said housing, said bolt having a locking nose integral therewith and also having an operating nose and an adjusting nose integral therewith, an operating lever, having a latch at its free end in said lock adapted to bear on said operating nose, an operating handle for the lock coacting with said lever to force the latter to swing the bolt to its open position, a latch bell crank pivoted to and in said lock, one of the arms of the bell crank having a latch heel adapted to coact with the latch of said lever and having a latch cavity, a spring having one end connected to said lock and its free end bearing on one of the arms of the said bell crank and an adjusting handle extending into the lock, said handle having a locking lug adapted to lock with the latch cavity of said bell crank and having a heel at its lower end adapted to coact with the adjusting nose of said bolt.

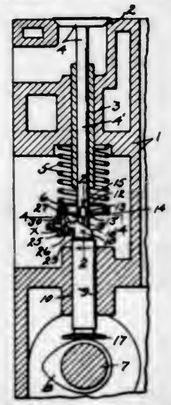
2,131,507
VALVE OPERATING MECHANISM
William M. Goodwin, Central Square, N. Y.
Application March 23, 1935, Serial No. 12,641
9 Claims. (Cl. 123—90)

1. A valve operating mechanism comprising a plurality of valve operating members having movement relative to each other to increase or decrease the over-all length thereof, a continuously operating cam for intermittently reciprocating said members to open and close the valve, means for locking said members against said relative movement throughout the reciprocating movement thereof including two holding elements operatively connected to transmit motion from one to the other, means for maintaining operative connection between each holding element and a respective valve operating member effective upon a decrease in the overall length of the valve operating members to positively produce movement of the holding elements relative to said members toward the cam to bring one of said elements into operative engagement with said cam, a second cam cooperating with said one of the holding elements during the inoperative portion of the cycle of movement of said first mentioned cam for releasing said locking means, and means rendered



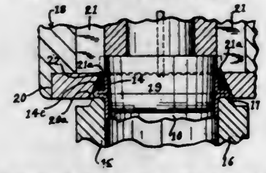
operative by the release of said locking means for adjusting said valve operating members relative to each other.

2,131,508
VALVE OPERATING MECHANISM
William M. Goodwin, Central Square, N. Y.
Application October 6, 1936, Serial No. 104,247
9 Claims. (Cl. 123—90)



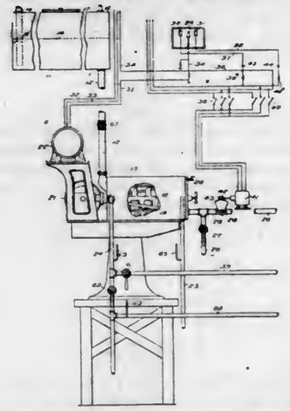
1. In a mechanical clearance take-up mechanism, in combination, a pair of reciprocating members, operating means for intermittently causing said members to alternately operate each other, means for taking up clearance between the reciprocating members comprising a take-up element interposed therebetween and having a cam surface engaging at least one of said members, mechanical means operatively connected with the take-up element and including a resilient supporting means associated with the operating means mounted on one of the reciprocating members for movement relative thereto toward and from the other member and co-acting with the operating means during said intermittent movement for producing movement of said element to introduce clearance between the members, and separate means rendered effective at the end of the intermittent movement of the reciprocating members and coacting with said supporting means for moving the element to take up clearance between said members.

2,131,509
COUPLING CONNECTION FOR PIPE JOINTS AND METHOD OF MAKING SAME
Arthur H. Goepel and Patrick F. Donahue, Waterbury, Conn.
Application April 22, 1937, Serial No. 138,347
6 Claims. (Cl. 29—157)



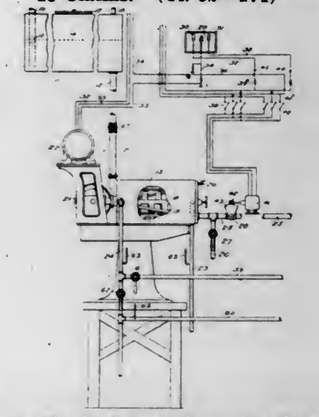
1. The herein described method of fabricating a sealing element at the end of a pipe connection having a slightly flared terminal section and a circumferential flange removed from the end of said pipe, which comprises initially forming a soft metallic washer with an inside diameter sufficiently large to clear the maximum diameter of said flared section, assembling said washer over said flared section to seat upon said flange, swaging said washer inwardly to reform its peripheral surface to a desired contour and drift the metal of the washer solidly underneath said flared portion, and forming lugs out of the upper edge of said pipe into an embedded state with the adjacent edge of said washer simultaneously with the swaging operation.

2,131,510
APPARATUS FOR THE CONTINUOUS MANUFACTURE OF FROZEN FOOD PRODUCTS
Chester Earl Gray and Grover D. Turnbow, Oakland, Calif.
Application June 27, 1928, Serial No. 288,787
10 Claims. (Cl. 62—114)



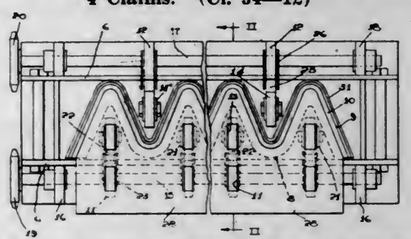
1. In an apparatus for manufacturing frozen food products having a gaseous content, the combination of a pair of receptacles, means for continuously partially freezing in one of said receptacles an uninterrupted supply of the constituents of said product other than the gas in the presence of a volume of such gas less than that desired in the finished product, means for continuously incorporating the desired volume of gas in the product in the other receptacle after said other constituents are partially frozen and means for delivering the partially frozen materials from the first receptacle to said other receptacle.

2,131,511
CONTINUOUS METHOD OF MANUFACTURING FROZEN FOOD PRODUCTS
Chester Earl Gray and Grover D. Turnbow, Oakland, Calif.
Application June 27, 1928, Serial No. 288,788
13 Claims. (Cl. 62—174)



1. The method of manufacturing frozen food products having a gas, such as air, incorporated therein which consists in partially freezing all the constituents other than the gas in the absence of said gas to a regulated density and subsequently incorporating the gaseous content in said partially frozen mass.

2,131,512
APPARATUS FOR DRYING PLATES
William B. Gwinn, Crystal City, Mo., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa., a corporation of Pennsylvania
Application June 12, 1937, Serial No. 147,891
4 Claims. (Cl. 34—12)

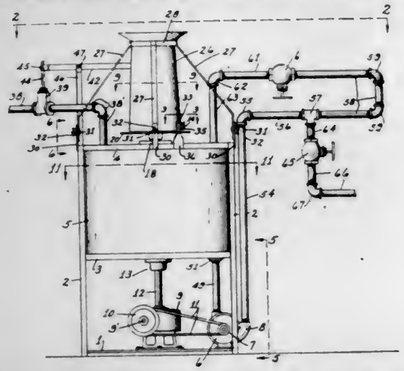


1. In apparatus for drying plates, a horizontal roll carrier for the plates, a suction slot extending transversely of the carrier below the plane of the upper edges of the carrier rolls, a horizontal control plate on the front side of the slot also below the plane of the upper edges of the rolls through which the rolls extend, a second horizontal control plate on the rear side of the slot through which the rolls extend having its upper surface above the upper surface of the first control plate, and means for exhausting air from the slot.

2,131,513
MIXER
Thornton P. Heller, Brownstown, Ind.
Application May 6, 1937, Serial No. 141,128
1 Claim. (Cl. 259—8)

In a mixing machine of the class described, the combination of a dry ingredient container mounted above a water container, agitators re-

volvably positioned in each of the containers, a revolvable shaft extending upwardly through the water container and into the dry ingredient container, a disc rigidly secured on said revolvable shaft and positioned above the water container and below the dry ingredient container, a rela-



tively stationary scraper member resting on the disc and directing dry ingredients from the revolving disc into the water container, and with means providing longitudinal movement to the scraper member and providing a varying proximity of the scraper with relation to the dry ingredient container.

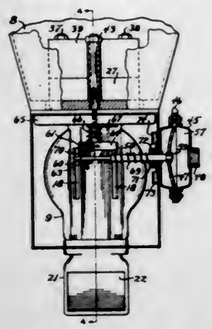
2,131,514

SANDER AND CONTROL THEREFOR

Lynn E. Johnson and Charles P. Cady, Canastota, N. Y., assignors to Westlake Manufacturing Corporation, Canastota, N. Y., a corporation of New York

Application June 16, 1937, Serial No. 148,568

12 Claims. (Cl. 291—24)



8. The combination with a motor vehicle having an internal combustion engine mounted thereon, and including an intake manifold in which a vacuum is created responsive to operation of the engine, of a sanding appliance mounted on said vehicle for spreading sand in the path of said vehicle, said sanding appliance including a sand receptacle, a distributing member disposed below said receptacle and including a body having a sand passage extending therethrough and through which the sand is adapted to flow by gravity, valve means disposed within the receptacle for controlling the flow of sand through said sand passage, and a vacuum responsive element mounted exteriorly of the receptacle and distributing member so as to be out of the path of sand flow and being operable in response to the vacuum created in the intake manifold of the vehicle engine for actuating said valve means.

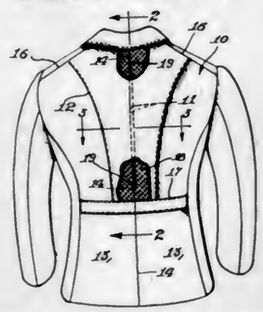
2,131,515

COAT OR THE LIKE

Alexander Jonas, Philadelphia, Pa., assignor to Joseph Hirsch, Philadelphia, Pa.

Application November 13, 1937, Serial No. 174,435

2 Claims. (Cl. 2—93)



1. A shoulder-seamed upper garment provided with a neck band, front panels, and a back comprising the usual pair of panels, said panels having meeting edges and being connected by central seaming, said seaming extending from the neck band downwardly for a short distance and from a point adjacent to and slightly above the waist line to the lower end of the garment back thereby providing a central vertical split extending above and below the arm line, and throughout which the vertical edges of the back panels are normally in substantial contact with one another, a panel of greater length and width than the opening having its upper end connected to the neck band and in the shoulder seaming of the garment and its lower end extending to the waist line and secured to the garment back.

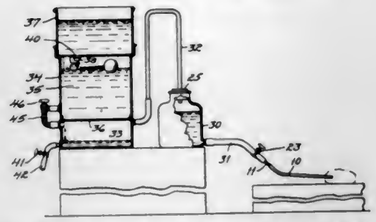
2,131,516

PHARMACEUTICAL APPARATUS

Herman Leffert and Edward E. Woldman, Cleveland, Ohio, assignors, by mesne assignments, to Alba Pharmaceutical Company, Inc., New York, N. Y., a corporation of New York

Application January 31, 1936, Serial No. 61,783

10 Claims. (Cl. 128—225)



7. An apparatus for dispensing material, comprising a container for material, a discharge conduit leading therefrom, means for maintaining a partial vacuum in the space above the material in the container, so as normally to prevent the flow of material therefrom, a second container in communication with the space in the first container and means for modifying the volume of air under said vacuum by admitting a liquid into the second container, drop by drop, whereby the discharge of material from the first container is substantially identical to the flow of liquid into the second container.

2,131,517

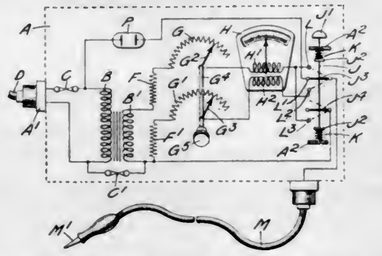
EARTHING ARRANGEMENT FOR ELECTRIC APPARATUS

Henry Leyburn, Newcastle-upon-Tyne, and Clemett Harrison Wragge Lackey, Chester-Le-Street, England, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England, a company of Great Britain

Application May 4, 1936, Serial No. 77,888

In Great Britain May 15, 1935

17 Claims. (Cl. 175—183)



1. In electric apparatus energized from a supply system with an earthed neutral conductor, and having its frame or other metal-clad portion provided with a direct earth connection, the combination of a source of E. M. F., a measuring instrument having its operating circuit connected in series with the source of E. M. F., means for connecting this series circuit between the frame of the apparatus and the neutral conductor of the supply system and means for varying an electrical characteristic, such as the resistance, of the said series circuit in accordance with the potential of the neutral conductor with respect to earth.

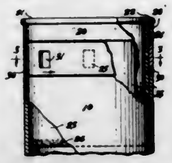
2,131,518

DISPENSING CONTAINER

Herman H. Lurssen, Baltimore, Md., assignor of one-half to Milton M. Caplan, Baltimore, Md.

Application February 19, 1938, Serial No. 191,527

6 Claims. (Cl. 221—64)



1. In a dispensing container, a container body having an end closure sealing one end, a dispensing end construction closing the opposite end thereof, said end construction comprising a body section including an end closure and an inner wall member having a dispensing opening provided therein, a sleeve closure fitted onto said inner wall member, said inner wall member being received within said container body and rigidly secured thereto in the completed form of the container, said sleeve closure having an opening and being retained on said inner wall member by the adjacent end of the container body, whereby said sleeve closure is adjustable on said inner wall member to completely cover the dispensing opening or to suitably align the same with the opening therein for dispensing purposes.

2,131,519

METHOD OF REFINING CRACKED OIL BY USING METALLIC SOAPS OF NAPHTHENIC ACID

Masakichi Mizuta, Marunouchi, Kojimachi-ku, Tokyo, and Teiji Yoshimura, Okubo, Kashiwazaki-machi, Kariha-gun, Niigata-ken, Japan, assignors to Nippon Sekiyu Kabushiki Kaisha, Tokyo, Japan, a corporation of Japan

No Drawing. Original application August 11, 1934, Serial No. 739,500. Divided and this application April 13, 1937, Serial No. 136,687

1 Claim. (Cl. 196—30)

The method of refining cracked oil, which consists in dissolving oil-soluble heavy metallic soap of naphthenic acid in a volatile organic solvent which will disperse homogeneously in cracked oil; pouring the solution thus obtained slowly into cracked oil while in a cold state to cause same to disperse naturally and homogeneously without heating or stirring in the cracked oil whereby same will react with the intermingling mercaptans and precipitate same by double decomposition as insoluble metallic salts; separating the precipitate; and distilling the remaining liquor to separate it from the organic solvent.

2,131,520

ALUMINUM ALLOY

Joseph A. Nock, Jr., Tarentum, Pa., assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania

No Drawing. Application September 16, 1936, Serial No. 101,132

7 Claims. (Cl. 148—32)

5. A heat treated and artificially aged aluminum base alloy containing from 2 to 12 per cent copper, 0.1 to 2 per cent silicon, 0.005 to 0.1 per cent tin, 0.005 to 0.03 per cent magnesium, 0.01 to 0.15 per cent cadmium and 0.1 to 3 per cent zinc, said alloy being characterized by the fact that its resistance to stress corrosion is considerably improved over that of an aluminum base alloy containing the same amount of copper, tin, magnesium, and cadmium but without zinc.

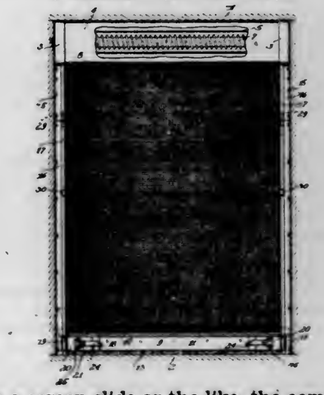
2,131,521

SLIDING WINDOW FIXTURE

Alvin F. Nye, Rochester, N. Y., assignor to Fli-Bac Products Corporation, Rochester, N. Y., a corporation of New York

Application March 19, 1935, Serial No. 11,827

8 Claims. (Cl. 156—39)



8. In a screen slide or the like, the combination with a pair of lateral guides adapted to be at-

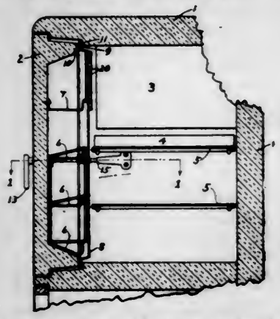
tached to the sides of a window casing and embodying flanges having offset beads thereon, of a transverse rail extending between the guides having portions engaging one side of the flanges, clamps having grooved portions slidably engaging the beads on the other side of each flange, and means on the rail exerting spring pressure against the clamps and holding them frictionally to the beads.

2,131,522

REFRIGERATOR

Charles W. Peterson, Cincinnati, Ohio, assignor, by mesne assignments, to The Crosley Radio Corporation, Cincinnati, Ohio, a corporation of Ohio

Application August 12, 1937, Serial No. 158,647
2 Claims. (Cl. 62—89)



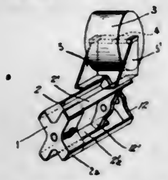
1. A refrigerator including an outer door formed to provide a compartment and having shelves therein, an inner door movably mounted with respect to the other door to seal or expose said compartment, said inner door having means thereon arranged to modify heat transfer therethrough in the vicinity of certain of the shelves.

2,131,523

IGNITION MAGNETO

Umberto Quintavalle, Milan, Italy, assignor to Fabrica Italiana Magneti Marelli Soc. An., Milan, Italy, a corporation of Italy

Application September 1, 1936, Serial No. 98,984
In Italy September 20, 1935
5 Claims. (Cl. 171—209)



1. In an ignition magneto having a rotor with pole faces and a stator including pole faces located around the path of said rotor pole faces in positions to be confronted in pairs by pairs of pole faces of said rotor; pole bar members extending along and located around the axis of rotation of said rotor and providing said stator pole faces, bridges transverse to said axis and each interconnecting in a set said pole bar members whose pole faces are confronted simultaneously by pole faces of said rotor having one polarity, a core outside of the space enclosed by said pole bar members, means connecting each one of said pole bar member sets with one end of said core, and a winding on said core.

2,131,524

PROCESS FOR THE PRODUCTION OF ANHYDROUS MAGNESIUM CARBONATE

Rudolf Schulze, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation, a corporation of Delaware

No Drawing. Application April 24, 1935, Serial No. 18,013. In Germany May 19, 1934
6 Claims. (Cl. 23—67)

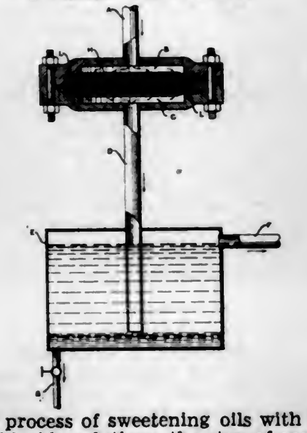
1. A process for the production of anhydrous neutral magnesium carbonate from a substance selected from the group consisting of dolomite and limestone which comprises, reacting the substance selected with magnesium chloride liquor in a pressure vessel in the presence of carbon dioxide at a temperature of at least about 150° C. and at a pressure sufficient to maintain said liquor at such temperature.

2,131,525

SEPARATING TREATING SOLUTIONS FROM PETROLEUM OILS

Walter A. Schulze, Bartlesville, Okla., assignor to Phillips Petroleum Company, Bartlesville, Okla., a corporation of Delaware

Application April 25, 1935, Serial No. 18,224
1 Claim. (Cl. 196—30)



In the process of sweetening oils with aqueous copper chloride solutions, the step of rapidly removing suspended droplets of solution from the treated oil, comprising passing said oil through a hair felt filter, whereby the suspended droplets are coalesced, and separating the coalesced droplets from the filtered oil.

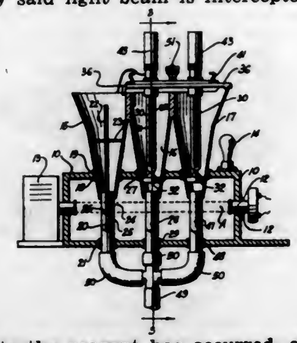
2,131,526

LIQUID TESTING DEVICE

James H. Shively, Houston, Tex.

Application May 24, 1937, Serial No. 144,385
10 Claims. (Cl. 23—253)

1. A liquid testing device including, a casing, a light beam directed across the interior of the casing, a receptacle mounted in the top of the casing for receiving liquid to be tested, a hydrometer movable within the receptacle having its lower end in the path of the beam, said lower end of the hydrometer having shaded portions on its surface and a clear portion therebetween, whereby when the liquid being tested is of the normal specific gravity, said clear space is alined with the beam, a second receptacle for receiving a specimen of the liquid being tested mounted in said casing, means for subjecting the liquid within this second receptacle to the action of a reagent, means for conducting the liquid from the receptacle through the said light beam, whereby said light beam is intercepted if a re-



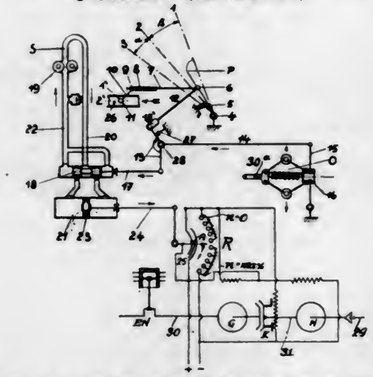
action to the reagent has occurred, and also if the specific gravity is abnormal, and means for indicating the interception of the light beam.

2,131,527

VEHICLE TRANSMISSION CONTROL

Josef Sousedik, Vsetin, Czechoslovakia

Application June 24, 1935, Serial No. 28,042
In Czechoslovakia December 7, 1934
8 Claims. (Cl. 290—17)



1. In a traction vehicle including an internal combustion driving engine, a throttle valve, an operating member therefor, an infinitely variable electric power transmitter, a speed ratio resistance controller and an electromagnetic coupling for giving a mechanical straight through drive when said transmitter is cut out; automatic regulating means comprising a servo-motor including a control valve for operating said controller, a centrifugal governor driven from the engine and a connection between said governor and the control valve whereby the controller is automatically adjusted in accordance with the engine speed.

2,131,528

FLYING MACHINE ADAPTED TO LAND ON WATER

Robert Soyer, Viroflay, France

Application July 28, 1937, Serial No, 156,216
In France May 26, 1937
19 Claims. (Cl. 244—107)

1. In combination, in a flying machine adapted to land on water, and especially a seaplane provided with a housing, a part adapted to come into contact with said water consisting of a flexible structure, adapted to be inflated so as to project from said housing means for rigidly connecting said flexible structure to the inside of said housing, said structure and said means be-



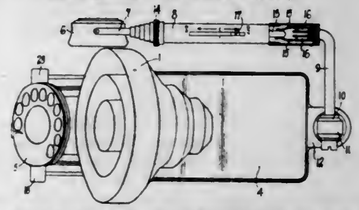
ing wholly retractable inside said housing, and closure means for said housing deformable by inflation of said structure and bringing back said structure inside said housing.

2,131,529

TELEPHONE INSTRUMENT

Douglas Stuart Spens Steuart, Regents Park, London, England

Application January 21, 1936, Serial No. 60,124
In Great Britain January 23, 1935
17 Claims. (Cl. 179—100)



1. A telephone sub-set assembly comprising in combination a base, a microphone mounted in close proximity to said base, a short enlarged mouthpiece immediately in front of and co-axial with said microphone and directed in a certain direction away from said base, said mouthpiece being constructed so as to enable sounds uttered at a distance of 10 to 20 inches away from and in front of the open end to generate speech currents of normal strength with a minimum of distortion, a receiver, an extendible and collapsible support for said receiver secured at one end to said base in close proximity to said microphone and normally supporting said receiver alongside said microphone to form a compact unit when not in use and extendible to a distance of 12 to 24 inches in a direction parallel with the axial direction of said microphone and mouthpiece whereby the person using the instrument may be allowed the free use of both hands and provided with an unrestricted space of 10 to 20 inches between his mouth and the instrument thereby allowing view and access to a desk and at the same time permitting the location of receiver sufficiently close to his ear to ensure that the incoming speech sounds are heard exclusively by him.

2,131,530

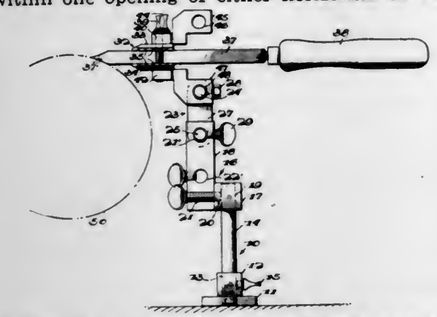
SHARPENING OR GRINDING DEVICE

Walter A. Weed, Orlando, Fla.

Application August 14, 1937, Serial No. 159,191
6 Claims. (Cl. 51—220)

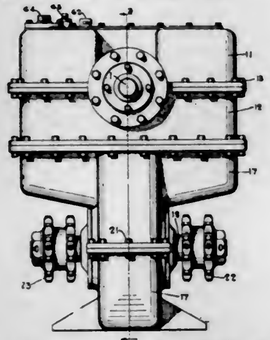
1. In a grinding device, a rotary grinder, a work clamp, a stand comprising spaced vertical posts, a carriage including vertical and horizontal parts which are offset laterally, the horizontal part having a pair of spaced openings to slidably receive the pair of vertical posts and the vertical part having spaced openings to slidably receive the vertical posts, means to clamp the horizontal part to one post when such part is mounted upon the posts, means to clamp the vertical part to one post when it is mounted

upon the posts in a horizontal position, a supporting unit comprising spaced upper and lower rods, the lower rod being adapted to be inserted within one opening of either horizontal or ver-



tical part, means to clamp the lower rod to either horizontal or vertical part when inserted in the opening thereof, and means to pivotally mount the clamp upon the upper rod.

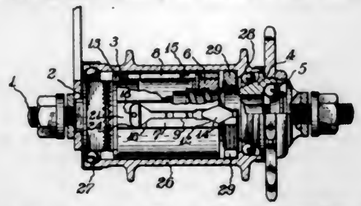
2,131,531
GEAR TRANSMISSION
Herbert C. Behrens, Woodlyn, Pa.
Application March 16, 1936, Serial No. 69,178
6 Claims. (Cl. 74—327)



1. A gear transmission comprising, in combination, a casing, a longitudinal driving shaft with bevel pinion, a transverse shaft having a pair of freely journalled bevel gears thereon constantly meshing with said bevel pinion, a clutch for alternatively connecting said bevel gears to said transverse shaft, a transverse bull pinion shaft located beneath and to one side of said bevel gear shaft, gearing directly connecting said transverse shafts, a bull gear shaft located substantially directly beneath said bull pinion shaft, and a transverse clutch shifting shaft located beneath said bevel gear shaft in substantially the horizontal plane of said bull pinion shaft.

2,131,532
VEHICLE BRAKE
Frank T. Christian, Elmira, N. Y., assignor to Eclipse Machine Company, Elmira, N. Y., a corporation of New York
Application April 16, 1937, Serial No. 137,316
3 Claims. (Cl. 188—250)

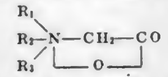
1. In a coaster brake, a cylindrical brake member having longitudinal slots extending alternately from opposite ends, said slots terminating in generally triangular openings, the bases of said triangles being arranged substantially circumferentially of the cylinder and being



joined to the sides thereof by smoothly curved fillets, the surfaces of said bases and fillets being rounded at the edges and polished.

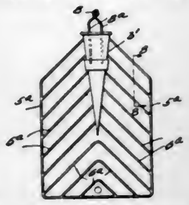
2,131,533
CEMENT MASS
Karl Daimler and Heinz Thron, Frankfort-on-the-Main, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application June 7, 1935, Serial No. 25,507. In Germany June 15, 1934
5 Claims. (Cl. 106—27)

1. As a new composition of matter a mixture of cement and a betaine of the formula:



wherein R_1 stands for a high molecular alkyl radical and R_2 and R_3 stand for low molecular alkyl radicals.

2,131,534
FLY SWATTER BLADE
Milton W. Gatch, Baltimore, Md., assignor to The Gatch Wire Goods Company, Baltimore, Md., a corporation of Maryland
Application April 24, 1937, Serial No. 138,827
10 Claims. (Cl. 43—137)

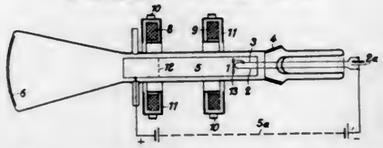


1. In a fly swatter, a blade comprising a sheet of textile fabric having a thin coating of vulcanized rubber on each side and ribs of solid rubber projecting from one side of the sheet.

2,131,535
CYANIDATION OF PRECIOUS METALS
Norman Hedley, Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application February 12, 1938, Serial No. 190,227
6 Claims. (Cl. 75—105)

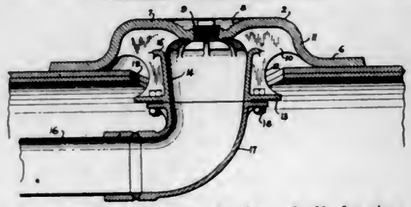
1. A method of recovering precious metals by cyanidation of precious metal pulps containing xanthates, which comprises carrying out the cyanidation in the presence of a small amount of a compound included in the group consisting of thiourea and aldehyde-ammonia condensation products of thiourea.

2,131,536
ELECTRON MICROSCOPE
Max Knoll, Berlin-Westend, Germany, Fritz Georg Houtermans, Hayes, England, and Werner Schulze, Berlin-Charlottenburg, Germany
Application June 23, 1934, Serial No. 732,046
In Germany March 16, 1932
9 Claims. (Cl. 250—27.5)



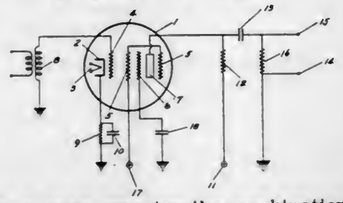
9. In an electric-ray microscope, an image receiving screen, an object electrode to be depicted on the screen, and a single anode only between the object electrode and the screen arranged in the form of a tube having a length greater than its internal diameter and an internal diameter greater than the diameter of the object electrode, said object electrode being positioned within the tubular anode so as to be surrounded by the anode, together with electromagnetic focusing means surrounding the tubular anode intermediate the ends thereof.

2,131,537
STEAM DOME
James C. Maris, Glenolden, Pa.
Application March 4, 1937, Serial No. 129,029
7 Claims. (Cl. 122—508)



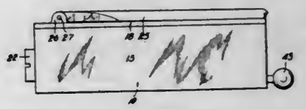
1. In combination, a boiler shell having an opening, a steam dome of larger diameter than said opening having an outlet passage whose upper end is in communication with said boiler and whose lower end extends downwardly through said opening for downward communication with a steam supply pipe located inside of the boiler, and vertical webs connecting the walls of said passage with said dome, said webs being arranged so that steam flows upwardly around both sides thereof and thence downwardly into the upper end of said outlet passage.

2,131,538
WAVE SIGNALING SYSTEM
Henry J. McCarthy, Danvers, Mass., assignor to Hygrade Sylvania Corporation, Salem, Mass., a corporation of Massachusetts
Application December 31, 1936, Serial No. 118,532
4 Claims. (Cl. 179—171)



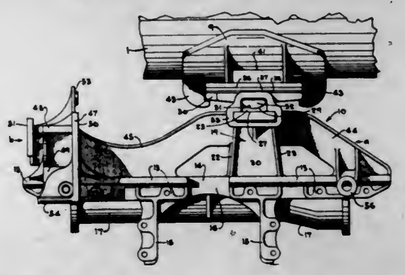
1. In a wave repeater the combination of an electron discharge tube having a cathode, an anode, a control grid, a shield grid and a suppressor grid, means to impress signals on the control grid, means to apply a steady positive potential to the shield grid, and a connection between the supressor grid and cathode to conductively insulate said suppressor grid from the cathode while allowing said suppressor grid to prevent secondary electrons from reaching said shield grid from said anode.

2,131,539
COSMETIC APPLICATOR
Charles A. Mureau, Los Angeles, Calif.
Application February 15, 1937, Serial No. 125,798
18 Claims. (Cl. 132—79)



1. A device for applying cosmetic comprising, a case having a compartment for containing the cosmetic, a projectable brush carried by the case, and a toothed slide movable in the case to withdraw cosmetic from the compartment and wipe it on the brush.

2,131,540
WAIST BEARER AND CROSS TIE
Lawrence L. Neebe, Woodbury, N. J.
Application August 3, 1935, Serial No. 34,586
10 Claims. (Cl. 105—44)

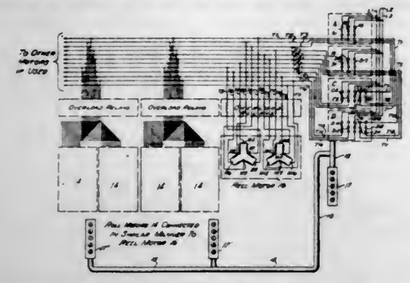


1. The combination in a "Mallet" articulated type locomotive comprising a cross tie having a transversely extending supporting surface, a boiler waist bearer, means interposed between said bearer and supporting surface to permit rocking and lateral movements between the same, and means for maintaining said rocking means in operative relation to said supporting surface independently of said waist bearer.

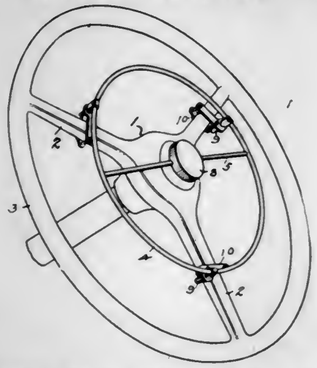
2,131,541
ROLLING MILL DRIVE
Maurice H. Pease, New Britain, and Daniel A. Keating, Bridgeport, Conn., assignors to The Stanley Works, New Britain, Conn., a corporation of Connecticut
Application August 25, 1936, Serial No. 97,728
7 Claims. (Cl. 80—35)

1. In a rolling mill having a plurality of sets of rolls adapted to receive a continuous strip of metal and reduce it in thickness, induction type electric motors respectively connected in operative driving relation with said sets of rolls, and means to simultaneously change the number of

effective stator poles in each motor whereby the speed of rolling may be varied through a predetermined amount without upsetting the speed ratio between the various sets of rolls.

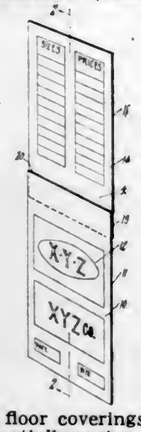


2,131,542
HORN RING FOR AUTOMOBILES
George E. Peters and Linus E. Russell, Springfield, Ohio, assignors to Peters & Russell, Inc., Springfield, Ohio, a corporation of Ohio
Application July 26, 1937, Serial No. 155,704
16 Claims. (Cl. 74—484)



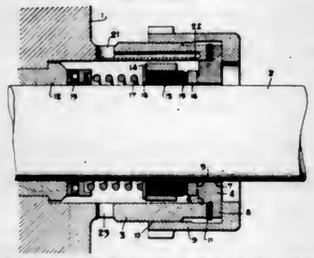
1. A horn button operator for automobile horns adapted to be mounted on the steering wheel of an automobile for actuation by the fingers of the driver without releasing grasp of the steering wheel rim, including a reversible, tiltable ring mounted in concentric spaced relation with the steering wheel rim, a rod disposed diametrically across the ring and having a medial portion thereof arched out of the plane of the ring, a supplemental horn button engageable alternately interiorly or exteriorly of the medial arched portion of the rod, a plurality of supporting posts having elongated loops through which the ring extends and slidingly adjustable circumferentially thereon, a spring pressed plunger in each supporting post against the yielding resistance of which the ring is depressible, clamp members revolubly and axially adjustable upon the supporting posts and locking means for securing the clamp members and posts in their positions of relative adjustment, said ring being free for tilting movement in any direction against the yielding resistance of at least one spring pressed plunger at one side of the ring while fulcruming on at least one mounting post at the opposite side of the ring, to thereby exert leverage upon the horn button at the center of the steering wheel to depress such button and operate a horn.

2,131,543
TAG FOR FLOOR COVERINGS OR THE LIKE
Sidney Rosenthal, Great Neck, N. Y., assignor to Pilgrim Badge and Label Corporation, Cambridge, Mass., a corporation of Massachusetts
Application March 24, 1938, Serial No. 197,847
2 Claims. (Cl. 40—2)



1. A tag for floor coverings or the like, comprising a substantially rectangular fabric section adapted to be adhesively united to the back face of the floor covering, said section being print-receptive on its outer face and carrying indicia imprinted thereon and being coated on its inner face with normally non-adhesive but adhesively activatable substance, and a substantially rectangular, relatively more flexible, double-texture fabric section which is of a width substantially similar to that of said first-named section and a marginal portion of which laps and is adhesively united to a marginal portion of the adhesive-coated face of said first-named fabric section, said second-named fabric section being print-receptive on both its faces and carrying indicia imprinted thereon and said second-named section being adapted to constitute a flap projecting from said floor covering when the coated face of said first-named section is adhesively united to a back marginal zone of said floor covering.

2,131,544
ROTARY SEAL
Alfred Weiland, Philadelphia, Pa., assignor to Baldwin-Southwark Corporation, a corporation of Delaware
Application March 13, 1936, Serial No. 68,575
9 Claims. (Cl. 286—7)



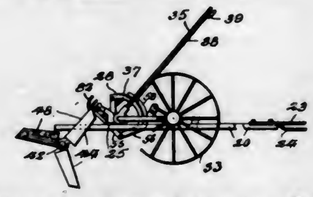
1. A seal for relatively rotatable parts comprising, in combination, a pair of cooperating relatively movable metallic sealing members, a rubber annulus vulcanized to one of said sealing members, said vulcanized sealing member and the portion of said annulus adjacent thereto each being spaced from said parts to allow flexible movement of the vulcanized sealing member, and means acting on said annulus for urging its sealing member into contact with said other sealing member.

2,131,545
NECKTIE MANUFACTURE
Jack Weisbaum, Cincinnati, Ohio
Application March 5, 1936, Serial No. 67,345
5 Claims. (Cl. 2—144)



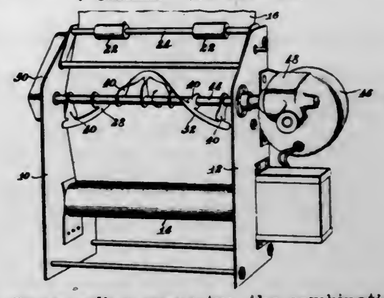
1. A process of manufacturing four-in-hand ties without a hand blocking operation, which comprises cutting a supply of fabric on the bias to form a long, narrow, irregularly shaped tie blank, positioning said blank with respect to longitudinally disposed crease forming elements and the edges of said blank with respect to longitudinally disposed edge positioning means, said crease forming elements bearing a predetermined spatial relationship to said edge positioning means, and bearing a predetermined spatial relationship each to the other, in such a way that said crease forming elements extend generally in the bias direction of said tie blank and in such a way that the edges of said tie blank bear a predetermined spatial relationship to said crease forming elements throughout the length of said edges, and simultaneously forming in said tie blank by means of said crease forming elements a series of at least three longitudinally disposed non-parallel form retaining creases, said creases being formed from the same side of said tie blank and having predetermined spatial relationship to each other and to the edges of said blank, then folding said blank along the lines of said form retaining creases over and over upon itself to form a tie body, and securing folded portions of said tie body to each other.

2,131,546
AGRICULTURAL IMPLEMENT
Jesse I. Wilcoxen, Sr., and Jesse I. Wilcoxen, Jr., Ford, Kans.
Application August 4, 1937, Serial No. 157,408
7 Claims. (Cl. 97—55)



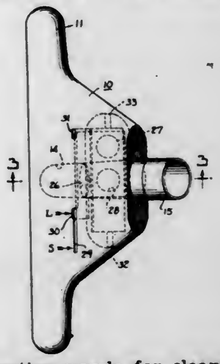
1. A device for digging basins in a field comprising a chassis, wheels for supporting the chassis, an axle carried by the chassis, a plurality of spaced spades mounted for revolution on the axle, means for holding alternate spades against rotation, means for retaining the remaining spades against revolution when the first spades have been released, means for periodically releasing the first spades for revolution and means for releasing the second spades periodically and alternately with the first spades, the releasing means for both sets of spades being actuated by a pair of means on one of the supporting wheels.

2,131,547
RECORDING APPARATUS
Maurice Artzt, Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application September 29, 1934, Serial No. 746,099
7 Claims. (Cl. 178—11)



6. In recording apparatus, the combination of a helical scanning member, a supporting shaft, a plurality of substantially equally spaced radial arms carried from the shaft and supporting the helical member, and a complementary linear scanning member parallel to the shaft.

2,131,548
SUCTION NOZZLE
Jacob Eliel Barrner, Camden, N. J., assignor to Electrolux, Inc., New York, N. Y., a corporation of New York
Application August 1, 1936, Serial No. 93,754
11 Claims. (Cl. 15—155)



1. In a suction nozzle for cleaning a surface, a hollow body formed with a large nozzle opening and a small nozzle opening, said body being adapted to be moved back and forth in a substantially straight line over a surface to be cleaned during normal cleaning operation, and valve structure including a member movable with respect to said body in a direction substantially at right angles to said line for closing either of said openings selectively, said member being constructed and arranged and having sufficient weight so that due to its inertia the valve structure is movable relative to said body by suddenly changing the speed of movement of said body while the body is in contact with the surface.

8. In a suction nozzle, a hollow body formed with two dissimilar nozzle openings, and a valve member slidable in a recess in said body for selectively closing either of said openings, said valve member having sufficient weight so that

due to its inertia the valve member is movable relative to said body by suddenly changing the speed of movement of said body, said body being formed with ports so arranged as to provide for leakage flow of air past substantially the entire surface of said valve member and through said recess to prevent the accumulation therein of dirt.

2,131,549

CLEANSING MEANS FOR METAL AND METAL ALLOYS

Willi Claus, Berlin, Germany, assignor to Metallochemische Fabrik, A.-G., Berlin, Germany, a corporation of Germany

No Drawing. Application March 26, 1937, Serial No. 133,193. In Germany March 30, 1936
2 Claims. (Cl. 75—68)

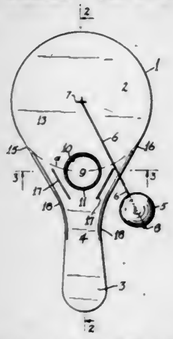
1. A cleansing material for molten aluminum baths, comprising compacted pellets composed of active halogen salts and of lead which has a melting point lower than that of the bath, whereby the pellet when introduced will sink to the bottom of the bath and will become consumed therein with the evolution of gas that will combine with and entrain gaseous impurities to the surface, while the lead will serve to entrain and carry to the surface any aluminum oxide that might be formed.

2,131,550

TOY

John J. Collins, San Francisco, Calif.

Application December 4, 1936, Serial No. 114,181
3 Claims. (Cl. 273—97)



1. In combination, a paddle with a striking area and a handle, said paddle being provided with a ball-receiving opening at the place where the handle merges into the ball striking area, the wall of the opening being reinforced and having a diameter slightly less than the ball for frictionally engaging with the ball, and auxiliary paddle reinforcing means disposed adjacent to the opening.

2,131,551

MECHANICAL PENCIL

Frank C. Deli, Chicago, Ill., assignor to Autopoint Company, Chicago, Ill., a corporation of Illinois

Application August 10, 1936, Serial No. 95,073
16 Claims. (Cl. 120—18)

4. In a mechanical pencil, a barrel, a spirally slotted lead guide tube rotatably mounted in the barrel, a longitudinally slotted portion in said barrel, a plunger having a head, a tip rotatably mounted on the barrel, said barrel having a portion formed with an inclined surface, means on the rear end of the lead guide tube for holding the same against forward movement in the barrel, an annular projection fixed to the lead guide tube adjacent said inclined surface, means for rotating the lead guide tube in the barrel to cause movement of the plunger longitudinally of the barrel, said lead guide tube being longitudinally stretchable, said inclined surface and the adjacent edge of said annular projection forming



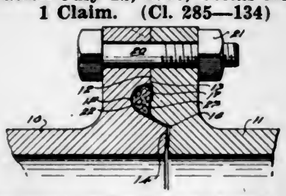
a tapered space into which the plunger head enters, and upon continued rotation of the lead guide tube said head will be forced through the tapered space and force the annular projection away from the inclined surface, said movement being permitted by longitudinal stretching of the lead guide tube.

2,131,552

JOINT CONSTRUCTION

Martin De Lin, Holland, Mich., assignor to Holland Furnace Company, Holland, Mich., a corporation of Michigan

Application July 12, 1937, Serial No. 153,099
1 Claim. (Cl. 285—134)



A joint construction comprising a pair of cooperating flanges, one flange having a chamfered portion at one edge thereof and a groove formed in that flange alongside the base of the flange, the other flange being rabbeted to receive the said chamfered portion and provided with a groove remote from said rabbeted portion, said last-mentioned groove being of less extent radially and axially than the groove in said first-mentioned flange and registering with the radially outer portion of the groove in the first mentioned flange, said grooves being filled with packing material comprising a flexible fibrous core surrounded by adhesive material, and means for clamping the two flanges together with the packing material completely filling the grooves in both flanges.

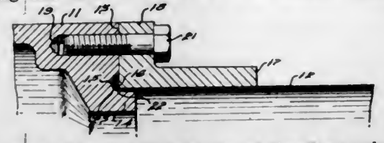
2,131,553

JOINT CONSTRUCTION

Martin De Lin, Holland, Mich., assignor to Holland Furnace Company, Holland, Mich., a corporation of Michigan

Application July 21, 1937, Serial No. 154,700
1 Claim. (Cl. 285—25)

A joint construction comprising: a tubular member having a radial flange at one end thereof, an axially extending flange at the inner periphery of said radial flange, and an axially extending annular groove formed in the radial flange adjacent the base of said radial flange; a second tubular member having an end portion encircling the axial flange of the first member; said second member having a radial flange of less radial extent than said annular groove and located wholly within the radial confines of said annular groove; a sleeve surrounding said second tubular member and having a radial flange contacting the radial flange of the second tubular



member and the radial flange of the first tubular member; the groove in the first tubular member being filled with flexible sealing material; and means for securing the radial flange of the sleeve to the radial flange of the first mentioned tubular member radially outwardly of the periphery of the flange at the end of the second tubular member, the construction and arrangement being such that when the sleeve is secured to said radial flange of the first-mentioned tubular member the flange of the second tubular member will be embedded in said sealing material.

2,131,554

HYGROMETER

Jean De Rayville, New York, N. Y.

Application February 1, 1936, Serial No. 61,936
13 Claims. (Cl. 73—337)

5. In an instrument of the character described, in combination, an enclosure comprising a casing part and a cover part, means interrelating said parts for relative rotary adjustment, said cover part having a window therein and having two stop members, a dial bearing visual indications rotatably carried by said cover part for presenting an indication to said window according to the rotary position of the dial, said dial having a stop member coacting alternately with said two stop members, the latter being positioned in the path of movement of said dial stop member to prevent the dial from overrunning at its two extremes of movement, means constructed to exert a force in response to change in its moisture content, means mounting said means in said casing, and mechanism including an overload clutch means for changing the rotary position of said dial in response to changes in said force.

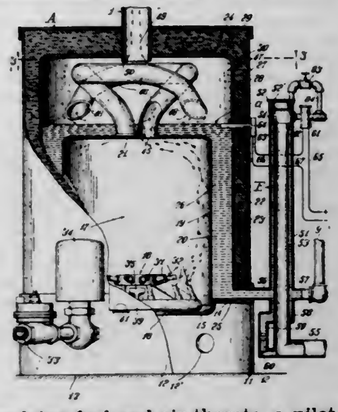
2,131,555

GENERATING HEATING MEDIUM

Clayton A. Dunham and Aubra R. Dunham, Glencoe, Ill., assignors to Experimental Laboratories, Inc., Chicago, Ill., a corporation of Illinois

Application December 13, 1935, Serial No. 54,299
7 Claims. (Cl. 237—67)

1. A generator for a mixed fluid heating medium consisting of products of combustion and steam, comprising a housing enclosing a combustion chamber, a second housing enclosing the first housing so as to hold a body of water around the combustion chamber and also enclosing a mixing chamber, a conduit for delivering products of combustion from the combustion chamber into the mixing chamber in contact with the surface of the body of water, an outlet for the heating medium leading from the mixing chamber, a main burner in the combustion chamber, means



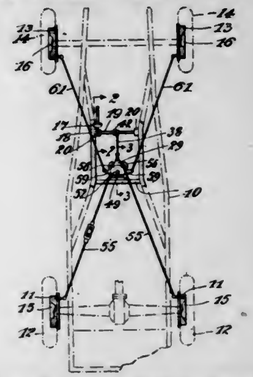
for supplying fuel and air thereto, a pilot-burner in the combustion chamber, there being a passage formed through the generator housings to give access to the pilot-burner, an outwardly opening door at the outer end of this passage, means for yieldably holding the door in closed position, a vent communicating with the outer end of the passage, and an open flue leading from this vent.

2,131,556

TRANSMISSION MECHANISM

Asbury S. Edmonds, Ossining, N. Y.

Application February 27, 1937, Serial No. 128,253
In Great Britain March 20, 1936
6 Claims. (Cl. 188—204)



1. In a transmission mechanism having front and rear pairs of brakes, the combination of a master transmission element, a lever mechanism connected therewith, three branch elements acted upon by said master element, said master element being floatingly associated with said branch elements, means connected with two of said branch elements adapted to operate one pair of the brakes, and means connected with the other of said branch elements adapted to operate the other pair of brakes.

2,131,557

LUMINOUS COMPOSITION OF MATTER AND METHOD OF PRODUCING SAME

Jeremiah F. Goggin, Davenport, Iowa

No Drawing. Application March 30, 1936, Serial No. 71,794
1 Claim. (Cl. 134—47)

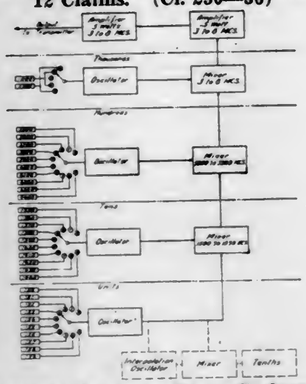
The method of producing phosphorescent material which comprises mixing dry hydrated calcium oxide and dry barium hydroxide, both in powdered form, in the proportion of forty-nine to fifty-three (49 to 53) parts of the former to twenty-five and six-tenths to twenty-nine and six-tenths (25.6 to 29.6) parts of the latter, adding water and stirring to form a thin paste; adding to the paste, slowly and with constant stirring, a solution of five-hundredths to seven-hundredths (.05 to .07) parts of bismuth nitrate; adding to the mixture, while stirring, three and five-tenths to four and five-tenths (3.5 to 4.5) parts of sugar in solution; adding to the mixture, slowly and with constant stirring, a solution of one to two (1 to 2 parts of lithium nitrate; evaporating the mixture to approximate dryness, the mixture being stirred while drying; reducing the dry mixture to a powder; adding to the dry mixture fourteen to eighteen (14 to 18) parts of sulphur in powdered form; grinding and mixing the mixture; and heating the mixture in a reducing atmosphere at a temperature of approximately nine hundred degrees centigrade (900° C.) for approximately three (3) hours.

2,131,558

SELECTIVE HIGH FREQUENCY OSCILLATOR SYSTEM

Harold Granger, Cherrydale, Va., assignor, by mesne assignments, to Bendix Radio Corporation, New York, N. Y., a corporation of Delaware

Application July 27, 1934, Serial No. 737,309
12 Claims. (Cl. 250—36)



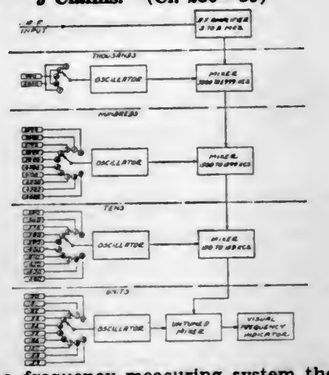
11. A system for generating radio frequency oscillations comprising several decades of oscillating circuits, oscillation mixing circuits connected between any two decades, means for selecting particular oscillating circuits in each decade, means for indicating by digits the particular oscillating circuit selected in each decade, the mixed oscillations of all the decades giving a final oscillation, said final oscillation being numerically equivalent to the number represented by the digits collected from each indicating means in a predetermined order, the frequencies generated by said several decades of oscillating circuits being other than harmonically related.

2,131,559

FREQUENCY MEASURING SYSTEM

Harold Granger, Cherrydale, Va., assignor, by mesne assignments, to Bendix Radio Corporation, New York, N. Y., a corporation of Delaware

Original application July 27, 1934, Serial No. 737,309. Divided and this application March 6, 1935, Serial No. 9,675
9 Claims. (Cl. 250—39)



1. In a frequency measuring system the combination of a plurality of oscillation generators, one of said oscillation generators including means for producing a plurality of frequencies increasing in steps of one thousand frequency units, a second of said oscillation generators including means for producing a plurality of frequencies increasing in steps of one hundred frequency units, a third of said oscillation generators including means for producing a plurality of frequencies increasing in steps of ten frequency units and a fourth of said oscillation generators including means for producing a plurality of frequencies increasing in steps of one frequency unit, a mixer circuit for said first generator, means for feeding oscillations of an unknown frequency to said mixer circuit for producing a beat frequency between oscillations generated by said first generator and the unknown frequency oscillations, and means for beating said beat frequency with a frequency produced by said second oscillation generator for producing a beat frequency of lower frequency, and means for beating said last beat frequency with a frequency produced by said third oscillation generator for producing a beat frequency of still lower frequency, means for beating said last beat frequency with a frequency produced by said fourth oscillation generator for producing a substantially zero beat frequency, means for indicating said substantially zero beat frequency, means for determining the frequency of the unknown frequency, automatic means for making a printed record of said determined frequency, and means controlled in accordance with the adjustment of said oscillation generators and said mixer circuits for controlling said automatic printing means.

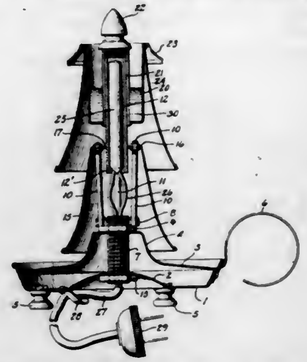
2,131,560

ELECTRIC VAPORIZER

Louis Jaroll, New York, N. Y.

Application February 16, 1937, Serial No. 125,963
2 Claims. (Cl. 219—38)

1. In an electric vaporizer, the combination comprising a base member, a support projecting upwardly therefrom and secured thereto, a resistance heating element carried by said support, a receptacle having a central sleeve adapted to receive at least a portion of said heating element and having a chamber for liquid surrounding said sleeve, a plurality of flared heat-radiating shields disposed vertically on said vaporizer and each shield, other than the bottom shield, overlapping a portion of the shield immediately below it, circuit terminals adapted to connect said



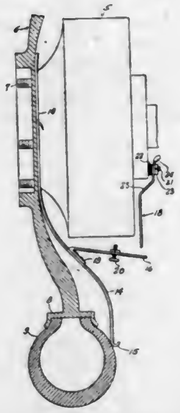
heating element with a source of electricity and means for supporting said terminals so as to prevent an undue thrust on the portions of said terminals immediately adjacent the heating element or upon the heating element during the manipulation of plugging into or disconnecting the other end of said leads from a source of electricity.

2,131,561

TIRE DEFLATION INDICATOR SWITCH

Harry P. Jones, Brawley, Calif., assignor of one-fourth to Paul Werve, El Centro, Calif.

Application August 24, 1936, Serial No. 97,688
9 Claims. (Cl. 200—58)



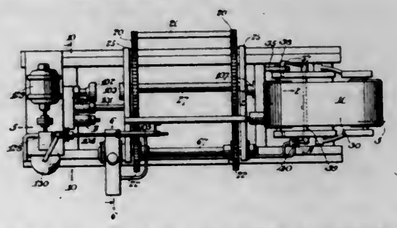
1. In combination, an axle housing, an insulated member secured to said housing, a conductive member projecting from said insulated member in a direction away from the axis of said housing, a brake drum revolubly mounted on said axle housing and having wheel fastening bolts projecting therefrom, a conductive plate having openings receiving some of said bolts, said plate lying against said brake drum, a wheel formed with openings receiving said bolts and lying against the axially outward side of said conductive plate, nuts on said bolts holding said wheel and said conductive plate in place relative to said brake drum, said wheel being equipped with a pneumatic tire, and a conductive spring arm projecting radially from said conductive plate and having a finger constantly engaging the side wall of said tire, said spring arm further having a conductive element fixed thereon and projecting laterally therefrom in a position to engage and make electrical contact with said conductive member only while the said pneumatic tire is in an underinflated condition.

2,131,562

BRICK AND TILE CUTTER

Howard K. King, Philadelphia, Pa., assignor to Chambers Brothers Company, a corporation of Pennsylvania

Application January 28, 1937, Serial No. 122,757
20 Claims. (Cl. 25—109)



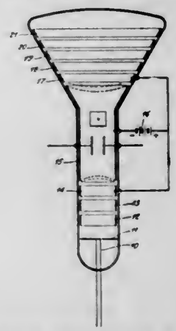
1. In a device of the character described, the combination of a measuring pulley having a cam rotating therewith, a revolving cutting reel, a reciprocating reel carriage, hydraulic means for actuating the reel, and a hydraulic valve actuated by the cam for controlling the reel actuating means.

2,131,563

CATHODE RAY TUBE

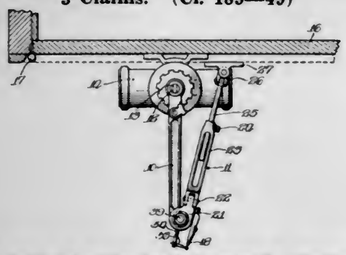
Max Knoll, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application August 4, 1934, Serial No. 738,435
In Germany August 1, 1933
5 Claims. (Cl. 250—27.5)



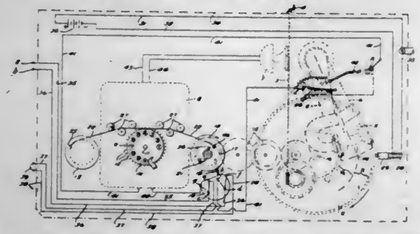
2. An electrode system for a cathode ray tube which comprises a plurality of similar annular cylindrical electrodes, a shielding cylindrical annular electrode in register with the plurality of similar electrodes, a plurality of deflecting electrodes positioned within the shielding electrode, and a plurality of annular conical electrodes in register with the shielding electrode.

2,131,564
RELEASABLE HOLDING ARM FOR DOORS AND THE LIKE
David R. Lasier, Chicago, Ill., assignor to Norton Lasier Company, Chicago, Ill., a corporation of Illinois
Application June 7, 1937, Serial No. 146,729
3 Claims. (Cl. 189—49)



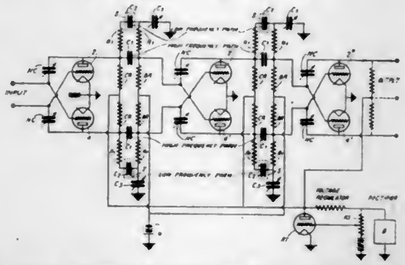
1. A pair of arms having spirally disposed cooperating frictional faces, said arms being pivoted adjacent said faces whereby said faces are adapted to bind and hold said arms when in predetermined relative positions, the spirally disposed face on one of said arms being provided on a separate part displaceable axially of said pivot, a pin mounted in the corresponding arm having a cam surface in supporting engagement with said displaceable part, said pin being movable for imparting to and receiving movement from said displaceable part, a latching means for holding said pin against displacement and a fusible link for said latching means.

2,131,565
AUTOMATIC DEVICE FOR EFFECTING TELEPHONE CALLS AND TRANSMITTING SIGNALS
Albino Oscar Lauersdorf, Rosario, Argentina
Application April 22, 1937, Serial No. 138,400
In Argentina February 16, 1937
3 Claims. (Cl. 179—5)



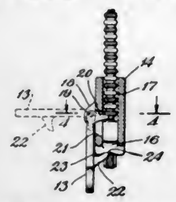
1. In combination an electric circuit including a battery, an automatic call telephone apparatus, comprising a transmitter, a number disk carrying the numbers of the stations to be called, a ribbon having perforations or openings therein corresponding to the numbers on said number disk and in operative engagement with said number disk for actuating the same, rotatable drums provided for said ribbon for moving the same in either direction, a stop carried by one of said drums, a rotatable commutator in said electric circuit adapted to be operated by said stop for connecting or disconnecting said apparatus, a phonograph comprising a movable tone arm, in opposite relationship to said transmitter, a spring-operated record carrying plate and a rotatable shaft therefor, a train of gear wheels for transmitting the rotation of said shaft to one of said drums, electro-magnetically operated means included in said circuit for controlling the rotation of said shaft, and a manual switch for opening and closing the circuit of said electro-magnetically operated means.

2,131,566
AMPLIFIER
Nils E. Lindenblad, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application February 1, 1935, Serial No. 4,474
9 Claims. (Cl. 178—44)



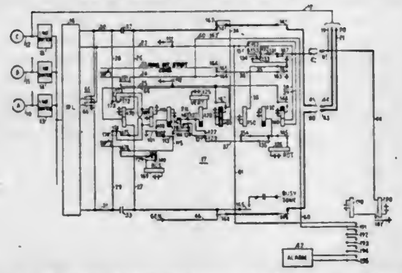
1. In a circuit for transferring potentials the periodicity of which may vary over a wide range, a conductor which may be energized by said potentials, a coupling condenser in series with said conductor, said condenser being of low impedance to potentials the frequency of which fall at the upper end of said range, a second coupling condenser being of low impedance to potentials at the lower end of said range, and an impedance connecting said second coupling condenser in parallel with said first coupling condenser whereby potentials over said entire range are affected as to amplitude in substantially like manner by said couplings and appear at the output end of said conductor.

2,131,567
REVERSIBLE LOCK SLIDER
Davis Marinsky, Bronx, N. Y., assignor to Whitehall Patents Corporation, New York, N. Y., a corporation of New York
Application November 18, 1936, Serial No. 111,366
6 Claims. (Cl. 24—205)



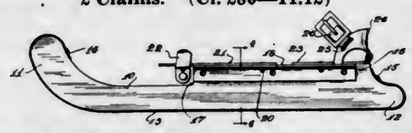
1. In separable fasteners employing stringers having interengaging coupling links, a slider movable longitudinally of the stringers to couple and uncouple said links, said slider having a contracted end portion and a wide flared end portion, a lock element pivoted to the slider inwardly of the end portions thereof, said element comprising a finger piece or pull having a lock pin adjacent the pivoted end thereof, the slider having an aperture through which said pin passes in engaging one of the stringer links to retain the slider against movement longitudinally of the stringers in one direction, and means on the pull outwardly of said pin for engaging the wide end portion of the slider to retain the pull in locked position against accidental displacement.

2,131,568
TELEPHONE SYSTEM
Seth E. Peterson, Galva, Ill., assignor to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application March 19, 1937, Serial No. 131,917
29 Claims. (Cl. 179—27)



1. In a telephone system, a first telephone, a second telephone, means for establishing a connection between said telephones on a call from said first telephone to said second telephone, said connection comprising a talking loop adapted to be completed when the call is answered at said second telephone, said means normally being released when said talking loop is interrupted at said first telephone, an alarm device, means responsive to the operation of said first-named means for causing the operation of said alarm device, and means responsive to the completion of said talking loop for preventing the release of said first-named means, whereby calls to said second telephone may be traced by an attendant.

2,131,569
CHILD'S SKI
Christian S. Reitan, Brooklyn, N. Y.
Application December 29, 1936, Serial No. 118,056
2 Claims. (Cl. 280—11.12)



2. In an article of the class described, a one-piece body consisting of an armored, runner portion with a broadened and upwardly turned rounded front end and a rounded rear end, a continuous raised portion extending from above the rounded rear end towards, but terminating at a substantial distance from the front end of the runner portion, said continuous raised portion being of a sufficient height to form a distinct step projecting clearly above the runner portion, rest means associated with and extending sidewise from, and along the entire length of said raised portion, and forming a relatively broad platform for accommodating shoe front and heel supports, said rest means having adjusting means located exteriorly to, and at both sides of said raised portion, for the purpose of facilitating the adjustment of a shoe front support.

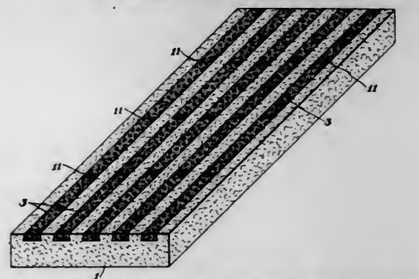
2,131,570
EXERCISE DEVICE
Herbert E. Riley, New York, N. Y.
Application July 27, 1935, Serial No. 33,517
9 Claims. (Cl. 272—72)

4. An exercise device comprising a knee pad, spaced and connected hand grips, a roller on which said grips are mounted to be rolled over the floor toward and from said pad, a spring cooperating with said pad and grips and pivotally



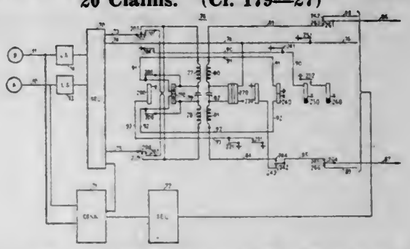
mounted with respect to the pad, whereby said grips may be moved in different horizontal directions toward and from said pad, said pad having a slope toward the floor and hand grips.

2,131,571
ANTISKID UNIT AND METHOD OF MAKING THE SAME
Harry H. Rinehart, New Market, N. J., assignor to Johns-Manville Corporation, New York, N. Y., a corporation of New York
Application August 18, 1934, Serial No. 740,429
2 Claims. (Cl. 94—5)



1. A unit, adapted for use as traffic-bearing surfacing material, comprising a preformed fibre-reenforced asphalt slab provided with closely spaced grooves in the face thereof that is to be exposed during use and antiskid material secured within the said grooves, the antiskid material comprising a semi-rigid fibre-reenforced cementitious composition in hardened condition, of high coefficient of friction, and in strip form.

2,131,572
TELEPHONE SYSTEM
Norman H. Saunders, Homewood, Ill., assignor to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application April 5, 1937, Serial No. 134,998
20 Claims. (Cl. 179—27)



1. In a telephone system, a first line, a second line, a first telephone on said first line, a second telephone on said second line, means for establishing a connection between said lines on a call

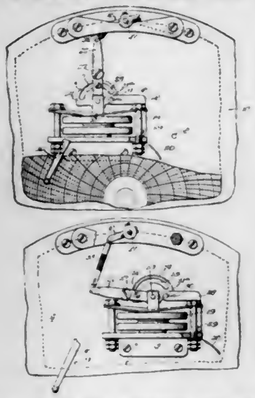
from said first telephone to said second telephone, said means normally being releasable in response to an operation performed at said first telephone, means operative during the establishing of said connection for applying ringing current to said second line, and means including means responsive to the application of ringing current to said second line for preventing the release of said first-named means in response to an operation performed at said first telephone, whereby calls to said second telephone may be traced by an attendant.

2,131,573

RECORDING THERMOMETER

Morton O. Snediker, Chicago, Ill., assignor to The Powers Regulator Company, Chicago, Ill., a corporation of Illinois

Application November 9, 1936, Serial No. 109,926
2 Claims. (Cl. 234—72)



1. In compensating means for recording instruments, the combination of a thermo-responsive element having a movable part, a bar bodily movable with the part and pivoted thereon, an arm fixed to said bar and angularly adjustable about the pivot of the bar, a link mounted at one end on a fixed pivot and at the other end connected to the arm and providing a fulcrum point therefor, a pen arm shaft and a crank thereon, and a link connecting the crank to the free end of the bar.

2,131,574

EXPLOSIVE

Ralph A. Tapley, McMasterville, Quebec, Canada, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application July 24, 1936, Serial No. 92,370. In Canada November 19, 1935
11 Claims. (Cl. 52—5)

1. An explosive composition capable of being subsequently combined with additional ingredients to form nitroglycerin high explosives of the gelatinous type which composition comprises between 75 and 90 per cent of at least one liquid nitric ester containing at least two nitrate groups, between 0.5 and 3.0% of a gelatinizing agent, between 13.0 and 2.5 per cent of a combustible absorbent material and between 2.0 and 10.5 per cent of a material substantially insoluble in water and possessing lubricating properties in gelatinous explosives.

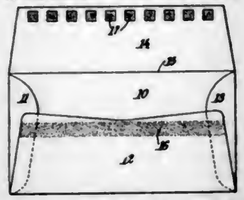
6. A method of manufacturing a balanced explosive composition which comprises preparing a substantially unbalanced explosive composition comprising nitroglycerin and less than the normal amount of non-explosive dope ingredients required to produce a finished explosive composition, compensating for the decrease in the amount of absorbent by introducing a small amount of nitrocotton so as to increase the viscosity and gelatinization of the product to hold the nitroglycerin in place against leakage, thereby producing a composition having physical characteristics rendering it safe for handling and transportation and subsequently combining therewith the dope ingredients and an amount of a liquid aromatic nitrocompound between 0.2 and 5.0 per cent of the finished explosive to produce a balanced explosive composition of lower nitroglycerin content.

2,131,575

ENVELOPE

Charles R. Whipple, Pittsfield, Mass., assignor to Eaton Paper Corporation, Pittsfield, Mass., a corporation of Massachusetts

Application October 28, 1937, Serial No. 171,449
4 Claims. (Cl. 229—80)



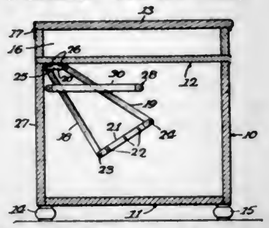
1. An envelope or the like comprising a pocket and a flap for closing the pocket which normally overlies a part of the rear wall of the envelope, adjacent faces on the flap and on the rear wall of the envelope having complemental areas thereof coated with an adhesive of the type which will adhere to itself upon the application of pressure alone but will not adhere to uncoated parts, the adhesive coating on at least one of said parts having uncoated areas adjacent the coated areas and disposed out of the normal plane of the coated areas for normally maintaining the coated areas on the two parts in spaced relation, and the coated areas on the respective parts being adapted to be brought into adhering relation by the application of pressure to the overlying coated areas.

2,131,576

CHEST

Walter Ziegler, Forest Park, Ill., assignor to Ed. Roos Company, a corporation of Illinois

Application December 12, 1934, Serial No. 757,175
4 Claims. (Cl. 312—189)



3. A chest comprising a lower compartment, a closure for said lower compartment, and means for hingedly connecting said closure and said compartment together so that the closure may be raised to vertical position adjacent to and forwardly of the rear edge of the chest, said means comprising a plate, having a pair of laterally and vertically spaced pivots thereon, mounted on an end wall of the lower compartment and in a plane parallel thereto, a pair of pivots carried by the closure near the rear edge thereof and in the plane of the first named pivots, and a pair of links of substantially equal length each connected at its extreme ends to one of each of said pairs of pivots, whereby the links are mounted for movement in substantially the same plane and whereby the paths of their movement do not intersect when the closure is raised or lowered with relation to the lower compartment.

2,131,577

TERMINAL STRUCTURE

Charles C. Abbott, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York

Application October 21, 1936, Serial No. 106,847
3 Claims. (Cl. 173—259)



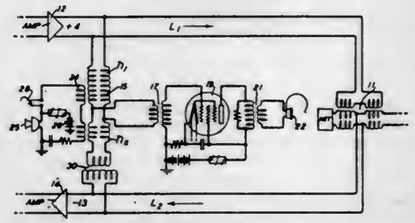
2. Terminal structure comprising a terminal having a looped portion defining an eyelet, a nut connection member having a base fitted to one side of said eyelet and portions extending from the base and folded over the eyelet to clamp the terminal to the nut, said nut and terminal having a tapped aperture extending through the eyelet and nut, the threads of the aperture being formed in the walls of the eyelet as well as in the nut, and a terminal pin threaded in said aperture.

2,131,578

MONITORING CIRCUIT FOR TELEPHONE SYSTEMS

Albert E. Bachelet, New York, N. Y., and Earl S. Gibson, Ridgewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application August 25, 1937, Serial No. 160,757
5 Claims. (Cl. 179—170)



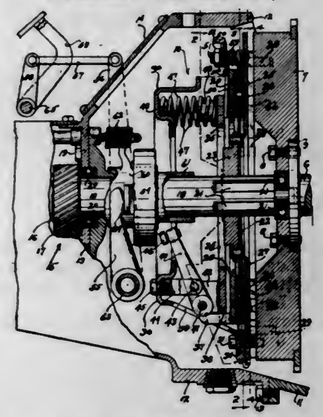
1. In combination, two signal transmission lines operated at different transmission levels, a monitoring circuit comprising a transmitter and a receiver, and means comprising an inequality ratio hybrid coil associating said monitoring circuit with said lines so as to enable transfer of signal energy from either line to said receiver at the same volume level and transfer of signal energy from said transmitter to either line at the proper line level.

2,131,579

FRICTION CLUTCH MECHANISM

Albert Barnes Bear, St. Paul, Minn., assignor of eight and one-sixth percent to Seth Henry, eight and one-sixth percent to Theodore Nikas, eight and one-sixth percent to James Pontikis, eight and one-sixth percent to Howard H. McGill, eight and one-sixth percent to Christ D. Pamel, eight and one-sixth percent to Nick Chiomes, and ten percent to John Goff

Application January 20, 1936, Serial No. 59,960
7 Claims. (Cl. 192—68)



1. In a friction clutch mechanism, the combination of a rotatively mounted axially fixed friction element, a clutch control housing mounted on the said axially fixed friction element, a pressure plate mounted within the said housing in axially spaced relation to the said axially fixed friction element, lever means anchoring the said pressure plate to the clutch control housing for axial adjusting movements, yielding means interposed between the control housing and pressure plate and maintaining the latter under yielding pressure to move axially toward the said axially fixed friction element, an axially movable friction element carried by said pressure plate in axially spaced opposed relation to said axially fixed friction element and for axial adjusting movements in respect to the said pressure plate, a friction disc interposed between the said axially fixed and axially movable friction elements for rotary movements in respect thereto, and a circumferentially spaced plurality of pressure multiplying levers operatively connecting the said pressure plate to the said axially movable friction element.

2,131,580

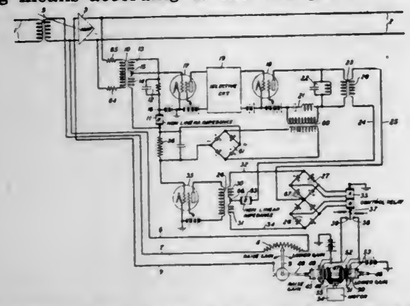
CONTROL CIRCUITS

Bjorn G. Bjornson, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application May 14, 1937, Serial No. 142,538
14 Claims. (Cl. 178—44)

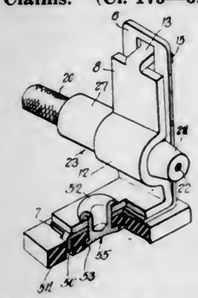
1. A system for the transmission of electrical energy comprising a controlled circuit, controlling means for automatically adjusting an electrical characteristic of said circuit, measuring means responsive to a variation of said characteristic from a predetermined desired value for effecting voltage changes in amount and phase to measure the amount and the direction of said variation, and means controlled by said characteristic but non-responsive to the directional sense of any change of said characteristic from

said desired value cooperating with said measuring means according to the changes of voltage



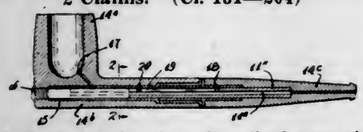
in amount and phase to selectively control said adjusting means.

2,131,581
TERMINAL ASSEMBLY
Harold Catron, Ralph L. Dashner, and Marion W. Morris, Logansport, Ind., assignors to R-B-M Manufacturing Co., Logansport, Ind., a corporation of Indiana
Application January 7, 1935, Serial No. 620
6 Claims. (Cl. 173—328)



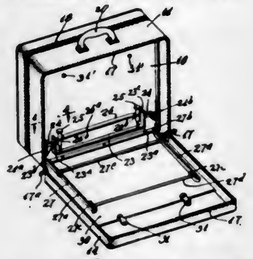
2. In combination, in a terminal assembly of the class described, a base, a rigid frame member, a spring member, means for securing one end of said frame member and one end of said spring member to said base, a terminal receiving arcuately curved recess formed in one of said members intermediate the ends of the latter, and interlocking means connecting the opposite ends of said members and accommodating longitudinal movement of the spring member relative to the rigid frame member so as to provide for relative arching movement of the intermediate portions of said members.

2,131,582
ROSEWOOD PIPE
John Chmura, Richmond Hill, N. Y.
Application March 25, 1937, Serial No. 132,993
2 Claims. (Cl. 131—204)



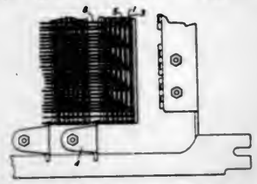
1. A device of the class described comprising a pipe having a tobacco bowl portion connected with a stem portion in turn connected with a mouthpiece, and a rosewood member formed with a passage for the smoke and positioned in said stem portion and acting to add its fragrance to the smoke, said rosewood member being adjustable to different positions to affect the degree of fragrance transferred, said rosewood member being formed with a slot extended in from one end, and a pin engaging said slot to prevent turning of the rosewood member, said member being movable to different positions with relation to said pipe bowl to control the length of the passage of the smoke through the rosewood member.

2,131,583
INDIVIDUAL COMPARTMENT CONSTRUCTION FOR LUGGAGE
James J. Crotty and Leon Roth, Brooklyn, N. Y.
Application June 18, 1937, Serial No. 148,858
3 Claims. (Cl. 211—99)



1. In a device of the class described, a body having opposite transverse wall portions, a pair of J-shaped brackets mounted by one of their arms on said transverse wall portions and formed with slots extended inwards from the tops of the free arms, a support cradle for clothing hangers and having fingers engaging said slots, a frame pivotally mounted on said opposite sides and having an outer transverse bar for supporting clothes and an inner transverse bar for abutting said cradle in one position and holding same on said brackets.

2,131,584
SWITCHING DEVICE
Victor I. Cruser, East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application July 23, 1936, Serial No. 92,117
6 Claims. (Cl. 175—306)

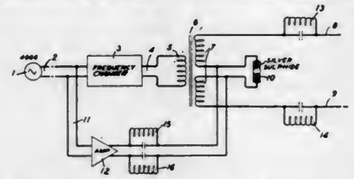


1. A switching device comprising a plurality of sheet metal multiple terminal units, each having a soldering terminal formed integrally therewith and extending therefrom in the plane thereof, the end of each terminal being twisted through a right angle, bifurcated and the two sections thus formed bent in opposite directions to form a clip, and multiplying wires engaged in and gripped by said clips.

2,131,585
SUPPLY CIRCUIT
Austen M. Curtis, South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 10, 1937, Serial No. 130,123
8 Claims. (Cl. 171—118)

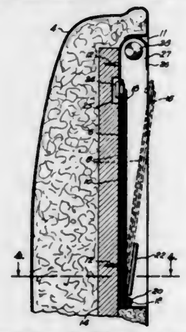
1. In combination, a load circuit having a load

current impressed thereon, an element of silver sulphide having a negative temperature coefficient of resistance connected in series with said circuit for controlling the current flow therein, means for connecting a control alternating current in circuit with said element to effect heating



thereof, said element of silver sulphide having a time delay in cooling to block the flow of load circuit current only a predetermined time after the control current ceases to flow, and means for preventing the load current adversely affecting the control circuit.

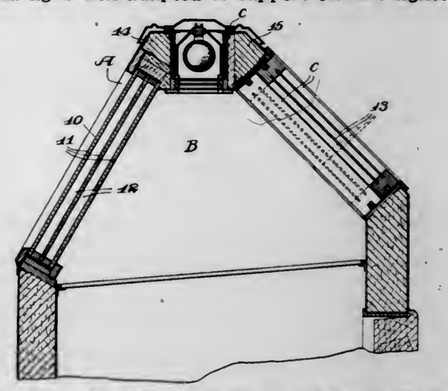
2,131,586
ADVERTISING DEVICE FOR TAXICABS
William O. Dano, Kansas City, Mo.
Application September 20, 1937, Serial No. 164,698
5 Claims. (Cl. 40—130)



1. An advertising holder construction comprising a frame member providing a display opening in substantially upright position, a card panel member having a plurality of card guide slots open at their upper ends for the mounting of advertising cards, the bottom of said card panel member being mounted in pivotal relation to the bottom margin of said display opening whereby said panel member may be swung from upright or card display position into outwardly inclined position for card inserting and changing purposes, the upper side of said frame member projecting over the upper open ends of said card guide slots to prevent removal of the cards when in display position, and means for securing the card panel member in upright or display position within said display opening.

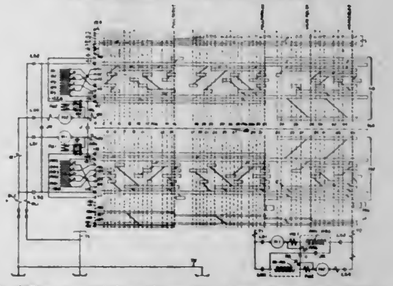
2,131,587
REFRIGERATOR DISPLAY CASE
Walter A. Ellsworth and Enoch Swedman, St. Paul, Minn., assignors to Seeger Refrigerator Company, St. Paul, Minn., a corporation of Minnesota
Application November 10, 1934, Serial No. 752,486
7 Claims. (Cl. 240—6)

1. The combination of, an insulating frame adapted to provide a refrigerator show case, a refrigerator compartment within said show case, a show window, a heat radiating covering on said insulating frame, a light well in said frame sealed from the atmosphere, a heat collecting means in said light well adapted to support electric lights



therein, and means connecting said heat collecting means to said outer heat radiating covering to provide a radiating means for radiating the heat away from said light well.

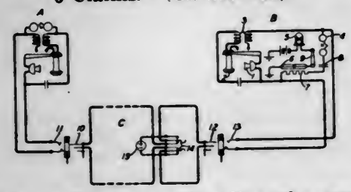
2,131,588
ELECTRIC MOTOR CONTROL EQUIPMENT
William Train Gray, Altrincham, England, assignor to General Electric Company, a corporation of New York
Application January 25, 1937, Serial No. 122,286
In Great Britain February 3, 1936
10 Claims. (Cl. 172—179)



10. The combination in a series parallel control system for two electric motors provided with series field windings, two sets of resistance sections, one for each motor, a contact drum for progressively controlling the energization of said motors and the connections of said resistance sections, contact members on said drum for initially connecting said motors in series with each other and said sets of resistances in series with each other in circuit with said motors, the resistance sections of each set being connected in series with each other, contact members on said drum for thereafter excluding said sections alternately from said sets with the exception of one section in each set, then connecting the excluded sections of each set in series with each other in parallel with the remaining section and excluding said series connected sections alternately from said sets with the exception of one, this operation being repeated until said sections of each set are connected in parallel with each other, contact members on said drum for then connecting said motors in parallel with each other with certain of the resistance sections in each set in series with each other included in the circuit with each

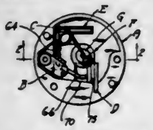
motor, contact members on said drum for thereafter progressively connecting the resistance sections in each set in parallel with each other by the series parallel method previously described, contact members on said drum for thereafter excluding said resistances completely from the circuit of each motor and then connecting the resistance sections in said sets in series with each other and in parallel respectively with said field windings.

2,131,589
SIGNALING SYSTEM
Clair W. Halligan, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application April 23, 1937, Serial No. 138,560
6 Claims. (Cl. 179—84)



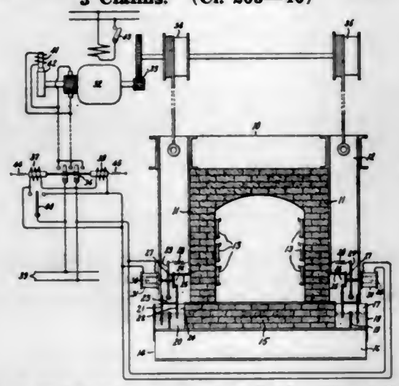
1. The combination with a line of a source of interrupted signaling current, means for applying said source to said line, a signal lamp and a source of current for lighting the same, a resistance element which decreases its resistance with an increase in its temperature, a circuit including said lamp, said second source of current, and said resistance element, the normal resistance of said element being sufficiently high to prevent the lamp from lighting, and circuit means effective when said source of interrupted current is applied to said line to heat said resistance element to maintain the signal lamp lighted throughout each succeeding non-signaling interval.

2,131,590
SNAP SWITCH
Clarence John Hathorn, St. Marys, Pa., assignor to The Stackpole Carbon Company, St. Marys, Pa., a corporation of Pennsylvania
Application January 21, 1937, Serial No. 121,529
6 Claims. (Cl. 200—67)



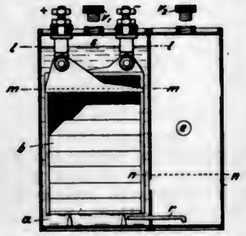
1. A snap switch comprising an insulating base, a stationary electrical terminal and a flexible electrical terminal, an electrical bridging disc adapted to engage said terminals whereby the electrical circuit will be closed and to move away from said terminals whereby the electrical circuit will be opened, said disc having an opening therein, a small cylindrical insulating bushing interfitting with the opening in said disc, a flange on said insulating bushing adapted to engage the upper surface of said bridging disc, a forked actuating trigger pivotally mounted, a torsional spring having one end connected to said trigger, and the other end bent at an angle whereby the bent end extends into the insulating bushing, a portion of said spring pressing upon the insulating bushing flange thereby pressing said bridging member in a direction towards the base, and said spring adapted to directly move said bridging disc in one direction or the reverse direction depending upon the movement of said spring beyond its dead center position.

2,131,591
FURNACE
Fay E. Keith, Western Springs, and Cidron F. Lindstrom, Chicago, Ill., assignors to General Electric Company, a corporation of New York
Application April 14, 1937, Serial No. 136,778
3 Claims. (Cl. 263—40)



1. A furnace comprising walls forming a hood, heating means for said hood, a base for said hood provided with a trough for a sealing material, a flange on said hood extending into said trough, a motor for raising and lowering said hood, means providing a ventilating opening for the escape and entrance of gas with respect to said hood when said hood is raised or lowered, valve means biased to close said opening, an operating coil for opening said valve means, and switching means for energizing said coil concurrently with the energization of said motor to raise or to lower said hood.

2,131,592
ELECTRIC BATTERY, PARTICULARLY SECONDARY BATTERY, AND METHOD OF OPERATING THE SAME
Alfons Erich Lange, Hagen, and Erich Langguth-Hagen-Oberdelstern, and Edmund Breuning and Adolf Dassler, Hagen, Germany, assignors to Accumulatoren-Fabrik A.-G., Berlin, Germany, a joint-stock company of Germany
Application November 17, 1934, Serial No. 753,462
In Germany November 18, 1933
12 Claims. (Cl. 136—179)



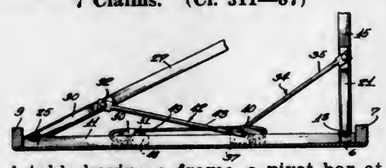
11. The method herein described of removing evolved gas from the chamber of a secondary battery of alkaline type which consists in effecting the charging of the battery while the electrodes are submerged in the electrolyte, and effecting, under pressure changes incident to the establishment of open circuit and of discharging conditions, a recession of the electrolyte and emergence of an electrode surface with consequent chemical reaction between evolved gas and the substance of the electrode over surfaces so exposed.

2,131,593
ACOUSTIC DEVICE
Robert N. Marshall, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application September 9, 1936, Serial No. 99,910
7 Claims. (Cl. 181—0.5)



1. An acoustic device comprising a case, a diaphragm in said case, said case having a perforated portion in front of said diaphragm for the passage of sound waves thereto, and a plurality of ridges on said perforated portion extending radially outward from the center thereof, said ridges increasing in height with distance from said center.

2,131,594
TABLE
Charles J. Miller, Chicago, Ill.
Application January 6, 1936, Serial No. 57,691
7 Claims. (Cl. 311—87)



1. A table having a frame, a pivot bar at one side of said frame and another pivot bar at the opposite side thereof, a pair of legs mounted on each pivot bar and adapted to be folded within the frame, and separate locking means associated with each pair of legs and adapted to lock said pairs of legs independently in table supporting position, one of said locking means being manually releasable and adapted to positively engage and automatically release the other of said locking means by manipulation of one of the pairs of legs to permit folding of the pairs of legs within the frame.

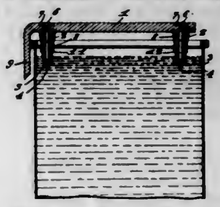
2,131,595
TWIN CYLINDER ENGINE
Charles Monti, Bay Shore, N. Y.
Application October 29, 1937, Serial No. 171,615
1 Claim. (Cl. 123—48)

In an engine, a cylinder, a piston slidably supported in said cylinder, a connecting rod connected at one end to said piston, a crank element connected to the other end of said rod for turning said element when said piston moves in said cylinder, and means on said crank element capable of being adjusted for controlling the path of movement of said piston within said cylinder, so that the compression limit of said piston may be increased or decreased, as desired, comprising



an eccentric bushing rotatively supported on said crank element and having the said end of said connecting rod rotatively supported thereon, and means for holding said bushing against rotating on said crank element for holding it in adjusted positions, comprising outwardly extending flanges formed on the ends of said bushing, and set screws engaging through portions of said crank element and abutting said bushing.

2,131,596
CAN OPENER AND SEALER
James H. Mulcahy, Los Angeles, Calif.
Application August 15, 1936, Serial No. 96,269
2 Claims. (Cl. 220—51)

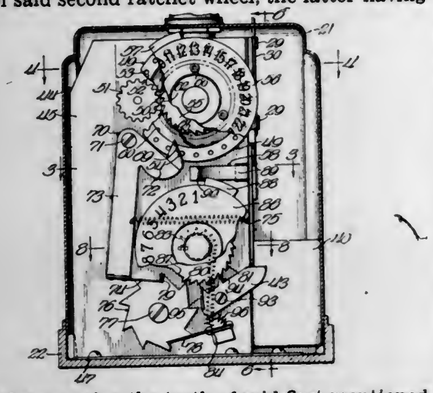


1. A can opening device comprising a body, a punching member secured thereto and including a shank, a conical punching head formed on the lower end of the shank and having a groove in the upper end thereof surrounding the shank, and tapered pliable means surrounding the shank substantially the entire length thereof and having its ends countersunk in the body and the groove respectively, the lower end of the pliable means being flush with the upper edge of the head and said pliable means adapted to enter an opening punched by the head so as to seal the opening.

2,131,597
COIN CONTROLLED METERING DEVICE
George H. Niederst, Chicago, Ill., assignor, by mesne assignments, to International-Register Company, Chicago, Ill., a corporation of Illinois
Application February 3, 1936, Serial No. 62,009
7 Claims. (Cl. 200—33)

1. In combination, an electrically actuated power device, a supply circuit therefor and a switch in said circuit, mechanism for controlling said switch, comprising a rotatable ratchet wheel, an escapement pawl for controlling the movement of said ratchet wheel in one direction, a spring for urging said wheel in said direction, a timing device, a timing wheel having a plurality of pins actuated by said timing device, a second ratchet wheel rotatable oppositely to said first ratchet wheel under the influence of said spring, and a pawl adapted to be actuated by said pins for stepping said ratchet wheel in said opposite direction, said switch means being controlled by

said first ratchet wheel, and said pawl acting upon said second ratchet wheel, the latter having



lugs for engaging the teeth of said first mentioned ratchet wheel.

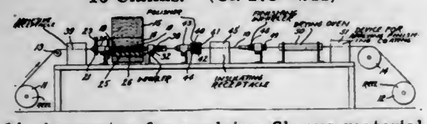
2,131,598

METHOD AND APPARATUS FOR APPLYING A FIBROUS COATING TO A FILAMENT

Carl F. Obermaier, York, Pa., assignor to General Electric Company, a corporation of New York

Application September 28, 1934, Serial No. 745,871

16 Claims. (Cl. 173—244)



14. Apparatus for applying fibrous material to a filament and like member comprising means for continuously advancing said filament in a longitudinal direction, means for continuously dropping fibres toward said filament a sufficient distance to insure a loose haphazard arrangement between them, an elongated member rotatable about said filament constructed and arranged to intercept said fibres as they fall toward said filament to build up an elongated rotating mass of fibres about said filament and the fibres being applied to said filament at the end of said elongated member where said filament travels out of it, means acting on the fibres to advance them toward said end to be applied to said filament, a whirler adjacent said end of said elongated member to establish between said elongated member and the whirler an application zone on said filament in which said fibres are applied to the filament from the elongated member, means for rotating said elongated member, and means for rotating said whirler in the same direction of rotation as said elongated member so as to condense and compact the fibres in said application zone onto said filament.

2,131,599

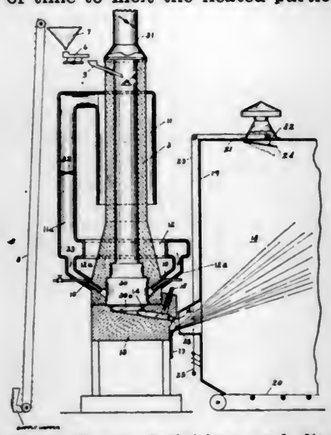
MANUFACTURE OF MINERAL WOOL

Arthur T. Shrum, Poland, Ohio, assignor, by mesne assignments, to William C. Coryell, Youngstown, Ohio

Application August 6, 1934, Serial No. 738,619

2 Claims. (Cl. 49—77.5)

1. The method of making mineral wool which comprises, continuously feeding particles of a mass of comminuted fine mineral material of a size between 40 and 100 mesh in a region of heated and upwardly flowing gases whereby the material is pre-heated, progressing the particles in a freely falling manner and at a determined rate through the heating region for a sufficient length of time to melt the heated particles, col-



lecting the molten material in a pool, discharging the molten material from the pool, and thereafter blowing the discharged molten material to break it down into a fibrous condition.

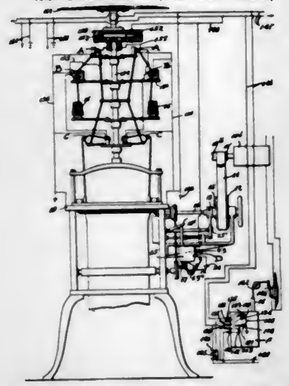
2,131,600

ELECTRIC STOP MOTION SYSTEM FOR KNITTING MACHINES

Joseph Steinhart, New York, N. Y., assignor to Safety Stop Motion Co., a firm

Application October 1, 1937, Serial No. 166,713

20 Claims. (Cl. 66—163)



1. In combination with a knitting machine having a rotative spool carriage, a motor driving a main drive shaft, and a clutch for disconnecting the machine from the motor drive, means on said spool carriage for detecting whether the yarn drawn from spools on said carriage is either knotted, bunched, or has a rough surface, and including switches, and means for closing and keeping closed said switches upon detection of said deficiencies in said yarn, means on said spool carriage for detecting breaks in said yarn and including switches, and means for closing and keeping closed said switch upon detection of a break, means for opening said clutch controlled with an electro-magnet, and a circuit including said electro-magnet and switches for energizing said magnet when one of said switches is closed.

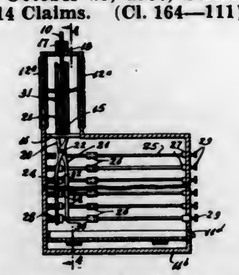
2,131,601

FOOD CHECK PUNCHING DEVICE

Sol Taub, New York, N. Y.

Application October 29, 1937, Serial No. 171,649

14 Claims. (Cl. 164—111)



1. A ticket punching device comprising a body with a window opening, means mounted on said body for supporting a ticket so that its central portion is free and viewable through said window opening, a plurality of jaw punch devices positioned along the sides of said ticket, each comprising a jaw element having a punch element for location on one side of said ticket and substantially fixedly supported, another jaw element having a complementary punch element located on the other side of said ticket and pivotally connected with said jaw element, and a depressible and turnable rod pivotally connected with said latter jaw element.

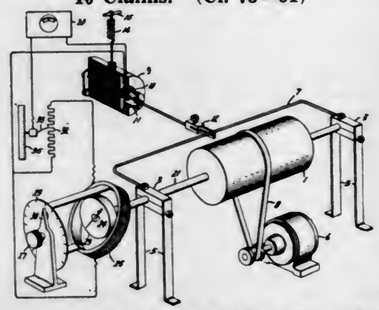
2,131,602

DYNAMICALLY BALANCING ROTATABLE BODY

Ernest L. Thearle, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application June 17, 1936, Serial No. 85,737

10 Claims. (Cl. 73—51)



1. In apparatus for analyzing the unbalance of similar rotors, a mounting structure for rotatably supporting one of said rotors to permit substantial vibration of both ends thereof, a vibration responsive device including a generator developing an electrical current whose characteristics are determined by those of the vibrations to which it is subjected, means for connecting said device to a point of said mounting structure which is a null point with respect to vibrations produced by unbalance forces associated with one end of said rotor but is subject to vibrations having characteristics determined by the amount and location of unbalance forces associated with the other end of said rotor, and means for analyzing the characteristics of said current thereby to ascertain the amount and location of the unbalance forces associated with said other end of said rotor.

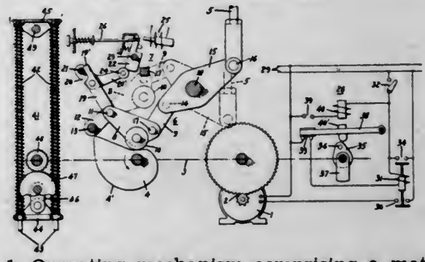
2,131,603

OPERATING MECHANISM

Carl Thumim, Lansdowne, Pa., assignor to General Electric Company, a corporation of New York

Application April 30, 1937, Serial No. 139,903

9 Claims. (Cl. 192—139)



1. Operating mechanism comprising a motor, a rotatable cam driven thereby, means adapted to be actuated from one position to another position by said cam, said cam at the initiation of said operation being in a preferred predetermined position with respect to said actuated means, means for deenergizing said motor upon completion of said cam operation, and centering means for restoring said cam to said initial predetermined position upon over-travel thereof.

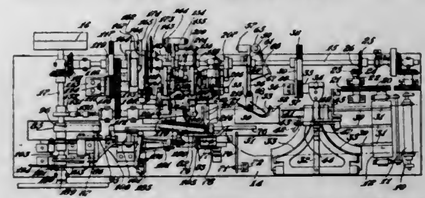
2,131,604

CONE WINDING MACHINE

Ethil Tonelli, Fall River, Mass., assignor to The Pairpoint Corporation, New Bedford, Mass., a corporation of Massachusetts

Application July 27, 1937, Serial No. 155,893

4 Claims. (Cl. 93—79)



1. In a cone winding machine the combination of a web feeding mechanism, a severing and trimming unit for severing a blank from the leading end of the web and trimming the blank, a gripper unit including gripper jaws by which the leading end of the web is clamped during the severing and trimming operation, a mandrel on which the blank is formed into a cone, means for causing said gripper jaws to present the finished blank to the mandrel, a presser plate for holding the blank to the mandrel, means for securing the blank in position on the mandrel, means for rotating the mandrel and blank, brush means for wiping the blank about the mandrel as it is rotated, and means for stripping the formed cone from the mandrel.

2,131,605

PROTECTIVE APPARATUS

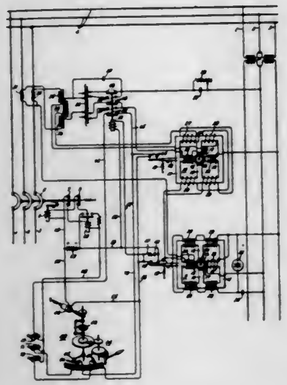
Oliver C. Traver, Drexel Hill, Pa., assignor to General Electric Company, a corporation of New York

Application December 15, 1936, Serial No. 115,970

17 Claims. (Cl. 175—294)

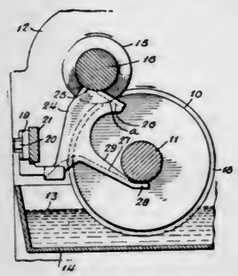
1. In combination, an alternating current circuit, means for interrupting said circuit, and

means for controlling the operation of said circuit interrupting means including a distance responsive relay device having a plurality of cooperating windings, means for energizing one of said windings in accordance with a current of the circuit and another of said windings in accord-



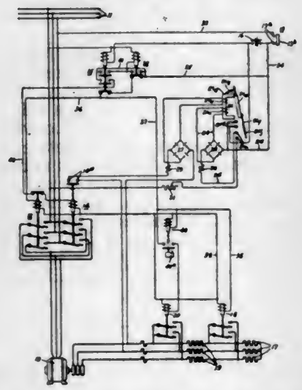
ance with the difference between a voltage of the circuit at a given point and a voltage which is substantially equivalent to the reactive voltage of the circuit for a fault at that remote point of the circuit for which operation of the relay device is desired.

2,131,606
ADHESIVE APPLYING MEANS
George W. von Hofe, Bound Brook, N. J., assignor to New Jersey Machine Corporation, Hoboken, N. J., a corporation of New Jersey
Application February 6, 1937, Serial No. 124,373
6 Claims. (Cl. 91—50)



1. The combination of an adhesive distributing roll having a cylindrical adhesive distributing surface, an adhesive applying roll having a cylindrical adhesive applying surface in receiving relation to the adhesive distributing surface of said distributing roll and arranged to apply coatings of adhesive to predetermined elements, and a unitary device for maintaining said rolls in a predetermined condition of operative efficiency, said unitary device consisting of upright members located respectively in spaced surface parallelism with the opposite end faces of said rolls, a connecting bar extending between said upright members in parallel relation to the axes of said rolls, upper scraper blades extending from said upright members into scraping engagement with the end faces of said rolls, and lower scraper blades projecting from said upright members into scraping engagement with the end faces of distributing roll and extending both over and underneath the trunnions of said distributing roll, said scraper blades being arranged to automatically remove adhesive unintentionally present on said end faces.

2,131,607
CONTROL SYSTEM
Allan J. Wade, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application December 15, 1937, Serial No. 179,887
11 Claims. (Cl. 172—179)

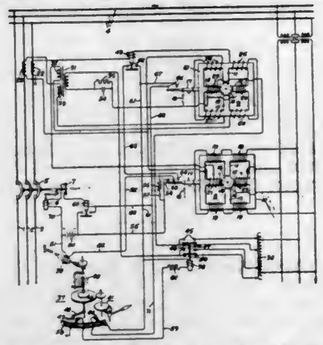


11. A control system for an alternating current motor having a primary winding and a secondary winding comprising a forward contactor and a reverse contactor, means for actuating said forward contactor to connect said primary winding to a source for rotation in the forward direction, a stop control switch for actuating said forward contactor to disconnect said primary winding from said source and for actuating said reverse contactor to establish reverse power braking connections for said motor, and means for actuating said reverse contactor to interrupt said connections comprising an electroresponsive relay having an actuating coil and a pair of normally open contacts in parallel with said stop control switch, auxiliary interlock contacts actuated by said reversing contactors for connecting said coil to said secondary winding so that said device closes said normally open contacts when said braking connections are established and opens said contacts at a predetermined motor speed, and rectifying means included in the connections between said coil and said secondary winding for eliminating frequency effects from the voltage supplied to said coil.

2,131,608
PROTECTIVE APPARATUS
Albert R. van C. Warrington, Springfield, Pa., assignor to General Electric Corporation, a corporation of New York
Application August 5, 1937, Serial No. 157,530
11 Claims. (Cl. 175—294)

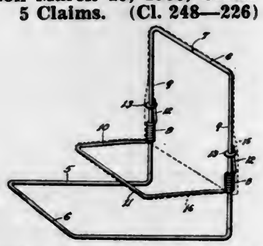
1. In combination an alternating current circuit, an electroresponsive device comprising a winding, means for energizing said winding in accordance with a voltage derived from said circuit, the resistance and the inductive and capacitive reactances of the circuit including said

winding being proportioned to provide a substantially critically damped predetermined power



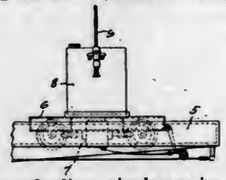
factor circuit at the frequency of said alternating current circuit.

2,131,609
PILLOW REST
Samuel Alexander, Hartford, Conn.
Application March 19, 1936, Serial No. 69,657
5 Claims. (Cl. 248—226)



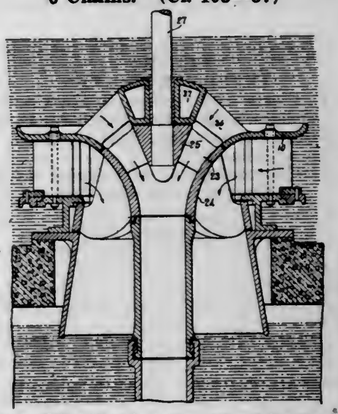
5. A support comprising a frame having parallel upright members, a U-shaped member slidable on said upright members; the said U-shaped member comprising a unitary wire structure formed to provide sleeves surrounding portions of said upright members, extensions on said sleeves, and separate means slidable on said extensions and upright members for securing said extensions to said upright members to retain the said U-shaped member in clamped position thereon.

2,131,610
AIRPLANE REFUELING SYSTEM
Kurt Arndt, Detroit, Mich.
Application February 10, 1934, Serial No. 710,628
1 Claim. (Cl. 244—137)



Means for refueling airplanes in flight from a mother ship having a runway lengthwise thereof and said airplanes having pick-up mechanism, a car adapted for travel on said runway, motive means for propelling said car along said runway, means on said car enabling it to carry a loaded container of airplane fuel, control means for said motive means and including an electric eye tethered a predetermined distance from said ship for controlling the time and speeds of the motive means with the eye active to signal the beginning of the motive means cycle and with such eye activity controlled by the position of the airplane to thereby cause said car with the container to be accelerated to its maximum speed along said runway concurrently with the arrival of the plane at such point along said runway to permit the pick up mechanism on said airplane to co-operate with said container to transfer the container from the car to the plane before the car reaches the end of the runway and while the speed of the car has its nearest approach to the airplane speed.

2,131,611
TURBINE PUMP
George A. Biggs, Springfield, Ohio, assignor to The James Leffel and Company, Springfield, Ohio, a corporation of Ohio
Application May 22, 1937, Serial No. 144,148
6 Claims. (Cl. 103—87)

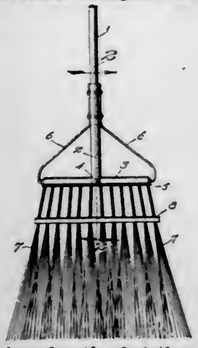


6. In combination in a combined hydraulic turbine and hydraulic pump, a gate casing comprising an upper ring and a lower ring, adjustable gates therebetween, a draft tube associated with the lower gate ring, a hollow hub runner wall associated with an extension of the upper gate ring, a stationary tube for pumped fluid connected to and in extension of said hollow hub arranged concentrically of said draft tube, turbine runner blades on said hub in the space between it and the gate rings and draft tube, pumping blades on the inside of said hollow hub whereby the fluid flowing over the turbine blades is controlled by said gates while the fluid flowing over the pumping blades is uncontrolled in amount and is pumped through the pipe concentric with the draft tube below the hollow hub.

2,131,612
LAWN BROOM
George Campbell, Prescott, Ark., assignor of fifty-one percent to Jewel White, Prescott, Ark.
Application May 27, 1937, Serial No. 145,135
2 Claims. (Cl. 15—198)

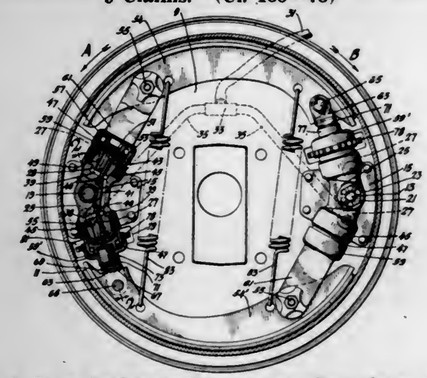
1. A broom comprising a handle, a bar of inverted U-form in cross section, a bar of U-form in cross section fitting within the first bar and having openings along the length thereof, a ferrule secured to the handle and having the bars secured thereto, brace means for the bars and disposed between the latter and the ferrule, bristles formed from strands of relatively stiff resilient wire arranged in groups extending through

the openings and looped upon themselves, with the looped portions clamped between the bars,



and a spacer bar for the bristles with the latter depending therefrom in outwardly flared tuft formation.

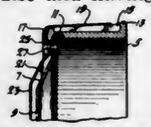
2,131,613
INTERNAL BRAKE
Theron P. Chase and George E. Martin, Detroit, Mich., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application November 25, 1933, Serial No. 699,640
9 Claims. (Cl. 188—78)



1. In a brake, a drum, an anchor plate, two equally dimensioned shoes, a single anchor means between each pair of adjacent ends of said shoes, articulating links pivoted to symmetrically opposite ends of said shoes and engaging the adjacent anchor means, means whereby the other ends of said shoes may anchor directly on said anchoring means, movable means cooperating with a part of said anchor means to constitute applying means between both pairs of adjacent ends of the shoes whereby both shoes are self-actuating for either direction of drum rotation; whereby the pressure of the shoes is balanced; and whereby also the torque reaction on the supporting structure is balanced.

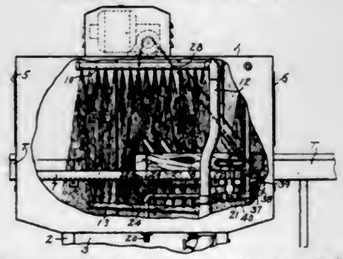
2,131,614
BRAKE DRUM
Theron P. Chase, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application May 26, 1937, Serial No. 144,798
5 Claims. (Cl. 188—218)

1. A brake drum having a braking annulus and an attaching disc secured thereto, said annulus having axial ribs, and a cup-shaped stamping having a base positioned to form a space between said base and disc and having an annular wall



overlying said ribs whereby the space between the base and the disc is in communication with the spaces between the ribs and the overlying annular wall.

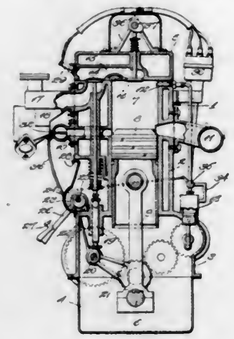
2,131,615
DISHWASHING MACHINE
Russell Chico, New York, N. Y., and George R. Porter and George Webb, West Hartford, Conn., assignors to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn., a corporation of Connecticut
Application December 28, 1935, Serial No. 56,454
15 Claims. (Cl. 141—9)



1. The combination in a washing machine, of a casing having supply and discharge openings and adapted to permit movement of articles to be cleansed along a path extending between said openings, means within the casing for directing a cleansing medium against said articles during movement thereof along a portion of said path, means within the casing and spaced from the first said means for directing a treating medium different from said cleansing medium against said articles, and means for automatically moving the articles along said path and through the effective zone of said cleansing medium at a predetermined speed and through the effective zone of said other treating medium at a different speed and which said means is operatively dependent upon the position of the articles along said path for changing the speed of movement thereof.

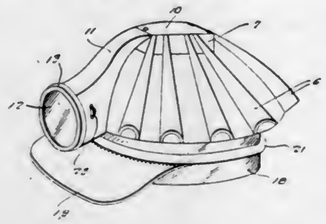
2,131,616
ENGINE
Anton E. Christenson, Rye, Colo.
Application January 19, 1937, Serial No. 121,360
1 Claim. (Cl. 123—21)

In an engine, a cylinder having a combustion chamber and exhaust ports in said cylinder, a piston operating in said cylinder and controlling said exhaust ports, a crank shaft, means connecting said piston to said crank shaft, means for operating said engine on a two stroke cycle Diesel principle including an air valve for admitting air to said combustion chamber of said cylinder, solid fuel supply injection means including a fuel chamber and control valve connected in said fuel supply for cooperation with said piston controlled exhaust ports, a four stroke cycle means connected to said cylinder whereby optional operation of the engine on a four stroke cycle principle may be had, said four stroke cycle means including an auxiliary combustion chamber connected to the combustion chamber of said cylinder, ignition means for said auxiliary combustion chamber, a valve for opening and closing said auxiliary combustion chamber to the combustion chamber of the cylinder to decrease or increase the compression ratio in said cylinder, intake and exhaust valves for said auxiliary combustion chamber, a gaseous fuel supply leading to said intake valve, a cam means driven by said crank shaft for actuating the intake and exhaust valves, a frame pivoted on said engine and movably sup-



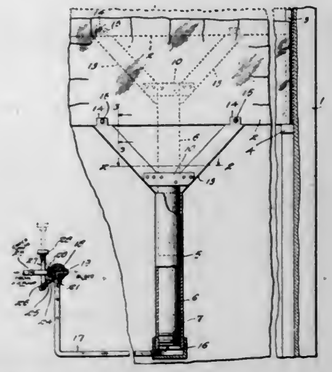
porting said cam means to permit positioning thereof for the operation of said intake and exhaust valves when the engine is to operate on the four stroke cycle, and for non-operation of the intake and exhaust valves when the engine is to operate on the two stroke cycle Diesel principle, an eccentric means supporting and moving said frame into its different positions, means connecting said air valve to said eccentric means, means for connecting said fuel control valve to said eccentric means, and a hand lever for actuating said eccentric means.

2,131,617
MINER'S HEADGEAR
Henry Charlie Cowden, Cromona, Ky., assignor of one-fourth to George Walter Earles, Kingsport, Tenn.
Application April 20, 1937, Serial No. 138,058
1 Claim. (Cl. 2—3)



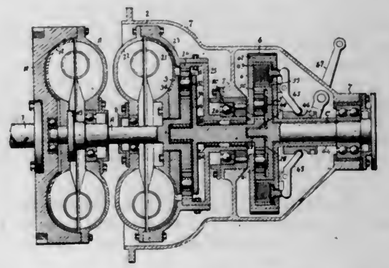
A safety headgear comprising a dome-shaped structure provided with a raised utility containing pocketed structure at its top portion, a plurality of hollow flute structures extending downwardly from the pocketed structure and terminating adjacent the lower edge of the dome-shaped structure and being open at their lower ends, said dome-shaped structure provided with slits therein communicating the interiors of the flutes with the interior of the dome-shaped structure to promote ventilation.

2,131,618
PNEUMATIC WINDOW OPERATING DEVICE
Mario Dinco, Melvindale, Ernest Komjathy, Detroit, and Charles S. Komjathy, Inkster, Mich.
Application August 9, 1937, Serial No. 158,204
1 Claim. (Cl. 268—125)



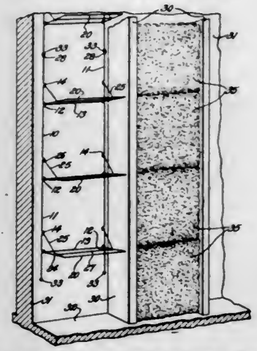
A pneumatic device for raising and lowering a slidably mounted transparent closure panel of a vehicle window, and comprising a cylinder, a piston slidably mounted in said cylinder and having a reduced upper end extending through the cylinder, a block secured to the reduced upper end and having reduced opposite ends, arms secured to the reduced opposite ends of the block and diverging therefrom, ears formed on the outer ends of the arms and fixed to the panel with the latter resting upon the arms, means for conveying compressed air to the cylinder below the piston, and means for controlling the passage of air through the conveying means to introduce air in the cylinder to raise and hold the panel in raised position, and to exhaust the air from the cylinder to allow the panel to lower by the action of gravity.

2,131,619
AUTOMATIC POWER TRANSMISSION
William A. Duffield, Montreal, Quebec, Canada, assignor to Juno Corporation Limited, Montreal, Quebec, Canada, a corporation
Application January 7, 1935, Serial No. 709
7 Claims. (Cl. 74—293)



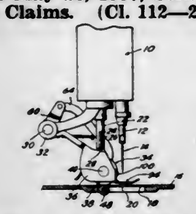
1. In an automatic power transmission, a fluid coupling of the Fottinger type, means to transmit power through a train of reduction gear to a tail shaft and also directly from the gear to the driver of the coupling, and means coupled to the runner including a one-way brake adapted to cut out the reduction gear.

2,131,620
INSULATING STRUCTURE
John J. Garrison, Wellesley, and Stephen Shuko, Boston, Mass.; said Shuko assignor to said Garrison
Application June 10, 1937, Serial No. 147,470
5 Claims. (Cl. 20—4)



2. In an insulating structure for buildings wherein the wall of the building is insulated by a layer of insulating material, in combination, a main frame adapted to be secured to the wall of a building, a skeleton shelf including a pair of arms pivotally connected to said frame, each of said arms having a recess and a U-shaped support having its ends pivotally connected to said frame, said support normally engaging said recesses and having a portion connecting said arms and serving as an element of said shelf.

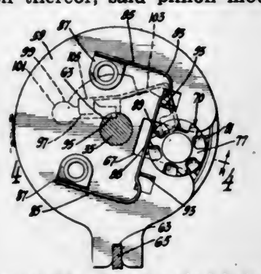
2,131,621
SEWING MACHINE
Peter P. Greicius, Chicago, Ill.
Application May 26, 1937, Serial No. 144,956
6 Claims. (Cl. 112—214)



1. In a sewing machine, the combination with a rock shaft and stitch forming mechanism, of a feed roll for intermittently moving work in timed relation with the stitch forming mechanism, means connected with the rock shaft and the feed roll for supporting the latter, and an operating connection between the rock shaft and the feed roll for imparting intermittent motion to the latter.

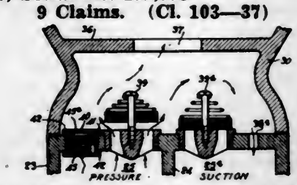
2,131,622
ODOMETER RESET MECHANISM
Ralph O. Helgeby, Flint, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application August 29, 1935, Serial No. 38,365
6 Claims. (Cl. 235—144)

1. A quick reset device for counting mechanism including a first wheel and a series of other wheels, said wheels having internal teeth, a pinion having external teeth located between adjacent wheels, means to mount said pinion for radial movement to and from engagement with the wheel teeth, yielding means to bias said teeth into cooperative relation, and quick reset means whereby all the other wheels shall be picked up and rotated jointly with the first wheel during one rotation thereof, said pinion mounting be-



ing a non-rotatable plate located between adjacent wheels and having an opening therein, said pinion being slidable in said opening, and said yielding means being secured to said plate and engaging and yieldingly pressing said pinion outwardly.

2,131,623
PUMP
Anthony G. Horvath, Dayton, Ohio, assignor to The Dayton Pump & Mfg. Co., Dayton, Ohio, a corporation of Ohio
Original application November 17, 1936, Serial No. 111,265. Divided and this application July 9, 1937, Serial No. 152,795
9 Claims. (Cl. 103—37)



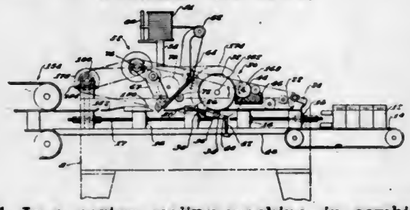
1. In a pump having an air chamber and a pumping chamber adapted to supply fluid thereto through a discharge valve, means for varying the delivery inversely with the pressure in said air chamber comprising reciprocating diaphragm means connecting said air chamber to said pumping chamber.

2,131,624
PEN OR PENCIL HOLDER
Alfred Ray Johnson, Clarkston, Wash.
Application March 12, 1938, Serial No. 195,616
3 Claims. (Cl. 24—11)



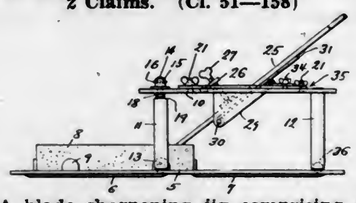
2. A pen or pencil holder of the class described comprising a bar including an offset portion having an opening therein, an arm on the offset portion extending adjacent said offset portion, said arm having a slot therein, a lever pivotally mounted, at an intermediate point, on the free end portion of the arm, one end portion of said lever being operable in the slot, a prong on said one end portion of the lever operable in the opening in the bar and engageable with a pocket for positively securing the bar thereto, a handle on the other end of the lever, and a spring on said handle engaged with the bar for yieldingly urging the lever toward operative position.

2,131,625
CARTON SEALING MACHINE
William A. Joplin, Wollaston, Mass., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass., a corporation of Massachusetts
Application April 21, 1937, Serial No. 138,209
9 Claims. (Cl. 93—6)



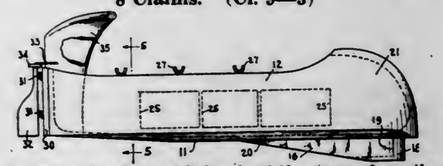
1. In a carton sealing machine, in combination, carton supporting mechanism, mechanism for folding down the top flaps of the carton, cutting means for forming an individual tearing strip from a roll supply thereof and means for introducing the individual tearing strip thus formed between some of said top flaps with an end thereof projecting beyond the carton.

2,131,626
SHARPENING JIG
Raymond L. Keith, De Land, Fla.
Application August 6, 1937, Serial No. 157,794
2 Claims. (Cl. 51—158)



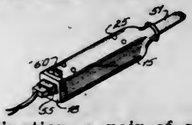
1. A blade sharpening jig comprising a base plate provided in the top surface thereof with pairs of opposed, endless elongated grooves, means on said base plate for engaging and securing an abrasive block in position on the base plate, a carriage including a plate, supporting legs for the plate, and anti-friction means on the lower ends of the supporting legs engaging in said grooves for controlling the direction of movement of said carriage relative to said plate and the abrasive element thereon, and a blade holding and clamping device mounted on the plate of said carriage, said blade holding and clamping device including an apertured plate mounted on the carriage plate and provided at one end of said aperture with an upwardly directed flange, a clamping screw threaded through an opening in said flange, said apertured plate also having flanges depending therefrom at opposite sides of the aperture, a blade supporting member pivoted at one end between said flanges, interengaging means on said apertured plate and said blade supporting member for securing the latter at the desired position of angular adjustment, said blade supporting member and said clamping screw cooperating to clamp a blade to be sharpened therebetween.

2,131,627
BOAT CONSTRUCTION
Reinhold Kinte, Brooklyn, N. Y.
Application July 27, 1937, Serial No. 156,020
8 Claims. (Cl. 9—3)



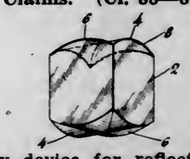
1. A relatively small boat of the type described such as a lifeboat comprising a hull having a bottom, sides and a hooded bow, a plurality of projecting keel-like elements attached to the bottom of the bow, and hollow, gas-filled and gas-tight element substantially fixedly mounted, in essentially upright position, near the stern portion of the boat projecting above the sides thereof, said element being streamlined whereby the wind resistance presented by the element to wind directed to the side thereof is of a materially greater order of magnitude than the resistance presented to wind directed to the front face thereof.

2,131,628
ELECTRIC VIBRATING MECHANISM
Everard F. Kohl, Cleveland, Ohio, assignor to Selco Products, Inc., Cleveland, Ohio, a corporation of Ohio
Application April 2, 1936, Serial No. 72,384
10 Claims. (Cl. 132—74)



1. In combination, a pair of spaced members one of which is provided with means for connecting therewith a tool to be operated, means pivotally connecting said one member for movement relative to the other member, and an electric motor positioned between said members and having an operating connection for driving the relatively movable member.

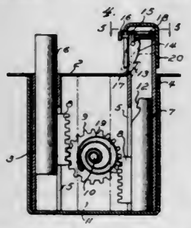
2,131,629
REFLECTOR
John L. Koubek, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application January 24, 1936, Serial No. 60,566
2 Claims. (Cl. 88—82)



1. A unitary device for reflecting light rays comprising, a block of transparent material having a first face formed by the intersection of two cylinders which cross each other at an angle, the axes of the two cylinders being parallel to

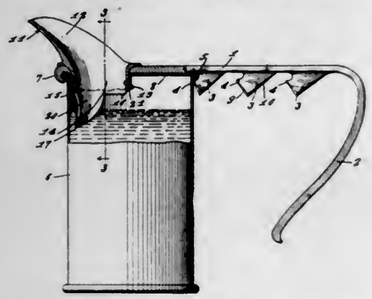
the center lines of the block, and a second face opposite the first formed by the intersection of two cylinders which cross each other at an angle, the axes of the cylinders which form the second face being parallel to the axes of the cylinders which form the first face, the portions of the first face being spaced from corresponding portions of the second face a distance such that light rays parallel to the axis of the device and passing through the surface of the first face are focused on the second face.

2,131,630
DOOR STOP
Ignatius Kreitler, River Aux Vases, Mo.
Application August 9, 1937, Serial No. 158,179
4 Claims. (Cl. 292—164)



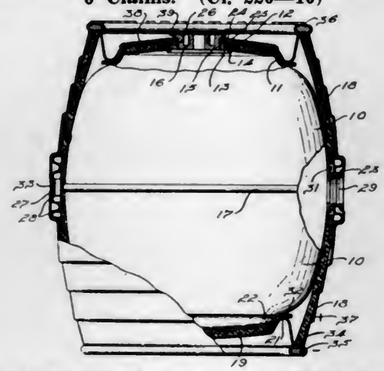
1. A door stop comprising means to be fixed in the path of a door, a slidably mounted spring pressed bolt associated with the fixed means and for disposal into and out of said path, means slidably mounted and connected to said bolt for movement therewith in unison, releasable means normally holding the slidably mounted means against movement and the bolt out of said path, means included in the holding means to be engaged by said door for releasing the slidably mounted means for disposing the bolt in said path for cooperation with the fixed means for holding the door between the bolt and the fixed means.

2,131,631
KITCHEN IMPLEMENT
John W. Lackstrom and Philip Sheridan Kavanaugh, Springfield, Mass.
Application May 11, 1936, Serial No. 79,122
4 Claims. (Cl. 221—23)



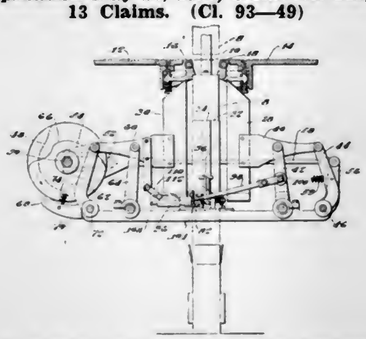
1. An implement for use in opening cans comprising, a shank having a handle at one end thereof, a downturned hook-shaped claw at the other end thereof opening rearwardly, and a series of hook-shaped claws on its under side spaced apart lengthwise of the shank and opening forwardly, and a pouring spout extending through said shank intermediate said first claw and said series of claws, the spacing of the claws of said series relative to the first claw being in approximate correspondence with the outside diameters of beads of cans of different sizes, respectively.

2,131,632
BARREL
Bertil T. Lindell, Detroit, Mich., assignor to The Murray Corporation of America, a corporation of Delaware
Application November 6, 1933, Serial No. 696,751
6 Claims. (Cl. 220—10)



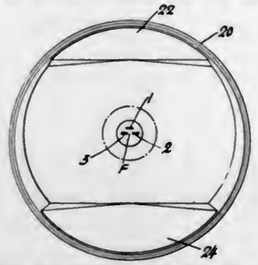
1. A barrel having an inner container portion provided with reversely curved shoulder portions and an outer reinforcing portion having pressed-in chime portions providing surfaces which are congruent to the surface on the inner container portion, and an insulating material rigidly maintained between said two surfaces for supporting said inner element against lateral and longitudinal movement.

2,131,633
CARTON LINING MACHINE
Arthur W. Lindholm, East Milton, Mass., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass., a corporation of Massachusetts
Application May 20, 1937, Serial No. 143,747
13 Claims. (Cl. 93—49)



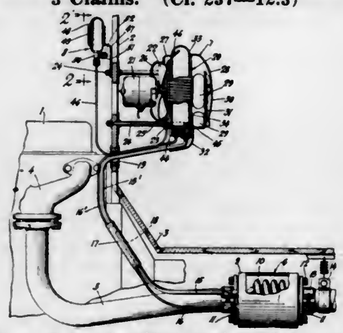
1. In a carton lining machine, in combination, a lining block, means for folding two sides of a lining blank against the block with end and bottom flap forming portions of the lining extending beyond the ends of the block, said bottom flap forming portions each being provided with a pair of slits forming a tab therebetween, a pair of successively operating folding members for each end of the block for folding the end flaps, means engaging said tabs for holding out each bottom tab until the end flaps are folded, and means for thereafter folding the bottom tabs upon the previously folded end flaps.

2,131,634
AUTOMOBILE HEAD LAMP
Clarence A. Michel and John L. Koubek, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application September 20, 1935, Serial No. 41,343
11 Claims. (Cl. 240—41.25)



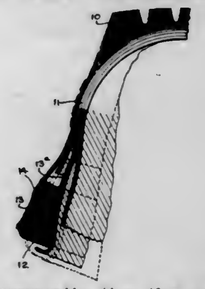
11. A headlamp comprising light projecting means including a concave light concentrating reflector and a glass closure, said light projecting means having upper, lower and intermediate zones, the rays of light from the sides of the intermediate zone being but slightly affected by shifting from one source adjacent the focus to a source displaced slightly laterally therefrom while the rays from the top and bottom zones and from the center of the intermediate zone are shifted sharply to one side, said top and bottom zones and the center of the intermediate zone being provided with symmetrical flutes spreading light on both sides of the lamp axis while the sides of the intermediate zone are provided with asymmetrical flutes having their high sides toward the lamp axis and arranged to concentrate light along the lamp axis, said headlamp being provided with independently operable light sources adjacent the focus and spaced laterally so that upon shifting from one to the other the beam is shifted in a lateral direction.

2,131,635
STEAM HEATER FOR AUTOMOBILES
Raymond F. Mullen, Rochester, N. Y., assignor to General Motors Corporation, Rochester, N. Y., a corporation of Delaware
Application March 7, 1934, Serial No. 714,365
3 Claims. (Cl. 237—12.3)



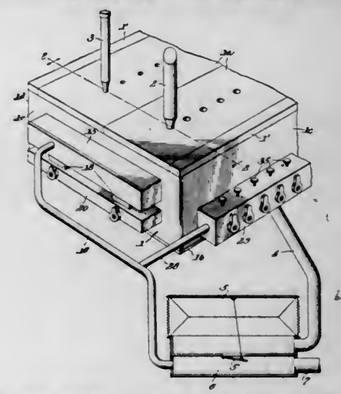
1. In a steam heating system for motor vehicles, a pressure control and safety valve assembly mounted in the engine compartment and comprising a pressure control chamber adapted to normally prevent the generation of excessive pressure in said system, a fitting on said chamber with a terminal to provide for a detachable connection to the heating system to place the chamber in communication therewith, and an outlet in said fitting which is normally closed by a fusible plug.

2,131,636
TIRE CONSTRUCTION
Arthur H. Nellen, Merion, Pa., assignor to Lee Rubber & Tire Corporation, Conshohocken, Pa., a corporation of New York
Application February 25, 1938, Serial No. 192,453
7 Claims. (Cl. 152—362)



1. In a pneumatic tire the carcass body of which is composed of laminated cord fabric plies terminating at opposite sides thereof in circumferentially extending beads, a separate cord fabric strip incorporated in the said bead region of the tire and extending upwardly therefrom to a point in the side wall of the tire located above the rim flange line thereof, said strip being fabricated of cords having a twist of not less than 19—9, a gauge not exceeding 0.032 inch and a maximum elongation of 11 percent subsequent to the application of a two pound load thereto when tested bone dry, said cords being arranged in a single plane, spaced parallel relation with the number thereof per inch being such that the ratio of cord to open space between cords measured linearly across the several cords at right angles thereto is not less than two to one.

2,131,637
PNEUMATIC ORGAN
Charles S. Norburn, Asheville, N. C.
Application June 29, 1936, Serial No. 88,005
19 Claims. (Cl. 84—338)



1. In an organ, the combination with an air chest adapted to be maintained under pressure, and means defining a pipe passage, of valve means for controlling the flow of air from said

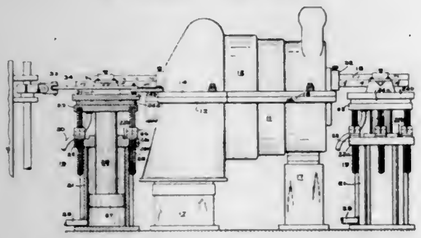
chest into said pipe passage; said valve means including a rectangular bar having a recess in one face thereof, a strip of wind-tight material extending in unstressed condition over the recessed face and along the adjacent edges of the bar, the edges of said strip being secured to said bar, and means for introducing into the recess of said bar air under pressure in excess of that within the organ chest.

2,131,638

LAPPING MACHINE AND METHOD

George P. Passmore, Drexel Hill, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application January 30, 1937, Serial No. 123,088
Renewed March 9, 1938
11 Claims. (Cl. 51—26)



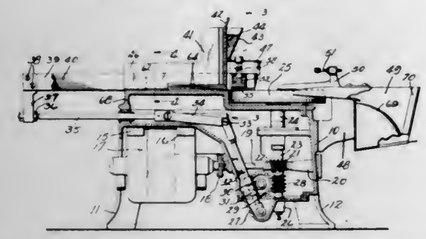
1. In a machine for lapping mating surfaces of first and second machine parts, stationary structure adapted to carry said first part, reciprocatory structure adapted to carry said second part, slide bearings between said structure and providing for relative translatory movements thereof, means providing for adjustment of the mating surfaces of the machine parts suitably to lapping requirements, and means for imparting translatory reciprocating movements to the reciprocatory structure.

2,131,639

MEANS FOR POLISHING SPACEBANDS

Arthur A. Rock, deceased, late of Wauwatosa, Wis., by Monica Rock, executrix, Wauwatosa, Wis.

Application August 19, 1936, Serial No. 96,710
3 Claims. (Cl. 51—110)



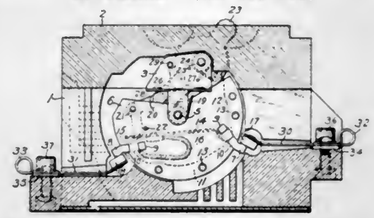
2. In a device of the class described a pair of feed bars slideable in housings therefor, a pair of lugs on said feed bars adapted to impinge against the lowermost of a stack of space-bands, a magazine between said housings for retention of said space-bands, rotating means for polishing said space-bands, and a source of power for reciprocating said feed bars and rotating said polishing means whereby said space-bands will be exposed successively to said polishing means.

2,131,640

AUTOMATIC CIRCUIT BREAKER

Joseph Sachs, West Hartford, Conn., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn., a corporation of Connecticut

Application January 8, 1934, Serial No. 705,700
62 Claims. (Cl. 200—88)



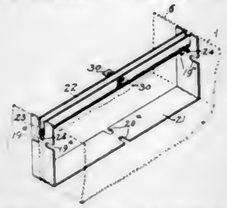
1. In a device of the class described, the combination of a contact and a support therefor, a second contact normally engaging the first contact with a predetermined pressure, one of the said contacts being movable to disengage and engage the other and being biased for disengaging movement, means additional to the said contacts and the said support for normally retaining the said movable contact in engaging position which retaining means is normally dependent for its effectiveness upon the avoidance of a predetermined change from the said normal pressure between the contacts and is adapted in and of itself to automatically release the said movable contact solely as the result of the said predetermined change, and means additional to the said contacts acting upon the said second contact separately from the retaining means to effect the said predetermined change from the said normal pressure between the contacts and serving by reason of the said pressure change to cause the said retaining means to become ineffective, the said additional means being entirely separate from and independent of the first said contact and any parts in non-separable relationship therewith.

2,131,641

ELECTRIC METER SERVICE INSTALLATION

Joseph Sachs, West Hartford, Conn., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn., a corporation of Connecticut

Application October 24, 1935, Serial No. 46,517
9 Claims. (Cl. 247—2)



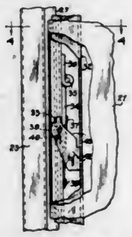
1. An electric meter service installation comprising in combination, a channel-shaped trough adapted for enclosing at least two spaced meter service appliances, means for closing the trough at the sides thereof, at least two independently openable front covers for the trough, a removable cross member extending transversely of the trough and located behind the adjacent edges of two adjacent covers to seal the joint between them, and means independent of the covers for normally holding the cross member against forward removal, the said means permitting the cross member to be disengaged therefrom and removed from said trough upon being turned about its own axis.

2,131,642

LOCKER CONSTRUCTION AND LATCH MECHANISM

Joseph F. Schaefer, Cleveland Heights, Ohio, assignor to The Interior Steel Equipment Company, Cleveland, Ohio, a corporation of Ohio

Application January 14, 1936, Serial No. 59,079
3 Claims. (Cl. 292—49)



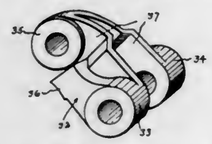
1. In a casing having a sheet metal door and jamb, the combination of a jamb edge provided with a longitudinal bend forming an inwardly projecting flange, said flange being provided with two bends parallel with the first-mentioned bend one of which forms a portion extending parallel with the plane of the door when closed and which acts as a stop for the door, the other of said bends providing a portion which projects from the first-mentioned portion into said casing, a door edge of channel form and provided with portions that are parallel with and complementary to the said portions of said flange, a channel bar slidable in the channelled edge of the door, said second-mentioned portion of said flange having openings therein to receive latch members, a plurality of latch members mounted for oscillatory movement in the channelled edge of the door and each having a projection to enter one of said openings to retain the door in closed position, and said bar serving as a cover for said latch members and having cam members thereon which extend toward the edge of the door and cooperate with said latch members to withdraw said projections from said openings and thereby unlatch the door by a longitudinal movement of said bar.

2,131,643

EXTRA CASING JAW FOR DRILL PIPE TONGS

Malcolm E. Self, Eunice, N. Mex.

Application December 18, 1936, Serial No. 116,561
1 Claim. (Cl. 81—66)



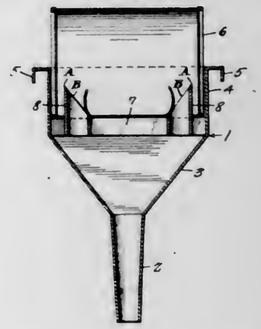
An extra casing jaw for insertion between a pair of normally adjacent pivotally connected clamping elements of a drill pipe tong, comprising a structurally integral unit having spaced parallel wall portions, said wall portions converging at one end thereof and merging into a single wall portion arranged centrally between said parallel wall portions, a laterally extending boss formed at the other end of each parallel wall portion to form an eye at each end thereof, said eyes being provided with coaxial bores, a laterally extending boss formed on each side of said single wall portion and provided with an axial bore therethrough to define a single eye, said unit having a clamping portion, said clamping portion comprising parallelly extending reinforcing walls in spaced relation to said parallel wall portions, each of said reinforcing walls being structurally integral with and forming an extension of a lateral boss on said parallel wall portions, and an arcuate clamping member extending transversely beneath said wall portions and joining the bottoms of said parallel reinforcing walls adjacent their end edges.

2,131,644

OIL CAN OPENER

John W. Sherrell, Roswell, N. Mex.

Application January 24, 1938, Serial No. 186,721
3 Claims. (Cl. 221—23)



1. An opener comprising a funnel including a spout and a flared portion, said flared portion having its walls extended to form a substantially rectangular shaped container receiving portion adapted to receive a container disposed upon its side, spaced bars integral with opposite walls of the container receiving portion, and tubular penetrating elements carried by the spaced bars and having ends beveled to form combined penetrating points and cutting edges to sever a side wall of a container as it is placed in the container receiving portion.

2,131,645

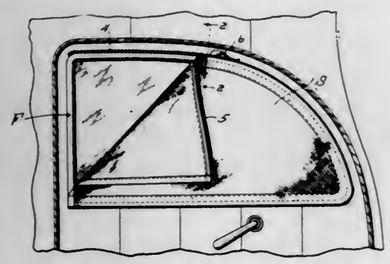
METHOD OF DRYING

Thomas K. Sherwood, Wellesley, Mass., and Louis E. Garono, Buffalo, N. Y., assignors to Research Corporation, New York, N. Y., a corporation of New York

No Drawing. Application August 26, 1935, Serial No. 37,936
7 Claims. (Cl. 149—6)

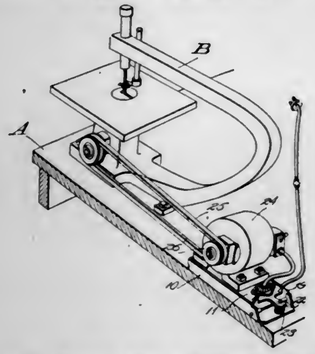
1. The process of drying wet porous masses having solutes therein which comprises covering a surface of the mass with a water slurry of a capillary-active substance which is insoluble in water, thereby depositing a relatively thin adherent coating of said substance on the surface of said mass, maintaining the substances and the mass in close contact, and drying both the mass and the substance by evaporation of water from the surface of the coating of substance, whereby excess solutes leave the mass and concentrate in the coating of substance.

2,131,646
WINDOW SHADE
Senora C. Smith, Hamburg, Pa.
Application May 20, 1937, Serial No. 143,787
1 Claim. (Cl. 156—10)



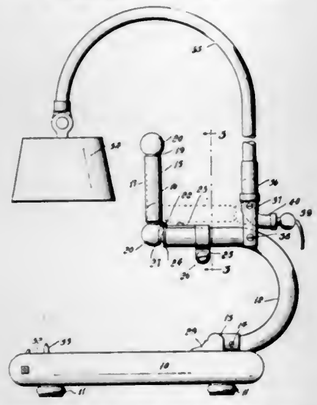
In combination with a frame for an automobile window, a relatively narrow flexible strip secured to and extending along the inner faces of three sides of said frame and freely extending across and beyond the outer edge faces of said sides of the frame, a shade member, interengaging locking devices carried by the projecting edge of said strip and three sides of said shade, and a slider for said locking devices movable from an upper locked position to a lower released position whereby a predetermined fragmentary portion of said shade may be folded downwardly to released and opened position.

2,131,647
PORTABLE BASE
Warren Charles Strege, Madison, Minn.
Application October 4, 1937, Serial No. 167,319
1 Claim. (Cl. 248—19)



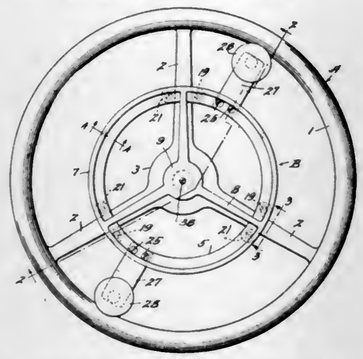
A base of the kind described comprising a lower foundation section provided with a bottom, sides, one end wall and an opposite open end, an upper supporting section for fitting within said foundation section and having a top, sides, one end wall and an opposite open end, lugs projecting from the sides of the upper supporting section at its open end and engageable in clearances in the end wall of the foundation section, and a hand-releasable latch fitted with the foundation section and engageable with the upper supporting section at two points thereof for the retention of the lugs in the clearances and holding the said sections separably interfitted with each other, the end walls of the said sections being in closing relation to the opposite open ends thereof when the sections are interfitted with each other.

2,131,648
TELEPHONE REST
John J. Spissell, New York, N. Y.
Application July 1, 1937, Serial No. 151,523
4 Claims. (Cl. 248—121)



2. A structure of the class described having a base adapted to support a telephone or the like, a bracket rising from the base, an article holder supported by the bracket and disposed over the base, means urging said holder to a projected position, said holder being displaceable under the weight of a part of the telephone, said holder having curled ends forming clasps to secure an article against the holder, rods extending into the clasps, and enlargements on the rods functioning to prevent accidental detachment of said part.

2,131,649
HORN SIGNALING AND STEERING WHEEL SPINNING DEVICE
Julius M. Turnage, Richmond, Va.
Application July 10, 1937, Serial No. 153,035
8 Claims. (Cl. 74—484)

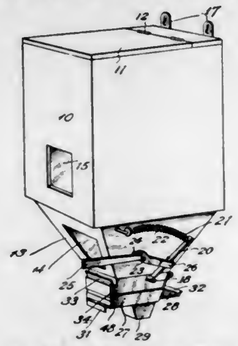


1. A device for operating the depressible switch button on a vehicle steering wheel comprising a supporting ring adapted to be mounted on the spokes of said steering wheel, means for rigidly securing the ring to said spokes, and a ring structure connected to and resiliently spaced above said supporting ring and having means adapted to contact the button, whereby pressure applied to said structure at any point will effect operation of said switch and sounding of the horn.

2,131,650
FRUIT WHIP AND PROCESS FOR THE PREPARATION THEREOF
Byron H. Webb, Washington, D. C., assignor to Secretary of Agriculture of the United States of America
No Drawing. Application April 16, 1937, Serial No. 137,284
2 Claims. (Cl. 99—100)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A new product consisting of a mixture of a concentrated form of soluble milk serum, crushed fruit, and flavoring materials, in which the milk serum solids range from 6 to 14 percent, and which is capable of producing a stable whip.

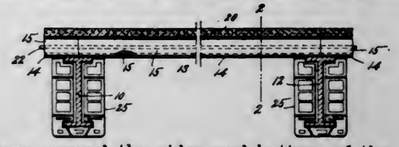
2,131,651
DISPENSING DEVICE
Jack Woo, Port Alice, British Columbia, Canada
Application November 22, 1937, Serial No. 175,931
4 Claims. (Cl. 221—146)



1. A device of the kind described comprising a hopper, a discharge mouth built in said hopper, a gate swingingly supported within the mouth, an arm swinging said gate, a guide saddled by said arm, a spring carried by the guide and active upon the arm to hold the gate under tension and closed, a hand lever swingably supported exteriorly of the hopper and acting upon the arm to move the same against the spring, a funnel carrier fitted with said mouth of the hopper, a slide in the carrier, and a funnel depending from said slide and movable to opening and closing positions with relation to said mouth.

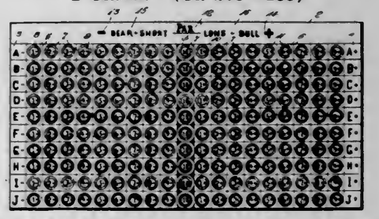
2,131,652
COMPOSITE FLOOR FOR BUILDINGS AND LIKE STRUCTURES
James Howard Young, Pittsburgh, Pa., assignor to H. H. Robertson Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application February 19, 1936, Serial No. 64,689
1 Claim. (Cl. 72—70)

In a fire proof building structure, in combination, two steel floor supporting members spaced apart and a unitary composite concrete and metal floor operatively supported upon said steel supporting members, said floor comprising a lower steel sheet forming a substantially flat ceiling member and supported directly upon the metallic supporting members, a corrugated upper steel sheet welded to the lower steel sheet to form therewith a load carrying member having a plurality of spaced apart and longitudinally extended cells forming hollow load supporting beams and also potential wire distributing raceways, a slab of concrete filling the open corrugations in said upper steel sheets and extended sufficiently above the top of said raceways as to afford required fire proofing therefor, and fire proofing



means around the sides and bottom of the said metal floor supporting members whereby the metal floor supporting members are efficiently fire proofed by the concrete slab and said fire proofing means.

2,131,653
GAME AND APPARATUS THEREFOR
Harry Amsterdam, Falls Church, Va.
Application October 21, 1937, Serial No. 170,286
1 Claim. (Cl. 273—135)

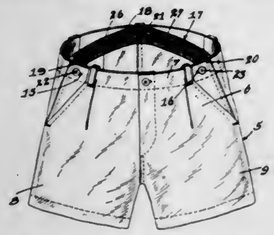


Game apparatus comprising a master card, a plurality of player's cards, said cards being each provided with horizontal rows of spaces having therein scoring symbols, the symbols of each row being clearly distinguishable from the symbols of other rows and arranged in horizontally extending groups of progressively different values, the values of one group being accompanied by plus signs and representing increasing values and those of a second group being accompanied by minus signs and representing decreasing values, one symbol of each row being located between the groups of the said row and being of a higher value than the symbols of either group and constituting par value, a plurality of sets of identifying tokens, the tokens of each set bearing identification symbols companion to the symbols of one row of spaces of a card, said tokens being of a size adapting them to be deposited upon the spaces of a player's card bearing Par markings, order slips each provided with a scoring line adapting it to be divided into sections, each section of an order slip having thereon identifying symbols corresponding to the symbols of the tokens and also having spaces opposite the symbols to receive notations relating to transactions in the game, and a plurality of sets of chips, the chips of each set bearing symbols corresponding to the symbols in the spaces of one row of spaces of a card.

2,131,654
GARMENT
Abram K. Baer, Baltimore, Md., assignor to The Strouse-Baer Company, Baltimore, Md.
Application August 27, 1937, Serial No. 161,333
1 Claim. (Cl. 2—237)

A garment including a body portion formed at its top with a waist band, said waste band at each end of its front portion and centrally of its back portion being provided with a button hole; a continuous one-piece band elastic from

end to end arranged to oppose the major portion of the inner face of the waist band, said elastic band having its end terminal portions reverted against its outer side to form folds for reinforcing the ends of such band, a button secured to the elastic band and positioned against the outer surface of and cushioned by each reverted end terminal portion and a button secured to the transverse median of the outer side of and cushioned by the elastic band whereby the latter will be provided, between the bends of the folds with an uninterrupted surface on its inner side, said but-



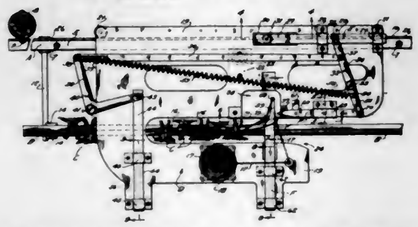
tons coacting with said button holes for detachably connecting the elastic band to the waist band, and said elastic band when formed with the reverted end terminal portions and connected to the waist band having its length less than the combined length of the back and side portions of the waist band disposed between the front button holes whereby the elastic band, when the garment is worn, will be longitudinally stretched for holding the garment in position on the wearer and will bear on the inner faces of the said back and side portions.

2,131,655
SLAB MOLDING FRAME
Edwin D. Coddington, Douglaston, Long Island, N. Y., assignor to Reynolds Corporation, New York, N. Y., a corporation of Delaware
Application February 24, 1936, Serial No. 65,480
1 Claim. (Cl. 25—41)



A slab molding frame comprising a horizontal table composed of a plurality of united channel irons having downturned flanges, vertically disposed angle irons connected to the flanges skirting the edge of the table and providing a support for the table, a plurality of vertical wall sections associated with the top of the table and defining therewith a flat open-top form, one of said wall sections being displaceable with reference to the form, said displaceable wall section being provided with an undercut portion upon its molding face, a rotatable shaft extending lengthwise of and beneath the table intermediate its lateral edges, bell cranks fastened to the shaft, one of the arms of the bell cranks being connected to the displaceable wall and the other of the arms of the bell crank being weighted, a notch upon one side of the table adapted to snugly seat a corner of the displaceable wall section, and a crank connected to the shaft for swinging the displaceable wall section away from and below the level of the top of the table.

2,131,656
TOBACCO LOOPING MACHINE
Delbert R. Dinkins, East Bend, N. C., assignor of one-half to Briggs-Shaffner Company, Winston-Salem, N. C., a corporation of North Carolina
Application May 3, 1937, Serial No. 140,553
9 Claims. (Cl. 131—21)



1. In a tobacco looping machine, the combination with a support for tobacco hands, of a loop forming mechanism mounted in cooperative relation to said support, and means for effecting a relative feeding movement between the support and the loop forming mechanism and for actuating the latter, said loop forming mechanism comprising a reciprocatory needle and a reciprocatory spreader movable in a horizontal plane above the support and in planes at right angles to each other.

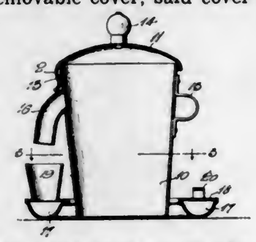
2,131,657
LEAD PENCIL, LEAD THEREFOR, AND PROCESS OF MAKING THE SAME
Monie A. Ferst, Atlanta, Ga., assignor to M. A. Ferst, Ltd., Atlanta, Ga., a corporation of Georgia
Application December 4, 1936, Serial No. 114,291
6 Claims. (Cl. 120—83)



5. A pencil lead formed at its longitudinal surface with closely adjacent irregular eminences and depressions; a plurality of said depressions interconnecting.

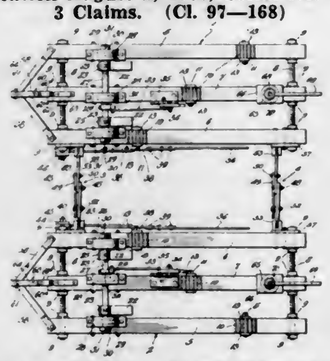
2,131,658
COOKING UTENSIL
Benjamin Gilowitz, New York, N. Y., assignor of one-fourth to Charles M. Wolf and one-eighth to Albert Friedberg, both of New York, N. Y.
Application May 12, 1937, Serial No. 142,299
2 Claims. (Cl. 53—1)

1. A cooking utensil having a downwardly curved boil-over spout, and an annular receptacle surrounding the lower end of said utensil and having a removable cover, said cover being pro-



vided with an upstanding funnel-like liquid inlet under said boil-over spout.

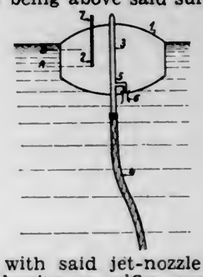
2,131,659
CULTIVATOR
William R. Hardy, Austin, Tex.
Application August 2, 1937, Serial No. 157,026
3 Claims. (Cl. 97—168)



1. In a cultivator, a frame having longitudinally extending beams spaced transversely from each other, rods extending transversely of said beams through openings formed therein, securing members carried by said rod and engaging said beams to secure the beams in adjusted position and permit transverse adjustment of the beams along the rods, blade carriers extending downwardly from said beams, bearings carried by said beams, rollers rotatably mounted in said bearings, a shaft extending through the rollers and the bearings and rotatably mounted by the rollers, arms extending downwardly from said shaft and having their lower ends provided with ground-engaging members, a lever arm carried by said shaft, and a latch lever carried by one beam and connected with the lever arm whereby said shaft may be rotatably adjusted to swing its arm vertically and adjust the position of the ground-engaging members relative to the ground and blades carried by the lower ends of the blade carriers.

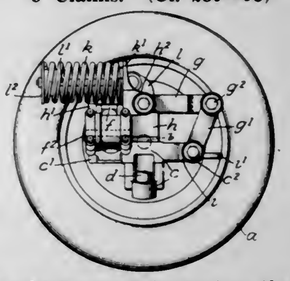
2,131,660
WATER-JET APPARATUS
Leon Heidmann, Paris, France, assignor to Forges & Ateliers de Constructions Electriques de Jeumont, Societe Anonyme, Paris, France, a French joint-stock company
Application September 22, 1937, Serial No. 165,211
In France September 29, 1936
3 Claims. (Cl. 299—2)

1. In water-jet apparatus of the character described, means for controlling the flotation of the apparatus, comprising a jet-nozzle, a hollow body adapted to support said jet-nozzle at the surface of a sheet of water, means for supplying water under pressure to said jet-nozzle, an air pipe entering said hollow body, the outer end of said air pipe being above said surface when said



body floats with said jet-nozzle upwards, said hollow body having an orifice opening below said surface when said body floats with said jet-nozzle upwards, and means for driving water out of said body by the operation of said water-jet.

2,131,661
VEHICLE SUSPENSION DEVICE
Charles Heyermans and George Urban Leonard Sartoris, London, England
Application July 23, 1936, Serial No. 92,236
In Great Britain December 19, 1935
5 Claims. (Cl. 280—95)

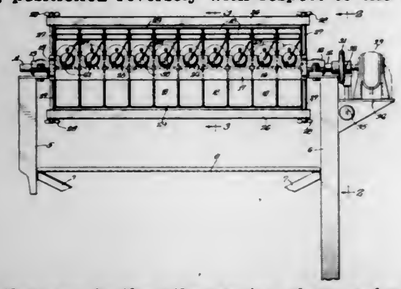


1. In a vehicle suspension system, the combination of a rotatable wheel, a movable journal member for said wheel, a support in fixed relation to the vehicle, pairs of folding links hinged together and also to said journal member and said support, the hinge-axes of each pair of said links being substantially parallel and the hinge-axes of the respective pairs being materially angularly disposed relative to one another, a crank arm moving with one of said links, a rod connected to said crank arm, a spring, an abutment for one end of said spring, and means on said rod for compressing said spring against said abutment by movement of said rod connected to said moving crank arm.

2,131,662
APPARATUS FOR CONDITIONING AND DISPENSING LACQUERS, ENAMELS, AND THE LIKE
Edward D. Holmes, Chicago, Ill., assignor to Sherwin-Williams Company, Cleveland, Ohio, a corporation of Ohio
Application March 7, 1938, Serial No. 194,385
6 Claims. (Cl. 259—57)

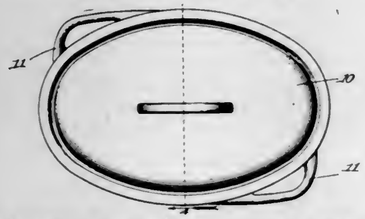
1. In an apparatus of the character described, the combination of a rotatable frame including a horizontally disposed, central plate and a side plate along each longitudinal edge of said central plate and extending beyond each face of said

central plate to provide a pair of oppositely disposed holders, each adapted to receive a series of paint cans, the tops of the cans in one series being positioned reversely with respect to the tops



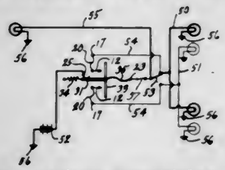
of the cans in the other series, closures for the tops of the cans for both series, means for locking said cans and closures in said holders, and means for rotating said frame to simultaneously condition the contents of all of said cans.

2,131,663
ROASTER
Ambrose P. Hughes, Chicago, Ill.
Application February 21, 1938, Serial No. 191,756
3 Claims. (Cl. 53—6)



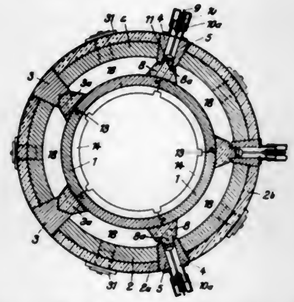
1. A roasting pan of general oval shape having handles at its sides adjacent opposite ends of the pan.

2,131,664
VEHICLE LIGHTING SYSTEM
John Johansen, Pactola, S. Dak.
Original application April 29, 1936, Serial No. 77,025. Divided and this application February 17, 1937, Serial No. 126,271
5 Claims. (Cl. 171—97)



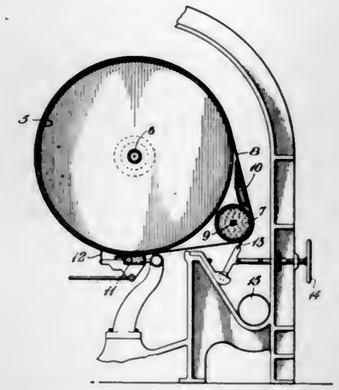
5. A lighting system comprising a main and an auxiliary lighting circuit, a source of current, a switch selectively connecting the source of current to either of said lighting circuits, a main fuse interposed between the source of current and the switch, a normally disconnected fused conductor between the source of current and the main lighting circuit, a normally disconnected fused conductor between the source of current and the auxiliary lighting circuit, means automatically connecting said fused conductors between the source of current and their respective lighting circuits upon melting of the main fuse and an additional circuit tapping the source of current between the main fuse and the switch.

2,131,665
ROTARY MUFFLE FURNACE
Paul Jordan, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y., a corporation of New York
Application June 9, 1937, Serial No. 147,332
In Germany June 10, 1936
15 Claims. (Cl. 263—34)



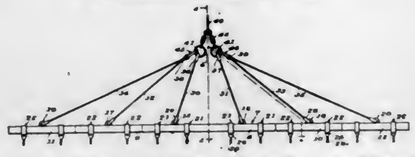
1. Rotary muffle furnace comprising a muffle to receive the material to be treated and a shell carrying said muffle, said furnace being heated during rotation by fire ducts disposed between the muffle and the shell, and radially yielding parts associated with said shell and muffle for directly connecting said muffle to said shell.

2,131,666
APPARATUS FOR DEHYDRATING VISCOUS MATERIALS
Shirley A. McDougall, Indianapolis, Ind., assignor to Dextora Company, Indianapolis, Ind., a corporation of Indiana
Application April 6, 1937, Serial No. 135,318
4 Claims. (Cl. 159—7)



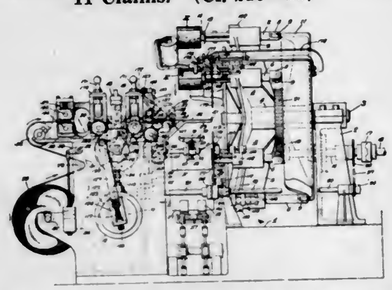
1. In apparatus for dehydrating viscous fluids, a main heating drum, a cooling cylinder mounted adjacent said drum, an additional cooling compartment mounted adjacent said cooling cylinder, an endless conveyor belt trained over said drum and cylinder to which the fluid is caused to adhere during treatment, means for introducing a heating agent into said drum to expedite the drying action on the fluid, means for introducing a cooling agent into said cylinder and compartment to cool the dehydrated material, and means for removing the material after cooling.

2,131,667
DRAFT EQUALIZER
Roy L. Noble, Sac City, Iowa
Application May 24, 1937, Serial No. 144,518
4 Claims. (Cl. 55—84)



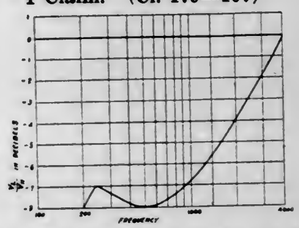
1. In a draft equalizer, a lengthwise adjustable draw bar formed of a central section and a set of outer sections extending from each end of the central section, the sections of each of said sets being of like length, said central section being of greater length than the other sections, the sections of said sets having coupling means extending laterally from the inner ends thereof for detachably connecting all of the sections of said bar together and for supporting them in endwise alignment, the coupling means of an outer section of the bar interengaging with an inner section, a forwardly directed eye disposed centrally of each section of each set, a pair of spaced forwardly directed eyes disposed on said central section and equally spaced from the transverse median and ends of such section, a pair of pull members attached to the eyes of said central section, a pull member attached to the eyes of each of the sections of each set, a pair of spaced rings, each having a pull member of said central section attached thereto, means for detachably connecting the forward ends of the pull members of a set to one of said rings, a skeleton clevis having a reduced portion, a link chain having one of its links mounted in said reduced portion, a ring being attached to an end of the chain, and the means for detachably connecting the pull members of a set to a ring being detachably connected to the latter.

2,131,668
PACKAGE WRAPPING MACHINE
Philip D. Parsons, Swarthmore, Pa., assignor to Scott Paper Company, Chester, Pa., a corporation of Pennsylvania
Application July 1, 1937, Serial No. 151,539
11 Claims. (Cl. 216—25)



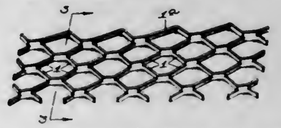
1. In a machine for applying dry wrappers to cylindrical rolls, the combination with a rotary conveyer for said roll, of means located in the rotary path of said roll on the conveyer for initially engaging the wrapper with the roll and comprising elements operative to turn the opposite end portions of the wrapper partially around the roll, a pair of members rotating on fixed axes in synchronism with the movement of the conveyer and with each other and arranged respectively at opposite sides of said path, and an arm movable with each of said members adapted respectively to engage the free ends of said wrapper as they respectively leave said elements and to lay said ends against the roll in overlapping relation, said arms being resiliently connected with the respective members and being movable with respect thereto in the planes of their rotation to thereby permit the outer ends of the arms to move in conformity with the contour of the roll.

2,131,669
SOUND REPRODUCING APPARATUS
Alexander Poliakoff, London, England
Application May 31, 1935, Serial No. 24,445
In Great Britain June 4, 1934
1 Claim. (Cl. 179—107)



Sound reproducing apparatus for deaf aid amplification and communication in noisy surroundings, comprising two similar head telephone receivers one for each ear and arranged in different circuits, one receiver having a uniform frequency response of low, middle and high frequency components and means for altering the frequency response in the second receiver to cause the low and middle frequency components to be reduced to an extent that they do not mask the high frequency component of said second receiver.

2,131,670
EXPANDED METAL LATH
Edward T. Redding and Arthur V. Spinosa, Parkersburg, W. Va., assignors to Penn Metal Company, Inc., Parkersburg, W. Va., a corporation of Delaware
Application February 20, 1937, Serial No. 126,924
3 Claims. (Cl. 72—117)

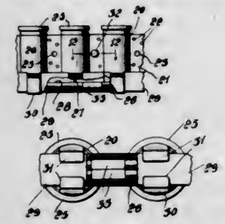


1. An improved metal lath of the deployed diamond type wherein the effective thickness of the lath sheet is determined by the width of the metal strands defining the diamond apertures, said lath being characterized by substantial uniformity of strand and selvage width and having throughout a substantially uniform effective sheet thickness.

2,131,671
ILLUMINATED DISPLAY SIGN
George F. Reed, Pittsburgh, Pa., assignor to Myrtle M. Reed, Pittsburgh, Pa.
Application June 3, 1937, Serial No. 146,273
5 Claims. (Cl. 40—130)

1. In an illuminated display sign of the character described, a bendable flexible strip, a series of bulb sockets carried by the strip for the reception of bulbs, electric conductor wires leading to

the bulb sockets including wires extending longitudinally by the strip at one side thereof, and an



insulation sheath of U-shape in cross-section inclosing the conductor wires and the flexible strip.

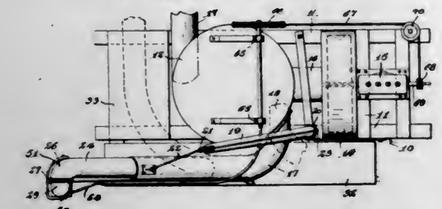
2,131,672

BERRY AND FRUIT PICKING APPARATUS

John A. Rich, Prairie du Sac, Wis.

Application August 6, 1936, Serial No. 94,671

15 Claims. (Cl. 56—328)



1. In a suction picking apparatus for fruit and the like, an ambulant conveyance, a collector thereon, a collector pipe opening thereinto, rotatable derrick means upon the conveyance for supporting the collector pipe, a rotatably adjustable picker head upon the collector pipe, control means for adjusting the rotatable head, means for receiving fruit from the collector, and suction means connected with the collector and collector pipes.

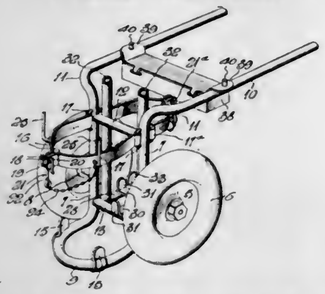
2,131,673

TANK-CARRYING TRUCK

Eugene O. Robinson, Hutchinson, Kans.

Application June 30, 1937, Serial No. 151,262

7 Claims. (Cl. 280—53)



1. A tank carrying truck comprising two laterally spaced axially alined supporting wheels, two vertical standards at the inner sides of said wheels and supported thereby, a horizontal U-shaped tank support in front of said standards, the ends of said U-shaped support being rigidly joined to the lower ends of said standards, means for holding the tank in place upon said support, and two handles rigidly joined to and projecting rearwardly at substantially right angles from the upper ends of said standards, said upper ends of said standards being curved outwardly over said wheels to space said handles apart sufficiently to admit a man without the necessity of spacing said standards to the same extent, said handles projecting rearwardly to such an extent and being disposed at such an elevation as to allow the man to walk erectly between the handles with his arms fully lowered at his sides while gripping said handles and moving the truck.

2,131,674

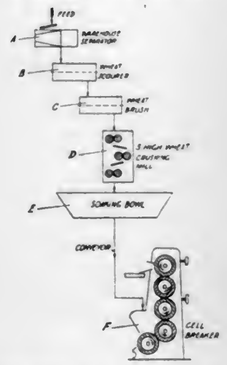
PROCESS FOR THE REDUCTION OF GRAIN AND ITS SUBSEQUENT CONVERSION INTO BREAD OR LIKE PRODUCT

Schachna Maurice Salomon and Sune Busch, London, England, assignors to Sunbred Limited, London, England, a British company

Application January 15, 1936, Serial No. 59,296

In Great Britain February 11, 1935

4 Claims. (Cl. 83—42)



1. Process for the production of a cereal substance including aleurone cells which comprises the steps of firstly partially milling the cereal substance to reduce the same to a product of substantially powdered form capable of absorbing liquid upon simple soaking which contains the cells in a substantially unreduced form soaking the partially milled product for a period of time sufficient to soften and swell said cells and finally subjecting the soaked and softened product to combined compression and attrition by causing the same to pass between pairs of smooth rollers rotating at differing speeds said rollers being forced together with a pressure sufficient to squeeze and rub said product into a thin film and to break down the walls of the softened cells by the action of the pressure applied during such squeezing and rubbing.

2,131,675

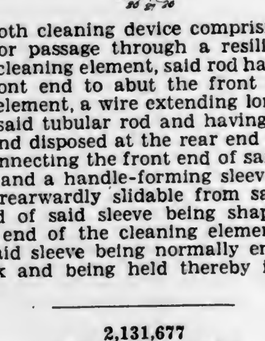
TABLE STRUCTURE

Robert E. Schieber, Detroit, Mich.

Application November 19, 1936, Serial No. 111,562

12 Claims. (Cl. 311—18)

1. In a folding table construction or the like, a supporting member, a table or the like including a pair of top sections pivotally connected together for movement into a common plane with their edges in abutment, means connecting one of the sections to said support for swinging movement from a horizontal position into a vertical position, a supporting leg pivotally secured to the other section, floor engaging rolling means carried by said leg, and means for positively



swinging said leg toward the plane of the other section as the sections are folded together.

2,131,676

TOOTH CLEANING DEVICE

Charles H. Seifert, Hempstead, N. Y.

Application July 12, 1937, Serial No. 153,266

3 Claims. (Cl. 15—210)

1. A tooth cleaning device comprising a tubular rod for passage through a resiliently compressible cleaning element, said rod having a head on its front end to abut the front end of the cleaning element, a wire extending longitudinally through said tubular rod and having a hook on its rear end disposed at the rear end of said rod, means connecting the front end of said wire with said rod, and a handle-forming sleeve surrounding and rearwardly slidable from said rod, the front end of said sleeve being shaped to abut the rear end of the cleaning element, the rear end of said sleeve being normally engaged with said hook and being held thereby in operative position.

2,131,677

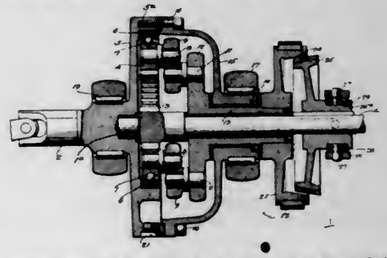
REVERSING GEAR

John S. Sharpe, Haverford, Pa.

Application February 20, 1937, Serial No. 126,922

9 Claims. (Cl. 74—298)

1. In a reversing gear unit, the combination with coaxial rotary driving and driven members constituting the input and output terminal elements of said unit respectively, of a pinion fixed concentrically to one of said members, an annular gear meshing internally with said pinion and journaled on and eccentrically to the other of said members, means for immobilizing said annular gear with respect to the pinion whereby said gear and pinion may be caused to rotate as a unit, means for preventing movement of said annular gear with respect to its own axis while permitting movement of said gear in an orbital



path determined by the eccentricity of said journal whereby said pinion may be caused to move the gear in said path but in a direction opposite to the direction in which said pinion is rotated, means for selectively actuating said immobilizing and rotation-preventing means whereby said driven member may be caused to rotate in either direction as required, and means for simultaneously rendering said actuating means inoperative.

2,131,678

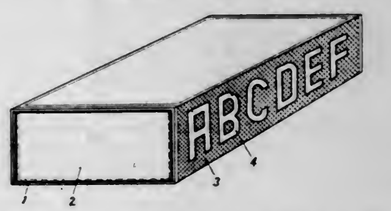
MATCH LIGHTING DEVICE

József Szathmáry, Budapest, Hungary, assignor to Rudolf Schrecker, Budapest, Hungary

Application January 11, 1935, Serial No. 1,430

In Hungary January 12, 1934

2 Claims. (Cl. 44—48)



1. A match lighting device having a surface formed of a coating of friction compound, said surface having an inscription applied thereon in the form of a protective layer, said layer being adapted to be worn away incident to the striking of matches thereon to expose the underlying and unused portion of said coating of friction compound.

2,131,679

SHEDDING MECHANISM

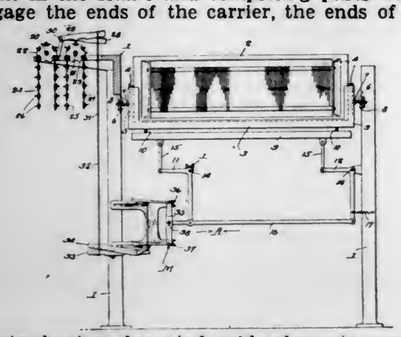
Gus E. Ulrich, Cumberland, Md.

Application April 30, 1937, Serial No. 140,017

2 Claims. (Cl. 139—57)

1. In a device of the class described, a loom frame, a harness, a harness carrier extended beneath and supporting the harness, means for guiding the harness carrier for up and down movement on the frame, a base member located below the carrier, means associated with the base member and with the carrier for securing up and down adjustment of the carrier with respect to the base member, and said means for guiding the carrier for up and down movement comprising guide members having longitudinal adjust-

ment in the frame and comprising parts which engage the ends of the carrier, the ends of the



carrier having elongated guide elements cooperating with the guide members.

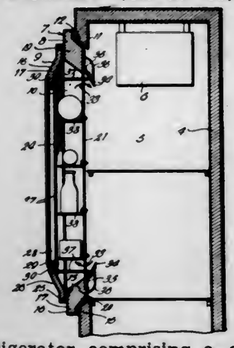
2,131,680

REFRIGERATOR

Victor F. Zahodiakin, Cincinnati, Ohio, assignor to The Crosley Radio Corporation, Cincinnati, Ohio, a corporation of Ohio

Application February 5, 1934, Serial No. 709,703

4 Claims. (Cl. 62—89)



1. A refrigerator comprising a cabinet having cold producing means situated therein which causes a circulation of air therein, a double door assembly hinged for swinging movement relative to said cabinet and comprising an inner and an outer door, said inner door being shaped to provide an auxiliary food compartment and having a non-insulated vertical inner wall with ports therein, said ports providing means to permit air circulation within said auxiliary food compartment from the cabinet, said ports being provided with valves which are normally closed when said outer door is opened, and said outer door being provided with means to open said valves when said outer door is in closed position.

2,131,681

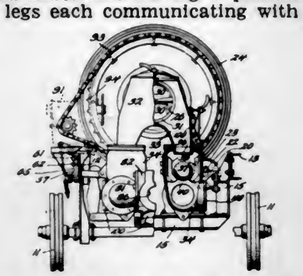
CONCRETE PUMP

Charles F. Ball, Milwaukee, Wis., assignor to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin

Original application August 19, 1931, Serial No. 558,175. Divided and this application June 11, 1934, Serial No. 730,108

2 Claims. (Cl. 83—73)

1. In pumping apparatus for plastic concrete mixtures embodying substantial proportions of coarse aggregates, having a frame, and a plurality of working cylinders mounted thereon, a material receiving and agitating drum mounted on said frame above said cylinders, said drum being rotatable on a horizontal axis and provided with a material outlet opening in one of its end walls; a chest having a horizontal portion communicating with said opening to receive material therefrom, said chest also having a plurality of depending legs each communicating with a cylin-



der; a running seal between said drum and the horizontal portion of said chest; means in said drum arranged to agitate and move the material through said opening into said chest; and valve means arranged to prevent material in the cylinders from flowing back into the legs of said chest.

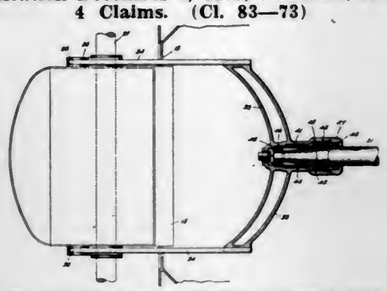
2,131,682

APPARATUS FOR MIXING CONCRETE AND THE LIKE

Charles F. Ball, Wauwatosa, Wis., assignor to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin

Application December 1, 1936, Serial No. 113,691

4 Claims. (Cl. 83—73)



4. In apparatus for mixing concrete and the like, a rotatable receptacle having oppositely disposed openings for ingress and egress of the material; a fixed chute for feeding material through said ingress opening; a reciprocable closure for said egress opening; a shaft for moving said closure, mounted within said receptacle for rotation therewith and for reciprocating movements relative thereto, said shaft terminating short of said ingress opening; a non-rotatable yoke having a hub receiving the end of said shaft; anti-friction bearings between said shaft and hub; means for preventing axial movements of said shaft relative to said hub; spaced arms rigid with said yoke, extending through said ingress opening to either side of said chute; and means for reciprocating said arms.

2,131,683

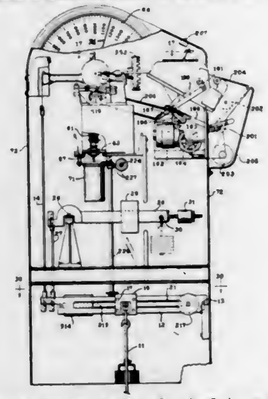
WEIGHING APPARATUS

Olin H. Basquin, Evanston, and Otto P. Haegele, Chicago, Ill., assignors to Streeter-Amet Company, Chicago, Ill., a corporation of Illinois

Application March 16, 1936, Serial No. 69,080

32 Claims. (Cl. 265—5)

1. Weighing apparatus of the character described comprising in combination a weight exhibiting device including a weight responsive member adapted to be moved to a position representing the weight of the load, an element for transmitting the force of the load to be weighed, said element and said load responsive member being movable in substantially parallel lines, a floating lever provided with curved surfaces at the ends thereof formed on arcs of relatively large radii having a common axis close to the center of gravity of said lever, flexible tapes connecting said lever to said element and to said load responsive



device respectively and adapted to wind on and unwind from said respective arcs, said lever being provided with means including a curved surface coaxial with said arcs for causing said lever to roll in a straight line parallel to the line of movement of said load responsive member, said means being substantially closer to the connection of said element than to that of said load responsive member to effect a substantial multiplication of the movement of the latter compared with that of said element, and means connected to said lever for counterbalancing the pull of the load.

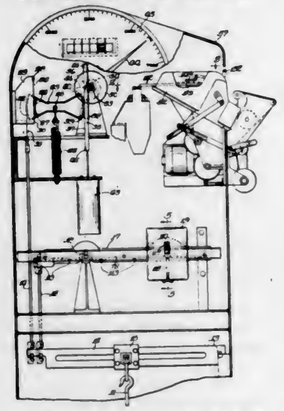
2,131,684

WEIGHING APPARATUS

Otto P. Haegele, Chicago, and Olin H. Basquin, Evanston, Ill., assignors to Streeter-Amet Company, Chicago, Ill., a corporation of Illinois

Application August 7, 1936, Serial No. 94,756

14 Claims. (Cl. 265—6)



1. The combination comprising weighing apparatus having a range of a single decimal unit, capacity weight mechanism for increasing the capacity of said weighing apparatus and adapted to offset loads comprising whole multiples of said decimal unit, printing mechanism including a plurality of fingers for setting the respective digits in said printing mechanism, a weight responsive member movable to a position representing the weight of the excess of the load over that offset by said capacity weight mechanism, mechanism controlled by said weight responsive member setting the fingers corresponding to the digits in the said excess weight, and electrical circuits controlled by said capacity weight mechanism for setting a stop to position one of said fingers for recording the load offset by said capacity weight mechanism.

2,131,685

ALKALI PROCESS FOR RECLAIMING RUBBER WASTE

Ernest Bemelmans, Maastricht, Netherlands, assignor to Usitall Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application April 11, 1936, Serial No. 73,888

2 Claims. (Cl. 18—52)

1. A process of reclaiming rubber waste comprising heating the waste in the presence of a non-aqueous vapor or gas comprising an alkaline rubber swelling agent at a temperature exceeding about 150° C. for a period of time sufficient to render the material plastic.

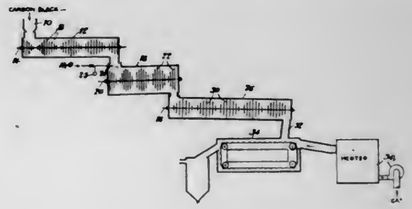
2,131,686

GRANULAR CARBON BLACK AND METHOD FOR MANUFACTURE

George L. Heller and Carl W. Snow, Pampa, Tex., assignors to General Atlas Carbon Company, Dover, Del., a corporation of Delaware

Application May 9, 1936, Serial No. 78,836

5 Claims. (Cl. 134—60)



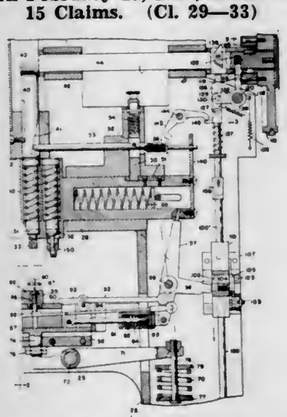
1. The continuous process of treating flocculent carbon black to produce a free-flowing nondusting granular product, which comprises increasing the apparent density of the black to about 12 pounds per cu. ft. by feeding it under mechanical stirring and pressure through a horizontally disposed tubular conveyer, thereafter wetting the dry pre-densed black with approximately 48% by weight of the mixture of water and agitating the wetted mixture to form agglomerate granular nuclei while selectively removing said nuclei from the wetting zone, further agglomerating the nuclei by agitation and gravity classification to produce free-flowing substantially uniform granules, and drying said granules by moving them rapidly through a drying gas atmosphere maintained at a temperature of approximately 400° F.–600° F.

2,131,687
SUCTION HANDLE
Samuel Kaplan, New York, N. Y., assignor to Kastar Specialty Mfg. Co., Inc., New York, N. Y., a corporation of New York
Application July 1, 1937, Serial No. 151,357
2 Claims. (Cl. 294—64)



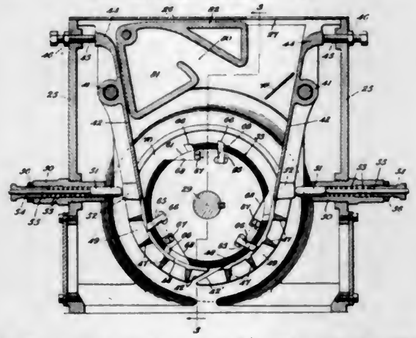
1. An article of the type described comprising an elongated handle member having arcuate end portions, each provided with a slot extending longitudinally of the handle member, and a pair of suction cup members having portions removably secured for adjustment along said slots to vary the positions of angularity thereof with respect to said handle.

2,131,688
RIVETING MACHINE
William E. Marchant, Detroit, Mich.; Frankie Lee Marchant executrix of William E. Marchant, deceased
Application February 19, 1937, Serial No. 126,700
15 Claims. (Cl. 29—33)



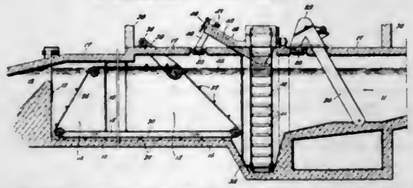
1. In a riveting machine, a frame, operatively aligned anvil and ram portions carried by the frame, one reciprocable toward and from another, work compressing means yieldably projectible from one of said portions toward the other to compress the work before and during upsetting, said compressing means being retractible under the upsetting pressure which urges said members together and being arranged on opposite sides of one of said portions, and work locating means comprising a drifting pin portion centrally projecting from one of said portions toward the other and retractible into the member by which it is carried under the compression pressure.

2,131,689
TRITURATING APPARATUS
William B. Marshall, Milwaukee, Wis., assignor to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin
Application October 16, 1936, Serial No. 106,030
3 Claims. (Cl. 83—6)



1. In triturating apparatus for large sewage solids and the like, a casing; grid members having spaced longitudinal ribs mounted in said casing; and a cutter element journalled in said casing for rotation between said grids, comprising a shaft, a plurality of discs disposed axially thereon, having circumferential grooves aligned with said grid ribs to accommodate the latter, and peripheral recesses, and cutter blades removably held in said recesses in position to enter the spaces between said ribs.

2,131,690
SEDIMENTATION APPARATUS
William B. Marshall, Milwaukee, Wis., assignor to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin
Application March 5, 1937, Serial No. 129,274
2 Claims. (Cl. 210—3)

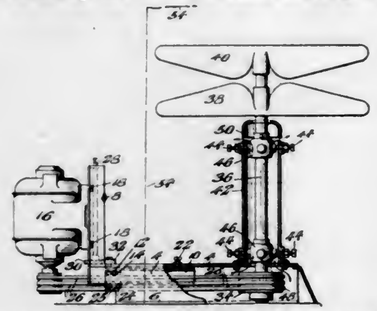


1. Solids removing and treating apparatus for a liquid purification plant having a settling chamber provided with a transverse sump for receiving settled solids, said apparatus comprising a bucket conveyer disposed transversely of said chamber, arranged to enter and continuously collect the solids from all portions of said sump and elevate them to above the level of the liquid in the chamber; a grit washing device fixedly mounted adjacent the chamber arranged to receive the solids from said bucket conveyer; and an endless conveyer arranged to receive and continuously carry the washed grit away from the grit washer.

2,131,691
FAN OR BLOWER CONSTRUCTION
Bertrand A. Parkes and Ralph C. Parkes, Philadelphia, Pa.
Application September 22, 1937, Serial No. 165,097
4 Claims. (Cl. 230—273)

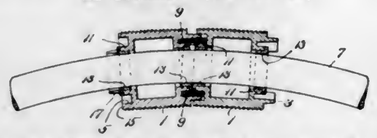
1. A fan or blower construction comprising an

L-shaped bracket, a motor carried by the vertical portion thereof, an elongated hollow housing, means within said housing for supporting the horizontal portion of said L-shaped bracket, there being horizontal slots in said housing, means passing through said slots and engaging said horizontal portion of said bracket for laterally adjustably securing the latter to said housing, means



carried by said housing and acting on said horizontal portion of said bracket for vertically adjusting said motor, a vertical casing at the other end of said housing, a fan shaft disposed within said casing and projecting downwardly into said housing, and driving connections leading from said motor through said housing to the lower end of said shaft for actuating the latter.

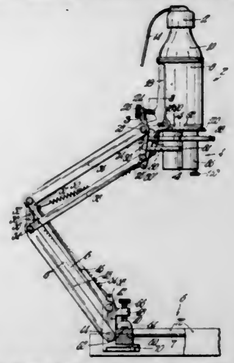
2,131,692
BOWED EXPANDER ROLL
Charles W. Shute, Boston, Mass., assignor to Frederick T. Walsh, doing business as Thomas Leyland Machinery Company, Boston, Mass.
Application February 1, 1937, Serial No. 123,438
11 Claims. (Cl. 26—63)



1. In a bowed cloth expander, in combination, a curved shaft, bobbins rotatably mounted thereon and revolved by the traveling cloth, and means clutching adjacent bobbins together to rotate in unison, said clutching means being constructed to keep from contact with each other all portions of such adjacent bobbins which are in contact with the cloth whereby the cloth is prevented from being pinched between adjacent bobbins.

2,131,693
PROJECTION APPARATUS
Hinsdale Smith, Springfield, Mass., assignor to Hinsdale Smith, Jr., New York, N. Y.
Application March 18, 1937, Serial No. 131,613
4 Claims. (Cl. 88—24)

1. A unitary projection apparatus comprising in combination, an easel, a guide along a face of said easel at one side thereof, a lower support having a part engaging the opposite face of said easel and a guide engaging member associated therewith, an upper bracket, a lamp house on said bracket, parallel link mechanism, and pivotal connections between the link mechanism and said support and bracket, all adapted and arranged whereby the support is guided for movements back and forth in a certain definite path along said one side of the easel and may oscillate in any position along its path of move-



ment and the lamp house may move back and forth in planes parallel to the easel and towards and away from said easel.

2,131,694
COILABLE MEASURING RULE
Austin L. Stowell, New Britain, Conn., assignor to The Stanley Works, New Britain, Conn., a corporation of Connecticut
Application February 15, 1935, Serial No. 6,613
6 Claims. (Cl. 33—138)

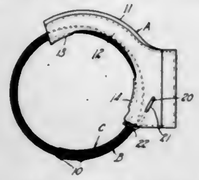


1. In a rule of the character described, a resilient measuring tape having a transverse curvature and an inherent tendency to assume a rectilinear state, a casing having an entrance slot through which said tape is moved, and spring retaining means within said casing for causing the measuring tape to take a coiled form as it is pushed into the casing and for maintaining the coil and comprising a one piece metal insert having a plurality of series of integral flexible spring fingers with the fingers of one series staggered with relation to those of the other series, said fingers substantially surrounding and engaging the external surface of the outside convolution of the coil at circumferentially spaced points and having generally radially movable portions inclined inwardly of the casing in the direction in which the tape is wound into a coil.

2,131,695
INSIDE WIND COILABLE MEASURING RULE
Austin L. Stowell, New Britain, Conn., assignor to The Stanley Works, New Britain, Conn., a corporation of Connecticut
Application May 15, 1935, Serial No. 21,549
12 Claims. (Cl. 33—138)

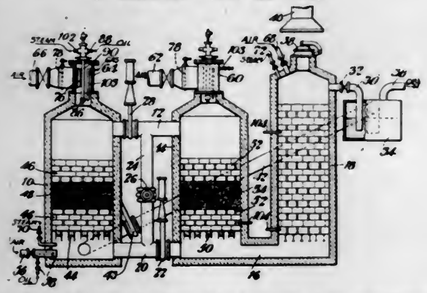
11. In a coilable measuring device of the inside wind type, a resilient ribbon tape of concavo-convex cross section and tending to assume a rectilinear state, a measuring scale on said tape, a holder for receiving and maintaining the tape in

an annular coiled form with each successive convolution within the preceding one, and a rigid casing for the holder in the form of a parti-



circular ring; said casing having a channel peripherally supporting the holder for rotation therein.

2,131,696
GAS MAKING APPARATUS
Morris M. Brandegee, Plainfield, and Charles E. Hemminger, Westfield, N. J., assignors to Combustion Utilities Corporation, New York, N. Y., a corporation of Maine
Original application December 16, 1935, Serial No. 54,704. Divided and this application April 3, 1937, Serial No. 134,720
5 Claims. (Cl. 48—74)



5. In gas generating apparatus, the combination of an upright refractory lined gas generating shell, a bed of small randomly placed ceramic bricks uniformly sized within maximum linear dimensions of two to three inches supported transversely within the generator on a refractory arch and having a depth of one to three feet to form a carbon filtering screen for gases passed vertically through the shell, another refractory lined shell having a like filling of small ceramic bricks disposed transversely therein, valved conduits communicably connecting the base and top of the first shell with the base and top of the second shell, an open gas offtake conduit leading off from the base of the second-named shell, and a combined oil spray and forced draft oil burner unit mounted at the top and in the vertical axis of the first-named generator shell, the burner and spray elements of said unit being mounted in coaxial relation concentrically within an air supply duct, and an air supply inlet ported out tangentially into said duct and having a butterfly damper whereby to control the peripheral velocity of air flow in the duct around the air burner nozzle.

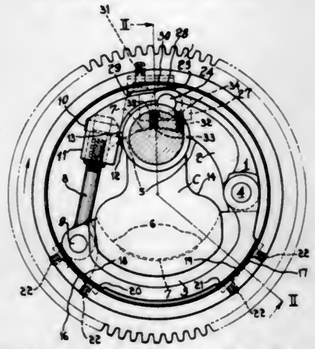
2,131,697
SWEAT BAND
John Cavanagh, East Norwalk, Conn., assignor to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware
Application August 23, 1935, Serial No. 37,546
7 Claims. (Cl. 2—181)

1. A composite sweat band for hats comprising a fabric head band; an absorbent backing member, more rigid than the head band, adapted to support the fabric head band and prevent it from wrinkling; a sizing strip of substantially unyielding material, adapted to prevent the head band



and backing member from stretching; a waterproof barrier member encircling said absorbent backing member; and means for securing said fabric head band, absorbent backing member, sizing strip, and waterproof barrier member together.

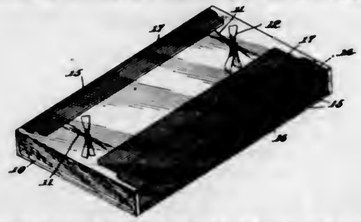
2,131,698
CRANKSHAFT CHUCK
William F. Groene and Walter R. Meyer, Cincinnati, Ohio, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio, a corporation of Delaware
Application October 18, 1937, Serial No. 169,549
8 Claims. (Cl. 82—40)



1. A chucking device for crankshafts comprising, a rotatable work spindle, a chucking ring applicable to a finished locating area on a crankshaft, abutment means on said spindle adapted to engage said chucking ring whereby said chucking ring is driven in properly located position on said spindle, and means on said chucking ring to maintain said crankshaft properly gripped in said chucking ring independent of the driving action of said spindle.

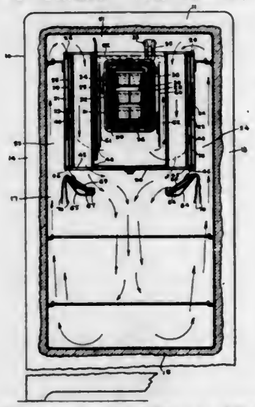
2,131,699
PACKAGE
Eugene W. O'Neill and Harold B. Hoskins, New York, N. Y., assignors to Cannon Mills Company, Kannapolis, N. C.
Application October 22, 1935, Serial No. 46,199
1 Claim. (Cl. 206—57)

Wrapping means for flexible material such as sheets, pillow cases and the like when in folded hexahedral form comprising endless means having a substantially fixed length entirely encircling said material to positively prevent spreading of such flexible material, said endless means being positioned parallel to an axis of said hexahedrally folded material, a cardboard folder having four spaced parallel folds extending transversely of the above mentioned axis, said folds corresponding with edges disposed transversely of said axis on two opposite surfaces of said hexahedrally folded material, said folder extending over three surfaces and only partially over a fourth surface of said hexahedrally folded material thereby exposing two surfaces and a considerable portion of said fourth surface for display purposes, said folder also extending about said material parallel to said above mentioned axis and a transparent cellulosic sheet material covering all surfaces of said hexahedrally folded material whereby a relatively firm and rigid dis-



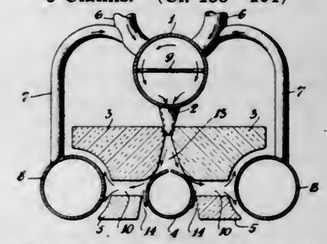
play package is obtained in which said endless means prevents said material from spreading with a consequent spreading of said folder which would burst said cellulosic sheet material and in which said folder prevents pinching of said cellulosic sheet by said endless means and also prevents a sliding of said cellulosic sheet about said folded material while at the same time exposing a substantial portion of said folded material for display purposes.

2,131,700
APPARATUS FOR EFFECTING REFRIGERATION AIR-CONDITIONING
Frank A. Whiteley, Minneapolis, Minn.
Application March 1, 1937, Serial No. 128,377
9 Claims. (Cl. 62—95)



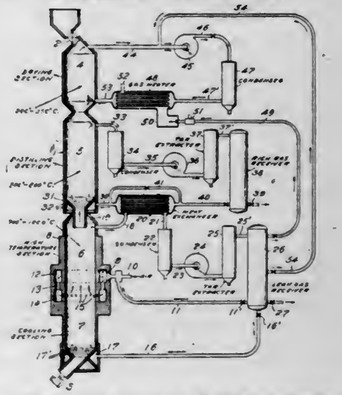
1. A refrigerator embodying a closed chamber, a tank in the upper part of said chamber having its side walls and top spaced from the side walls and top of said chamber, said tank adapted to contain a liquid, and having heat exchanger members positioned to be immersed in such liquid with passageways extending vertically through the tank and opening into the top and towards the bottom of the chamber, a mechanical refrigerating unit positioned to be immersed in the liquid for cooling the same, whereby air in the chamber will be cooled in and flow downward through said passageways and the warmer air in the chamber will flow upwardly along the sides of the tank and to the top and back through the heat exchanger passageways, and means extending into the ascending currents of air for evaporating water thereto.

2,131,701
GAS BURNER
Carl Alexis Achterfeldt, Dusseldorf, Germany
Application December 6, 1937, Serial No. 178,233
In Germany November 16, 1936
5 Claims. (Cl. 158—104)



1. A gas burner for flame welding, comprising a gas mixture pipe, means for supplying a combustible gas to said pipe, a plurality of discharge nozzles in said pipe, adjustable heat resistant elements adjacent said discharge nozzles defining a longitudinal slot, said discharge nozzles adapted to discharge said mixture between said elements, additional heat resisting elements spaced from said first elements and adapted in cooperation with said first elements and a piece of material to be welded to form an accumulating ring, preheating pipes connected to said mixture pipe and discharge channels formed by said heat resistant elements adapted to conduct said gases about said preheating pipes.

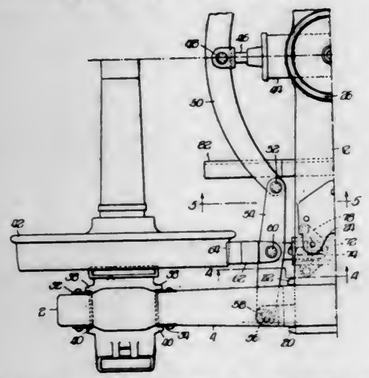
2,131,702
COAL PROCESSING
George A. Berry, Bound Brook, N. J., assignor to National Fuels Corporation, Bound Brook, N. J., a corporation of New Jersey
Application October 24, 1936, Serial No. 107,336
6 Claims. (Cl. 202—20)



1. A continuous process of destructively distilling coal which comprises passing the coal capable of coking in succession through a series of zones, the first being a preheating zone to a temperature at which evolution of volatile material begins, the second zone being the first distilling zone and extending from the softening point of the coal up to a temperature of about 500 to 600° C. in which zone the major portion of the condensable hydrocarbon volatiles are evolved and a third zone extending up to about 700 to 1000° C. in which zone the desired degree of distillation and carbonization is reached, the heating for at least the second zone being by contact with hot

gases which are substantially nonreactive with the coal at the existing temperatures in the zones, the volume of heating gas and its specific heat in the second zone being sufficient so that when introduced at substantially the exit temperature of the coal leaving the zone it contains sufficient heat to bring the coal passing through the zone up to exit temperature while being itself cooled down to substantially the temperature of the coal at the inlet of the second zone, the rate of heating in the second zone being sufficiently low so that the particular coal will not swell sufficiently to produce a product having a density as light as high-temperature coke produced from the same coal in a standard by-product coke oven.

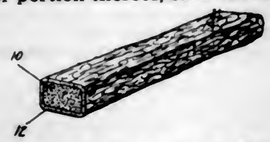
2,131,703
BRAKE
Robert B. Cottrell, Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application October 26, 1936, Serial No. 107,575
28 Claims. (Cl. 188—53)



1. In a brake rigging for a four wheel railway car truck the combination of a truck frame comprising side members, a transverse load carrying member supported directly thereon, wheel and axle assemblies, double-acting power means supported from said load carrying member substantially in the longitudinal center line of said truck, guide brackets supported from said load carrying member adjacent the opposite ends thereof, pairs of brake levers fulcrumed from each of said side members and pivotally supporting brakeheads intermediate their ends for cooperation with adjacent wheels, said brake heads having means for cooperation with said guide brackets, and equalizers connected between said brake levers at opposite ends of said truck, the opposite ends of said power means having direct pivotal connections respectively with said equalizers.

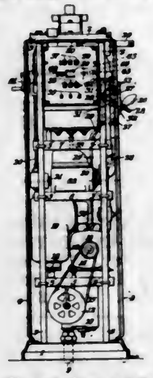
2,131,704
TACKING STRIP
Le Grand Daly, Winnetka, and Frank X. Meiners, Chicago, Ill., assignors to Filer Fibre Company, Filer City, Mich., a corporation of Michigan
Application May 28, 1936, Serial No. 82,200
4 Claims. (Cl. 154—43)

1. A tacking strip formed throughout of fibrous material held together by a moisture resistant plastic binder containing rubber and a vulcanizing agent and the interior core portion of said strip cured to a substantially greater degree of hardness and tack retaining density than the exterior portion thereof, said exterior portion



forming a relatively strong, tough, flexible outer covering about said core.

2,131,705
LIQUID DISPENSING APPARATUS
Cornelius A. Desimone, Bala Cynwyd, and Joseph C. Woodford, Haverford, Pa., assignors to John Wood Manufacturing Company, Inc., Conshohocken, Pa., a corporation of Delaware
Application October 29, 1937, Serial No. 171,652
10 Claims. (Cl. 221—95)

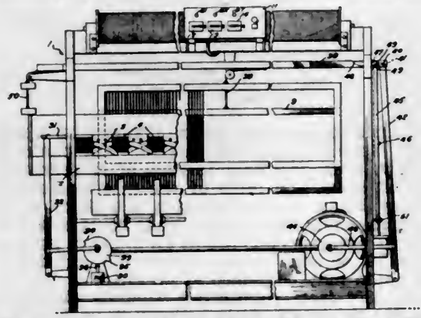


1. In liquid dispensing apparatus, the combination with a pump operated by an electric motor; of a switch in said motor circuit; an indicator for manifesting the volume of liquid dispensed and movable with respect to a zero position; switch controlling means, including a manually operative lock lever for closing said switch, detent means for preventing operation of said lock lever unless and until said indicator is reset to zero position after a dispensing operation, including a latch for engaging said lock lever, a cam lever, and a link connecting said latch with said cam lever; and manually operative means for resetting said indicator to zero position, including a rotatable shaft and a cam relatively rotatable on said shaft and operatively related to said cam lever; whereby said detent is released, by rotation of said cam, only when said indicator is reset to zero, by rotation of said shaft.

2,131,706
CONTROL SYSTEM FOR LOOMS
Lyndon W. Joyce and Harold L. Ross, Greensboro, N. C., assignors to Southern Webbing Mills, Inc., Greensboro, N. C., a corporation of North Carolina
Application October 25, 1937, Serial No. 170,942
14 Claims. (Cl. 139—1)

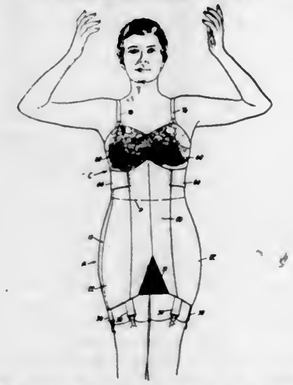
1. In a loom of that type which weaves a continuous length of fabric with alternate sections, one incorporating a main warp only and the other the main warp and an auxiliary warp, main and auxiliary warp harnesses, the latter being alternatively shiftable to bring the auxiliary warp into and out of the weaving plane of the main warp,

alternately operating counting devices, respectively controlling the number of picks to be made in each section, actuating means therefor synchronized with the movements of the shuttle of the loom for registering the number of picks on one or the other of said counting devices, said counting devices being settable to predetermine



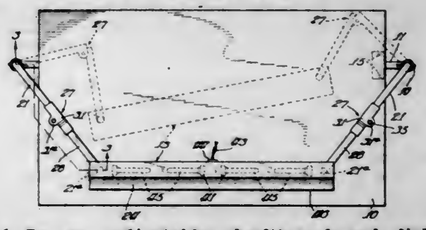
the number of picks to be laid in each section, and means actuated by one pick-counting device when the number of picks for which it was set has been made, for shifting the operative connection of said counting device actuating means to the other counting device, and shifting the auxiliary warp harness into or out of operative relation to the main warp harness.

2,131,707
FOUNDATION GARMENT FOR WOMEN
Joseph Leonard, Allentown, Pa., assignor to Charis Corporation, New York, N. Y., a corporation of New York
Application September 30, 1936, Serial No. 103,245
7 Claims. (Cl. 2—30)



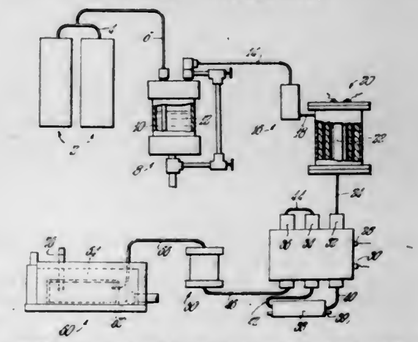
1. In a foundation garment for women, the combination of a figure-conforming corset member and a figure-conforming brassière member overlying the top of the corset member at the sides and back thereof in sitting and standing positions of the wearer, the brassière member being permanently attached to the corset member at the front and being pivotally connected to the corset member at the sides so that relative movement between the brassière member and the corset member about the pivotal mounting is provided for to accommodate the relative lowering of the breasts in sitting position, the corset member at the back extending in vertical unbroken lines over the region of the lumbar curve to a point well above the waistline in sitting and standing positions and cooperating with the brassière member in tending to maintain the lumbar curve in both these positions.

2,131,708
ILLUMINATED BOARD FOR DRAFTSMEN OR THE LIKE
Delore J. Lesperance, Two Rivers, Wis., assignor to Hamilton Manufacturing Company, Two Rivers, Wis., a corporation of Wisconsin
Application December 11, 1936, Serial No. 115,332
2 Claims. (Cl. 240—2)



1. In an adjustable drafting board light adapted to illuminate a maximum area of a large size drafting board simultaneously, the combination comprising an elongated supporting means of a length approximating the length of the board for carrying a plurality of incandescent bulbs or other sources of light arranged longitudinally of said supporting means and carried thereby directed toward the board, a pair of arms each of goose-neck formation swivelled at one end on the board and at their other ends respectively pivotally connected to said supporting means and carrying the latter in its plane of movement spaced above and parallel with said board, and means associated with the swivelled connection of the arms to the board for adjusting said arms vertically to vary the height of the supporting means above the board.

2,131,709
METAL TREATING
Vincent T. Malcolm, Indian Orchard, Mass., assignor to The Chapman Valve Mfg. Co., Indian Orchard, Mass., a corporation of Massachusetts
Application May 19, 1937, Serial No. 143,419
2 Claims. (Cl. 148—16)



1. The process of bright annealing of carbon-containing metal which consists in, confining the metal to be treated in a closed compartment and in heating the work by confining the compartment in a heating furnace, leading the dissociated constituents of ammonia gas into said

compartment subsequent to passing the ammonia gas through separate units including a scrubber, a dryer, a cracker, a catalytic heater and an ionizer whereby the hydrogen constituent is activated and ionized prior to contact with the metal, the temperature prevailing in the separate cracker, and catalyst heater being approximately 1200° F. and in the furnace from 1200° F. to 1700° F.

2,131,710

METHOD OF TREATING STEEL

Vincent T. Malcolm, Indian Orchard, Mass., assignor to The Chapman Valve Mfg. Co., Indian Orchard, Mass., a corporation of Massachusetts

No Drawing. Application October 20, 1937, Serial No. 170,025
2 Claims. (Cl. 148—16)

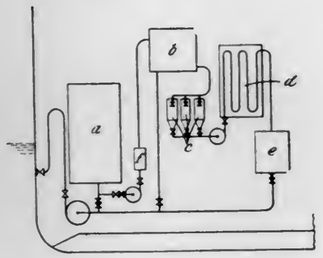
1. The process of treating chromium austenitic steel which consists in, enclosing the steel to be treated in a closed container and heating the same, firstly flowing ammonia from a supply thereof into and through catalyzing and cracking units and into said container, and secondly in cutting off the flow of ammonia into said units and flowing ammonia directly from said supply to and through an ionizing unit and into said compartment.

2,131,711

SEWAGE DISPOSAL

William King Porteous, Twickenham, England, assignor of fifteen percent to William Thomas Towler, London, England

Application April 2, 1937, Serial No. 134,511
In Great Britain April 6, 1936
8 Claims. (Cl. 210—2)



1. A method of disposing of ships' sewage which comprises leading the sewage to a place of storage, withdrawing the sewage from the latter and subjecting it to a disintegrating treatment, centrifuging the mass, discharging the effluent overboard, and leading the sludge to a place of storage.

2,131,712

ORGANIC DYESTUFFS AND PROCESS FOR PRODUCING THEM

Conrad Schoeller, Gustav Schwen, and Georg Kraemer, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application March 1, 1934, Serial No. 713,604. In Germany March 4, 1933
16 Claims. (Cl. 260—86)

11. Organic dyestuffs containing at least once the grouping $-(C_2H_4OC_2H_4O)_n-H$, in which n represents a whole number.

2,131,713

ANTISKID CROSS CHAIN

Frank E. Stahl, Tonawanda, N. Y.; Lillie M. Stahl administratrix of said Frank E. Stahl, deceased

Application June 1, 1937, Serial No. 145,715
5 Claims. (Cl. 152—232)



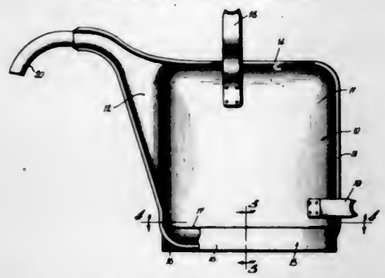
1. An antiskid cross chain, comprising a main chain assembly and an intermediate chain assembly, each assembly formed of interengaged, twisted links, the links of the intermediate assembly being interlaced with the links of the main assembly, each of the links being so formed that its extreme ends are at an angle of substantially 90° to each other, so that the end links of the chain may be placed at an angle of substantially 180° from each other, thereby placing an initial twist in the chain between its ends, whereby when the chain is placed in traction service the adjacent links will be nested closely together and present a substantially unbroken surface.

2,131,714

RECEPTACLE

Frank C. Woelfer, Jr., Cincinnati, Ohio, assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio, a corporation of Ohio

Application July 18, 1936, Serial No. 91,349
5 Claims. (Cl. 221—11)



1. A receptacle of the class described, comprising, metal shells, each of which constitutes half of the receptacle and the spout therefor, said parts united on a vertical central line and providing a receptacle which is oval in horizontal plane, and having an integral spout extending forwardly and upwardly therefrom, a base member in the form of a band secured around the bottom of the abutted and joined parts for supporting the receptacle body clear of a supporting surface, and handle means for carrying and tipping said receptacle in pouring.

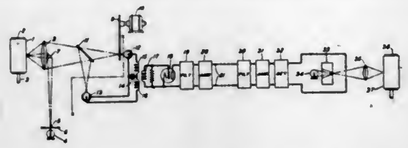
2,131,715

ELECTROOPTICAL APPARATUS

Millard W. Baldwin, Jr., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, a corporation of New York

Application December 18, 1935, Serial No. 55,054
15 Claims. (Cl. 178—7.1)

15. The method of producing a signal modulated carrier current which comprises producing a beam of light of constant intensity, scanning a subject with said beam, utilizing a portion of the light reflected from said subject to control the production of a signal current, causing another portion of said reflected light to vary at a carrier rate, utilizing said second portion to control the production of a signal modulated carrier accompanied by a signal current, and using said first-mentioned signal current to neutralize the signal current accompanying said signal modulated carrier.

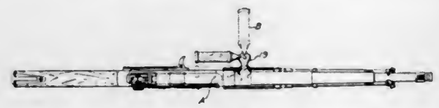


2,131,716

DETACHABLE BARREL CONSTRUCTION FOR FIREARMS

Marriner A. Browning, Ogden, Utah, assignor to J. M. & M. S. Browning Company, Ogden, Utah, a corporation of Utah

Application January 14, 1937, Serial No. 120,577
14 Claims. (Cl. 42—75)



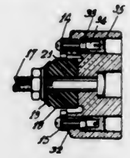
1. The combination of a firearm having a casing and a readily detachable barrel removable in the forward direction, and a handle connected directly with the barrel and positioned with the major portion thereof behind a transverse plane through the front of the casing so as to be adjacent the center of gravity of the firearm, the said handle thus serving either for carrying the barrel only or for carrying the entire firearm in balanced position.

2,131,717

LIGHTNING ARRESTER

Edward A. Everett, Long Island City, N. Y.; Gustave A. Nelson and William R. Loughridge executors of said Edward A. Everett, deceased, assignors to E. A. Everett, Inc., Long Island City, N. Y., a corporation of New York

Application August 13, 1934, Serial No. 739,638
2 Claims. (Cl. 175—30)



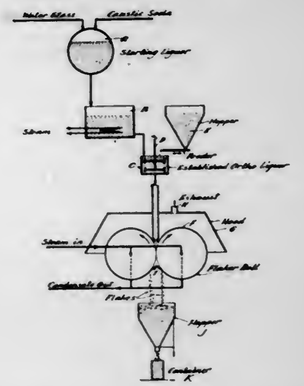
1. A lightning arrester comprising a base of porcelain having shouldered apertures therein with a dowel pin in each aperture, said pins being of smaller diameter than said apertures and each having a collar engaging the shoulder of the aperture, said pins located in a predetermined fixed relation to each other and cemented in position in said apertures, a discharge block mounted on a pair of said dowel pins and a plate mounted on another pair of said pins in sparking relation to said block and means for connecting a conductor to said block and a conductor to said plate.

2,131,718

STABLE, HYDROUS SILICATE AND METHOD OF MAKING SAME

George Ridgley McDaniel, Cincinnati, Ohio, assignor, by mesne assignments, to Diamond Alkali Company, Pittsburgh, Pa. a corporation of Delaware

Application July 2, 1936, Serial No. 88,645
13 Claims. (Cl. 23—110)



6. A method of preparing a stable, crystalline, hydrous sodium silicate, which method comprises preparing a liquor comprised of substantially 1.75 to 2.25 molecular parts of sodium oxide to each one molecular part of silicon dioxide, and containing an amount of water sufficient to produce a hydrate and to permit of crystallization of substantially all of the liquor, and then elevating the temperature of such liquor to a degree sufficiently high to transpose the liquor to solid crystallitic state, with substantially no evaporation of water.

2,131,719

METHOD OF IMPROVING THE SURFACE OF COPPER AND COPPER ALLOY CASTINGS

Cyril Stanley Smith, Cheshire, Conn., assignor to Anaconda Copper Mining Company, New York, N. Y., a corporation of Montana

No Drawing. Application October 16, 1937, Serial No. 169,462
4 Claims. (Cl. 22—214)

1. The method of improving the surface of castings of copper and its alloys which comprises introducing a volatile flux into a dressed metallic mold and pouring the molten metal therein.

2,131,720

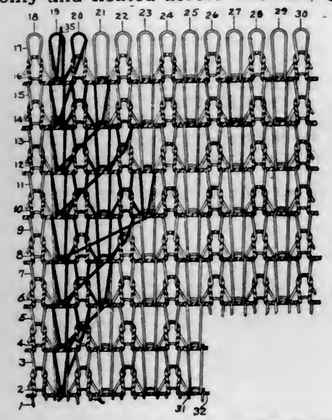
KNITTED FABRIC AND METHOD OF MAKING THE SAME

Eugene St. Pierre, Pawtucket, R. I., assignor to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts

Application August 15, 1938, Serial No. 224,873
8 Claims. (Cl. 66—172)

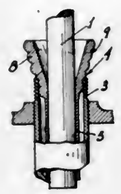
5. A seamless plain knitted stocking top comprising, throughout the greater portion thereof, alternating courses of elastic and inelastic yarns, said inelastic yarn being knitted at every wale

and said elastic yarn being knitted at alternate wales only and floated across intervening wales,



said elastic yarn being knitted under light tension and producing a rib effect.

2,131,721
NOZZLE PACKER
Howard B. Hale, Long Beach, Calif.
Application March 2, 1936, Serial No. 66,645
1 Claim. (Cl. 285—161)

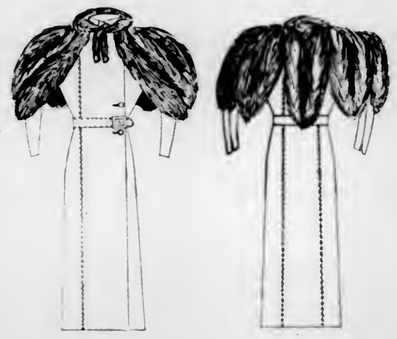


A nozzle packer adapted to be mounted on a filler nozzle comprising a sleeve tightly gripping the nozzle, a cup integrally formed with the sleeve, said cup and sleeve being formed of rubber, the walls of said sleeve being relatively thin, the walls of said cup being relatively thick, and the outer surface of said cup being corrugated.

DESIGNS

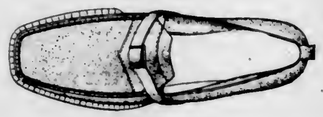
SEPTEMBER 27, 1938

111,483
DESIGN FOR A COAT
Abraham Alper, New York, N. Y.
Application August 25, 1938, Serial No. 79,557
Term of patent 3½ years



The ornamental design for a coat, substantially as shown and described.

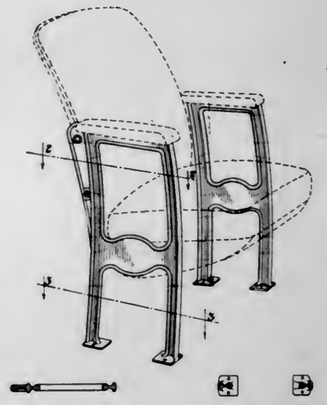
111,484
DESIGN FOR A MOCCASIN OR SIMILAR ARTICLE
Edward J. Biel, Brookline, Mass.
Application August 20, 1938, Serial No. 79,480
Term of patent 3½ years





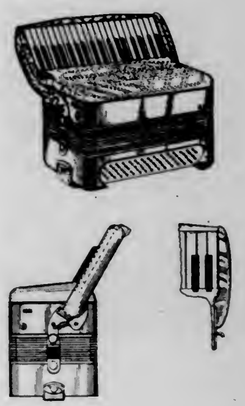
The ornamental design for a moccasin or similar article, substantially as shown.

111,485
DESIGN FOR A CHAIR
Willard H. Bond, Jr., East Grand Rapids, Mich., assignor to American Seating Company, Grand Rapids, Mich., a corporation of New Jersey
Application February 11, 1938, Serial No. 75,063
Term of patent 14 years



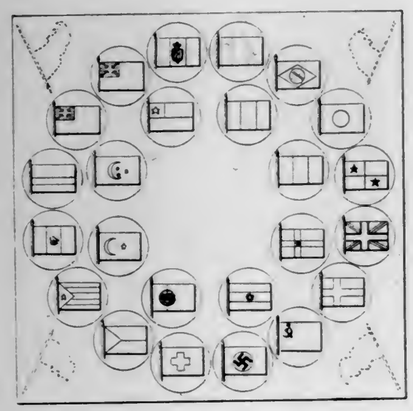
The ornamental design for a chair, as shown and described.

111,486
DESIGN FOR AN ACCORDION
Cyril Farny, Geneva, Ill., assignor to The Rudolph Wurlitzer Company, De Kalb, Ill., a corporation of Ohio
Application March 14, 1938, Serial No. 75,794
Term of patent 3½ years



The ornamental design for an accordion, substantially as shown and described.

111,487
DESIGN FOR A HANDKERCHIEF
Vincent Fazio, Brooklyn, N. Y.
Application April 28, 1938, Serial No. 76,796
Term of patent 7 years



The ornamental design for a handkerchief, substantially as shown and described.

111,488
DESIGN FOR A RUG
Manuel Feldman, New York, N. Y.
Application July 26, 1938, Serial No. 78,737
Term of patent 3½ years



The ornamental design for a rug, substantially as shown.

111,489
DESIGN FOR A HANDLE FOR KITCHEN UTENSILS AND THE LIKE
Charles Fischer, Newark, N. J.
Application January 11, 1938, Serial No. 74,201
Term of patent 7 years



The ornamental design for a handle for kitchen utensils and the like, as shown and described.

111,490
DESIGN FOR A SHOE
Harry Geller, New York, N. Y.
Application August 20, 1938, Serial No. 79,466
Term of patent 3½ years



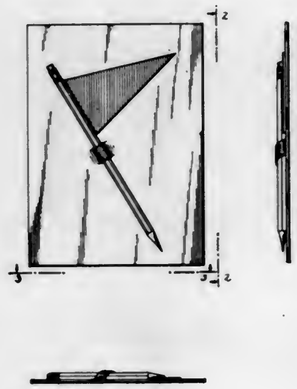
The ornamental design for a shoe, as shown and described.

111,491
DESIGN FOR A TEXTILE FABRIC
Maclyn Guhl, New York, N. Y.
Application July 11, 1938, Serial No. 78,401
Term of patent 3½ years



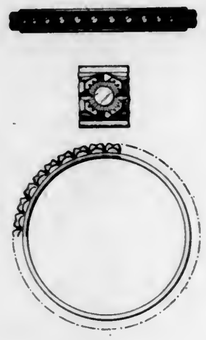
The ornamental design for a textile fabric, substantially as shown and described.

111,492
DESIGN FOR A COMBINED DISPLAY CARD AND PENCIL
Henry Hassenfeld, Providence, R. I.
Application April 11, 1938, Serial No. 76,421
Term of patent 7 years



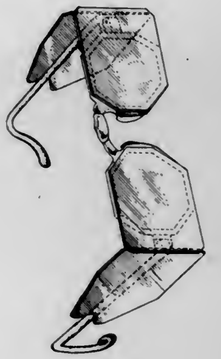
The ornamental design for a combined display card and pencil, as shown.

111,493
DESIGN FOR A FINGER RING OR SIMILAR ARTICLE
Joseph L. Herzog, New York, N. Y.
Application June 7, 1938, Serial No. 77,643
Term of patent 14 years



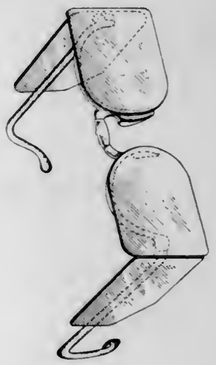
The ornamental design for a finger ring or similar article, substantially as shown and described.

111,494
DESIGN FOR SUNGLASSES
Edward K. Madan, Maplewood, N. J.
Application April 29, 1938, Serial No. 76,853
Term of patent 3½ years



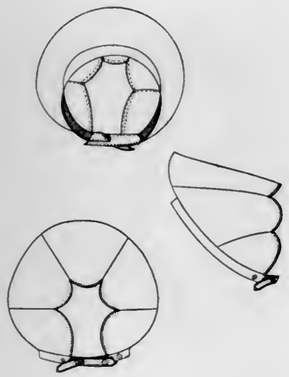
The ornamental design for sunglasses, as shown and described.

111,495
DESIGN FOR SUNGLASSES
Edward K. Madan, Maplewood, N. J.
Application April 29, 1938, Serial No. 76,854
Term of patent 3½ years



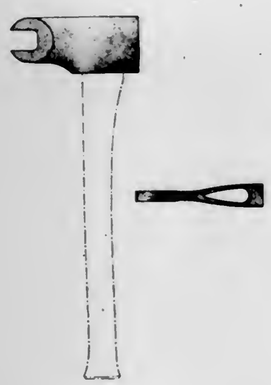
The ornamental design for sunglasses, as shown and described.

111,496
DESIGN FOR A HAT
Murray J. Marks, New York, N. Y.
Application July 13, 1938, Serial No. 78,431
Term of patent 3½ years



The ornamental design for a hat, substantially as shown.

111,497
DESIGN FOR A MINER'S TOOL
John Delmer Martin, Capels, W. Va.
Application April 22, 1938, Serial No. 76,698
Term of patent 14 years



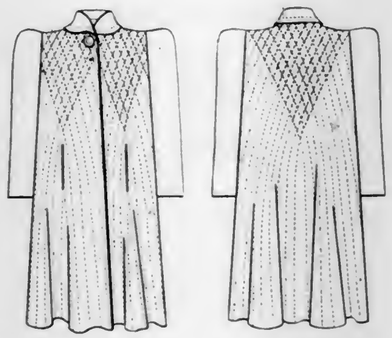
The ornamental design for a miner's tool, substantially as shown.

111,498
DESIGN FOR A SCARF OR SIMILAR ARTICLE
David E. Schwab, New York, N. Y.
Application July 27, 1938, Serial No. 78,759
Term of patent 3½ years



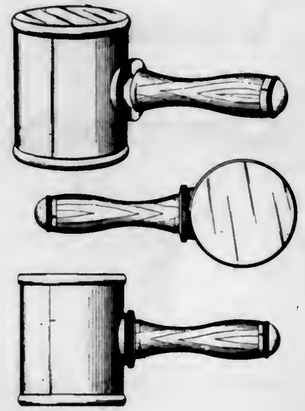
The ornamental design for a scarf or similar article, substantially as shown.

111,499
DESIGN FOR A COAT
Abraham Shotland, New York, N. Y.
Application September 1, 1938, Serial No. 79,670
Term of patent 3½ years



The ornamental design for a coat, substantially as shown.

111,500
DESIGN FOR A COCKTAIL SHAKER
Abraham Solomon, New York, N. Y., assignor to National Silver Deposit Ware Co., Inc., New York, N. Y., a corporation of New York
Application February 21, 1938, Serial No. 75,312
Term of patent 7 years



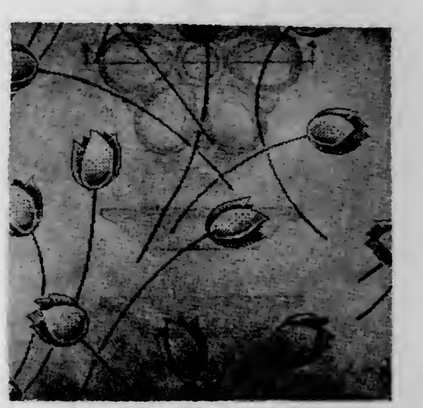
The ornamental design for a cocktail shaker, substantially as shown and described.

111,501
DESIGN FOR A SUN CHAISE
Arthur Wesley, Chicago, Ill., assignor to Burton-Dixie Corporation, Chicago, Ill., a corporation of Delaware
Application February 4, 1938, Serial No. 74,866
Term of patent 7 years



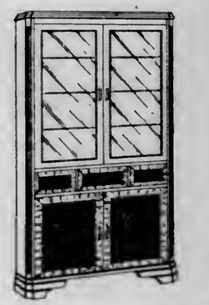
The ornamental design for a sun chaise, as shown.

111,502
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Arthur Wortman, West New York, N. J., assignor to Sterling Textile Printers, Inc., New York, N. Y., a corporation of New York
Application April 27, 1938, Serial No. 76,765
Term of patent 3½ years



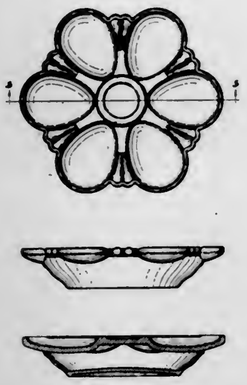
The ornamental design for a textile fabric or similar article, as shown and described.

111,503
DESIGN FOR A PHYSICIAN'S EQUIPMENT CABINET
Jack Beeber, New York, N. Y.
Application March 10, 1938, Serial No. 75,722
Term of patent 7 years



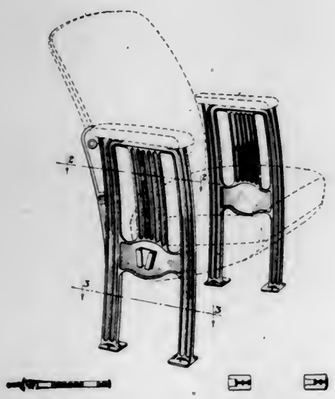
The ornamental design for a physician's equipment cabinet, substantially as shown and described.

111,504
DESIGN FOR AN OYSTER SERVER PLATE OR SIMILAR ARTICLE
Arthur J. Bennett, Cambridge, Ohio
Application July 25, 1938, Serial No. 78,695
Term of patent 7 years



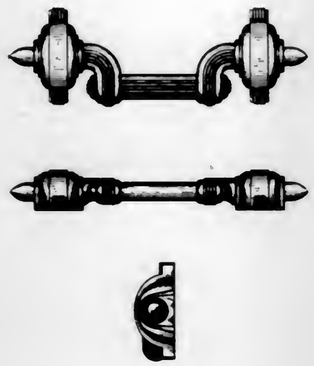
The ornamental design for an oyster server plate or similar article, substantially as shown.

111,505
DESIGN FOR A CHAIR
Willard H. Bond, Jr., East Grand Rapids, Mich., assignor to American Seating Company, Grand Rapids, Mich., a corporation of New Jersey
Application February 11, 1938, Serial No. 75,061
Term of patent 14 years



The ornamental design for a chair, as shown and described.

111,506
DESIGN FOR A CASKET HANDLE
Anthony J. Christian, Chicago, Ill.
Application July 27, 1938, Serial No. 78,760
Term of patent 3½ years



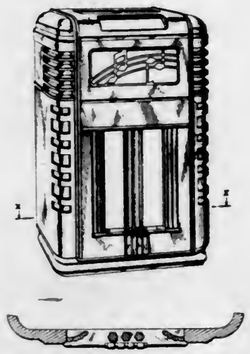
The ornamental design for a casket handle, as shown.

111,507
DESIGN FOR A POWER LAWN MOWER OR SIMILAR ARTICLE
Allyn R. Cooper, Marshalltown, Iowa, assignor to Cooper Manufacturing Company, Marshalltown, Iowa, a corporation of Iowa
Application April 25, 1938, Serial No. 76,744
Term of patent 7 years



The ornamental design for a power lawn mower or similar article, substantially as shown and described.

111,508
DESIGN FOR A PHONOGRAPH CABINET
William Corcoran, San Francisco, Calif.
Application June 21, 1938, Serial No. 77,973
Term of patent 3½ years



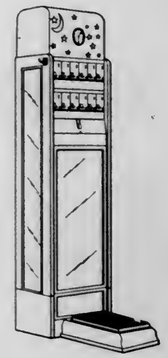
The ornamental design for a phonograph cabinet, as shown and described.

111,509
DESIGN FOR A SHOE
Herman B. Delman, New York, N. Y.
Application August 15, 1938, Serial No. 79,339
Term of patent 3½ years



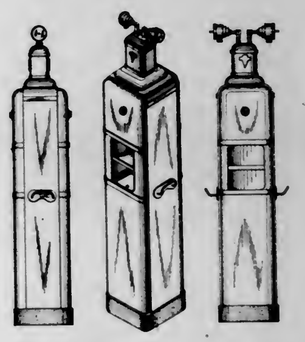
The ornamental design for a shoe, as shown.

111,510
DESIGN FOR A COMBINED WEIGHING SCALE AND VENDING DEVICE
Guy G. Eldman, Houston, Tex., assignor to Eldman Scale Corporation, Houston, Tex., a corporation of Delaware
Application January 3, 1938, Serial No. 74,060
Term of patent 14 years



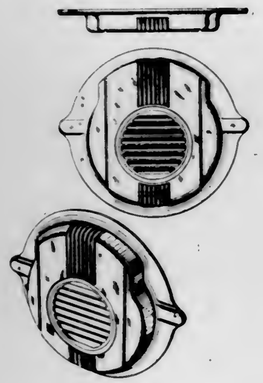
The ornamental design for a combined weighing scale and vending device, substantially as shown and described.

111,511
DESIGN FOR A SERVICING APPARATUS OR THE LIKE FOR FILLING STATIONS
Alexander P. Fox, University City, Mo., assignor to Lincoln Engineering Company, St. Louis, Mo., a corporation of Missouri
Application July 2, 1938, Serial No. 78,249
Term of patent 7 years



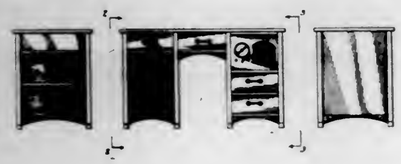
The ornamental design for a servicing apparatus or the like for filling stations, substantially as shown.

111,512
DESIGN FOR A COVER FOR A VACUUM CLEANER OR SIMILAR ARTICLE
Lurelle Guild, Darien, Conn., assignor, by mesne assignments, to Electrolux Corporation, Dover, Del., a corporation of Delaware
Application February 26, 1938, Serial No. 75,439
Term of patent 14 years



The ornamental design for a cover for a vacuum cleaner or similar article, as shown.

111,513
DESIGN FOR A COMBINED DESK, BOOKCASE AND RADIO CABINET
Walter Jagosz, Detroit, Mich.
Application May 16, 1938, Serial No. 77,229
Term of patent 7 years



The ornamental design for a combined desk, bookcase and radio cabinet, as shown.

111,514
DESIGN FOR A COMBINED RADIO CABINET, PHONOGRAPH CABINET AND DESK
Walter Jagosz, Detroit, Mich.
Application May 16, 1938, Serial No. 77,230
Term of patent 7 years



The ornamental design for a combined radio cabinet, phonograph cabinet and desk, as shown.

111,515
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
Alfred G. Kintz, Wallingford, Conn., assignor to International Silver Company, Meriden, Conn., a corporation of New Jersey
Application July 23, 1938, Serial No. 78,664
Term of patent 14 years

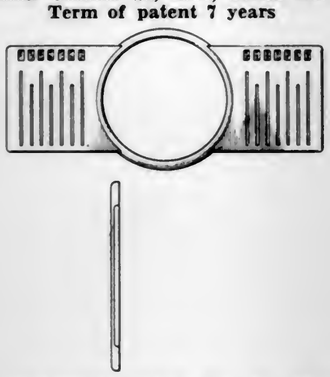


The ornamental design for a spoon or other article of flatware, substantially as shown and described.

111,516
DESIGN FOR A ROOF VENTILATOR
Frederick J. Kreutzer, Fort Atkinson, Wis., assignor to James Manufacturing Company, Fort Atkinson, Wis.
Application April 14, 1938, Serial No. 76,492
Term of patent 14 years

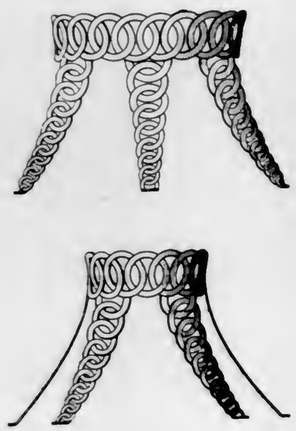
The ornamental design for a roof ventilator, as shown and described.

111,517
DESIGN FOR AN ESCUTCHEON PLATE FOR A COMBINED RADIO TUNING DIAL AND CONTROL PANEL, OR THE LIKE
Le Roy J. Leishman, Los Angeles, Calif.
Application October 25, 1937, Serial No. 72,417
Term of patent 7 years



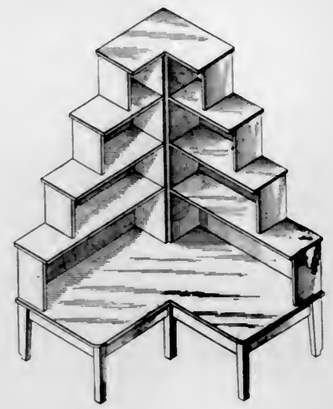
The ornamental design for an escutcheon plate for a combined radio tuning dial and control panel, or the like, substantially as shown and described.

111,518
DESIGN FOR A STAND FOR PERFUME BOTTLES
Lucien Lelong, Paris, France, assignor to Lucien Lelong, Inc., Chicago, Ill., a corporation of Illinois
Application June 15, 1938, Serial No. 77,858
Term of patent 7 years



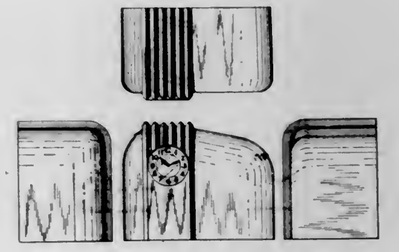
The ornamental design for a stand for perfume bottles, as shown.

111,519
DESIGN FOR A BOOKCASE
Herman A. McCune, Boston, Mass.
Application April 1, 1938, Serial No. 76,225
Term of patent 14 years



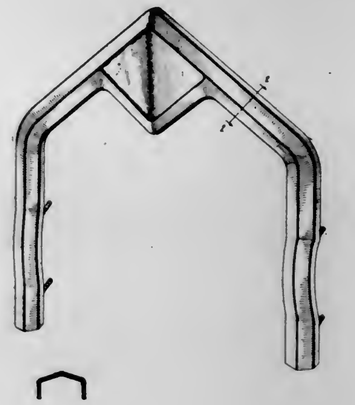
The ornamental design for a bookcase, as shown.

111,520
DESIGN FOR A CASING FOR A RECORDING MACHINE
Robert J. Niederhauser, Chicago, Ill., assignor to Myron D. Markley and Joseph M. Markley, Jr., Canton, Ohio
Application May 13, 1938, Serial No. 77,171
Term of patent 7 years



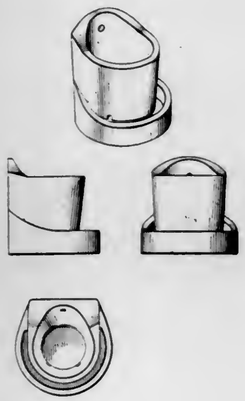
The ornamental design for a casing for a recording machine, as shown.

111,521
DESIGN FOR A VERTICAL BUMPER
Louis S. Poncher, Chicago, Ill., assignor to Erie Manufacturing Company, Inc., Chicago, Ill., a corporation of Illinois
Application February 25, 1938, Serial No. 75,396
Term of patent 3½ years



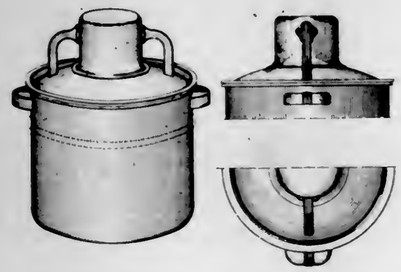
The ornamental design for a vertical bumper, as shown.

111,522
DESIGN FOR A WALL PLANT POT
Edwin H. Preston, Tampa, Fla.
Application July 14, 1938, Serial No. 78,487
Term of patent 14 years



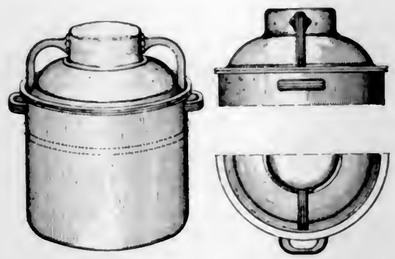
The ornamental design for a wall plant pot, as shown.

111,523
DESIGN FOR A WASHING MACHINE
Edward S. Preston, Hinsdale, Ill., assignor to Chicago Electric Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application August 1, 1938, Serial No. 79,010
Term of patent 7 years



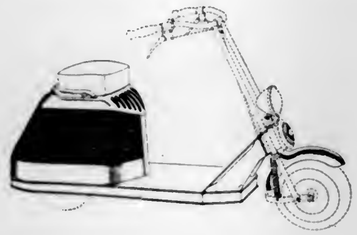
The ornamental design for a washing machine, substantially as shown and described.

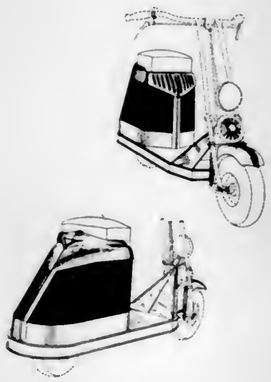
111,524
DESIGN FOR A WASHING MACHINE
Edward S. Preston, Hinsdale, Ill., assignor to Chicago Electric Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application August 1, 1938, Serial No. 79,011
Term of patent 7 years



The ornamental design for a washing machine, substantially as shown and described.

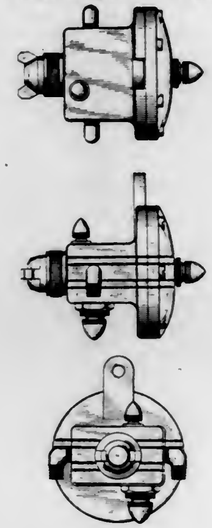
111,525
DESIGN FOR A MOTOR-SCOOTER
David C. Rockola, Chicago, Ill., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill., a corporation of Delaware
Application June 6, 1938, Serial No. 77,620
Term of patent 14 years





The ornamental design for a motor-scooter, substantially as shown and described.

111,526
DESIGN FOR A SPRAY GUN OR THE LIKE
Glenn W. Tammen, Chicago, Ill., assignor to Binks Manufacturing Company, Chicago, Ill., a corporation of Delaware
Application July 2, 1938, Serial No. 78,238
Term of patent 7 years



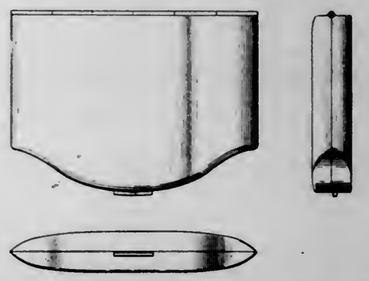
The ornamental design for a spray gun or the like, substantially as shown.

111,527
DESIGN FOR A GAME DISK
Walter A. Troth, Brooklyn, N. Y.
Application April 20, 1938, Serial No. 76,627
Term of patent 14 years



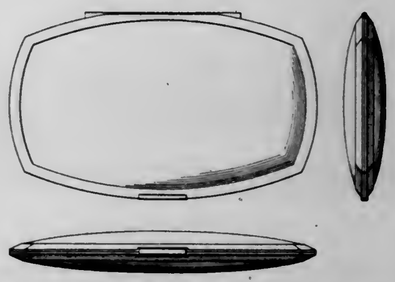
The ornamental design for a game disk, as shown and described.

111,528
DESIGN FOR A VANITY CASE
Albert Wewetzer, Elgin, Ill., assignor to Illinois Watch Case Company, Elgin, Ill., a corporation of Illinois
Application November 20, 1937, Serial No. 73,078
Term of patent 3½ years



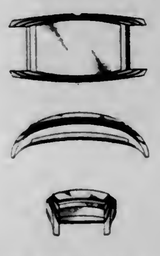
The ornamental design for a vanity case, as shown and described.

111,529
DESIGN FOR A VANITY CASE
Albert Wewetzer, Elgin, Ill., assignor to Illinois Watch Case Company, Elgin, Ill., a corporation of Illinois
Application November 20, 1937, Serial No. 73,079
Term of patent 3½ years



The ornamental design for a vanity case, as shown and described.

111,530
DESIGN FOR A WRIST WATCH CASE
Alphonse Wulschpard, Plandome, N. Y.
Application August 2, 1938, Serial No. 79,026
Term of patent 3½ years



The ornamental design for a wrist watch case, substantially as shown.

111,531
DESIGN FOR A DRESS
Jacob Abbate, New York, N. Y.
Application July 29, 1938, Serial No. 78,943
Term of patent 3½ years



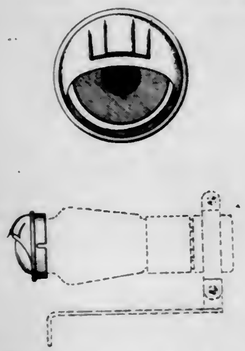
The ornamental design for a dress, substantially as shown and described.

111,532
DESIGN FOR A BELT
Edna C. Bennett, New York, N. Y.
Application August 17, 1938, Serial No. 79,393
Term of patent 3½ years



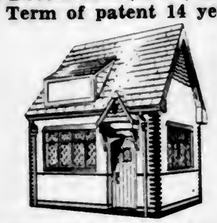
The ornamental design for a belt, substantially as shown and described.

111,533
DESIGN FOR A RESONANCE INDICATOR
Wallace W. Dewhurst, Haddon Heights, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application August 29, 1936, Serial No. 64,629
Term of patent 7 years



The ornamental design for a resonance indicator, substantially as shown and described.

111,534
DESIGN FOR A BUILDING
Harry F. Duncan, Washington, D. C., assignor to Little Tavern Shops, Inc., Washington, D. C., a corporation of Kentucky
Application December 13, 1937, Serial No. 73,587
Term of patent 14 years



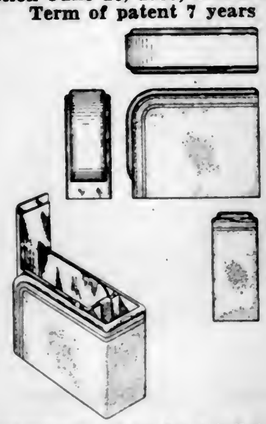
The ornamental design for a building, as shown and described.

111,535
DESIGN FOR A COMBINED KEY RING AND FLASHLIGHT
Irving Florman, New York, N. Y.
Application August 11, 1938, Serial No. 79,274
Term of patent 14 years



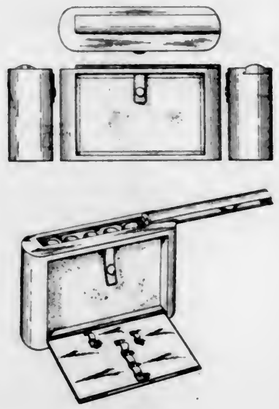
The ornamental design for a combined key ring and flashlight, substantially as shown.

111,536
DESIGN FOR A TOILET ARTICLE CASE
George R. Graff, Toledo, Ohio, assignor to The Henkel-Clauss Company, Fremont, Ohio, a corporation of Ohio
Application June 16, 1938, Serial No. 77,882
Term of patent 7 years



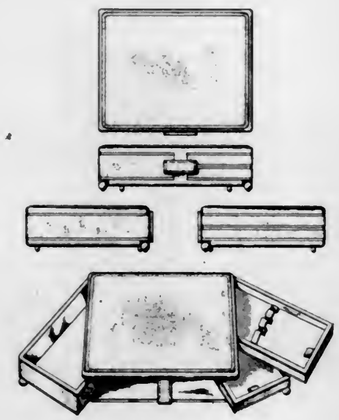
The ornamental design for a toilet article case, as shown and described.

111,537
DESIGN FOR A TOILET ARTICLE CASE
George R. Graff, Toledo, Ohio, assignor to The Henkel-Clauss Company, Fremont, Ohio, a corporation of Ohio
Application June 16, 1938, Serial No. 77,883
Term of patent 7 years



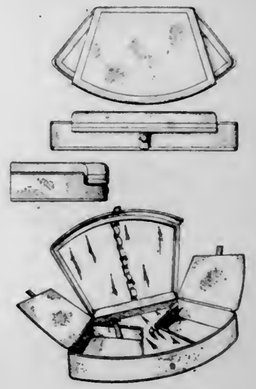
The ornamental design for a toilet article case, as shown and described.

111,538
DESIGN FOR A TOILET ARTICLE CASE
George R. Graff, Toledo, Ohio, assignor to The Henkel-Clauss Company, Fremont, Ohio, a corporation of Ohio
Application June 16, 1938, Serial No. 77,884
Term of patent 7 years



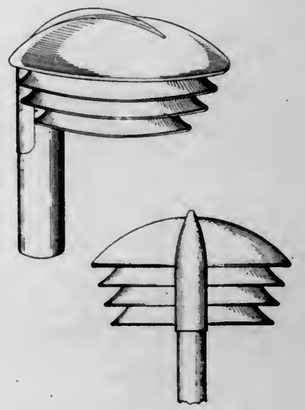
The ornamental design for a toilet article case, as shown and described.

111,539
DESIGN FOR A TOILET ARTICLE CASE
George R. Graff, Toledo, Ohio, assignor to The Henkel-Claus Company, Fremont, Ohio, a corporation of Ohio
Application June 16, 1938, Serial No. 77,885
Term of patent 7 years



The ornamental design for a toilet article case, as shown and described.

111,540
DESIGN FOR A GAS RANGE ELECTRIC LAMP
Edward R. Guyer, Hinsdale, Ill., assignor to Cribben and Sexton Company, Chicago, Ill., a corporation of Illinois
Application August 18, 1937, Serial No. 71,182
Term of patent 3½ years



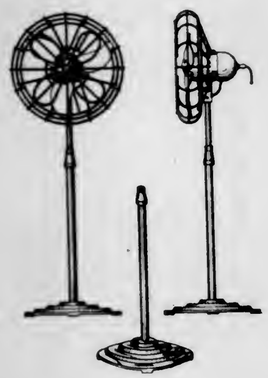
The ornamental design for a gas range electric lamp, as shown.

111,541
DESIGN FOR A STOPPER OR SIMILAR ARTICLE
Axel Holmgren, Trelleborg, Sweden
Application April 14, 1938, Serial No. 76,505
Term of patent 14 years



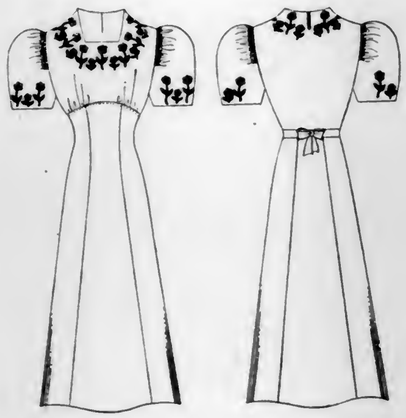
The ornamental design for a stopper or similar article, substantially as shown.

111,542
DESIGN FOR AN AIR CIRCULATOR
Joseph J. Janca and Paul M. Brannan, St. Louis, Mo., assignors to The Emerson Electric Mfg. Co., St. Louis, Mo., a corporation of Missouri
Application July 30, 1937, Serial No. 70,752
Term of patent 3½ years



The ornamental design for an air circulator, substantially as shown and described.

111,543
DESIGN FOR A DRESS
Jacob J. Kushner, New York, N. Y.
Application August 11, 1938, Serial No. 79,236
Term of patent 3½ years



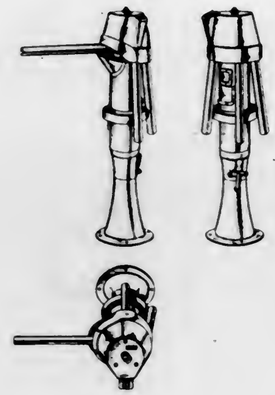
The ornamental design for a dress, substantially as shown and described.

111,544
DESIGN FOR AN AUTOMOBILE REFLECTOR DEVICE
Charles Davis Little, Chattanooga, Tenn.
Application December 6, 1937, Serial No. 73,405
Term of patent 3½ years



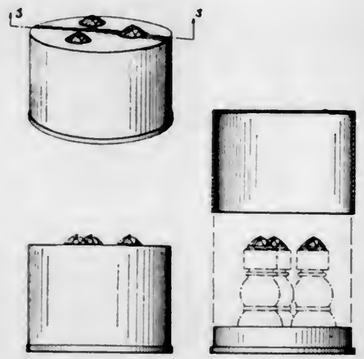
The ornamental design for an automobile reflector device, substantially as shown.

111,545
DESIGN FOR A TURNSTILE
Soren Madsen, Bergenfield, N. J.
Application February 12, 1938, Serial No. 75,103
Term of patent 3½ years



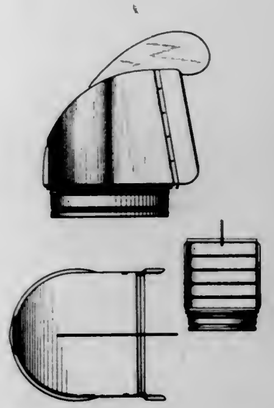
The ornamental design for a turnstile, substantially as shown.

111,546
DESIGN FOR A COMBINED BOTTLE DISPLAY GROUP AND CONTAINER THEREFOR
Leo Mann, Providence, R. I.
Application November 4, 1937, Serial No. 72,620
Term of patent 7 years



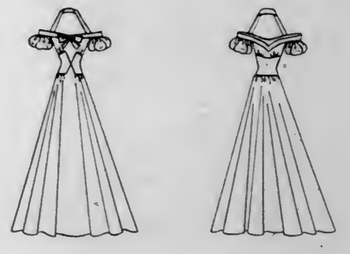
The ornamental design for a combined bottle display group and container therefor, substantially as shown or described.

111,547
DESIGN FOR A ROTARY VENTILATOR
James H. McDerment, Cleveland, Ohio, assignor to The Swartwout Company, Cleveland, Ohio, a corporation of Ohio
Application November 10, 1937, Serial No. 72,755
Term of patent 14 years



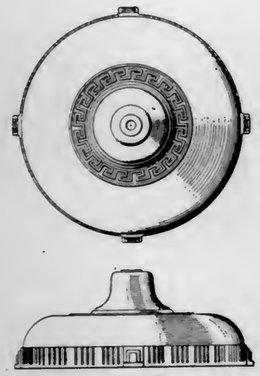
The ornamental design for a rotary ventilator, substantially as shown.

111,548
DESIGN FOR A DRESS OR SIMILAR ARTICLE
Abraham H. Morris, New York, N. Y.
Application July 14, 1938, Serial No. 78,469
Term of patent 3½ years



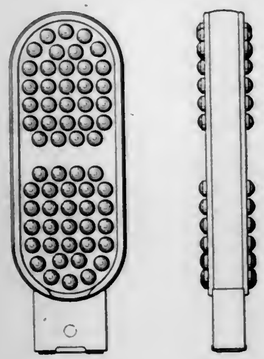
The ornamental design for a dress or similar article, substantially as shown and described.

111,549
DESIGN FOR A LAMP BASE OR SIMILAR ARTICLE
Henry A. Perlmutter, New York, N. Y.
Application August 5, 1938, Serial No. 79,128
Term of patent 3½ years



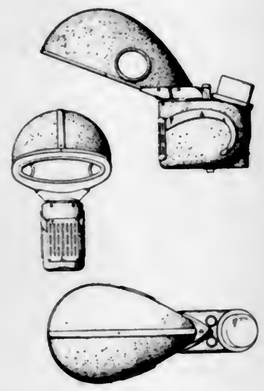
The ornamental design for a lamp base or similar article, substantially as shown.

111,550
DESIGN FOR A LIGHT-REFLECTING ROAD MARKER
Charles A. Persons, Worcester, Mass., assignor to Persons-Majestic Manufacturing Company, Worcester, Mass., a corporation of Massachusetts
Application August 1, 1938, Serial No. 79,009
Term of patent 14 years



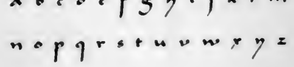
The ornamental design for a light-reflecting road marker, substantially as shown.

111,551
DESIGN FOR A COMBINED HOOD AND CASING FOR A HAIR AND SCALP STEAMER
Floyd V. Schleimer, San Francisco, Calif., assignor to Duart Manufacturing Company, Ltd., Formerly Pacific Hair Goods Company, Ltd., San Francisco, Calif., a corporation of California
Application June 28, 1938, Serial No. 78,118
Term of patent 7 years



The ornamental design for a combined hood and casing for a hair and scalp steamer, substantially as shown.

111,552
DESIGN FOR A PRINTING TYPE FONT
Frederick H. Ernst Schneidler, Stuttgart, Germany, assignor to The Bauer Type Foundry, Inc., New York, N. Y., a corporation of New York
Application November 13, 1937, Serial No. 72,848
Term of patent 7 years



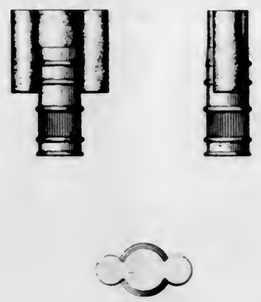
The ornamental design for a printing type font, as shown.

111,553
DESIGN FOR A SUIT
Jacob A. Silverman, New York, N. Y.
Application July 25, 1938, Serial No. 78,701
Term of patent 3½ years



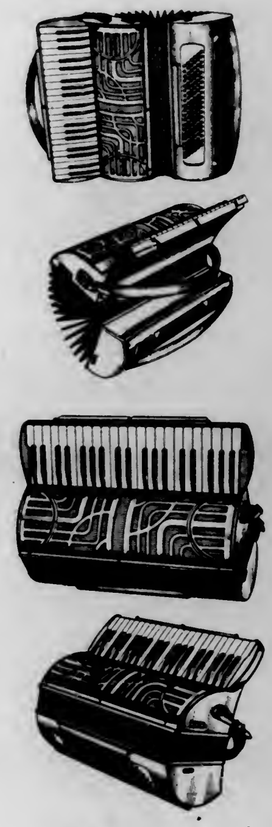
The ornamental design for a suit, substantially as shown and described.

111,554
DESIGN FOR A COMBINED ERASER AND PENCIL TIP
Horace B. Van Dorn, Maplewood, N. J., assignor to Joseph Dixon Crucible Company, Jersey City, N. J., a corporation of New Jersey
Application August 3, 1938, Serial No. 79,062
Term of patent 14 years



The ornamental design for a combined eraser and pencil tip, as shown and described.

111,555
DESIGN FOR AN ACCORDION
John Vassos, New Canaan, Conn., assignor to M. Hohner, Inc., New York, N. Y., a corporation of New York
Application June 30, 1938, Serial No. 78,180
Term of patent 7 years



The ornamental design for an accordion, as shown.

111,556
DESIGN FOR A BELT OR SIMILAR ARTICLE
William Walter, New York, N. Y.
Application August 17, 1938, Serial No. 79,395
Term of patent 3½ years



The ornamental design for a belt or similar article, substantially as shown, and described.

111,557
DESIGN FOR A DRESS
Jacob Abbate, New York, N. Y.
Application August 23, 1938, Serial No. 79,496
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,558
DESIGN FOR A DRESS
Yvonne Guyon, New York, N. Y.
Application August 17, 1938, Serial No. 79,392
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,559
DESIGN FOR A DRESS
Aaron Guzy, New York, N. Y.
Application August 17, 1938, Serial No. 79,394
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,560
DESIGN FOR A DRESS
Ben Machanoff, New York, N. Y.
Application August 20, 1938, Serial No. 79,458
Term of patent 3½ years



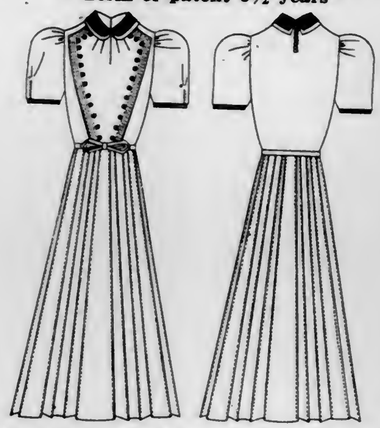
The ornamental design for a dress, substantially as shown and described.

111,561
DESIGN FOR A DRESS ENSEMBLE
Samuel Reich, Chicago, Ill.
Application August 20, 1938, Serial No. 79,464
Term of patent 3½ years



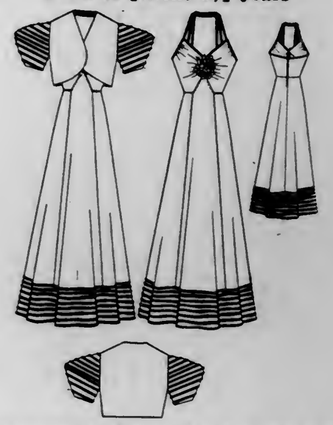
The ornamental design for a dress ensemble, substantially as shown.

111,562
DESIGN FOR A DRESS
Benjamin Shapiro, New York, N. Y.
Application August 23, 1938, Serial No. 79,501
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,563
DESIGN FOR A DRESS ENSEMBLE
Mollie Stone, New York, N. Y.
Application August 24, 1938, Serial No. 79,522
Term of patent 3½ years



The ornamental design for a dress ensemble, substantially as shown.

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[Decisions of the United States Court of Appeals for the District of Columbia are indicated by the letter (*); and of the United States Court of Customs and Patent Appeals by a star(*).]

429399

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Achaia-Clauss Wine Company, Ltd., New York, N. Y. Wines. Serial Nos. 402,161–3; Oct. 4. Class 47.

Acme White Lead and Color Works, Detroit, Mich. Color mixing and measuring machine. Serial No. 408,145; Oct. 4. Class 26.

Aerofuser Company, Inc., The. (See Collicutt, Earl H., assignor.)

Allied Mills, Inc., Chicago, Ill. Livestock feeds. Serial No. 407,652; Oct. 4. Class 46.

American National Company, The, Toledo, Ohio. Juvenile vehicles comprising velocipedes. Serial No. 395,115; Oct. 4. Class 22.

American Safety Razor Corporation, Brooklyn, N. Y. Safety razors and safety razor blades. Serial No. 404,243; Oct. 4. Class 23.

Anderson Company, The, Gary, Ind. Vehicle road or fog lamps. Serial No. 402,459; Oct. 4. Class 21.

Armstrong, Charles W., Malone, N. Y. Food sauce. Serial No. 407,933; Oct. 4. Class 46.

Archer Mfg., Los Angeles, Calif. Nursery chair, play pen, carriage, etc., pads. Serial No. 409,024; Oct. 4. Class 32.

Ashland Oil & Refining Company, Ashland, Ky. Gasoline. Serial No. 396,756; Oct. 4. Class 15.

Atlas Canning Company, Inc., New York and Glendale, N. Y. Canned food for dogs, cats, etc. Serial No. 405,050; Oct. 4. Class 46.

Autocrat Oil Burner Corporation, Cedar Rapids, Iowa. Humidifiers, air washing, air filtering, etc., air conditioning units. Serial No. 408,302; Oct. 4. Class 34.

Bissell Carpet Sweeper Co., Grand Rapids, Mich. Carpet sweeper. Serial No. 408,371; Oct. 4. Class 23.

Bosco Company, New York, N. Y. Chocolate syrups. Serial No. 408,449; Oct. 4. Class 46.

Braxton Motor Company, Sutton, W. Va. Automobile storage batteries. Serial No. 407,175; Oct. 4. Class 21.

Bright Biscuit Company, Inc., Kansas City, Kans. Crackers. Serial No. 407,848; Oct. 4. Class 46.

Brown, James, Mount Vernon, Ohio. Soap product. Serial No. 407,004; Oct. 4. Class 4.

California Wine Products Corporation, Jersey City, N. J. Wines. Serial No. 409,187; Oct. 4. Class 47.

Central Paper Co., Inc., Muskegon, Mich. Wrapping paper. Serial Nos. 408,264–6; Oct. 4. Class 37.

Champion Orange Company, Redlands, Calif. Fresh oranges. Serial No. 392,084; Oct. 4. Class 46.

Chatfield, Charles B., Woodbury, Conn. Crayons. Serial No. 409,233; Oct. 4. Class 37.

Chavis, Philip, doing business as Liberty Sales Co., New York, N. Y. Cream and paste preparation. Serial No. 409,297; Oct. 4. Class 6.

Cluff & Pickering, Ltd., New York, N. Y. Scotch whisky. Serial No. 409,910; Oct. 4. Class 49.

Colgate-Palmolive-Peet Company, Jersey City, N. J. Shampoo preparations, face creams, brilliantines, etc. Serial No. 409,384; Oct. 4. Class 6.

Collectaguide Co., The, New York, N. Y. Loose leaf book covers. Serial No. 409,188; Oct. 4. Class 37.

Collectaguide Co., The, New York, N. Y. Looseleaf book covers. Serial No. 409,190; Oct. 4. Class 37.

Collicutt, Earl H., assignor to The Aerofuser Company, Inc., New York, N. Y. Air mixer for ventilating systems. Serial No. 408,269; Oct. 4. Class 34.

Columbian Enameling & Stamping Co., Inc., Terre Haute, Ind. Enameled ware. Serial No. 399,746; Oct. 4. Class 13.

Combo Corporation, Rochester, N. Y. Combined automatic gas water heaters and incinerators. Serial No. 408,914; Oct. 4. Class 34.

Conn, C. G., Ltd., Elkhart, Ind. Accordions. Serial No. 398,558; Oct. 4. Class 36.

Crane, I. S., Inc., doing business as The Lit Company, Chicago, Ill. Cold water paints, paint enamels, varnishes, etc. Serial No. 401,988; Oct. 4. Class 16.

Crown Luggage Co. (See Neumann, Jacob.)

Davart Incorporated, New York, N. Y. Desk lamps, table lamps, boudoir lamps, etc. Serial No. 408,235; Oct. 4. Class 21.

De Land, C. M., New York, N. Y. Women's wraps, coats, and skirts. Serial No. 395,815; Oct. 4. Class 39.

Dick, Helen B., Huntington, Ind. Healing liquid or cream. Serial No. 406,050; Oct. 4. Class 6.

Duncan Weston & Company Limited, London, England. Whisky. Serial No. 405,188; Oct. 4. Class 49.

Du Pont, E. I., de Nemours and Company, Wilmington, Del. Chemical compound. Serial No. 409,764; Oct. 4. Class 6.

Elb Products, Inc., New York, N. Y. Plaited sheet material of paper, metal foil, or other materials for decorative, etc. uses. Serial No. 406,858; Oct. 4. Class 37.

Elliott, B. K., Company, Pittsburgh, Pa. Artists' brushes. Serial No. 408,600; Oct. 4. Class 29.

Enderes Incorporated, Albert Lea, Minn. Punches, solid punches, pin punches, etc. Serial No. 406,849; Oct. 4. Class 23.

Epstein-Nevas Co., The, doing business as Flagmaid Products Company, Stamford, Conn. Canned fruits and vegetables, canned fish, etc. Serial No. 408,567; Oct. 4. Class 46.

Fiorito, Theodore S., Newark, N. J. Sheet music. Serial No. 400,705; Oct. 4. Class 38.

Flagmaid Products Company. (See Epstein-Nevas Co., The.)

Frosted Cabinets Inc., Decatur, Ill. Refrigerators, refrigerator show cases, display cases, etc. Serial No. 409,769; Oct. 4. Class 31.

Fulton Bag & Cotton Mills, Atlanta, Ga. Collapsible truck tops. Serial No. 403,943; Oct. 4. Class 19.

Garden State Tanning Co., New York, N. Y. Raw hides. Serial No. 408,273; Oct. 4. Class 1.

Gatterdam, Eugene A., Phoenix, Ariz. Oral pollen antigen. Serial No. 397,114; Oct. 4. Class 6.

Gehlert, R. S., & Co., Detroit, Mich. Coffee percolators. Serial No. 408,381; Oct. 4. Class 13.

Gleason Works, The, Rochester, N. Y. Gear cutting tools and blades therefor. Serial No. 409,031; Oct. 4. Class 23.

Goldsmith Bros., New York, N. Y. Paper for loose leaf binders. Serial No. 408,462; Oct. 4. Class 37.

Goodyear Footwear Corporation, Providence, R. I. Footwear. Serial No. 403,946; Oct. 4. Class 39.

Greco, Salvatore S., Hawthorne, Calif. Facial preparation. Serial No. 407,479; Oct. 4. Class 6.

Grierson, Oldham & Company Limited, London, England. Wines. Serial No. 406,863; Oct. 4. Class 47.

Gross-Sydney Inc., New York, N. Y. Silk, acetate, woolen, etc. piece goods. Serial No. 404,217; Oct. 4. Class 42.

Gross-Sydney Inc., New York, N. Y. Silk, acetate, woolen, etc. piece goods. Serial No. 406,289; Oct. 4. Class 42.

Gulf Breeze Company, Dallas, Tex. Suction fans for attic ventilation. Serial No. 408,640; Oct. 4. Class 34.

H Mfg. & Sales Co., Inc., Amarillo, Tex. Boot and shoe stretching devices and adjusters. Serial No. 408,540; Oct. 4. Class 23.

Halaby, Samuel A., Rochester, N. Y. Insecticides. Serial No. 409,734; Oct. 4. Class 6.

Hamburger Company, The, Chicago, Ill. Blended and Scotch type whiskies. Serial No. 409,467; Oct. 4. Class 49.

Hercules Powder Company, Wilmington, Del. Resin. Serial Nos. 409,312–13; Oct. 4. Class 1.

Hillsboro-Queen Anne Cooperative Corp., Baltimore, Md. Canned vegetables. Serial No. 406,973; Oct. 4. Class 46.

Holophane Company, Inc., New York, N. Y. Globes and reflectors. Serial No. 395,527; Oct. 4. Class 34.

Howland, Ethel M., doing business as Karma Beauty Shop, Margaretville, N. Y. Hair tonic and scalp cleaner. Serial No. 409,523; Oct. 4. Class 6.

Hunter, C. Roy, doing business as Royal Date Gardens, Indio, Calif. Date confections. Serial No. 405,300; Oct. 4. Class 46.

Hunter Packing Company, East St. Louis, Ill. Dog food. Serial No. 402,186; Oct. 4. Class 46.

I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Artificial resins. Serial No. 408,464; Oct. 4. Class 1.

Joy Doll Corporation, New York, N. Y. Dolls, stuffed toys, airplane toys, etc. Serial No. 406,810; Oct. 4. Class 22.

Karma Beauty Shop. (See Howland, Ethel M.)

Kellogg Company, Battle Creek, Mich. Live stock, poultry and rabbit feed, and food for foxes, and other carnivorous animals. Serial No. 397,538; Oct. 4. Class 46.

Kimberly-Clark Corporation, Neenah, Wis. Catalog and booklet cover papers. Serial No. 400,769; Oct. 4. Class 37.

Koh-I-Noor Bleistiftfabrik L. & C. Hardtmuth, Budweis, Czechoslovakia. Pencils. Serial No. 408,387; Oct. 4. Class 37.

Lambert, Irvin, New York, N. Y. Concentrated sea vegetable food for seasonings. Serial No. 402,779; Oct. 4. Class 46.

Lawrence, Sam S., doing business as Lawrence Laboratories, Huntington, W. Va. Cough syrup. Serial No. 409,202; Oct. 4. Class 6.

Lever Brothers Company, Cambridge, Mass. Vegetable shortening. Serial No. 409,043; Oct. 4. Class 46.

Levinsohn Bros. & Co., Inc., New York, N. Y. Piece goods. Serial No. 409,320; Oct. 4. Class 42.

Liberty Mills. (See Royal Flour Company.)

Liberty Sales Co. (See Chavis, Philip.)

Lion Manufacturing Corporation, Chicago, Ill. Vent seals for storage tanks. Serial No. 408,115; Oct. 4. Class 13.

Lit Company, The. (See Crane, I. S., Inc.)

Lowenbaum, R., Manufacturing Co., St. Louis, Mo. Frocks and dresses. Serial No. 404,651; Oct. 4. Class 39.

Lum, Ko Wah, San Francisco, Calif. Cigarettes. Serial No. 409,406; Oct. 4. Class 17.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Macy, R. H., & Co., Inc., New York, N. Y. Ice cream mixes, canned fruits and vegetables, macaroons, etc. Serial No. 405,170; Oct. 4. Class 46.
Mallory, P. R., & Co., Inc., Indianapolis, Ind. Electric current rectifiers, electric battery chargers, rectifier battery chargers. Serial No. 408,652; Oct. 4. Class 21.
Mastin Products, Inc., New York, N. Y. Device impregnated with lotion to be applied to the eyes. Serial No. 409,365; Oct. 4. Class 6.
McGraw Electric Company, Chicago, Ill., and St. Louis, Mo. Fuses and circuit makers and breakers. Serial No. 395,743; Oct. 4. Class 21.
Memrilane Studios, New York, N. Y. Photograph albums and mounts, and film and coin carriers. Serial No. 406,689; Oct. 4. Class 37.
Meyers, Clarence L., & Co., Philadelphia, Pa. Hosiery. Serial No. 409,203; Oct. 4. Class 39.
Modern Diet Products, Inc. (See Modern Health Products, Inc.)
Modern Health Products, Inc., Milwaukee, Wis., now by change of name Modern Diet Products, Inc. Vegetable preparation comprising dehydrated vegetables rich in potassium. Serial No. 366,290; Oct. 4. Class 46.
Mooney, D. J., doing business as Snowdrop Patrick Co., Chicago, Ill. Cleaning preparation. Serial No. 409,325; Oct. 4. Class 4.
Morton Pottery Co., The, Morton, Ill. Pottery ware. Serial No. 407,154; Oct. 4. Class 30.
Myers, Ruth A., New York, N. Y. Facial powder. Serial No. 405,333; Oct. 4. Class 6.
National Biscuit Company, New York, N. Y. Whole wheat cereal. Serial No. 407,383; Oct. 4. Class 46.
National Package Drugs, Inc., St. Louis, Mo. Mineral oil, rubbing alcohol compound, cod liver oil, etc. Serial No. 404,259; Oct. 4. Class 6.
Neumann, Jacob, doing business as Crown Luggage Co., Baltimore, Md. Trunks and traveling bags and cases. Serial No. 407,680; Oct. 4. Class 3.
New Richmond Roller Mills Company, New Richmond, Wis. Puffed grains or cereals. Serial No. 406,873; Oct. 4. Class 46.
Ohio Valley Hardware & Roofing Company, Evansville, Ind. Asphalt composition roofing and building papers, steel roofing and sheets, roofing tin. Serial No. 408,472; Oct. 4. Class 12.
Osborne, Grace, Pittsburgh, Pa. Bread. Serial No. 408,656; Oct. 4. Class 46.
Oshan, Stanley H., New York, N. Y. Folded business card. Serial No. 408,821; Oct. 4. Class 38.
Ostermoor & Company, Inc., New York, N. Y. Furniture. Serial No. 395,484; Oct. 4. Class 32.
Parke, Davis & Company, Detroit, Mich. Pharmaceutical preparation. Serial No. 409,136; Oct. 4. Class 6.
Parke, Davis & Company, Detroit, Mich. Pharmaceutical preparations. Serial No. 409,137; Oct. 4. Class 6.
Pels, Henry & Company, Inc., New York, N. Y. Machines for punching, shearing, notching, etc. Serial No. 402,273; Oct. 4. Class 23.
Penguin Pie Co., Los Angeles, Calif. Combined cake and ice cream bar. Serial No. 403,734; Oct. 4. Class 46.
Penick & Ford, Ltd. Incorporated, New York, N. Y. Laundry starch. Serial No. 409,484; Oct. 4. Class 6.
Picot Laboratories, Inc., Wilmington, Del. Publication. Serial No. 405,969; Oct. 4. Class 38.
Pitman-Dreitzer & Co. Inc., New York, N. Y. Table and cooking glassware. Serial No. 409,227; Oct. 4. Class 33.
Plunkett-Webster Lumber Co., Inc., New Rochelle, N. Y. Lumber. Serial No. 394,754; Oct. 4. Class 12.
Pretorius, Martin W., Burbank, Calif. Prepared health foods. Serial No. 387,679; Oct. 4. Class 46.
Pro-phy-lac-tic Brush Company, Northampton, Mass. Brush blocks. Serial No. 408,287; Oct. 4. Class 29.
Reed, Walter C., North Hollywood, Calif. Vacuum cleaners. Serial No. 407,689; Oct. 4. Class 23.
Rice, William W., Chicago, Ill. Automatic photographing apparatus. Serial Nos. 408,657–8; Oct. 4. Class 26.
Richter & Phillips Company, The, Cincinnati, Ohio. Tongs used for holding roasts firmly in place. Serial No. 406,847; Oct. 4. Class 23.
Rider, Daniel H., doing business as Rider Safety Razor Co., New York, N. Y. Razor blades and pocket knives. Serial No. 408,400; Oct. 4. Class 23.
Ripy Bros. Distillers, Incorporated, Tyrone, assignor to T. B. Ripy Distillers, Inc., Lawrenceburg, Ky. Whisky. Serial No. 407,820; Oct. 4. Class 49.
Roach & Musser Company, Muscatine, Iowa. Factory fitted window units. Serial No. 408,074; Oct. 4. Class 12.
Rothholz, Wm. A., Co., Inc., New York, N. Y. Mothproofed woolen textile fabrics. Serial No. 408,134; Oct. 4. Class 42.
Rowland, Mary Scott, Ltd., New York, N. Y. Olive oil soap. Serial No. 408,208; Oct. 4. Class 4.
Royal Date Gardens. (See Hunter, C. Roy.)
Royal Flour Company, doing business as Liberty Mills, Nashville, Tenn. Wheat flour. Serial No. 405,746; Oct. 4. Class 46.
Scio-Ohio Pottery Company, The, Scio, Ohio. Pottery vases or jars. Serial No. 407,704; Oct. 4. Class 30.
Shay, J. C., Inc., Philadelphia, Pa. Colloidal liquid solution. Serial No. 409,212; Oct. 4. Class 6.
Shoe Form Co., Inc., Auburn, N. Y. Hosiery forms. Serial No. 408,517; Oct. 4. Class 50.
Snowdrop Patrick Co. (See Mooney, D. J.)
Sociedad Anónima MacKinnon & Coelho Ltda. Compañía Yerbatera, Buenos Aires, Argentina. Yerba mate (Paraguayan tea). Serial No. 409,442; Oct. 4. Class 46.
Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricating oils and greases and for petroleum fuel distillates. Serial No. 408,518; Oct. 4. Class 15.
Sorg Paper Co., The, Middletown, Ohio. Paper. Serial No. 408,211; Oct. 4. Class 37.
Spach, Briggs F., Co., Inc., New York, N. Y. Piece goods. Serial No. 409,711; Oct. 4. Class 42.
Spotswood Specialty Company, Lexington, Ky. Toy guns or pistols. Serial No. 409,022; Oct. 4. Class 22.
Stanlane Company. (See Stanton, Gertrude.)
Stanton, Gertrude, doing business as Stanlane Company, Chicago, Ill. Crystalline cleaning preparation. Serial No. 408,905; Oct. 4. Class 4.
Stern-Brown, Inc., New York, N. Y. Electric toasters, waffle irons, and grills. Serial No. 401,280; Oct. 4. Class 21.
Stevens & Thompson Paper Company, New York, N. Y. Paper trays. Serial No. 408,662; Oct. 4. Class 2.
Sunset Oil Company, Los Angeles, Calif. Gasoline. Serial No. 404,923; Oct. 4. Class 15.
Tobin, Richard R., doing business as R. R. Tobin Tobacco Co., Detroit, Mich. Smoking and chewing tobacco. Serial No. 408,220; Oct. 4. Class 17.
Traficanti Brothers, Chicago, Ill. Alimentary pastes. Serial No. 399,113; Oct. 4. Class 46.
Tricolator Company, Inc., New York, N. Y. Filter paper. Serial No. 409,176; Oct. 4. Class 37.
Union Steel Products Company, Albion, Mich. Baking ovens. Serial No. 409,015; Oct. 4. Class 34.
United States Envelope Company, Springfield, Mass. Paper, envelopes, and papeterie packages. Serial No 407,829; Oct. 4. Class 37.
Waterlow & Sons Limited, London, England. Bonds, share warrants, stamps, etc. Serial No. 407,613; Oct. 4. Class 38.
Webster Rubber Company, Sabattus, Maine. General utility implement. Serial No. 409,248; Oct. 4. Class 50.
Weinberg Corporation, Chicago, Ill. Suits, overcoats, and topcoats. Serial No. 409,017; Oct. 4. Class 39.

LIST OF REGISTRANTS OF TRADE-MARKS

Acme Spring Sash Balance Co. (See Kersting, Albert H.)
Adjusto Trailers, Inc., Denver, Colo. Trailers. 361,107; Oct. 4. Class 19.
Aktieselskabet Bing & Grøndahls Porcellænsfabrik, Copenhagen, Denmark. Art porcelain and stoneware figures of humans and animals. 361,039; Oct. 4; Serial No. 406,411; published July 26, 1938. Class 50.
Aluminum Industries, Inc., Cincinnati, Ohio. Pistons. 361,054; Oct. 4; Serial No. 406,743; published July 26, 1938. Class 23.
American Brush Corporation, Chicago, Ill. Paperhanger kits and wallpaper tool kits, and wallpaper tools. 360,955; Oct. 4; Serial No. 399,916; published July 26, 1938. Class 23.
American Fork & Hoe Company, The. (See C-K-R Company, The, assignor.)
American Maize-Products Company, New York, N. Y. Corn syrup. 361,023; Oct. 4. Serial No. 406,166; published July 26, 1938. Class 46.
Annin & Co., New York, N. Y. Manufactured flags. 124,360; renewed Feb. 11, 1939.
Arkansas Company, Inc., New York, N. Y. Finishing compound. 361,097; Oct. 4. Class 6.
Aroesty, Hyman J., doing business as Aroesty Products, Rochester, N. Y. Fruit jam. 360,945; Oct. 4; Serial No. 396,485; published July 26, 1938. Class 46.
Atlanta Salesbook Company. (See Griffin, J. W.)
Atlas Publishing Company, Inc., New York, N. Y. Directory of the wine and liquor trades. 361,040; Oct. 4; Serial No. 406,435; published July 26, 1938. Class 38.
Automatic Signal Corporation, New York, N. Y. Automatic electric traffic control signalling systems and apparatus, etc. 360,929; Oct. 4; Serial No. 389,971; published May 10, 1938. Class 21.
Automatic Signal Corporation, New York, N. Y. Automatic electric traffic control signalling systems, etc. 360,930; Oct. 4; Serial No. 389,972; published July 26, 1938. Class 21.

Barkon-Frink Tube Lighting Corporation, Long Island City, N. Y. Electric carbon dioxide lamps and fixtures used with same. 360,961–2; Oct. 4; Serial Nos. 401,131–2; published July 26, 1938. Class 21.
Bay State Milling Co., Winona, Minn. Rye flour and rye meal. 361,055; Oct. 4; Serial No. 406,745; published July 26, 1938. Class 46.
Beacon Manufacturing Company, Swannanoa, N. C. Blankets. 361,056; Oct. 4; Serial No. 406,746; published July 26, 1938. Class 42.
Bell & Zoller Coal Company, Chicago, Ill. Coal. 361,098; Oct. 4. Class 1.
Ben Mont Papers, Inc., Bennington, Vt. Coated paper. 361,027; Oct. 4; Serial No. 406,237; published July 26, 1938. Class 37.
Bobrow Bros., assignor to Bobrow Bros., Inc., Philadelphia, Pa. Cigars. 124,220; renewed Jan. 28, 1939.
Bostonia Beverages, Inc., also doing business as Nine Grand Products Company, Natick, Mass. Maltless beverages, syrups, extracts, and flavors used in making the same. 361,080; Oct. 4; Serial No. 407,258; published July 26, 1938. Class 45.
Bowl-Kleen Laboratories. (See Harris, Graham E.)
Boye Needle Company, The, Chicago, Ill. Slide fasteners. 360,982; Oct. 4; Serial No. 404,028; published July 26, 1938. Class 13.
Brickner & Bernfeld, Inc., New York, N. Y. Fur skins. 360,942; Oct. 4; Serial No. 394,574; published July 26, 1938. Class 1.
Bulliard, Edmond, doing business as Evangeline Pepper & Food Products, St. Martinville, La. Sauces. 360,938; Oct. 4; Serial No. 392,678; published July 26, 1938. Class 46.
C-K-R Company, The, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Rakes and parts thereof. 360,979; Oct. 4; Serial No. 403,755; published July 26, 1938. Class 23.
Cairo, Anthony, doing business as Edith Cavell Candy Company, Chicago, Ill. Candy. 360,988; Oct. 4; Serial No. 404,562; published July 26, 1938. Class 46.
California Mission Vintage Co. (See Moramarco, A.)
Carroll, Thomas L., doing business as The Modern Milk Products Co., Chicago, Ill. Compound of vegetable oils and skimmed milk as a food product. 360,924; Oct. 4; Serial No. 383,673; published July 26, 1938. Class 46.
Cavell, Edith, Candy Company. (See Cairo, Anthony.)
Celluloid Corporation, Newark, N. J. Box covers, display boxes, containers, etc. 360,976; Oct. 4; Serial No. 403,636; published July 26, 1938. Class 2.
Chapin-Sacks Manufacturing Company, to Southern Dairies, Inc., Washington, D. C., successor. Ice-cream. 122,577; renewed Aug. 27, 1938.
Chemco Photoproducts Company, Glen Cove, N. Y. Photographic and photo-engraving product. 361,019; Oct. 4; Serial No. 406,090; published July 26, 1938. Class 26.
Cheney Brothers, South Manchester, Conn. Flags and banners. 123,201; renewed Oct. 22, 1938.
Chilton Company. (See Class Journal Co., The, assignor.)
Church & Dwight Co. Inc., New York, N. Y. Baking soda. 360,967; Oct. 4; Serial No. 401,764; published July 26, 1938. Class 46.
Ciampa, Anthony, Bolivar, N. Y. Italian spaghetti sauce. 361,069; Oct. 4; Serial No. 406,959; published July 26, 1938. Class 46.
Class Journal Co., The, New York, N. Y., assignor, by mesne assignments, to Chilton Company, Philadelphia, Pa. Publication. 119,173; renewed Oct. 30, 1937.
Cohen, Meyer. (See Excello Hygienic Products Corporation, assignor.)
Colonial Textiles, Inc., New York, N. Y. Cheesecloth. 361,011; Oct. 4; Serial No. 405,915; published July 26, 1938. Class 42.
Corn Products Refining Company, New York, N. Y. Preparation for frostings, fillings, sauces, etc. 360,977; Oct. 4; Serial No. 403,677; published July 26, 1938. Class 46.
Corona Foothill Lemon Company, Corona, Calif. Fresh citrus fruit. 361,077; Oct. 4; Serial No. 407,133; published July 26, 1938. Class 46.
Cosmic-Ray Enterprises. (See Parfet, Ray T.)
Current Ideas Publishing Company, Chicago, Ill. Periodical publication. 361,044; Oct. 4; Serial No. 406,504; published July 26, 1938. Class 38.
Daly, Aubrey T., Washington, D. C. Candles. 360,935; Oct. 4; Serial No. 391,902; published July 26, 1938. Class 46.
D'Arrigo Bros. Company, San Jose, Calif. Fresh vegetables, fresh deciduous fruits, fresh citrus fruits, etc. 361,078; Oct. 4; Serial No. 407,135; published July 26, 1938. Class 46.
Denver Dry Goods Co., The, Denver, Colo. Saddles. 361,035; Oct. 4; Serial No. 406,376; published July 26, 1938. Class 3.
Desert Citrus Products Association, Tempe, Ariz. Canned citrus juices. 360,991; Oct. 4; Serial No. 404,836; published July 26, 1938. Class 46.
Distillers Company, Limited, The, Linden, N. J., and New York, N. Y. Gin. 361,070; Oct. 4; Serial No. 406,963; published July 26, 1938. Class 49.
Dormire, Ford H., Fenton, Mich. Fly boxes. 360,984; Oct. 4; Serial No. 404,124; published July 26, 1938. Class 22.
Doughnut Corporation of America, New York, N. Y., also doing business as Fixt Products, Ellicott City, Md. Flour, doughnuts, and cake.. 360,941; Oct. 4; Serial No. 394,130; published July 26, 1938. Class 46.
Dow Chemical Company, The, Midland, Mich. Films, foil or sheets. 360,953; Oct. 4; Serial No. 399,403; published July 26, 1938. Class 37.
Empire Tobacco Company, Kansas City, Mo. Smoking tobacco. 360,994–5; Oct. 4; Serial Nos. 405,062–3; published July 26, 1938. Class 17.
Erpi Classroom Films Inc., New York, N. Y. Talking motion picture films. 361,002; Oct. 4; Serial No. 405,491; published July 26, 1938. Class 26.
Evangeline Pepper & Food Products. (See Bulliard, Edmond.)
Excello Hygienic Products Corporation, assignor, by mesne assignments, to Meyer Cohen, New York, N. Y. Prophylactic rubber articles. 360,933; Oct. 4; Serial No. 390,953; published July 26, 1938. Class 44.
Fashion-Plate Clothes, Inc., New York, N. Y. Suits, coats, pants, etc. 361,028; Oct. 4; Serial No. 406,244; published July 12, 1938. Class 39.
Finch, Leon, Ltd., Los Angeles, Calif. Synthetic enamels. 360,989–90; Oct. 4; Serial Nos. 404,636–7; published July 26, 1938. Class 16.
Firth-Sterling Steel Company, McKeesport, Pa. Steel. 361,076; Oct. 4; Serial No. 407,096; published July 26, 1938. Class 14.
Fish-Schurman Corporation, New York, N. Y. Crucibles, filter tubes, ignition dishes, etc. 360,966; Oct. 4; Serial No. 401,526; published July 26, 1938. Class 26.
Fixt Products. (See Doughnut Corporation of America.)
Florence Mills, The, Forest City, N. C. Cotton piece goods. 124,568; renewed Feb. 25, 1939.
Foremost Dairies, Inc., Jacksonville, Fla. Ice cream. 360,949; Oct. 4; Serial No. 397,967; published July 26, 1938. Class 46.
Frailey Products, Inc., Norwalk, Conn. Soap, shaving cream, soap powder, etc. 360,957; Oct. 4; Serial No. 400,230; published July 26, 1938. Class 4.
French, Gus H., doing business as The Sanex Company, Minneapolis, Minn. Preparation for relief of pains caused by rheumatism and neuralgia. 361,114; Oct. 4. Class 6.
Fuchs, Joseph, doing business as Longlife Fish Food Products, Union City, N. J. Pet foods. 360,987; Oct. 4; Serial No. 404,406; published July 12, 1938. Class 46.
Fulton Bag & Cotton Mills, Atlanta, Ga. Bags of cotton or other fabric. 361,057; Oct. 4; Serial No. 406,756; published July 26, 1938. Class 2.
Fur's-Wool, Inc., New York, N. Y. Piece goods. 361,085; Oct. 4. Class 42.
Garofalo Bros. Co., Chicago, Ill. Canned fruits and canned vegetables. 360,939–40; Oct. 4; Serial Nos. 392,686–7; published July 26, 1938. Class 46.
Garrett and Company, Incorporated, Penn Yan, to Garrett & Company, Inc., Penn Yan, and Brooklyn, N. Y. Sparkling wines. 124,530; renewed Feb. 25, 1939.
Geffen Industries, Inc., Long Island City, N. Y. Wines. 361,030; Oct. 4; Serial No. 406,270; published July 26, 1938. Class 47.
Gimbel Brothers, Inc., New York, N. Y. Eggs and hams. 360,925; Oct. 4; Serial No. 385,093; published July 26, 1938. Class 46.
Gimple, Nellie E., Joliet, Ill. Cosmetics. 361,108; Oct. 4. Class 6.
Glass Bowl, The. (See Sher, Maurice.)
Glidden Company, The, Cleveland, Ohio. Soybean grits. 361,003; Oct. 4; Serial No. 405,500; published July 26, 1938. Class 46.
Glidden Company, The, Cleveland, Ohio. Metal protective paint. 361,086; Oct. 4. Class 16.
Goldsmith Bros., New York, N. Y. Sanitary napkins. 361,048; Oct. 4; Serial No. 406,551; published July 26, 1938. Class 44.
Gorton, Thomas S., Jr., doing business as Slade Gorton Company, Chicago, Ill. Fish. 360,975; Oct. 4; Serial No. 403,175; published July 26, 1938. Class 46.
Governair Corporation, Oklahoma City, Okla. Air conditioning units. 361,021; Oct. 4; Serial No. 406,130; published July 26, 1938. Class 34.
Griffin, J. W., doing business as Atlanta Salesbook Company, Atlanta, Ga. Salesbooks, sales slips, and statements. 361,012; Oct. 4; Serial No. 405,926; published July 26, 1938. Class 37.
Griffith Laboratories, Inc., The, Chicago, Ill. Salt composition for use in curing meats, etc. 361,111–3; Oct. 4. Class 6.
Grimwood, Harlan W., doing business as Kendall Cosmetic Co., Plano, Ill. Preparation for sunburn and for use as a hand cream. 361,092; Oct. 4. Class 6.
H. & H. Mfg. Co., Inc., The, Quidnick, R. I. Textile piece goods and rayon. 361,093; Oct. 4. Class 42.
Hall Hardware Company, Minneapolis, Minn. Fish lines. 361,067; Oct. 4; Serial No. 406,923; published July 26, 1938. Class 22.
Harold Fabrics, New York, N. Y. Piece goods. 361,075; Oct. 4; Serial No. 407,062; published July 26, 1938. Class 42.

Harris, Graham E., doing business as Bowl-Kleen Laboratories, Los Angeles, Calif. Preparation for opening drains, cleaning sinks, etc. 361,099; Oct. 4. Class 6.
Heiman, Arthur S., New York, N. Y. Rayon piece goods. 360,978; Oct. 4; Serial No. 403,687; published July 26, 1938. Class 42.
Hopper Paper Company, Taylorville, Ill. Papers and card stock. 361,115; Oct. 4. Class 37.
Humphrey, J. Allan, St. Louis, Mo. Cleansing cream, tissue cream, lipstick, etc. 361,101; Oct. 4. Class 6.
Iowa Limestone Company, Des Moines, Iowa. Crushed rock. 360,954; Oct. 4; Serial No. 399,663; published July 26, 1938. Class 1.
Jenaer Glaswerk Schott & Gen., Jena, Germany. Graduated bottles, beakers, flasks, test glasses, etc. 360,921; Oct. 4; Serial No. 376,159; published July 26, 1938. Class 26.
Jenaer Glaswerk Schott & Gen., Jena, Germany. Graduated bottles, beakers, flasks, test glasses, etc. 360,922; Oct. 4; Serial No. 378,964; published July 26, 1938. Class 26.
Jiranek, Leo A., New York, N. Y. Furniture. 361,000–1; Oct. 4; Serial Nos. 405,391–2; published July 26, 1938. Class 32.
Kafka, Melvin T., New York, N. Y. Transparent cover for jackets and book covers. 361,009; Oct. 4; Serial No. 405,776; published July 26, 1938. Class 37.
Karrant, Lovie, doing business as Lo.K.-Manufacturing Co., Claremore, Okla. Catamenial garments. 361,036; Oct. 4; Serial No. 406,385; published July 26, 1938. Class 44.
Kelmoor Fox and Fur Farm, Inc., Thompson, Ohio. Fox pelts and live foxes. 360,980; Oct. 4; Serial No. 403,821; published July 26, 1938. Class 1.
Kendall Cosmetic Co. (See Grimwood, Harlan W.)
Kersting, Albert H., doing business as Acme Spring Sash Balance Co., Los Angeles, Calif. Spring sash balances. 361,024; Oct. 4; Serial No. 406,220; published July 26, 1938. Class 13.
Kobacker Stores, Inc., Tiedtke Division, Toledo, Ohio. Butter. 360,985; Oct. 4; Serial No. 404,220; published July 26, 1938. Class 46.
Kraus Bros. & Co., Inc., New York, N. Y. Whiskies, gins, and alcoholic cordials. 361,109; Oct. 4. Class 49.
Lahoud, John, Caracas, Venezuela. Palm oil, face powders, hand lotions, etc. 361,087; Oct. 4. Class 6.
La Mode Studios, Inc., New York, N. Y. Electric lamps. 361,007; Oct. 4; Serial No. 405,700; published July 26, 1938. Class 21.
Lamont, Corliss & Company, New York, N. Y. Prepared edible chocolate. 360,919; Oct. 4; Serial No. 373,421; published July 26, 1938. Class 46.
Lapp Laboratories, Incorporated, Nevada, Iowa. Food concentrate or supplement. 360,936; Oct. 4; Serial No. 392,220; published July 26, 1938. Class 46.
Laucks, I. F., Inc., Seattle, Wash. Glue. 360,920; Oct. 4; Serial No. 375,255; published Aug. 2, 1938. Class 5.
Lees, James, & Sons Company, Bridgeport, Pa. House organ. 360,993; Oct. 4; Serial No. 404,994; published July 26, 1938. Class 38.
Libbey Glass Company, Toledo, Ohio. Drinking glasses, fruit cups, berry dishes, etc. 360,944; Oct. 4; Serial No. 396,366; published July 26, 1938. Class 33.
Link, Otto, & Co. Inc., New York, N. Y. Reeds for musical instruments. 361,008; Oct. 4; Serial No. 405,730; published July 26, 1938. Class 36.
Lit Brothers, Philadelphia, Pa. Gas ranges. 361,017; Oct. 4; Serial No. 406,062; published July 26, 1938. Class 34.
Logston, Pat, doing business as Southern Cooperative Canneries, Los Angeles, Calif. Canned fruits, canned vegetables, canned hominy, etc. 361,038; Oct. 4; Serial No. 406,390; published July 26, 1938. Class 46.
Logston, Pat, doing business as Southern Cooperative Canneries, Los Angeles, Calif. Canned fruits and vegetables, jams, etc. 361,037; Oct. 4; Serial No. 406,389; published July 19, 1938. Class 46.
Lo.K.-Manufacturing Co. (See Karrant, Lovie, assignor.)
Longlife Fish Food Products. (See Fuchs, Joseph.)
Lorraine Manufacturing Company, Pawtucket, R. I. Fabrics. 361,071; Oct. 4; Serial No. 406,981; published July 26, 1938. Class 42.
Luvos Clay Company of America, Los Angeles, Calif. Dietl-cum clay. 361,018; Oct. 4; Serial No. 406,079; published July 26, 1938. Class 1.
M. R. C. Limited, London, England. Mechanical remote control devices. 360,963; Oct. 4; Serial No. 401,158; published July 26, 1938. Class 23.
Mallary, Inc., New Rochelle, N. Y. Furniture. 361,060; Oct. 4; Serial No. 406,817; published July 26, 1938. Class 32.
Marshall, C. & E., Co., Chicago, Ill. Watch crystals. 360,946; Oct. 4; Serial No. 396,687; published Jan. 18, 1938. Class 33.
Massey-Harris Company, The, Racine, Wis. Combine harvesters. 361,061; Oct. 4; Serial No. 406,818; published July 26, 1938. Class 23.
McCrory Stores Corporation, New York, N. Y. Vacuum bottles. 361,041; Oct. 4; Serial No. 406,460; published July 26, 1938. Class 2.
McCullough, J. Chas. Seed Company, The, Cincinnati, Ohio. Seeds. 124,558; renewed Feb. 25, 1939.
Mid-States Gummed Paper Co., Chicago, Ill. Gummed paper tape. 361,042; Oct. 4; Serial No. 406,462; published July 26, 1938. Class 37.
Miller, Albert, & Co., Chicago, Ill. Paper bags for potatoes. 360,999; Oct. 4; Serial No. 405,263; published July 26, 1938. Class 2.
Mission Dry Corporation, Los Angeles, Calif. Gin and sloe gin. 360,973; Oct. 4; Serial No. 403,012; published July 5, 1938. Class 49.
Mission Dry Corporation, Los Angeles, Calif. Gin and sloe gin. 360,974; Oct. 4; Serial No. 403,013; published July 26, 1938. Class 49.
Modern Milk Products Co., The. (See Carroll, Thomas L.)
Monark Silver King, Inc., Chicago, Ill. Bicycles. 360,952; Oct. 4; Serial No. 399,196; published July 26, 1938. Class 19.
Moramarco, A., doing business as California Mission Vintage Co., Los Angeles, Calif. Brandy. 360,923; Oct. 4; Serial No. 381,213; published July 5, 1938. Class 49.
Moreno Bros., Inc., Los Angeles, Calif. Fresh deciduous fruits, fresh citrus fruits, fresh vegetables, etc. 361,031; Oct. 4; Serial No. 406,299; published July 26, 1938. Class 46.
Morey, Robert, New Haven, Conn. Card game and its accessories. 361,072; Oct. 4; Serial No. 406,983; published July 26, 1938. Class 22.
Morse & Skinner, Lodi, Calif. Fresh grapes. 361,049; Oct. 4; Serial No. 406,559; published July 26, 1938. Class 46.
Myers, Paul W., San Diego, Calif. Steak. 361,105; Oct. 4. Class 46.
N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Lighting glassware. 360,971; Oct. 4; Serial No. 402,310; published July 26, 1938. Class 34.
National Kream Co. Inc., Brooklyn, N. Y. Chocolate coating. 361,089; Oct. 4. Class 46.
Nepperhan Sales Company, Inc., New York, N. Y. Electrically-insulating varnished products. 360,947; Oct. 4; Serial No. 396,745; published July 26, 1938. Class 21.
New Hampshire Diatomite Company, Portsmouth, N. H. Filter aids prepared from diatomaceous earth. 361,016; Oct. 4; Serial No. 406,028; published July 26, 1938. Class 31.
Nine Grand Products Company. (See Bostonia Beverages, Inc.)
Non-Spill Paper Cup Corp., New York and Brooklyn, N. Y. Paper cups. 361,081; Oct. 4; Serial No. 407,274; published Aug. 2, 1938. Class 2.
Norcross, New York, N. Y. Greeting cards, calendars, and decorative painted tags. 361,058; Oct. 4; Serial No. 406,771; published July 26, 1938. Class 38.
North American Food Corporation, New York, N. Y. Mayonnaise, salad dressing, and sandwich spread. 360,992; Oct. 4; Serial No. 404,951; published July 26, 1938. Class 46.
North British Rubber Company Ltd., The, Edinburgh, Scotland. Golf-balls. 121,935; renewed June 11, 1938.
North British Rubber Company Ltd., The, Edinburgh, Scotland. Golf-balls. 123,378; renewed Oct. 29, 1938.
Northern Incandescent Lamp Company. (See Werner, Robert G.)
O'Brien Varnish Company, South Bend, Ind. Varnishes, paints, paint enamels, etc. 361,104; Oct. 4. Class 16.
O-Cedar Corp'n., Chicago, Ill. Mops. 361,013; Oct. 4; Serial No. 405,934; published July 26, 1938. Class 29.
Odora Company, Inc., New York, N. Y. Paperboard or corrugated paperboard storage receptacles. 361,045; Oct. 4; Serial No. 406,524; published July 26, 1938. Class 2.
Old Dutch Chemical Company, Brooklyn, N. Y. Liquid chlorine solution. 361,096; Oct. 4. Class 6.
Onondaga Silk Company, Inc., New York, N. Y. Silk piece goods. 361,063; Oct. 4; Serial No. 406,874; published July 26, 1938. Class 42.
Oppleman, L., Inc., New York, N. Y. Range finder for cameras. 361,050; Oct. 4; Serial No. 406,599; published July 26, 1938. Class 26.
Osmo Garden Company, The, Philadelphia, Pa. Sterile medium to facilitate the growth of seeds, cuttings, and seedlings. 360,934; Oct. 4; Serial No. 391,823; published July 26, 1938. Class 50.
Oswego Shade Cloth Company, Oswego, N. Y. Shadecloth. 122,735–6; renewed Sept. 10, 1938.
Pan American Airways, Inc., New York, N. Y. Magazine. 360,928; Oct. 4; Serial No. 387,612; published July 26, 1938. Class 38.
Parfait Powder Puff Co., Inc., Chicago, Ill. Minute facials comprising softening lotion, skin cleanser and powder base. 361,110; Oct. 4. Class 6.
Parfet, Ray T., doing business as Cosmic-Ray Enterprises, Kalamazoo, Mich. Plant food. 361,079; Oct. 4; Serial No. 407,240; published Aug. 2, 1938. Class 10.
Parfumerie St. Denis, New York, N. Y. Astringents, astringent cerates, bleach creams, etc. 361,090; Oct. 4. Class 6.
Parker, Joseph, & Son Company, New Haven, Conn. Blotting-paper. 123,449; renewed Nov. 12, 1938.
Parker, Joseph, & Son Company, New Haven, Conn. Blotting-paper. 123,635; renewed Nov. 19, 1938.
Parker, Joseph, & Son Company, New Haven, Conn. Blotting-paper. 123,921; renewed Dec. 17, 1938.

Parker, Wilder & Co., New York, N. Y. Woolen piece goods. 361,064; Oct. 4; Serial No. 406,877; published July 26, 1938. Class 42.
Parrot Speed Fastener Corp., New York and Long Island City, N. Y. Paper fasteners, prongs for paper fasteners, etc. 360,970; Oct. 4; Serial No. 402,271; published July 26, 1938. Class 37.
Patchogue-Plymouth Mills Corporation, New York, N. Y. Nottingham lace curtains. 361,084; Oct. 4. Class 42.
Petroleum Register Corporation, New York, N. Y. Periodical publication. 361,025; Oct. 4; Serial No. 406,225; published July 26, 1938. Class 38.
Pevely Dairy Company, St. Louis, Mo. Cream cheese. 360,931; Oct. 4; Serial No. 390,281; published July 26, 1938. Class 46.
Philadelphia Daily News, Inc., Philadelphia, Pa. Section of a newspaper. 360,969; Oct. 4; Serial No. 402,202; published July 26, 1938. Class 38.
Phoenix Pie Company, Portsmouth, Ohio. Pies. 361,095; Oct. 4. Class 46.
Pictograf Corporation, Carson City, Nev., and Hollywood, Calif. Wood-cased lead pencils, mechanical lead pencils, etc. 361,014; Oct. 4; Serial No. 405,970; published July 26, 1938. Class 37.
Pig Peggy Company, Brockton, Mass. Paddle to be used for playing a paddle and peg game. 361,052; Oct. 4; Serial No. 406,669; published July 26, 1938. Class 22.
Piowaty Bros. Inc., Chicago, Ill. Fresh citrus fruits. 360,948; Oct. 4; Serial No. 397,485; published July 26, 1938. Class 46.
Porcelain Products, Inc., Findlay, Ohio. High tension electrical insulators. 360,986; Oct. 4; Serial No. 404,265; published July 26, 1938. Class 21.
Prescott Company, The, Menominee, Mich. Sawmill and mining machinery, accessories, and parts. 360,983; Oct. 4; Serial No. 404,056; published July 26, 1938. Class 23.
Prophylactic Foot Powder Co., Brooklyn, N. Y. Foot powder. 361,091; Oct. 4. Class 6.
Protex Products Co., Inc., Jersey City, N. J. Garment hanger protectors and trousers and pants guards. 361,046; Oct. 4; Serial No. 406,525; published July 26, 1938. Class 50.
Quality Brand, Inc., San Francisco, Calif. Wines. 361,020; Oct. 4; Serial No. 406,099; published July 26, 1938. Class 47.
RCA Manufacturing Company, Inc., Camden, N. J. Radio receiving sets, television receiving sets, etc. 361,053; Oct. 4; Serial No. 406,670; published July 26, 1938. Class 21.
Remington Rand Inc. (See Standard Typewriter Manufacturing Company, assignor.)
Revere Rubber Company, Boston, Mass., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Rubber belting and hose. 16,066; re-renewed Dec. 4, 1938.
Revlon Nail Enamel Corporation, The, New York, N. Y. Enamel adapted for coating finger nails. 361,102; Oct. 4. Class 6.
Rival Manufacturing Company. (See Talge, Foster L.)
Roselux Chemical Co. Inc., New York, N. Y. Liquid waxing compounds. 360,964; Oct. 4; Serial No. 401,318; published July 26, 1938. Class 16.
Roselux Chemical Co. Inc., New York, N. Y. Cleaning compound. 361,015; Oct. 4; Serial No. 405,971; published July 26, 1938. Class 4.
Salsinger, Frank R., Wyoming, Pa. Series of special articles. 361,010; Oct. 4; Serial No. 405,897; published July 26, 1938. Class 38.
Sanex Company. (See French, Gus H.)
Sarnay Products, Inc., New York, N. Y. Medicated cream. 361,088; Oct. 4. Class 6.
Scelto Packing Co., New York, N. Y. Compound of vegetable and olive oil. 361,094; Oct. 4. Class 46.
Sealy Mattress Co., Sugar Land, Tex., assignor, by mesne assignments, to Sealy, Incorporated, North Side, Pittsburgh, Pa. Mattresses. 122,619–20; renewed Aug. 27, 1938.
Selchow & Righter Company, New York, N. Y. Game pieces for use in playing "jacks". 361,074; Oct. 4; Serial No. 407,037; published July 26, 1938. Class 22.
Selmer, H. & A., Incorporated, Elkhart, Ind. Container for portable music stands and the like. 361,073; Oct. 4; Serial No. 406,987; published Aug. 2, 1938. Class 2.
Sheet Polarizer Company, Inc., Union City, N. J. Composite material. 360,956; Oct. 4; Serial No. 400,038; published July 26, 1938. Class 26.
Sher, Maurice, doing business as The Glass Bowl, Columbus, Ohio. Coffee. 361,068; Oct. 4; Serial No. 406,946; published July 26, 1938. Class 46.
Shoe Form Co., Inc., Auburn, N. Y. Shoe forms. 361,103; Oct. 4. Class 50.
Siebel Publishing Company, Chicago, Ill. Periodical. 360,968; Oct. 4; Serial No. 401,792; published July 26, 1938. Class 38.
Sims, B., Corporation, New York, N. Y. Hats, caps, turbans, etc. 361,100; Oct. 4. Class 39.
Smith, L. C., & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machines. 361,051; Oct. 4; Serial No. 406,605; published July 26, 1938. Class 23.
Societe Anonyme Boralex, Le Quesnoy, France. Plate glass, crystal glass. 360,951; Oct. 4; Serial No. 398,275; published July 26, 1938. Class 33.
Society of Chemical Industry in Basle, Basel, Switzerland. Coal-tar colors. 122,753; renewed Sept. 10, 1938.
Society of Chemical Industry in Basle, Basel, Switzerland. Pharmaceutical products. 122,754; renewed Sept. 10, 1938.
Society of Chemical Industry in Basle, Basel, Switzerland. Coal-tar colors. 122,755; renewed Sept. 10, 1938.
Society of Chemical Industry in Basle, Basel, Switzerland. Pharmaceutical products. 122,756; renewed Sept. 10. 1938.
Southern Cooperative Canneries. (See Logston, Pat.)
Southern Dairies, Inc. (See Chapin-Sacks Manufacturing Company.)
Southwestern Mill Distributors. (See Sterling, Benjamin B.)
Standard Typewriter Manufacturing Company, New York, assignor, by mesne assignments, to Remington Rand Inc., Buffalo, N. Y. Type-writing machines. 15,960–2; re-renewed Oct. 23, 1938.
Standard Wholesale Grocery Co., Chicago, Ill. Canned fruits, canned vegetables, canned fish, etc. 360,937; Oct. 4; Serial No. 392,506; published July 26, 1938. Class 46.
Stensgaard, W. L., & Associates, Inc., Chicago, Ill. Advertising figures, devices, and display settings. 360,981; Oct. 4; Serial No. 403,971; published July 26, 1938. Class 50.
Sterling, Benjamin B., doing business as Southwestern Mill Distributors, El Paso, Tex. Wrapping paper, butcher paper, wax paper, etc. 360,965; Oct. 4; Serial No. 401,454; published July 26, 1938. Class 37.
Stewart-Warner Corporation, Chicago, Ill. Lubricant dispensers and compressors; lubricant receiving fittings, etc. 360,927; Oct. 4; Serial No. 386,564; published July 26, 1938. Class 23.
Summers, Walter G., New York, N. Y. Device for the measurement of emotions and the detection of deception. 361,006; Oct. 4; Serial No. 405,623; published July 26, 1938. Class 26.
Sunny Hills Wineries, Inc., Chicago, Ill. Wines. 360,996; Oct. 4; Serial No. 405,138; published July 26, 1938. Class 47.
Sweet's Steel Company, Williamsport, Pa. Steel fence posts and steel posts for supporting signs and billboards. 360,960; Oct. 4; Serial No. 400,805; published July 26, 1938. Class 13.
Talge, Foster L., doing business as Rival Manufacturing Company, Kansas City, Mo. Base metal steak platters. 361,047; Oct. 4; Serial No. 406,534; published July 26, 1938. Class 13.
Tilleston & Hollingsworth Company, Boston, Mass. Package of printing paper. 360,932; Oct. 4; Serial No. 390,568; published July 26, 1938. Class 37.
Tinney, Hazel, Alamagordo, N. Mex. Plows. 360,950; Oct. 4; Serial No. 397,980; published July 26, 1938. Class 23.
Train & McIntyre, Limited, Glasgow, Scotland. Whisky. 361,026; Oct. 4; Serial No. 406,234; published July 26, 1938. Class 49.
Union Paper & Twine Company, The, Cleveland, Ohio. Wrapping papers, paper envelopes, sheathing papers, etc. 360,926; Oct. 4; Serial No. 386,231; published July 26, 1938. Class 37.
United Biscuit Company, Chicago, Ill. Zwieback. 361,004; Oct. 4; Serial No. 405,532; published July 26, 1938. Class 46.
United Feature Syndicate, Inc., New York, N. Y. Title for comic drawings. 361,043; Oct. 4; Serial No. 406,480; published July 26, 1938. Class 38.
United States Rubber Company. (See Revere Rubber Company, assignor.)
Valenju, Incorporated, Chicago, Ill. Beverages, syrups, extracts and concentrates used in making the same. 361,082; Oct. 4; Serial No. 407,399; published July 26, 1938. Class 45.
Valenju, Incorporated, Chicago, Ill. Beverages, syrups, extracts, and concentrates used in making the same. 361,083; Oct. 4; Serial No. 407,401; published July 26, 1938. Class 45.
Veldown Company, Inc., New York, N. Y. Cleansing tissues. 360,997; Oct. 4; Serial No. 405,228; published July 26, 1938. Class 37.
Veldown Company, Inc., New York, N. Y. Catamenial bandages. 360,998; Oct. 4; Serial No. 405,230; published July 26, 1938. Class 44.
Velveray Corporation of America, New York, N. Y. Piece goods. 361,032; Oct. 4; Serial No. 406,309; published July 26, 1938. Class 42.
Velveray Corporation of America, New York, N. Y. Piece goods. 361,033–4; Oct. 4; Serial Nos. 406,311–12; published July 26, 1938. Class 42.
Wagner Specialty Company, Burlington, Wis. Faucets for use on oil and gas drums. 361,059; Oct. 4; Serial No. 406,790; published July 26, 1938. Class 13.
Walker & Sellers, Tampa, Fla. Fruit juices. 361,065–6; Oct. 4; Serial Nos. 406,893–4; published July 26, 1938. Class 46.
Walsh, Christy, doing business as The Christy Walsh Management, New York, N. Y. Newspaper articles. 360,959; Oct. 4; Serial No. 400,710; published July 26, 1938. Class 38.
Weeks, Frank A., Mfg. Co., New York, N. Y. Calendars. 124,625; renewed Feb. 25, 1939.

Welsh Co., St. Louis, Mo. Baby carriages. 361,022; Oct. 4; Serial No. 406,159; published July 26, 1938. Class 19.

Werner, Robert G., doing business as Northern Incandescent Lamp Company, Hoboken, N. J. Electric lamp bulbs. 361,005; Oct. 4; Serial No. 405,535; published July 26, 1938. Class 21.

Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical luminaires. 360,943; Oct. 4; Serial No. 395,104; published July 26, 1938. Class 21.

Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioners. 361,062; Oct. 4; Serial No. 406,843; published July 26, 1938. Class 34.

Westminster Steel Company, New York, N. Y. Razor blades. 360,972; Oct. 4; Serial No. 402,751; published July 26, 1938. Class 23.

Wilson, Ralph W., Company, Inc., New York, N. Y. Caps for receptacles. 361,029; Oct. 4; Serial No. 406,266; published July 26, 1938. Class 50.

Windsor-Lloyd Products Inc., Wilmington, Del. Solder. 361,106; Oct. 4. Class 6.

Young, L. Romaine, Inc., Seattle, Wash. Denture rebases. 360,958; Oct. 4; Serial No. 400,270; published July 26, 1938. Class 44.

LIST OF REGISTRANTS OF LABELS

Aren Beverage & Spring Water Co., Milwaukee, Wis. Snooks. For a Carbonated Beverage. 51,892; Oct. 4.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Coffee. For Coffee. 51,893; Oct. 4.

California Wine Company, Inc., Chicago, Ill. Northern. For California Grape Brandy. 51,894; Oct. 4.

California Wine Company, Inc., Chicago, Ill. Mineota. For Straight California Grape Brandy. 51,895; Oct. 4.

Carter Products, Inc., New York, N. Y. Arrid. For a Cream Deodorant. 51,896; Oct. 4.

Clayton, A. C., Printing Co., St. Louis, Mo. Fine Footwear. For Footwear. 51,897; Oct. 4.

Crown Zellerbach Corporation, doing business as National Paper Products Company, San Francisco, Calif. Prophylactic Bathroom Cleansing Tissue. For Bathroom Cleansing Tissue. 51,898; Oct. 4.

Cudahy Brothers Co., Cudahy, Wis. Peacock Sliced Dried Beef. For Dried Beef. 51,899; Oct. 4.

Debus Corporation, The, Hastings, Nebr. Debus Rice Bio-Nups for Youths and Grown-Ups. For Prepared Rice in Puffed or Exploded Form. 51,900; Oct. 4.

Delaunay Beverage Company, Inc., New York, N. Y. Original Cafay, a Sparkling Beverage Prepared from Freshly Brewed Coffee, Every Drop is Perfect. For Carbonated Coffee Beverage. 51,901; Oct. 4.

Enterprise Brewing Company, Fall River, Mass. Enterprise Bohemian Brand. For Beer. 51,902; Oct. 4.

Enterprise Brewing Company, Fall River, Mass. Clyde. For Cream Ale. 51,903; Oct. 4.

Enterprise Brewing Company, Fall River, Mass. White Seal. For Ale. 51,904; Oct. 4.

Federal Composition & Paint Company, Inc., The, New York, N. Y. Old Mariners Flat White Brushing Paint. For Flat White Brushing Paint. 51,905; Oct. 4.

Federal Composition & Paint Company, Inc., The, New York, N. Y. Old Mariners Stipple Flat White Paint. For Stipple Flat White Paint. 51,906; Oct. 4.

Gilbert, A. C., Company, The, New Haven, Conn. American Flyer Trains. For Trains. 51,907; Oct. 4.

Johnson, S. C., & Son, Inc., Racine, Wis. Johnson's Penetrating Oil Stain Wood Dye. For a Wood Dye. 51,908; Oct. 4.

Johnson, S. C., & Son, Inc., Racine, Wis. Johnson's Quick Drying Wood Filler (Paste). For a Paste Wood Filler. 51,909; Oct. 4.

National Distillers Products Corporation, New York, N. Y. Town Tavern. For Straight Rye Whiskey. 51,910; Oct. 4.

National Paper Products Company. (See Crown Zellerbach Corporation.)

Penick & Ford, Ltd. Incorporated, New York, N. Y. My-T-Fine. For Lemon Pie Filling. 51,911; Oct. 4.

Wentzel, Robert A., Palmyra, Pa. Faemade Undies, Aprons and Dresses. For Undies, Aprons and Dresses. 51,912; Oct. 4.

Wine Corporation of America, Chicago, Ill. Merton Lee's Brand. For California Cognac Brandy. 51,913; Oct. 4.

LIST OF REGISTRANTS OF PRINTS

National Silk Hosiery Mills, Inc., Indianapolis, Ind. New Invis-O-Rib Stitch. For Hosiery. 17,063; Oct. 4.

Wentzel, Robert A., Palmyra, Pa. Faemade Undies, Aprons and Dresses. For Undies, Aprons and Dresses. 17,064; Oct. 4.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Clay, Dieti-cum. Luvos Clay Company of America. 361,018; Oct. 4; Serial No. 406,079; published July 26, 1938.

Coal. Bell & Zoller Coal Company. 361,098; Oct. 4.

Pelts and live foxes, Fox. Kelmoor Fox and Fur Farm, Inc. 360,980; Oct. 4; Serial No. 403,821; published July 26, 1938.

Rock, Crushed. Iowa Limestone Company. 360,954; Oct. 4; Serial No. 399,663; published July 26, 1938.

Seeds. J. Chas. McCullough Seed Company. 124,558; renewed Feb. 25, 1939.

Skins, Fur. Brickner & Bernfeld, Inc. 360,942; Oct. 4; Serial No. 394,574; published July 26, 1938.

CLASS 2

Bags for potatoes, Paper. Albert Miller & Co. 360,999; Oct. 4; Serial No. 405,263; published July 26, 1938.

Bags of cotton or other fabric. Fulton Bag & Cotton Mills. 361,057; Oct. 4; Serial No. 406,756; published July 26, 1938.

Bottles, Vacuum. McCrory Stores Corporation. 361,041; Oct. 4; Serial No. 406,460; published July 26, 1938.

Box covers, display boxes, containers, etc. Celluloid Corporation. 360,976; Oct. 4; Serial No. 403,636; published July 26, 1938.

Container for portable music stands and the like, Specially built. H. & A. Selmer, Incorporated. 361,073; Oct. 4; Serial No. 406,987; published Aug. 2, 1938.

Cups, Paper. Non-Spil Paper Cup Corp. 361,081; Oct. 4; Serial No. 407,274; published Aug. 2, 1938.

Receptacles, Paperboard or corrugated paperboard storage. Odorn Company. 361,045; Oct. 4; Serial No. 406,524; published July 26, 1938.

CLASS 3

Saddles. Denver Dry Goods Co. 361,035; Oct. 4; Serial No. 406,376; published July 26, 1938.

CLASS 4

Cleaning compound. Roselux Chemical Co. 361,015; Oct. 4; Serial No. 405,971; published July 26, 1938.

Soap, shaving cream, soap powder, etc. Frailey Products, Inc. 360,957; Oct. 4; Serial No. 400,230; published July 26, 1938.

CLASS 5

Glue. I. F. Laucks, Inc. 360,920; Oct. 4; Serial No. 375,255; published Aug. 2, 1938.

CLASS 6

Astringents, astringent cerates, bleach creams, etc. Parfumerie St. Denis. 361,090; Oct. 4.

Chlorine solution, Liquid. Old Dutch Chemical Company. 361,096; Oct. 4.

Colors, Coal-tar. Society of Chemical Industry in Basle. 122,753; renewed Sept. 10, 1938.

Colors, Coal-tar. Society of Chemical Industry in Basle. 122,755; renewed Sept. 10, 1938.

Cosmetics. N. E. Gimple. 361,108; Oct. 4.

Cream, Medicated. Sarnay Products, Inc. 361,088; Oct. 4.

Cream, tissue cream, lipstick, etc., Cleansing. J. A. Humphrey. 361,101; Oct. 4.

Enamel adapted for coating finger nails. Revlon Nail Enamel Corporation. 361,102; Oct. 4.

Facials comprising softening lotion, skin cleanser and powder base. Parfait Powder Puff Co. 361,110; Oct. 4.

Finishing compound. Arkansas Company. 361,097; Oct. 4.

Hats, caps, turbans, etc. B. Sims Corporation. 361,100; Oct. 4.

Palm oil, face powders, hand lotions, etc. J. Lahoud. 361,087; Oct. 4.

Pharmaceutical products. Society of Chemical Industry in Basle. 122,754; renewed Sept. 10, 1938.

Pharmaceutical products. Society of Chemical Industry in Basle. 122,756; renewed Sept. 10, 1938.

Powder, Foot. Prophylactic Foot Powder Co. 361,091; Oct. 4.

Preparation for opening drains, cleaning sinks, etc. G. E. Harris. 361,099; Oct. 4.

Preparation for relief of pains caused by rheumatism and neuralgia. G. H. French. 361,114; Oct. 4.

Preparation for sunburn and for use as a hand cream. H. W. Grimwood. 361,092; Oct. 4.

Salt composition for use in curing meats, etc. Griffith Laboratories, Inc. 361,111–13; Oct. 4.

Solder. Windsor-Lloyd Products Inc. 361,106; Oct. 4.

CLASS 10

Plant food. R. T. Parfet. 361,079; Oct. 4; Serial No. 407,240; published Aug. 2, 1938.

CLASS 13

Balances, Spring sash. A. H. Kersting. 361,024; Oct. 4; Serial No. 406,220; published July 26, 1938.

Fasteners, Shade. Boye Needle Company. 360,982; Oct. 4; Serial No. 404,028; published July 26, 1938.

Faucets for use on oil and gas drums. Wagner Specialty Company. 361,059; Oct. 4; Serial No. 406,790; published July 26, 1938.

Platters, Base metal steak. F. L. Talge. 361,047; Oct. 4; Serial No. 406,534; published July 26, 1938.

Posts and steel posts for supporting signs and billboards, Steel fence. Sweet's Steel Company. 360,960; Oct. 4; Serial No. 400,805; published July 26, 1938.

CLASS 14

Steel. Firth-Sterling Steel Company. 361,076; Oct. 4; Serial No. 407,096; published July 26, 1938.

CLASS 16

Enamels, Synthetic. Leon Finch Ltd. 360,989–90; Oct. 4; Serial Nos. 404,636–7; published July 26, 1938.

Paint, Metal protective. Glidden Company. 361,086; Oct. 4.

Varnishes, paints, paint enamels, etc. O'Brien Varnish Company. 361,104; Oct. 4.

Waxing compounds, Liquid. Roselux Chemical Co. Inc. 360,964; Oct. 4; Serial No. 401,318; published July 26, 1938.

CLASS 17

Cigars. Bobrow Bros. 124,220; renewed Jan. 28, 1939.

Tobacco, Smoking. Empire Tobacco Company. 360,994–5; Oct. 4; Serial Nos. 405,062–3; published July 26, 1938.

CLASS 19

Bicycles. Monark Silver King, Inc. 360,952; Oct. 4; Serial No. 399,196; published July 26, 1938.

Carriages, Baby. Welsh Co. 361,022; Oct. 4; Serial No. 406,159; published July 26, 1938.

Trailers. Adjusto Trailers, Inc. 361,107; Oct. 4.

CLASS 21

Electrically-insulating varnished products. Nepperhan Sales Company. 360,947; Oct. 4; Serial No. 396,745; published July 26, 1938.

Insulators, High tension electrical. Porcelain Products, Inc. 360,986; Oct. 4; Serial No. 404,265; published July 26, 1938.

Lamp bulbs, Electric. R. G. Werner. 361,005; Oct. 4; Serial No. 405,535; published July 26, 1938.

Lamps and fixtures used with same, Electric carbon dioxide. Barkon-Frink Tube Lighting Corporation. 360,961–2; Oct. 4; Serial Nos. 401,131–2; published July 26, 1938.

Lamps, Electric. La Mode Studios, Inc. 361,007; Oct. 4; Serial No. 405,700; published July 26, 1938.

Luminaires, Electrical. Westinghouse Electric & Manufacturing Company. 360,943; Oct. 4; Serial No. 395,104; published July 26, 1938.

Radio receiving sets, television receiving sets, etc. RCA Manufacturing Company. 361,053; Oct. 4; Serial No. 406,670; published July 26, 1938.

Signalling systems and apparatus, etc., Automatic electric traffic control. Automatic Signal Corporation. 360,929; Oct. 4; Serial No. 389,971; published May 10, 1938.

Signalling systems etc., Automatic electric traffic control. Automatic Signal Corporation. 360,930; Oct. 4; Serial No. 389,972; published July 26, 1938.

CLASS 22

Fish lines. Hall Hardware Company. 361,067; Oct. 4; Serial No. 406,923; published July 26, 1938.

Fly boxes. F. H. Dormire. 360,984; Oct. 4; Serial No. 404,124; published July 26, 1938.

Game and its accessories, Card. R. Morey. 361,072; Oct. 4; Serial No. 406,983; published July 26, 1938.

Game pieces for use in playing "jacks". Selchow & Righter Company. 361,074; Oct. 4; Serial No. 407,037; published July 26, 1938.

Golf-balls. North British Rubber Company Ltd. 121,935; renewed June 11, 1938.

Golf-balls. North British Rubber Company Ltd. 123,378; renewed Oct. 29, 1938.

Paddle to be used for playing a paddle and pig game. Pig Peggy Company. 361,052; Oct. 4; Serial No. 406,669; published July 26, 1938.

CLASS 23

Combine harvesters. Massey-Harris Company. 361,061; Oct. 4; Serial No. 406,818; published July 26, 1938.

Dispensers and compressors; lubricant receiving fittings, etc., Lubricant. Stewart-Warner Corporation. 360,927; Oct. 4; Serial No. 386,564; published July 26, 1938.

Paperhanger kits and wallpaper tool kits, and wallpaper tools. American Brush Corporation. 360,955; Oct. 4; Serial No. 399,916; published July 26, 1938.

Pistons. Aluminum Industries, Inc. 361,054; Oct. 4; Serial No. 406,743; published July 26, 1938.

Plows. H. Tinney. 360,950; Oct. 4; Serial No. 397,989; published July 26, 1938.

Rakes and parts thereof. C-K-R Company. 360,979; Oct. 4; Serial No. 403,755; published July 26, 1938.

Razor blades. Westminster Steel Company. 360,972; Oct. 4; Serial No. 402,751; published July 26, 1938.

Remote control devices, Mechanical. M. R. C. Limited. 360,963; Oct. 4; Serial No. 401,158; published July 26, 1938.

Sawmill and mining machinery, accessories, and parts. Prescott Company. 360,983; Oct. 4; Serial No. 404,056; published July 26, 1938.

Typewriting machines. L. C. Smith & Corona Typewriters, Inc. 361,051; Oct. 4; Serial No. 406,605; published July 26, 1938.

Type-writing machines. Standard Typewriter Manufacturing Company. 15,900–2; re-renewed Oct. 23, 1938

CLASS 26

Bottles, beakers, flasks, test glasses, etc., Graduated. Jenaer Glaswerk Schott & Gen. 360,921; Oct. 4; Serial No. 376,159; published July 26, 1938.

Bottles, beakers, flasks, test glasses, etc., Graduated. Jenaer Glaswerk Schott & Gen. 360,922; Oct. 4; Serial No. 378,964; published July 26, 1938.

Composite material. Sheet Polarizer Company. 360,956; Oct. 4; Serial No. 400,038; published July 26, 1938.

Crucibles, filter tubes, ignition dishes, etc. Fish-Schurman Corporation. 360,966; Oct. 4; Serial No. 401,526; published July 26, 1938.

Device for the measurement of emotions and the detection of deception. W. G. Summers. 361,006; Oct. 4; Serial No. 405,623; published July 26, 1938.

Films, Talking motion picture. Erpi Classroom Films Inc. 361,002; Oct. 4; Serial No. 405,491; published July 26, 1938.

Photographic and photo-engraving product. Chemco Photoproducts Company. 361,019; Oct. 4; Serial No. 406,090; published July 26, 1938.

Range finder for cameras. L. Oppleman, Inc. 361,050; Oct. 4; Serial No. 406,599; published July 26, 1938.

CLASS 29

Mops. O-Cedar Corp'n. 361,013; Oct. 4; Serial No. 405,934; published July 26, 1938.

CLASS 31

Filter aids prepared from diatomaceous earth. New Hampshire Diatomite Company. 361,016; Oct. 4; Serial No. 406,028; published July 26, 1938.

CLASS 32

Furniture. L. A. Jiranek. 361,000–1; Oct. 4; Serial Nos. 405,391–2; published July 26, 1938.

Furniture. Mallary, Inc. 361,060; Oct. 4; Serial No. 406,817; published July 26, 1938.

Mattresses. Sealy Mattress Co. 122,619–20; renewed Aug. 27, 1938.

CLASS 33

Crystals, Watch. C. & E. Marshall Co. 360,946; Oct. 4; Serial No. 396,687; published Jan. 18, 1938.

Glass, crystal glass, Plate. Societe Anonyme Boralex. 360,951; Oct. 4; Serial No. 398,275; published July 26, 1938.

Glasses, fruit cups, berry dishes, etc., Drinking. Libbey Glass Company. 360,944; Oct. 4; Serial No. 396,366; published July 26, 1938.

CLASS 34

Air conditioners. Westinghouse Electric & Manufacturing Company. 361,062; Oct. 4; Serial No. 406,843; published July 26, 1938.

Air conditioning units. Governair Corporation. 361,021; Oct. 4; Serial No. 406,130; published July 26, 1938.

Lighting glassware. N. V. Philips' Gloeilampenfabrieken. 360,971; Oct. 4; Serial No. 402,310; published July 26, 1938.

Ranges, Gas. Lit Brothers. 361,017; Oct. 4; Serial No. 406,062; published July 26, 1938.

CLASS 35

Belting and hose, Rubber. Revere Rubber Company. 16,066; re-renewed Dec. 4, 1938.

CLASS 36

Reeds for musical instruments. Otto Link & Co. Inc. 361,008; Oct. 4; Serial No. 405,730; published July 26, 1938.

CLASS 37

Cover for jackets and book covers, Transparent protective. M. T. Kafka. 361,009; Oct. 4; Serial No. 405,776; published July 26, 1938.
Films, foil, or sheets. Dow Chemical Company. 360,953; Oct. 4; Serial No. 399,403; published July 26, 1938.
Paper, Blotting. Joseph Parker & Son Company. 123,449; renewed Nov. 12, 1938.
Paper, Blotting. Joseph Parker & Son Company. 123,635; renewed Nov. 19, 1938.
Paper, Blotting. Joseph Parker & Son Company. 123,921; renewed Dec. 17, 1938.
Paper, butcher paper, wax paper, etc., Wrapping. B. B. Sterling. 360,965; Oct. 4; Serial No. 401,454; published July 26, 1938.
Paper, Coated. Ben Mont Papers, Inc. 361,027; Oct. 4; Serial No. 406,237; published July 26, 1938.
Paper fasteners, prongs for paper fasteners, etc. Parrot Speed Fastener Corp. 360,970; Oct. 4; Serial No. 402,271; published July 26, 1938.
Paper, Package of printing. Tileston & Hollingsworth Company. 360,932; Oct. 4; Serial No. 390,568; published July 26, 1938.
Paper tape, Gummed. Mid-States Gummed Paper Co. 361,042; Oct. 4; Serial No. 406,462; published July 26, 1938.
Papers and card stock. Hopper Paper Company. 361,115; Oct. 4.
Papers, paper envelopes, sheathing papers, etc., Wrapping. Union Paper & Twine Company. 360,926; Oct. 4; Serial No. 386,231; published July 26, 1938.
Pencils, mechanical lead pencils, etc., Wood-cased. Pictograf Corporation. 361,014; Oct. 4; Serial No. 405,970; published July 26, 1938.
Salesbooks, sales slips, and statements. J. W. Griffin. 361,012; Oct. 4; Serial No. 405,926; published July 26, 1938.
Tissues, Cleansing. Veldown Company. 360,997; Oct. 4; Serial No. 405,228; published July 26, 1938.

CLASS 38

Calendars. Frank A. Weeks Mfg. Co. 124,625; renewed Feb. 25, 1939.
Cards, calendars, and decorative painted tags, Greeting. Norcross. 361,058; Oct. 4; Serial No. 406,771; published July 26, 1938.
Directory of the wine and liquor trades. Atlas Publishing Company. 361,040; Oct. 4; Serial No. 406,435; published July 26, 1938.
Drawings, Title for comic. United Feature Syndicate, Inc. 361,043; Oct. 4; Serial No. 406,480; published July 26, 1938.
House organ. James Lees & Sons Company. 360,993; Oct. 4; Serial No. 404,994; published July 26, 1938.
Magazine. Pan American Airways, Inc. 360,928; Oct. 4; Serial No. 387,612; published July 26, 1938.
Newspaper articles. C. Walsh. 360,959; Oct. 4; Serial No. 400,710; published July 26, 1938.
Periodical. Siebel Publishing Company. 360,968; Oct. 4; Serial No. 401,792; published July 26, 1938.
Publication. Class Journal Co. 119,173; renewed Oct. 30, 1937.
Publication, Periodical. Current Ideas Publishing Company. 361,044; Oct. 4; Serial No. 406,504; published July 26, 1938.
Publication, Periodical. Petroleum Register Corporation. 361,025; Oct. 4; Serial No. 406,225; published July 26, 1938.
Section of a newspaper. Philadelphia Daily News, Inc. 360,969; Oct. 4; Serial No. 402,202; published July 26, 1938.
Series of special articles. F. & R. Salsinger. 361,010; Oct. 4; Serial No. 405,897; published July 26, 1938.

CLASS 39

Suits, coats, pants, etc. Fashion-Plate Clothes, Inc. 361,028; Oct. 4; Serial No. 406,244; published July 12, 1938.

CLASS 42

Blankets. Beacon Manufacturing Company. 361,056; Oct. 4; Serial No. 406,746; published July 26, 1938.
Cheesecloth. Colonial Textiles, Inc. 361,011; Oct. 4; Serial No. 405,915; published July 26, 1938.
Cloth, Shade. Oswego Shade Cloth Company. 122,735-6; renewed Sept. 10, 1938.
Cotton piece goods. Florence Mills. 124,568; renewed Feb. 25, 1939.
Curtains, Nottingham lace. Patchogue-Plymouth Mills Corporation. 361,084; Oct. 4.
Fabrics. Lorraine Manufacturing Company. 361,071; Oct. 4; Serial No. 406,981; published July 26, 1938.
Piece goods. Fur's-Wool, Inc. 361,085; Oct. 4.
Piece goods. Harold Fabrics. 361,075; Oct. 4; Serial No. 407,062; published July 26, 1938.
Piece goods. Velveray Corporation of America. 361,032; Oct. 4; Serial No. 406,309; published July 26, 1938.
Piece goods. Velveray Corporation of America. 361,033-4; Oct. 4; Serial Nos. 406,311-12; published July 26, 1938.
Rayon piece goods. A. S. Heiman. 360,978; Oct. 4; Serial No. 403,687; published July 26, 1938.
Silk piece goods. Onondaga Silk Company. 361,063; Oct. 4; Serial No. 406,874; published July 26, 1938.
Textile piece goods and rayon. H. & H. Mfg. Co. 361,093; Oct. 4.
Woolen piece goods. Parker, Wilder & Co. 361,064; Oct. 4; Serial No. 406,877; published July 26, 1938.

CLASS 44

Bandages, Catamenial. Veldown Company. 360,998; Oct. 4; Serial No. 405,230; published July 26, 1938.
Denture rebases. L. Romaine Young, Inc. 360,958; Oct. 4; Serial No. 400,270; published July 26, 1938.
Garments, Catamenial. L. Karrant. 361,036; Oct. 4; Serial No. 406,385; published July 26, 1938.
Prophylactic rubber articles. Excello Hygienic Products Corporation. 360,933; Oct. 4; Serial No. 390,953; published July 26, 1938.
Sanitary napkins. Goldsmith Bros. 361,048; Oct. 4; Serial No. 406,551; published July 26, 1938.

CLASS 45

Beverages, syrups, extracts, and flavors used in making the same. Bostonia Beverages, Inc. 361,080; Oct. 4; Serial No. 407,258; published July 26, 1938.
Beverages, syrups, extracts and concentrates used in making the same. Valenju, Incorporated. 361,082; Oct. 4; Serial No. 407,399; published July 26, 1938.
Beverages, syrups, extracts, and concentrates. Valenju, Incorporated. 361,083; Oct. 4; Serial No. 407,401; published July 26, 1938.

CLASS 46

Baking soda. Church & Dwight Co. Inc. 360,967; Oct. 4; Serial No. 401,764; published July 26, 1938.
Butter. Kobacker Stores, Inc., Tiedtke Division. 360,985; Oct. 4; Serial No. 404,220; published July 26, 1938.
Candy. A. Cairo. 360,988; Oct. 4; Serial No. 404,562; published July 26, 1938.
Candies. A. T. Daly. 360,935; Oct. 4; Serial No. 391,902; published July 26, 1938.
Canned citrus juices. Desert Citrus Products Association. 360,991; Oct. 4; Serial No. 404,836; published July 26, 1938.
Canned fruits and canned vegetables. Garofalo Bros. Co. 360,939-40; Oct. 4; Serial Nos. 392,686-7; published July 26, 1938.
Canned fruits, canned vegetables, canned hominy, etc. P. Logston. 361,038; Oct. 4; Serial No. 406,390; published July 26, 1938.
Canned fruits, canned vegetables, canned fish, etc. Standard Wholesale Grocery Co. 360,937; Oct. 4; Serial No. 392,506; published July 26, 1938.
Canned fruits and vegetables, jams, etc. P. Logston. 361,037; Oct. 4; Serial No. 406,389; published July 19, 1938.
Cheese, Cream. Pevely Dairy Company. 360,931; Oct. 4; Serial No. 390,281; published July 26, 1938.
Chocolate coating. National Kream Co. Inc. 361,089; Oct. 4.
Chocolate, Prepared edible. Lamont, Corliss & Company. 360,919; Oct. 4; Serial No. 373,421; published July 26, 1938.
Coffee. M. Sher. 361,068; Oct. 4; Serial No. 406,946; published July 26, 1938.
Compound of vegetable oils and skimmed milk as a food product. T. L. Carroll. 360,924; Oct. 4; Serial No. 383,673; published July 26, 1938.
Compound of vegetable and olive oil. Scelto Packing Co. 361,094; Oct. 4.
Eggs and hams. Gimbel Brothers, Inc. 360,925; Oct. 4; Serial No. 385,093; published July 26, 1938.
Fish. T. S. Gorton, Jr. 360,975; Oct. 4; Serial No. 403,175; published July 26, 1938.
Flour and rye meal, Rye. Bay State Milling Co. 361,055; Oct. 4; Serial No. 406,745; published July 26, 1938.
Flour, doughnuts, and cake. Doughnut Corporation of America. 360,941; Oct. 4; Serial No. 394,130; published July 26, 1938.
Food concentrate or supplement. Lapp Laboratories, Incorporated. 360,936; Oct. 4; Serial No. 392,220; published July 26, 1938.
Foods, Pet. J. Fuchs. 360,987; Oct. 4; Serial No. 404,406; published July 12, 1938.
Fruit, Fresh citrus. Corona Foothill Lemon Company. 361,077; Oct. 4; Serial No. 407,133; published July 26, 1938.
Fruit juices. Walker & Sellers. 361,065-6; Oct. 4; Serial Nos. 406,893-4; published July 26, 1938.
Fruits, Fresh citrus. Plowaty Bros. Inc. 360,948; Oct. 4; Serial No. 397,485; published July 26, 1938.
Fruits, fresh citrus fruits, fresh vegetables, etc., Fresh deciduous. Moreno Bros., Inc. 361,031; Oct. 4; Serial No. 406,299; published July 26, 1938.
Grapes, Fresh. Morse & Skinner. 361,049; Oct. 4; Serial No. 406,559; published July 26, 1938.

Ice-cream. Chapin-Sacks Manufacturing Company. 122,577; renewed Aug. 27, 1938.
Ice cream. Foremost Dairies, Inc. 360,949; Oct. 4; Serial No. 397,967; published July 26, 1938.
Jam, Fruit. H. J. Aroesty. 360,945; Oct. 4; Serial No. 396,485; published July 26, 1938.
Mayonnaise, salad dressing, and sandwich spread. North American Food Corporation. 360,992; Oct. 4; Serial No. 404,951; published July 26, 1938.
Pies. Phoenix Pie Company. 361,095; Oct. 4.
Preparation for frostings, fillings, sauces, etc. Corn Products Refining Company. 360,977; Oct. 4; Serial No. 403,677; published July 26, 1938.
Sauce, Italian spaghetti. A. Ciampa. 361,069; Oct. 4; Serial No. 406,959; published July 26, 1938.
Sauces. E. Bulliard. 360,938; Oct. 4; Serial No. 392,678; published July 26, 1938.
Soybean grits. Glidden Company. 361,003; Oct. 4; Serial No. 405,500; published July 26, 1938.
Steak. P. W. Myers. 361,105; Oct. 4.
Syrup, Corn. American Maize-Products Company. 361,023; Oct. 4; Serial No. 406,166; published July 26, 1938.
Vegetables, fresh deciduous fruits, fresh citrus fruits, etc., Fresh. D'Arrigo Bros. Company. 361,078; Oct. 4; Serial No. 407,135; published July 26, 1938.
Zwieback. United Biscuit Company. 361,004; Oct. 4; Serial No. 405,532; published July 26, 1938.

CLASS 47

Wines. Geffen Industries, Inc. 361,030; Oct. 4; Serial No. 406,270; published July 26, 1938.
Wines. Quality Brands, Inc. 361,020; Oct. 4; Serial No. 406,009; published July 26, 1938.
Wines. Sunny Hills Wineries, Inc. 360,996; Oct. 4; Serial No. 405,138; published July 26, 1938.
Wines, Sparkling. Garrett and Company. 124,530; renewed Feb. 25, 1939.

CLASS 49

Brandy. A. Moramarco. 360,923; Oct. 4; Serial No. 381,213; published July 5, 1938.
Gin. Distillers Company. 361,070; Oct. 4; Serial No. 406,963; published July 26, 1938.
Gin and sloe gin. Mission Dry Corporation. 360,973; Oct. 4; Serial No. 403,012; published July 5, 1938.
Gin and sloe gin. Mission Dry Corporation. 360,974; Oct. 4; Serial No. 403,013; published July 26, 1938.
Whisky. Train & McIntyre, Limited. 361,026; Oct. 4; Serial No. 406,234; published July 26, 1938.
Whiskies, gins, and alcoholic cordials. Kraus Bros. & Co. 361,109; Oct. 4.

CLASS 50

Advertising figures, devices, and display settings. W. L. Stengsgaard & Associates, Inc. 360,981; Oct. 4; Serial No. 403,971; published July 26, 1938.
Art porcelain and stoneware figures of humans and animals. Aktieselskabet Blug & Grøndahls Porcelænsfabrik. 361,039; Oct. 4; Serial No. 406,411; published July 26, 1938.
Caps for receptacles. Ralph W. Wilson Company. 361,029; Oct. 4; Serial No. 406,266; published July 26, 1938.
Flags and banners. Cheney Brothers. 123,201; renewed Oct. 22, 1938.
Flags, Manufactured. Annin & Co. 124,360; renewed Feb. 11, 1939.
Forms, Shoe. Shoe Form Co. 361,103; Oct. 4.
Protectors and trousers and pants guards, Garment. Protex Products Co. 361,046; Oct. 4; Serial No. 406,525; published July 26, 1938.
Sterile medium to facilitate the growth of seeds, cuttings, and seedlings. Osmo Garden Company. 360,934; Oct. 4; Serial No. 391,823; published July 26, 1938.

LIST OF LABELS

American Flyer Trains. For Trains. A. C. Gilbert Company. 51,907; Oct. 4.
Arrid. For a Cream Deodorant. Carter Products, Inc. 51,896; Oct. 4.
Beech-Nut Coffee. For Coffee. Beech-Nut Packing Company. 51,893; Oct. 4.
Clyde. For Cream Ale. Enterprise Brewing Company. 51,902; Oct. 4.
Debus Rice Blo-Nups for Youths and Grown-Ups. For Prepared Rice in Puffed or Exploded Form. Debus Corporation. 51,900; Oct. 4.
Enterprise Bohemian Brand. For Beer. Enterprise Brewing Company. 51,902; Oct. 4.
Faemade Undies, Aprons and Dresses. For Undies, Aprons and Dresses. R. A. Wentzel. 51,912; Oct. 4.
Fine Footwear. For Footwear. A. C. Clayton Printing Co. 51,897; Oct. 4.
Johnson's Penetrating Oil Stain Wood Dye. For a Wood Dye. S. C. Johnson & Son, Inc. 51,908; Oct. 4.
Johnson's Quick Drying Wood Filler (Paste). For a Paste Wood Filler. S. C. Johnson & Son, Inc. 51,909; Oct. 4.
Merton Lee's Brand. For California Cognac Brandy. Wine Corporation of America. 51,913; Oct. 4.
Mineota. For Straight California Grape Brandy. California Wine Company, Inc. 51,895; Oct. 4.
My-T-Fine. For Lemon Pie Filling. Penick & Ford, Ltd. Incorporated. 51,911; Oct. 4.
Northern. For California Grape Brandy. California Wine Company. 51,894; Oct. 4.
Old Mariners Flat White Brushing Paint. For Flat White Brushing Paint. Federal Composition & Paint Company. 51,905; Oct. 4.
Old Mariners Stipple Flat White Paint. For Stipple Flat White Paint. Federal Composition & Paint Company. 51,906; Oct. 4.
Original Cafay, a Sparkling Beverage Prepared from Freshly Brewed Coffee, Every Drop is Perfect. For Carbonated Coffee Beverage. Delaunay Beverage Company. 51,901; Oct. 4.
Peacock Sliced Dried Beef. For Dried Beef. Cudahy Brothers Co. 51,899; Oct. 4.
Prophylactic Bathroom Cleansing Tissue. For Bathroom Cleansing Tissue. Crown Zellerbach Corporation. 51,898; Oct. 4.
Snooks. For a Carbonated Beverage. Aren Beverage & Spring Water Co. 51,892; Oct. 4.
Town Tavern. For Straight Rye Whiskey. National Distillers Products Corporation. 51,910; Oct. 4.
White Seal. For Ale. Enterprise Brewing Company. 51,904; Oct. 4.

LIST OF PRINTS

Faemade Undies, Aprons and Dresses. For Undies, Aprons, and Dresses. R. A. Wentzel. 17,064; Oct. 4.

New Invis-O-Rib Stitch. For Hosiery. National Silk Hosiery Mills, Inc. 17,063; Oct. 4.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 4TH DAY OF OCTOBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Austenal Laboratories, Inc. (See Prange, Charles H., assignor.)

Bousquet, Euclid W., Wilmington, G. D. Graves, Holly Oak, and P. L. Salzberg, Carrcroft, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition toxic to lower forms of life. Re. 20,869; Oct. 4.

De Seversky, Alexander P., Asharoken Beach, Northport, assignor to Seversky Aircraft Corporation, Farmingdale, N. Y. Aircraft anchor. Re. 20,870; Oct. 4.

Donoher, Edith P., Los Angeles, Calif. Support and hair covering for earphones. Re. 20,871; Oct. 4.

Dudley Lock Corporation, The. (See Winning, Robert K., assignor.)

Du Pont, E. I., de Nemours & Company. (See Bousquet, E. W., Graves, and Salzberg, assignors.)

Focht, Louis, Trenton, N. J. Floor supporting structure. Re. 20,872; Oct. 4.

Fullman, James M. G., Sewickley, Pa., assignor, by mesne assignments, to National Electric Products Corporation. Connecter for electrical conduits. Re. 20,873; Oct. 4.

Graves, George D. (See Bousquet, E. W., Graves, and Salzberg.)

Hammer-Bray Company. (See Leonard, Joseph E., assignor.)

Langford, George, assignor to McKenna Process Company of Illinois, Joliet, Ill. Making rail joint bars. Re. 20,874; Oct. 4.

Leonard, Joseph E., Berkeley, assignor to Hammer-Bray Company, Oakland, Calif. Combination range. Re. 20,875; Oct. 4.

McKenna Process Company of Illinois. (See Langford, George, assignor.)

Molins, Desmond W., Bexley, England. Cigarette making machine. Re. 20,876; Oct. 4.

National Electric Products Corporation. (See Fullman, James M. G., assignor.)

Prange, Charles H., Lyndhurst, N. J., assignor to Austenal Laboratories, Inc., New York, N. Y. Cast metallic denture. Re. 20,877; Oct. 4.

Salzberg, Paul L. (See Bousquet, E. W., Graves, and Salzberg.)

Seversky Aircraft Corporation. (See de Seversky, Alexander P., assignor.)

Universal Window Company. (See Wiley, Esmond F., assignor.)

Wiley, Esmond F., Oakland, assignor to Universal Window Company, Berkeley, Calif. Awning type window. Re. 20,878; Oct. 4.

Winning, Robert K., Wauwatosa, Wis., assignor, by mesne assignments, to The Dudley Lock Corporation, Chicago, Ill. Permutation lock. Re. 20,879; Oct. 4.

LIST OF PLANT PATENTEES

Graham, Thomas E., Kent County, assignor to Greening Nursery Company. Monroe, Mich. Apple tree. Plant Pat. No. 293; Oct. 4.

Greening Nursery Company. (See Graham, Thomas E., assignor.)

LIST OF DESIGN PATENTEES

American Machine & Foundry Company. (See Rosengren, Herbert, assignor.)

American Telephone and Telegraph Company. (See Burnell, Fred L., assignor.)

Applegate, Oliver C., Jr., San Francisco, and E. G. Neale, Los Angeles, assignors to Standard Oil Company of California, San Francisco, Calif. Sign. 111,576; Oct. 4.

Arenberg, Albert L., Highland Park, Ill. Lamp. 111,577; Oct. 4.

Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Electric razor. 111,593; Oct. 4.

Barth, Bruno H., West Englewood, N. J., assignor to W. K. Kallman, doing business as Blanck & Co., New York, N. Y. Textile fabric or similar article. 111,625; Oct. 4.

Blanck & Co. (See Barth, Bruno H.)

Brenkert Light Production Company. (See Horldt, Henry M., assignor.)

Brown, Le Roy O., Chicago, Ill., assignor to Justrite Manufacturing Company. Electric lantern. 111,626; Oct. 4.

Bubenheim, Peter, New York, N. Y. Scarf or similar article. 111,627; Oct. 4.

Burnell, Fred L., Yonkers, N. Y., assignor to American Telephone and Telegraph Company. Ash receiver. 111,628; Oct. 4.

Carrom Company, The. (See Stearns, Freeman R., assignor.)

Casas Robert, Ramon, Geneva, Switzerland. Sewing machine. 111,594; Oct. 4.

Casco Products Corporation. (See Bahr, Gustave F., assignor.)

Chicago Flexible Shaft Company. (See Scharfenberg, George T., assignor.)

Constantine, George, Boston, Mass. Dress. 111,629; Oct. 4.

Cornibert, Charles A., Bayside, N. Y. Scarf. 111,595; Oct. 4.

Cornibert, Charles A., Bayside, N. Y. Textile fabric. 111,630; Oct. 4.

Cullen, Ernest, San Diego, assignor to J. B. Smiley, Los Angeles, Calif. Combination kitchen tool. 111,564; Oct. 4.

Daystrom Corporation. (See Kipp, Karl, assignor.)

Drucker, Frank. (See Rabbin, E., and Drucker.)

Eltinger, Joseph, New York, N. Y. Decorative nail. 111,565; Oct. 4.

Eltinger, Joseph, New York, N. Y. Decorative nail. 111,566; Oct. 4.

Eltinger, Joseph, New York, N. Y. Decorative nail. 111,567; Oct. 4.

Elkind, Maxwell W., New York, N. Y. Sweater ensemble. 111,596; Oct. 4.

Embury Manufacturing Company. (See Federico, Joseph B., assignor.)

England, Klein & Levy, Inc. (See Fiddelman, Joseph, assignor.)

Fader, William, Newark, N. J. Window ventilator. 111,597; Oct. 4.

Federico, Joseph B., Niagara Falls, assignor to Embury Manufacturing Company, Warsaw, N. Y. Lantern. 111,578; Oct. 4.

Fiddelman, Joseph, assignor to England, Klein & Levy, Inc., New York, N. Y. Finger ring. 111,579; Oct. 4.

Fisher, Francis C., Syracuse, N. Y. Tap knob. 111,580; Oct. 4.

Frey, Elmer E., assignor to Kittle Manufacturing Co., Los Angeles, Calif. Table. 111,581; Oct. 4.

Fried, Benjamin, New York, N. Y. Dress. 111,631; Oct. 4.

Fuller, Paul M., Chicago, Ill., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Phonograph cabinet. 111,598; Oct. 4.

Fuller, Paul M., Chicago, Ill., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Phonograph cabinet. 111,599; Oct. 4.

Gautier, Trevor R., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H. Strip server. 111,568; Oct. 4.

Goldberg, David, Great Neck, N. Y. Electric sadiron. 111,600; Oct. 4.

Goldman, Harry, New York, N. Y. Dress. 111,632; Oct. 4.

Goldman, Harry M., New York, N. Y. Textile fabric. 111,601; Oct. 4.

Goldsmith, Samuel R., New York, N. Y. Handbag. 111,582; Oct. 4.

Hinlein, Milton J. (See Richtmyer, A. R., and Hinlein.)

Hoefer, Fred S., Morristown, N. J. Statuette. 111,569; Oct. 4.

Horldt, Henry M., assignor to Brenkert Light Projection Company, Detroit, Mich. Projection lamp. 111,602; Oct. 4.
Ish-Shalom, Samu-El, New York, N. Y., assignor to Mergenthaler Linotype Company. Font of printing type. 111,633; Oct. 4.
Judsen, Nils A. (See Rose, M., and Judsen.)
Justrite Manufacturing Company. (See Brown, Le Roy O., assignor.)
Kallman, William K. (See Barth, Bruno H., assignor.)
Katz, Emil, New York, N. Y. Lace. 111,603; Oct. 4.
Katz, Emil, New York, N. Y. Lace. 111,604; Oct. 4.
Kay, John, La Porte, Ind. Advertising sign. 111,583; Oct. 4.
Kay, John, La Porte, Ind. Advertising sign. 111,584; Oct. 4.
Kay, John, La Porte, Ind. Advertising sign. 111,585; Oct. 4.
Kay, John, La Porte, Ind. Advertising sign. 111,605; Oct. 4.
Kay, John, La Porte, Ind. Advertising sign. 111,606; Oct. 4.
Kay, John, La Porte, Ind. Advertising sign. 111,607; Oct. 4.
Kellogg Switchboard & Supply Company. (See Rose, M., and Judsen, assignors.)
Kipp, Karl, assignor to Daystrom Corporation, Olean, N. Y. Stool. 111,608; Oct. 4.
Kittle Manufacturing Co. (See Frey, Elmer E., assignor.)
Kostellow, Rowena R., assignor to United States Glass Company, Pittsburgh, Pa. Candle holder or similar article. 111,634; Oct. 4.
Kuznetz, Samuel, Brooklyn, N. Y. Dress ensemble. 111,635; Oct. 4.
Kuznetz, Samuel, Brooklyn, N. Y. Dress ensemble. 111,636; Oct. 4.
Lasater, Robert L., Evanston, Ill. Rubber toothbrush. 111,609; Oct. 4.
Lawrence, Marie, New York, N. Y. Dress. 111,637; Oct. 4.
Machanoff, Ben, New York, N. Y. Dress. 111,638; Oct. 4.
MacLaughlin, William W., Jr., San Antonio, Texas. Bulletin board. 111,586; Oct. 4.
Makowsky, Jacques, Paris, France, assignor to Pinaud Incorporated, New York, N. Y. Cover paper or similar article. 111,639; Oct. 4.
Marcus, Max, New York, N. Y. Combined list finder and clock. 111,610; Oct. 4.
Mascitelli, Marie, New York, N. Y. Dress. 111,611; Oct. 4.
Mascitelli, Marie, New York, N. Y. Dress. 111,640; Oct. 4.
Massar, Harry, New York, N. Y. Dress or similar article. 111,641; Oct. 4.
Mercer, N. A., New York, N. Y. Key case or the like. 111,587; Oct. 4.
Mergenthaler Linotype Company. (See Ish-Shalom, Samu-El, assignor.)
Michelson, Margaret, New York, N. Y. Dress. 111,612; Oct. 4.
Miracky, Josephine, New York, N. Y. Dress. 111,642; Oct. 4.
Nashua Gummed and Coated Paper Company. (See Gautier, Trevor R., assignor.)
Neale, Edward G. (See Applegate, O. C., Jr., and Neale.)
Neuhardt, Charlotte M., New York, N. Y. Dress. 111,643; Oct. 4.
Olson, Norman A., Oak Park, Ill. Bird cage. 111,570; Oct. 4.
Patterson, Joseph W., assignor to Volume Sprayer Manufacturing Company, Inc., Tulsa, Okla. Sprayer. 111,588; Oct. 4.
Pinaud Incorporated. (See Makowsky, Jacques, assignor.)
Pohli, Gustav, North Bergen, N. J. Watch. 111,613; Oct. 4.
Price, David W., New York, N. Y. Dress. 111,644; Oct. 4.
Rabbin, Edward, and F. Drucker, New York, N. Y. Bookmark. 111,589; Oct. 4.
Rankel, Joseph A., Oshkosh, Wis. What-not. 111,571; Oct. 4.
Rice, William W., Chicago, Ill. Self-photographing apparatus. 111,614; Oct. 4.
Richtmyer, Arthur R., Mamaroneck, N. Y., and M. J. Hinlein, Elkins Park, Pa. Belt. 111,615; Oct. 4.
Rogers, Sam T., Washington, D. C. Airship. 111,590; Oct. 4.
Romberg, Harland G., Flagler, Colo. Sewing cabinet. 111,645; Oct. 4.
Rose, Morris, and N. A. Judsen, assignors to Kellogg Switchboard & Supply Company, Chicago, Ill. Wall telephone set. 111,592; Oct. 4.
Rosen, Abraham S., New York, N. Y. Combined flag and staff. 111,572; Oct. 4.
Rosenberg, Mandel, Chicago, Ill. Spraying unit. 111,591; Oct. 4.
Rosengren, Herbert, Woodcliff Lake, N. J., assignor to American Machine & Foundry Company. Mixing machine or similar article. 111,616; Oct. 4.
Rost, Katheryn, New York, N. Y. Dress. 111,617; Oct. 4.
Ruchman, Albert, New York, N. Y. Dress. 111,646; Oct. 4.
Scharfenberg, George T., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Casing for an electric shaver. 111,573; Oct. 4.
Scharfenberg, George T., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric shaver. 111,574; Oct. 4.
Schumer, Jack, New York, N. Y. Coat. 111,618; Oct. 4.
Silverman, Jacob A., New York, N. Y. Coat. 111,619; Oct. 4.
Smiley, John B. (See Cullen, Ernest, assignor.)
Spanel, Abraham N., Dover, Del. Pants. 111,620; Oct. 4.
Standard Oil Company of California. (Se Applegate, O. C., Jr., and Neale, assignors.)
Stanley, Leopold G., Maplewood, N. J. Wallet. 111,621; Oct. 4.
Stearns, Freeman R., assignor to The Carrom Company, Ludington, Mich. Bed jack. 111,622; Oct. 4.
United States Glass Company. (See Kostellow, Rowena R., assignor.)
Venner, William, Brooklyn, N. Y. Decorative valance or the like. 111,623; Oct. 4.
Vezina, Raoul J., Springfield, Mass. Display cabinet. 111,575; Oct. 4.
Volume Sprayer Manufacturing Company. (See Patterson, Joseph W., assignor.)
Wagner, Herman, New York, N. Y. Embossed textile fabric. 111,624; Oct. 4.
Wurlitzer, Rudolph, Company, The. (See Fuller, Paul M., assignor.)

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 4TH DAY OF OCTOBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abbott Laboratories. (See Raizlss, G. W., and Brahin, assignors.)
Abegg, Walter A., assignor of one-half to B. Reinhold, Los Angeles, Calif. Siush pump valve and the like. 2,131,928; Oct. 4.
Ackerman, Edward D., Ellinwood, Kans. Rat hole drilling mechanism. 2,131,830; Oct. 4.
Adamson, Herschel E., Eureka Springs, Ark. Guitar playing simplifier. 2,132,281; Oct. 4.
Aeschlimann, Fritz. (See Kartaschoff, V., and Aeschlimann.)
Agfa Ansco Corporation. (See Dieterle, W., and Zeh, assignors.)
Agfa Ansco Corporation. (See Goldhammer, Leo, assignor.)
Agfa Ansco Corporation. (See Hagedorn, Max, assignor.)
Agfa Ansco Corporation. (See Kumetat, K., and Gassner, assignors.)
Agfa Ansco Corporation. (See Zeh, Walter, assignor.)
Ajouelo, Davis J., Atlanta, Ga., assignor to Sears, Roebuck and Co. Stenciling machine. 2,132,282; Oct. 4.
Aktiebolaget Gerh. Arehns Mekaniska Verkstad. (See Johnson, Bror E., assignor.)
Aktiebolaget Götaverken. (See Johansson, Johan E., assignor.)
Aktiebolaget Milo. (See Lysholm, Alf, assignor.)
Aktiebolaget Nomy. (See Wallgren, August G. F., assignor.)
Aldrich, Frank D., Westfield, Mass. Dispensing device. 2,131,831; Oct. 4.
Alesci, Jack, Fort Sam Houston, Tex. Riding boot. 2,132,066; Oct. 4.
Allen, Harry B., Highland Park, Mich. Suction tip. 2,132,283; Oct. 4.
Allen, Solly & Company. (See Taylor, George, assignor.)
Allgemiene Elektricitats Gesellschaft. (See Friederich, E., and Klose, assignors.)
Allied Products Corporation. (See Richard, Clement C., assignor.)
Allis-Chalmers Manufacturing Company. (See Martin, Charles R., assignor.)
Allman, Joseph, Chicago, Ill., assignor, by mesne assignments, to J. Allman, trustee. Padlock. 2,132,201; Oct. 4.
Allman, Joseph, trustee. (See Allman, Joseph, assignor.)
Aluminum-Industrie-Aktien-Gesellschaft. (See Preiswerk, Max, assignor.)
Alves, Manuel S. (See Maguire, M. M., and Wright, assignors.)
American Agricultural Chemical Company, The. (See Merchant, Milton H., assignor.)
American Automatic Devices Co. (See Kovac, Rudolph, assignor.)
American Brake Shoe and Foundry Company, The. (See Bates, Vernon G., assignor.)
American Brake Shoe and Foundry Company, The. (See Blume, William A., assignor.)
American Brake Shoe and Foundry Company, The. (See Whisler, Thomas C., assignor.)
American Brass Company, The. (See Spalding, Samuel C., assignor.)
American Electric Fusion Corporation. (See von Henke, Edmund J., assignor.)
American Foundry Equipment Company, The. (See Hammell, Charles H., assignor.)
American Foundry Equipment Company, The. (See Minich, Verne E., assignor.)
American Foundry Equipment Company. (See Turnbull, David C., assignor.)
American Foundry Equipment Company, The. (See Wean, R. J., and Pelk, assignors.)
American Hyalsol Corporation. (See Bertsch, Heinrich, assignor.)
American Perforator Company. (See Rix, Edward G., assignor.)
American Seating Company. (See Morgan, Erving B., assignor.)
American Telephone and Telegraph Company. (See Mitchell, Doren, assignor.)
Amme, Hermann C., Dusseldorf, Germany. Heat exchange surface. 2,131,929; Oct. 4.
Anchor Cap & Closure Corporation. (See Gibbs, John C., assignor.)
Anchor Cap & Closure Corporation. (See Podel, Abraham, assignor.)
Anderson, Hugo J., assignor to Lubrx Products, Inc., Boston, Mass. Machine for testing lubricants. 2,132,347; Oct. 4.
Anke, Rudolph. (See Zwicky, M., and Anke.)
Anstice, Josiah, & Company. (See Anstice, Mortimer R., assignor.)
Anstice, Mortimer R., assignor to Josiah Anstice & Company, Inc., Rochester, N. Y. Vegetable slicing machine. 2,131,851; Oct. 4.
Appleton Wire Works, Inc. (See Weber, Louis N., assignor.)
Appleyard, Kenelm C., Birtley, and S. D. Pollitt, Newcastle-Upon-Tyne, assignors of one-third to The Birtley Company Limited, Birtley, England. Apparatus for separating mixed materials having different electrical conductivities. 2,131,930; Oct. 4.
Arcari, Sandro. (See Scheyer, Sophie (née von Pezachowicz).)
Armor, Brady S., and J. J. Walsh, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Design embossed high luster finish material. 2,131,882; Oct. 4.
Armstrong Whitworth Securities Company. (See Kadenacy, Michel, assignor.)
Arthur, Glenn J., Davenport, Iowa. Folding chair. 2,131,722; Oct. 4.
Arthur, James L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition apparatus. 2,132,092; Oct. 4.
Ashley, Frank M., Great Kills, Staten Island, N. Y., assignor to L. Gompers, as trustee. Pipe and filter therefor. 2,132,141; Oct. 4.
Ashley, Frank M., Great Kills, Staten Island, N. Y., assignor to L. Gompers, as trustee. Pipe for smoking tobacco. 2,132,142; Oct. 4.
Ashley, Frank M., Great Kills, Staten Island, N. Y., assignor to L. Gompers, as trustee. Pipe for tobacco. 2,132,143; Oct. 4.
Askania-Werke A. G. (See Ziebolz, Herbert, assignor.)
Asselin, James H., Chicago, Ill. Railway crossing. 2,132,008; Oct. 4.
Atlantic Research Associates, Inc. (See Menaker, Arnold J., assignor.)
Auditorium Conditioning Corporation. (See Chester, Thomas, assignor.)
Ault, Waldo C., and C. A. Hochwalt, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Treating hydrocarbon distillates. 2,131,879; Oct. 4.
Automatic Signal Corporation. (See Roth, Samuel C., assignor.)
Automotive Products Company Limited. (See Brock, D. T., and Trapp, assignors.)
Axelrod, E. G. (See Keefer, Harry P., assignor.)
Ayer, Louis H. (See Trembly, George E., assignor.)
Ayers, Fred L., Watertown, Mass., assignor to Brown Company, Berlin, N. H. Shoe counter manufacture. 2,131,832; Oct. 4.
Ayles, William F., Watford, England, assignor to The Turner Tanning Machinery Company, Portland, Maine. Staking and ironing machine. 2,131,833; Oct. 4.
Ayres, Reginald J. (See Geiger, W. J., and Ayres.)
Ayres, Waldemar, Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Light sensitive device. 2,131,911; Oct. 4.
Bakelaar, John H. (See Carroll, F. M., and Bakelaar.)
Baker & Company. (See Klepe, Henry R., assignor.)
Baldwin Rubber Company. (See Pryale, H. M., Clark, and Vrooman, assignors.)
Baldwin-Southwark Corporation. (See Locke, Arthur S., assignor.)
Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Adjustable seat. 2,132,009; Oct. 4.
Barrel Fitting & Seal Corporation of America. (See Schwartz, Morris, assignor.)
Barry, Paul, Essen-Ruhr, Germany. Stuffing box packing. 2,132,010; Oct. 4.
Bartholomew, Edward L., Marblehead, Mass., assignor to The Turner Tanning Machinery Company, Portland, Oreg. Making helical blades. 2,132,373; Oct. 4.
Bates, Vernon G., Chicago, Ill., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Annealing pot. 2,131,931; Oct. 4.
Battery Patents Corporation. (See Pease, Earl E., assignor.)
Beaver, C. J. (See Farmer, C. S., Beaver, and Fairfield.)
Becker, Fred F., assignor, by mesne assignments, to Rock-Ola Manufacturing Corporation, Chicago, Ill. Making structural units. 2,131,883; Oct. 4.
Becker, Howard I., Schenectady, N. Y., assignor to General Electric Company. Steering of craft. 2,132,254; Oct. 4.

Becket, Alan L., East Orange, N. J. Racket stringing device. 2,131,880; Oct. 4.
Bell Telephone Laboratories, Incorporated. (See Clark, James E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Cramer, Walter W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Dickieson, Alton C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hovland, Henry, assignor.)
Bell Telephone Laboratories, Incorporated. (See Locke, George A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Myers, Oscar, assignor.)
Bell Telephone Laboratories, Incorporated. (See Subrizi, Victor, assignor.)
Belshaw, Charles F., Greenville, Mich. Ice refrigerator. 2,132,255; Oct. 4.
Bendix Aviation Corporation. (See Carbonara, Victor E., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Vorech, Stephen, assignor.)
Benedict, T. N., Manufacturing Company. (See Tofte, Harold, assignor.)
Benner, Roland G. (See Henke, C. O., and Benner.)
Bennett, Clement K., assignor to C. H. Wheeler Manufacturing Company, Philadelphia, Pa. Liquid heater. 2,132,093; Oct. 4.
Bennett, V. Ray, Pasadena, and G. G. Budwig, Burbank, assignors to Budwig Manufacturing Company, Burbank, Calif. Beverage dispensing apparatus. 2,132,011; Oct. 4.
Berglund, Emil, et al. (See Nilson, Harold, assignor.)
Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,131,867; Oct. 4.
Berkowitz Envelope Company. (See Berkowitz, Eugene B., assignor.)
Berkowitz, Eugene B., assignor to Berkowitz Envelope Company, Kansas City, Mo. Tuck flap envelope. 2,132,012; Oct. 4.
Bertsch, Heinrich, Chemnitz, Germany, assignor to American Hyalsol Corporation, Wilmington, Del. Higher molecular alcohols. 2,132,348; Oct. 4.
Bienert, Berthold. (See Gassner, S., and Bienert.)
Billig, Kurt, Frankfort-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Cyclic acetal. 2,131,998; Oct. 4.
Billings, Howard J., South Acton, assignor to A. D. Little, Incorporated, Cambridge, Mass. Treating cereals and resulting product. 2,131,881; Oct. 4.
Bird Machine Co. (See Lyons, Sanford C., assignor.)
Birtley Company Limited, The. (See Appleyard, K. C., and Pollitt, assignors.)
Bishop, William H., assignor to Weathershields Limited, Birmingham, England. Opening roof for vehicle bodies. 2,132,228; Oct. 4.
Blake Manufacturing Corporation. (See Officer, W. J., and Wood, assignors.)
Blaw-Knox Company. (See Chandler, Willard P., Jr., assignor.)
Blount, Arthur L., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Insecticide. 2,132,013; Oct. 4.
Blum, Harry, assignor of one-fourth to H. J. Jacobi and one-fourth to W. J. Jacobi, Washington, D. C., and one-half to Harry Blum's Natural Bloom, Inc., New York, N. Y. Wrapper for perishable goods. 2,132,144; Oct. 4.
Blume, William A., Detroit, Mich., assignor to The American Brake Shoe and Foundry Company. Friction element. 2,131,932; Oct. 4.
Blum's, Harry, Natural Bloom, Inc., et al. (See Blum, Harry, assignor.)
Bolton, Kenneth, Pittsburgh, Pa., and J. E. Weiler, assignors to Halliburton Oil Well Cementing Company, Duncan, Okla. Well measuring. 2,131,868; Oct. 4.
Bone, Hugh M. (See Williams, R. C., and Bone.)
Bonham, James, North Shields, assignor of one-half to T. Macdonald, Monkseaton, England. Emergency screw-threaded bolt. 2,132,284; Oct. 4.
Booth, Charles F., Anniston, Ala., assignor, by mesne assignments, to Monsanto Chemical Company. Treatment of phosphoric acid to remove fluorine. 2,132,349; Oct. 4.
Booth, F. E., Company. (See Peebles, D. D., Manning, and Pothury, assignors.)
Bower, Joshua. (See Kinsella, E., Bower, Briggs, and Roberts.)
Bower Roller Bearing Company. (See Zimmerman, Thomas, assignor.)
Royle, Vernon E., Paterson, N. J. Heddle for circular looms. 2,132,245; Oct. 4.
Brackett, Frederick S., Chevy Chase, Md., assignor to Research Corporation, New York, N. Y. Light projecting system. 2,131,852; Oct. 4.
Brahin, Herman. (See Ralziss, G. W., and Brahin.)
Brand, Samuel, Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Check sorting machine with card punching attachment. 2,131,912; Oct. 4.
Breitenstein, Charles J., assignor to R. T. Moloney, Chicago, Ill. Jamproof check ejector. 2,132,229; Oct. 4.
Briggs, John F. (See Kinsella, E., Bower, Briggs, and Roberts.)
Briggs Manufacturing Company. (See Ball, Albert P., assignor.)
Brock, Denis T., and G. J. Trapp, assignors to Automotive Products Company Limited, London, England. Fuel injection pump. 2,131,933; Oct. 4.
Brodhecker, Lou A., Brownstown, Ind. Electric plug connection. 2,131,884; Oct. 4.
Brodton, Lynn, Collingswood, N. J., assignor to Radio Corporation of America. Multiband indicator. 2,132,094; Oct. 4.
Broker, George M., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Stoker fuel distributor. 2,131,995; Oct. 4.
Bross, Viktor. (See Dörzbach, E., and Bross.)
Broughton, Geoffrey, Rochdale, England. Conditioning fibrous material. 2,132,095; Oct. 4.
Brown Company. (See Ayers, Fred L., assignor.)
Brown, Robert C., assignor to Du-All Scaffold Bracket Company, Columbus, Ohio. Trestle. 2,132,285; Oct. 4.
Brueggeman, Elmer C., Akron, assignor to Selberling Latex Products Company, Barberton, Ohio. Deposited rubber and like article and making same. 2,132,096; Oct. 4.
Brunst, Henry C. (See Kotraschek, L. C., and Brunst.)
Bryant, Stanley C., Des Plaines, Ill., assignor to General Railway Signal Company, Rochester, N. Y. Flashing light signal. 2,132,097; Oct. 4.
Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,131,913; Oct. 4.
Budd, Edward G., Manufacturing Company. (See Dean, Walter B., assignor.)
Budd Wheel Company. (See Hight, Franklin R., assignor.)
Budwig, Gilbert G. (See Bennett, V. R., and Budwig.)
Budwig Manufacturing Company. (See Bennett, V. R., and Budwig, assignors.)
Buescher Band Instrument Co. (See Todt, Edward B., assignor.)
Buffalo Fire Appliance Corporation. (See Leipold, Hugo, assignor.)
Buffalo Forge Company. (See Tucker, William C., assignor.)
Bullard, E. D., Company. (See Williamson, Evan D., assignor.)
Bunting Brass & Bronze Company, The. (See Yager, George F., assignor.)
Burchfield, Robert D., Pittsburgh, Pa. Visual interpretation of electrical currents. 2,131,934; Oct. 4.
Burkholder, Alden H., Lakewood, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Method and apparatus for transferring threadlike articles. 2,131,723; Oct. 4.
Burrell, Charles D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass handling apparatus. 2,131,869; Oct. 4.
Bushnell, Charles S. (See Reichard, W. H., and Bushnell.)
Byrnes, Edward P., Jr. (See Curtis, R. H., and Byrnes.)
Caesar, George V., assignor to Stein, Hall & Company, Inc., New York, N. Y. Conversion of starchy polysaccharides. 2,131,724; Oct. 4.
Calco Chemical Company, The. (See Lecher, H. Z., and Scalera, assignors.)
California Fruit Growers Exchange. (See Wilson, Clarence W., assignor.)
Cameron, Allan M., Oak Park, assignor to Cameron Can Machinery Co., Chicago, Ill. Apparatus for soldering ends to can bodies. 2,132,145; Oct. 4.
Cameron Can Machinery Co. (See Cameron, Allan M., assignor.)
Cameron, Donald G., Lynn, Mass., assignor to General Electric Company. Dual-load meter. 2,132,256; Oct. 4.
Campbell, Donald J., Muskegon Heights, Mich. Molding machine. 2,131,935; Oct. 4.
Candor, Robert R., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,131,834; Oct. 4.
Carbonara, Victor E., Rockville Centre, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Change responsive controlling means. 2,132,286; Oct. 4.
Carlson, Frederick O., assignor to Master Rule Manufacturing Company, Inc., New York, N. Y. Steel tape rule. 2,132,202; Oct. 4.
Carrick, Oland W. (See Gunderson, L. O., and Carrick.)
Carroll, Fred M., and J. H. Bakelaar, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Typewriter punch. 2,131,914; Oct. 4.
Carroll, Lee O. (See Sollenberger, R. C., and Carroll.)
Carter, Alva J., assignor to Rayolite Rifle Range Company, Chicago, Ill. Electric target rifle range. 2,131,791; Oct. 4.
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Core catcher. 2,132,014; Oct. 4.
Celanese Corporation of America. (See Kinsella, E., Bower, Briggs, and Roberts, assignors.)
Celanese Corporation of America. (See Moncrieff, R. W., Hill, and Frearson, assignors.)
Chadwick, Lee S., Shaker Heights, and T. B. Focke, Cleveland Heights, assignors to Perfection Stove Company, Cleveland, Ohio. Liquid fuel burner. 2,131,835; Oct. 4.
Chaincraft, Inc. (See Rasch, Henry, assignor.)

Chambon Corporation. (See Grupe, William F., assignor.)
Chandler, Willard P., Jr., assignor to Blaw-Knox Company, Pittsburgh, Pa. Apparatus for cleaning gases. 2,132,146; Oct. 4.
Chapman, Bert, Endicott, assignor to International Business Machines Corporation, New York, N. Y. Secondary clock. 2,131,915; Oct. 4.
Chemical Works formerly Sandoz. (See Kartaschoff, V., and Aeschlimann, assignors.)
Chessman, Samuel C. (See Hunt, N. C., and Chessman.)
Chester, Thomas, Detroit, Mich., assignor, by mesne assignments, to Auditorium Conditioning Corporation, New York, N. Y. Method and system for treating air or other fluids. 2,131,725; Oct. 4.
Chevrier, Eugène M. (See Marguerat, R., and Chevrier.)
Cincinnati Time Recorder Company, The. (See Streckfuss, Elmer G., assignor.)
Clark, James E., Long Island City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical connecter. 2,132,203; Oct. 4.
Clark, Samuel C. (See Pryale, H. M., Clark, and Vrooman.)
Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Solvent refining. 2,131,999; Oct. 4.
Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Solvent refining of hydrocarbon oil. 2,132,350; Oct. 4.
Clatworthy, Buell E., Haddon Heights, N. J., assignor to Radio Corporation of America. Insulating panel and closure. 2,132,098; Oct. 4.
Cleveland, William, New York, N. Y. Drapery hanger. 2,132,067; Oct. 4.
Coakley, William E., assignor to Pressed Steel Tank Company, Milwaukee, Wis. Metal container. 2,131,792; Oct. 4.
Collins, William H., Houston, Tex. Determining drilling fluid characteristics. 2,132,015; Oct. 4.
Commercial Shearing & Stamping Company, The. (See Cushwa, Charles B., assignor.)
Commercial Solvents Corporation. (See Legg, D. A., and Walton, assignors.)
Commercial Solvents Corporation. (See Miller, John, assignor.)
Connell, George A. (See Cramer, T. M., and Connell.)
Convertible Truck and Trailer Company. (See Schaefer, Henry G., assignor.)
Copeman Laboratories Company. (See Copeman, Lloyd G., assignor.)
Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Protective coating and process of applying and removing. 2,132,230; Oct. 4.
Cramer, Thomas M., Long Beach, and G. A. Connell, Wilmington, Calif., assignors to Pacific Coast Borax Company. Granular nonvitrous desiccated borax. 2,131,793; Oct. 4.
Cramer, Walter W., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,131,870; Oct. 4.
Criswell, Everett A., Georgetown, Ind. Disk furrow opener. 2,132,147; Oct. 4.
Crowey, Norman J. (See Drake, A. M., and Crowey.)
Cunningham, Irwin L., Dallas, Tex. Vehicle traffic signal switch. 2,131,726; Oct. 4.
Curtin-Howe Corporation. (See Curtin, Leo P., assignor.)
Curtin, Leo P., Cranbury, N. J., assignor to Curtin-Howe Corporation, New York, N. Y. Phosphate coating bath and making. 2,132,000; Oct. 4.
Curtis, Richard H., Chicago, and E. P. Byrnes, Jr., Evanston, Ill. Handle lock guard. 2,132,287; Oct. 4.
Cushwa, Charles B., assignor to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Tunnel liner segment. 2,131,794; Oct. 4.
Daisy Manufacturing Company. (See Lefever, Charles F., assignor.)
Davidson, Edward E., Houston, Tex. Variable choke. 2,131,836; Oct. 4.
Davidson, Martin, Ojai, Calif. Illuminated number or name plate. 2,131,795; Oct. 4.
Davis, George C., and G. J. Hachmeister, assignors to Davis Regulator Company, Chicago, Ill. Two-step solenoid valve. 2,132,204; Oct. 4.
Davis, Grace P. (See Davis, Lewis K., assignor.)
Davis, Harry E., Akron, Ohio. Confection handle and making same. 2,131,727; Oct. 4.
Davis, Lewis K., assignor to G. P. Davis, of Hampton, N. J. Impact press. 2,132,148; Oct. 4.
Davis Regulator Company. (See Davis, G. C., and Hachmeister, assignors.)
Day, Robert L., Seattle, Wash. Fertilizing sprinkler. 2,131,796; Oct. 4.
Dean, Walter B., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail car truck. 2,132,001; Oct. 4.
Deckel, Friedrich. (See Zwick, K., Deckel, Fischlmayr, and Ulsamer, assignors.)
Deckel, Fritz. (See Zwick, K., Deckel, Fischlmayr, and Ulsamer.)
De Laval Separator Company, The. (See Fox, Douglas P. S., assignor.)
De Laval Separator Company, The. (See Strezynski, G. J., and Kronasser, assignors.)
Del Genovese, Pietro, Pisa, Italy. Control device for atomizer nozzles, burner heads, and the like. 2,131,936; Oct. 4.
Denman, Harry B., Birmingham, assignor to Detroit Gasket & Manufacturing Company, Detroit, Mich. Panel. 2,131,728; Oct. 4.
Dental Research Corporation. (See Erdle, Reiner W., assignor.)
Detroit Edison Company, The. (See Hall, Harry G., assignor.)
Detroit Gasket & Manufacturing Company. (See Denman, Harry B., assignor.)
De Vita, Frank L., Livingston, N. J. Smoking pipe. 2,132,289; Oct. 4.
Dewar, Robert, and W. T. Sanford, Hoosick Falls, N. Y. Insulating cover. 2,131,937; Oct. 4.
Dickieson, Alton C., Hollis, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Secret transmission. 2,132,205; Oct. 4.
Dieterle, Walter, Dessau-Ziebigk, and W. Zeh, Dessau, Germany, assignors to Agfa Ansco Corporation, Binghampton, N. Y. Substituted hepta- and pentamethinecyanines. 2,131,853; Oct. 4.
Dietzgen, Eugene, Company. (See Langsner, Adolph, assignor.)
Di Domenico, Anthony, Forest Hills, Long Island, and D. Di Domenico, Brooklyn, N. Y. Container top. 2,132,206; Oct. 4.
Di Domenico, Dominick. (See Di Domenico, Anthony, and D.)
Dodge Manufacturing Corporation. (See Sollenberger, Reuel C., assignor.)
Dodge Manufacturing Corporation. (See Sollenberger, R. C., and Carroll, assignors.)
Doering, Charles and H., Chicago, Ill. Method of and apparatus for purifying dairy products. 2,132,099; Oct. 4.
Doering, Henry. (See Doering, Charles, and H.)
Donker, Hendrik J., Emmastad, Curacao, Dutch West Indies, assignor to Shell Development Company, San Francisco, Calif. Refining of naphthenic acids. 2,131,938; Oct. 4.
Donovan, Joseph L., Duluth, Minn. Wrench. 2,132,207; Oct. 4.
Dörzbach, Engen, and V. Bross, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Stable aqueous solutions of substances having an anesthetic effect. 2,132,351; Oct. 4.
Dougherty, David W., Waybille, Adelaide, South Australia, Australia. Automobile door dovetail. 2,132,100; Oct. 4.
Doyle, Irving W. (See Weiblen, E. C., and Doyle.)
Drake, Alden M., and N. J. Crowey, West Hartford, assignors to Niles-Bement-Pond Company, Hartford, Conn. Production tap grinder. 2,131,939; Oct. 4.
Dreyfus, Jean, Paris, France. Transmission means for control members. 2,131,797; Oct. 4.
Du-All Scaffold Bracket Company. (See Brown, Robert C., assignor.)
Dube, John E., assignor to The Fulton Syphon Company, Knoxville, Tenn. Temperature regulator. 2,132,290; Oct. 4.
Du Bois, Horace A., Neenah, assignor to Paper Patents Company, Neenah, Wis. Paper making. 2,132,016; Oct. 4.
Dunmore, Francis W., Washington, D. C., assignor to the Government of the United States, represented by the Secretary of Commerce. Ultrahigh frequency radio amplifier. 2,132,208; Oct. 4.
Dünnebier, Max. (See Winkler, A., and Dünnebier.)
Dunser, John F., Richmond Heights, Mo. Apparatus for sorting flexible sheet material. 2,132,231; Oct. 4.
Du Pont, E. I., de Nemours & Company. (See Armor, B. S., and Walsh, assignors.)
Du Pont, E. I., de Nemours & Company. (See Haskins, J. F., and Maxwell, assignors.)
Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Benner, assignors.)
Du Pont, E. I., de Nemours & Company. (See Salzberg, Paul L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Ware, Virgil W., assignor.)
Durex Products, Incorporated. (See Wahlberg, Frank, assignor.)
Duryea, O. C., Corporation. (See Duryea, Otho C., assignor.)
Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, New York, N. Y. Car body bolster. 2,132,232; Oct. 4.
Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, New York, N. Y. Cast railway car body bolster. 2,132,233; Oct. 4.
Duskey, Wade E., Parkersburg, W. Va., assignor to United States Quarry Tile Company, Canton, Ohio. Ceramic manufacture. 2,132,257; Oct. 4.
Eastern Refractories Company. (See Vanderpool, J. W., and Fiscus, assignors.)
Eastman Kodak Company. (See Nadeau, G. F., and Starck, assignors.)
Eaton Manufacturing Company. (See Jardine, Robert, assignor.)
Eclipse Aviation Corporation. (See Havill, Clinton H., assignor.)
Edeby, John A., et al. (See Nilson, Harold, assignor.)
Edwin, Emil, Oslo, Norway. Producing metals. 2,132,149; Oct. 4.

Electro-Chemical Engineering Corporation. (See Gunderson, L. O., and Carrick, assignors.)
Elevator Supplies Company. (See Nock, Harry, assignor.)
Elliott, Harold F., Palo Alto, Calif. Carrier wave system compensated automatic gain control. 2,132,101; Oct. 4.
Eimenthaler, William, Cleveland Heights, Ohio. Cover for cavities. 2,132,102; Oct. 4.
Elmer, William B., Winchester, Mass. Tree guard for aerial wires. 2,132,258; Oct. 4.
Emanueli, Luigi. Milan, Italy, assignor to Società Italiana Pirelli. Electric cable. 2,132,259; Oct. 4.
Erdle, Reiner W., Chicago, Ill., assignor to Dental Research Corporation. Denture. 2,131,940; Oct. 4.
Erdle, Reiner W., Chicago, Ill., assignor to Dental Research Corporation. Denture. 2,131,941; Oct. 4.
Euth, John E., Chicago, Ill., assignor to United Autographic Register Co. Carbon holding and retracting device for duplicating machines. 2,132,068; Oct. 4.
Evans Case Company. (See Harrer, Hans, assignor.)
Evans Case Company. (See Zipper, Walter, assignor.)
Evans, Charles J., and S. C., Lowestoft, England. Electromagnetic switching system. 2,131,942; Oct. 4.
Evans Manufacturing Company, The. (See Lion, H. S., and Rohrer, assignors.)
Evans, Stanley C. (See Evans, Charles J. and S. C.)
Evans, Theodore, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Stabilized compositions comprising aliphatic ethers. 2,132,017; Oct. 4.
Evans, Theodore, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Inhibition of peroxide formation in ethers. 2,132,018; Oct. 4.
Evans, Theodore, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Inhibition of peroxide formation in aliphatic ethers. 2,132,019; Oct. 4.
Fabbro, Antonio, Tampa, Fla. Expansion joint. 2,131,798; Oct. 4.
Fairbanks, Morse & Co. (See Ritz, Frederick, assignor.)
Fairchild Aerial Camera Corporation. (See Weiblen, E. C., and Doyle, assignors.)
Fairfield, T. J. (See Farmer, C. S., Beaver, and Fairfield.)
Falcon Machine and Tool Co. (See Schmadeke, Herman R., assignor.)
Farmer, Bertha F., executrix. (See Farmer, C. S., Beaver, and Fairfield.)
Farmer, Charles S., deceased, by B. F. Farmer, executrix, Welwyn Garden City, and C. J. Beaver and T. J. Fairfield, Bowdon, assignors to W. T. Glover and Company Limited, Manchester, England. Apparatus for extruding metal. 2,131,799; Oct. 4.
Fauner, Joseph F., Irvington, N. J. Weather strip. 2,132,103; Oct. 4.
Fee, Thomas A., assignor to Gasoline Energy Distributors Limited, Vancouver, British Columbia, Canada. Thermostatically controlled variable-throw crankpin mounting device. 2,131,729; Oct. 4.
Fennell, Charles A. F., assignor to C. E. Foster, Letchworth, England. Control device. 2,131,943; Oct. 4.
Fenske, Merrell R., State College, Pa., assignor to Pennsylvania Petroleum Research Corporation. Apparatus for treating mineral oils. 2,132,150; Oct. 4.
Fenske, Merrell R., State College, and W. B. McClure, Bradford, Pa., assignors to Pennsylvania Petroleum Research Corporation. Apparatus for treating mineral oils. 2,132,151; Oct. 4.
Fenton, Bruton, Murphysboro, Ill., assignor to United Shoe Machinery Corporation, Paterson, N. J. Toe lasting mechanism. 2,131,837. Oct. 4.
Fertig, William A. (See Gaines, O. I., and Fertig.)
Fick, George, Brooklyn, N. Y., assignor to M. H. Loughridge, Bogota, N. J., trustee. Refrigerating system and apparatus. 2,132,234; Oct. 4.
Fillinger, Charles, assignor to Herr Manufacturing Company, Inc., Buffalo, N. Y. Spinning ring and traveler therefor. 2,132,260; Oct. 4.
Fillinger, Charles, assignor to Herr Manufacturing Company, Inc., Buffalo, N. Y. Spinning ring and traveler therefor. 2,132,261; Oct. 4.
Fischer, Albert C., Chicago, Ill. Apparatus for making composition strips. 2,132,152; Oct. 4.
Fischlmayr, Hans. (See Zwick, K., Deckel, Fischmayr, and Ulsamer.)
Fiscus, Raymond E. (See Vanderpool, J. W., and Fiscus.)
Fitos, Miklos, Woodbridge, N. J. Spring seat. 2,132,291; Oct. 4.
Florence-Wehrle Stove Co. (See Pickup, George E., assignor.)
Focke, Theodore B. (See Chadwick, L. S., and Focke.)
Folke, Bengt E., Mamaroneck, assignor to Nathan Manufacturing Company, New York, N. Y. Injector overflow mechanism. 2,131,871; Oct. 4.
Forster, Percy M., Berkeley, Calif. Gas burner. 2,132,020; Oct. 4.
Forster, Percy M., Berkeley, Calif. Orchard heater. 2,132,021; Oct. 4.
Fosgood Corporation. (See Graham, Philip J., assignor.)
Fosgood Corporation. (See Richards, Harry C., assignor.)
Foster, Charles E. (See Fennell, Charles A. F., assignor.)
Fox, Douglas P. S., London, England, assignor to The De Laval Separator Company, New York, N. Y. Clarifying and sterilizing beer and other liquids. 2,131,885; Oct. 4.
Francis, Oliver T., Renville, Minn. Television system. 2,131,886; Oct. 4.
Frangeo Company, The. (See Schwalbe, Franz G., assignor.)
Frank, Harrison J. L., and J. A. Messing, Detroit, Mich. Trolley collector for electrical distribution systems. 2,132,022; Oct. 4.
Frank, William H., Detroit, Mich. Circuit breaker. 2,131,800; Oct. 4.
Frearson, Thomas B. (See Moncrieff, R. W., Hill, and Frearson.)
Fredericksen, James P., Wollaston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Insole and making the same. 2,131,838; Oct. 4.
Freeman, Walter R., University City, assignor to Wagner Electric Corporation, St. Louis, Mo. Clutch and brake control mechanism. 2,131,944; Oct. 4.
Friederich, Ernst, Berlin-Charlottenburg, and H. W. Klose, Berlin-Reinickendorf, assignors to Allgemiene Elektricitats Gesellschaft, Berlin, Germany. Heater manufacture. 2,131,887; Oct. 4.
Friedman, Irving, et al. (See Horowitz, Max, assignor.)
Friedman, Morris, et al. (See Horowitz, Max, assignor.)
Froeliger, William E., Lawrence, Kans. Vehicle window silencer. 2,132,104; Oct. 4.
Fry, Harry R. (See Wicknick, W., and Fry.)
Fuller, Hermoine. (See Fuller, William W., assignor.)
Fuller, William W., assignor to H. Fuller, Norfolk, Va. Power steering apparatus. 2,132,023; Oct. 4.
Fulton Syiphon Company, The. (See Dube, John E., assignor.)
Furman, Frank J. (See Mills, A. W., Rabenda, and Furman.)
Gabriel, Joseph A., Rocky River, Ohio. Thermooperative valve. 2,132,262; Oct. 4.
Gaines, Oliver I., and W. A. Fertig, Edgewood, Md. Universal facepiece for gas masks. 2,131,730; Oct. 4.
Galpin, Fred G., Williamsfield, Ill. Muicher lifter. 2,131,872; Oct. 4.
Garretson, Richard E. J., Gering, Nebr., assignor of one-half to E. S. Starrett, Hartville, Wyo. Rotary internal combustion engine. 2,132,153; Oct. 4.
Gasoline Energy Distributors Limited. (See Fee, Thomas A., assignor.)
Gaspar, Bela, Brussels, Belgium. Producing combined colored and black and white pictures. 2,132,154; Oct. 4.
Gassner, Sebastian. (See Kumetat, K., and Gassner.)
Gassner, Sebastian, and B. Bienert, Leverkusen-I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Diphenyl derivative. 2,131,731; Oct. 4.
Gathmann, Emil, et al. (See Stirn, Lewis O., assignor.)
Geier, P. A., Company, The. (See Martinet, Eugene F., assignor.)
Geiger, Walter J., Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp and manufacture thereof. 2,132,368; Oct. 4.
Geiger, Walter J., and R. J. Ayres, Cleveland Heights, Ohio, assignors to General Electric Company. Lamp making apparatus. 2,132,369; Oct. 4.
Gelhaar, Stefan J., Ljungaverk, assignor to Stockholms Superfosfat Fabriks Aktiebolag, Stockholm, Sweden. Manufacturing a product containing calcium nitrate and ammonium nitrate. 2,132,155; Oct. 4.
General Aniline Works, Inc. (See Gassner, S., and Bienert, assignors.)
General Aniline Works, Inc. (See Roesch, G., Nawiasky, and Saftien, assignors.)
General Aniline Works, Inc. (See Rösch, G., Nawiasky, and Saftien, assignors.)
General Aniline Works, Inc. (See Schuster, C., and Krzikalla, assignors.)
General Aniline Works, Inc. (See Zerweck, W., and Schiltz, assignors.)
General Electric Company. (See Becker, Howard I., assignor.)
General Electric Company. (See Cameron, Donald G., assignor.)
General Electric Company. (See Geiger, Walter J., assignor.)
General Electric Company. (See Geiger, W. J., and Ayres, assignors.)
General Electric Company. (See King, William R., assignor.)
General Electric Company. (See Lord, Harold W., assignor.)
General Electric Company. (See Mallard, Manley T., assignor.)
General Electric Company. (See Pratt, William H., assignor.)
General Electric Company. (See Roberts, Willard A., assignor.)
General Electric Company. (See Savage, Marion A., assignor.)
General Electric Company. (See Stewart, Clyde E., assignor.)
General Electric Company. (See Thompson, Louis W., assignor.)
General Fireproofing Company, The. (See McKinley, W. H., and Johnson, assignors.)
General Motors Corporation. (See Arthur, James L., assignor.)
General Motors Corporation. (See Candor Robert R., assignor.)

General Motors Corporation. (See Smith, Harry G., assignor.)
General Motors Corporation. (See Sullivan, R. H., Hutchins, and Wallis, assignors.)
General Railway Signal Company. (See Bryant, Stanley C., assignor.)
General Railway Signal Company. (See Hitchcock, Forest B., assignor.)
General Railway Signal Company. (See Hoppe, Walter H., assignor.)
General Railway Signal Company. (See Phinney, Robert M., assignor.)
General Railway Signal Company. (See Reichard, W. H., and Bushnell, assignors.)
General Railway Signal Company. (See Wight, Sedgwick N., assignor.)
Gessner, David, Worcester, Mass. Method and apparatus for shrinking and drying cloth. 2,132,156; Oct. 4.
Gibbs, John C., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Cap and sealed package. 2,131,945; Oct. 4.
Gibbs, Leon M., Birmingham, Ala., assignor to Teleswitch Corporation. Centralized mechanism for automatically indicating the position, identity, and movement of railway cars in the switchingyard. 2,131,946; Oct. 4.
Gilmore, Gordon M., assignor to Los Angeles Steel Casting Company, Ltd., Los Angeles, Calif. Sheep foot tamper. 2,131,947; Oct. 4.
Gladstone, William D., New York, assignor to The Fred. Gretsch Manufacturing Co., Brooklyn, N. Y. Musical tuning device. 2,132,105; Oct. 4.
Globe Oil Tools Company. (See Catland, Alfred C., assignor.)
Glover, W. T., and Company Limited. (See Farmer, C. S., Beaver, and Fairfield, assignors.)
Goldberg, Jacob M., Denver, Colo. Film rewind device. 2,132,024; Oct. 4.
Goldhammer, Leo, Munich, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Roll film camera. 2,132,157; Oct. 4.
Gompers, Lewis, trustee. (See Ashley, Frank M., assignor.)
Gonsett, Robert R., Los Angeles, assignor of one-fourth to P. P. Ruggieri, Ventura, and one-fourth to J. M. Wargin, Hueneme, Calif. Electric hair clipper. 2,132,025; Oct. 4.
Gonthier, Walter C., et al. (See Poché, John M., assignor.)
Goodman Manufacturing Company. (See Bergmann, Ernst R., assignor.)
Goodwillie, David H., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for bending glass. 2,131,873; Oct. 4.
Government of the United States, represented by The Secretary of Commerce. (See Dunmore, Francis W., assignor.)
Graham, Eric B., Friern Park, North Finchley, assignor to Specialloid Limited, London, England. Spring ring or circlet. 2,131,948; Oct. 4.
Graham, Philip J., assignor to Fosgood Corporation, Leominster, Mass. Ophthalmic mounting. 2,132,106; Oct. 4.
Gray Tool Company. (See Yancey, John R., assignor.)
Green, Richard D., assignor to John A. Roebling's Sons Company, Trenton, N. J. Insulated electric conductor. 2,132,235; Oct. 4.
Greene, John M., Waukesha, Wis. Advertising display or hanger for bottles. 2,132,236; Oct. 4.
Greenfield, Andy J. (See Vernon, G. G., and Greenfield.)
Greenlee, Earle R., Detroit, Mich. Roofing. 2,132,209; Oct. 4.
Gremillion, Ernest S., Bunkie, La. Self-oiling die stock. 2,131,854; Oct. 4.
Gretsch, Fred., Manufacturing Co., The. (See Gladstone, William D., assignor.)
Griffin, John B., Oakville, Conn. Radiator protector. 2,131,874; Oct. 4.
Griffith, James E., Denver, Colo. Forward view mirror for automobiles. 2,132,026; Oct. 4.
Gruender, Oscar C., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Double acting jaw crusher. 2,131,801; Oct. 4.
Grund, William, Detroit, Mich. Gauge for masonry joints. 2,132,027; Oct. 4.
Grupe, William F., Lyndhurst, assignor to Chambon Corporation, Garfield, N. J. Cigarette paper booklet. 2,132,340; Oct. 4.
Grupe, William F., Lyndhurst, assignor to Chambon Corporation, Garfield, N. J. Magazine cover and producing same. 2,132,341; Oct. 4.
Guldbech, Carl C., Bronx, N. Y. Dough twisting machine. 2,132,158; Oct. 4.
Gulf Research & Development Company. (See Hoyt, Archer, assignor.)
Gullette, Willis S., Highland, Ind., assignor to Sinclair Refining Company, New York, N. Y. Refining. 2,132,159; Oct. 4.
Gunderson, Lewis O., and O. W. Carrick, assignors to Electro-Chemical Engineering Corporation, Chicago, Ill. Automatic boiler water conditioner and blow-off system. 2,132,028; Oct. 4.
Gutmann, Ferdinand, & Co. (See Waring, Olaf I., assignor.)
Gyles, Thomas B. (See Robson, S., and Gyles.)
H & B American Machine Company. (See Jackson, John F., assignor.)
Hachmeister, George J. (See Davis, G. C., and Hachmeister.)
Haegele, Otto P., assignor to Streeter-Amet Company, Chicago, Ill. Weighing apparatus. 2,132,237; Oct. 4.
Hagedorn, Max, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Manufacture of shaped articles. 2,132,160; Oct. 4.
Haines, John E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Steam jet refrigerating system. 2,132,292; Oct. 4.
Haisty, James G., Yonkers, N. Y. Convertible roof structure for tents, cabanas, and the like. 2,132,238; Oct. 4.
Hale Fire Pump Co., The. (See Wendell, E. J., and Sargent, assignors.)
Hall, Cary B., Nashville, Tenn. Hand truck. 2,132,069; Oct. 4.
Hall, Harry G., assignor to The Detroit Edison Company, Detroit, Mich. Fiber conduit joint. 2,131,839; Oct. 4.
Hall, Jesse E., Los Angeles, Calif. Insertable circulation starter for well strings. 2,132,161; Oct. 4.
Halliburton Oil Well Cementing Company. (See Bolton, K., and Weller, assignors.)
Hambleton, Emerson, Toronto, Ontario, Canada. Air conditioner. 2,132,263; Oct. 4.
Hamm, Alois, Tirschenreuth, Germany. Road roller. 2,132,107; Oct. 4.
Hammell, Charles H., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Tumbling mill. 2,131,732; Oct. 4.
Hammer, Bernard W. (See Lane, C. B., and Hammer.)
Hanson, Peder, Elrose, Saskatchewan, Canada. Combined machine. 2,132,210; Oct. 4.
Harmon, Edwin L., Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Separable hinge connection. 2,131,802; Oct. 4.
Harrer, Hans, Vienna, Austria, assignor to Evans Case Company, North Attleboro, Mass. Razor construction. 2,132,293; Oct. 4.
Harris, Floyd M., Merchantville, N. J. Automobile lighting system. 2,131,888; Oct. 4.
Harrison, John K. M., Ogontz, Pa. Applicator means for paper tube winders. 2,132,239; Oct. 4.
Haskins, Joseph F., and R. W. Maxwell, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivatives. 2,131,733; Oct. 4.
Hass, Henry B., West Lafayette, and B. M. Vanderbilt, Terre Haute, assignors to Purdue Research Foundation, La Fayette, Ind. Nitroalcohols. 2,132,352; Oct. 4.
Hass, Henry B., West Lafayette, and B. M. Vanderbilt, Terre Haute, assignors to Purdue Research Foundation, La Fayette, Ind. Nitroalcohol. 2,132,353; Oct. 4.
Hatvelt, Alfred, Missoula, Mont. Heater. 2,132,294; Oct. 4.
Hauser & Sobotka A. G. (See Huber, Hans, and Laster, assignors.)
Havill, Clinton H., South Orange, assignor to Eclipse Aviation Corporation, East Orange, N. J. Propeller. 2,132,162; Oct. 4.
Hawkins, Earl, Springfield, Mo. Stapling device. 2,132,295; Oct. 4.
Heat-Rite Fireplace, Inc. (See Sroat, Paul H., assignor.)
Helmig, Charles F., Pekin, Ill. Machinery carrying trailer. 2,131,949; Oct. 4.
Henderson, Albert, assignor to W. P. Witherow, Pittsburgh, Pa. Building block. 2,131,803; Oct. 4.
Henke, Clyde O., Wilmington, Del., and R. G. Benner, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of mono nitrated alkyl benzenes. 2,131,734; Oct. 4.
Huck, Louis C., Buchanan, Mich., assignor to Huxon Holding Corporation. Riveting mechanism. 2,132,112; Oct. 4.
Huck, Louis C., Buchanan, Mich., assignor to Huxon Holding Corporation. Rivet setting mechanism. 2,132,113; Oct. 4.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Printing plate. 2,131,891; Oct. 4.
Hueckstead, Walter, Chicago, Ill. Bass drum beater. 2,131,211; Oct. 4.
Hummel, Fred, Hopewell, Va. Ice cube holder and handling ice cubes. 2,131,855; Oct. 4.
Hunt, J Harold, and H. J. Horn, Lansing, assignor, by mesne assignments, to G. A. Lyon, Detroit, Mich. Vehicle wheel. 2,132,298; Oct. 4.
Hunt, Nathan C., and S. C. Chessman, Salem, Ohio; said Chessman assignor to said Hunt. High pressure valve. 2,132,030; Oct. 4.
Hurst, Samuel A., Leonia, N. J., assignor to Lever Brothers Company. Apparatus for blanketing comestibles with inert gas. 2,131,876; Oct. 4.
Hutchins, William H. (See Sullivan, R. H., Hutchins, and Wallis.)
Hutchison, Elia J., et al., executors. (See Hutchison, Robert B.)
Hutchison, Mary W., et al., executors. (See Hutchison, Robert B.)

Hutchison, Robert B., deceased, Pittsburgh, Pa.; E. J. and M. W. Hutchison, executors. Exploding splitting tool. 2,132,114; Oct. 4.

Huxon Holding Corporation. (See Huck, Louis C., assignor.)

Hybinette, Noak V., Jackson, Mich. Treating sulphide ores. 2,132,031; Oct. 4.

I. G. Farbenindustrie Aktiengesellschaft. (See Billig, Kurt, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Holler, Hermann, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Osswald, P., and Scherer, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Wenzel, Wilhelm, assignor.)

I. S. M. Limited. (See Sandor, Nicholas and F. E. L., assignors.)

Iams, Harley A., Berkeley Heights, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,131,892; Oct. 4.

Imperial Chemical Industries Limited. (See Knight, Arthur H., assignor.)

Imperial Die Casting Company, The. (See Johnson, Roy F., assignor.)

Industrial Rayon Corporation. (See Burkholder, Alden H., assignor.)

International Business Machines Corporation. (See Ayres, Waldemar, assignor.)

International Business Machines Corporation. (See Brand, Samuel, assignor.)

International Business Machines Corporation. (See Bryce, James W., assignor.)

International Business Machines Corporation. (See Carroll, F. M., and Bakelaar, assignors.)

International Business Machines Corporation. (See Chapman, Bert, assignor.)

International Business Machines Corp. (See Kölm, U. M. W., and Mutschler, assignors.)

International Business Machines Corporation. (See Malmros, G. Y. A., and Wilkerson, assignors.)

International Business Machines Corporation. (See Mills, Albert W., assignor.)

International Business Machines Corporation. (See Mills, A. W., Rabenda, and Furman, assignors.)

International Business Machines Corporation. (See Nichols, Harry J., assignor.)

International Business Machines Corporation. (See Torkelson, Torkel E., assignor.)

Iowa State College Alumni Association. (See Lane, C. B., and Hammer, assignors.)

Ipatieff, Vladimir, and V. Komarewsky, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,131,806; Oct. 4.

Ironsides Company, The. (See Williams, R. C., and Bone, assignors.)

Isherwood, Benjamin J. (See Rockett, J. M., Isherwood, and Read.)

Jackson, Ernest L., Washington, D. C. Rendering wool unshrinkable. 2,132,342; Oct. 4.

Jackson, John F., Pawtucket, R. I., assignor to H & B American Machine Company. Drawing mechanism for textile slivers or rovings. 2,132,299; Oct. 4.

Henry, Fred B., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Foundry sand conditioning apparatus. 2,132,163; Oct. 4.

Henry, Fred B., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Foundry sand conditioning apparatus. 2,132,164; Oct. 4.

Henry, Fred B., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Foundry sand conditioning apparatus. 2,132,165; Oct. 4.

Hensel, Franz R., assignor to P. R. Malloy & Co., Inc., Indianapolis, Ind. Refractory metal composition. 2,131,994; Oct. 4.

Herr Mannfacturing Company. (See Fillinger, Charles, assignor.)

Herthel, Eugene C., Flossmoor, Ill., assignor to Sinclair Refining Company, New York, N. Y. Dewaxing petroleum oils. 2,132,108; Oct. 4.

Hester, Levi C., Jacksonville, Fla. Plow. 2,132,166; Oct. 4.

Higbee, James F., Detroit, Mich. Dual wheel assembly. 2,132,029; Oct. 4.

High, Carl F., Flint, Mich. Fuel feeding system for internal combustion engines. 2,131,950; Oct. 4.

Hight, Franklin R., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Construction of hubs. 2,132,002; Oct. 4.

Hill, Frank B. (See Moncrieff, R. W., Hill, and Frearson.)

Hill, Harold N., Philadelphia, Pa. Rivet package. 2,132,296; Oct. 4.

Hitchcock, Forest B., Greece, assignor to General Railway Signal Company, Rochester, N. Y. Time element relay. 2,132,109; Oct. 4.

Hochmuth, George H. (See Rusnak, J. M., and Hochmuth.)

Hochwalt, Carroll A. (See Ault, W. C., and Hochwalt.)

Hodgman, Frederick S., Glen Rock, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic steering device for ships. 2,131,951; Oct. 4.

Hoe, R. & Co. (See Huck, William F., assignor.)

Hoerbiger, Alfred, Mauer, near Vienna, and F. Schabetsberger, Vienna, Austria. Electromagnetically regulating the output of compressors. 2,132,070; Oct. 4.

Holler, Hermann, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Apparatus for surface hardening metal articles. 2,132,110; Oct. 4.

Holmes, Henry S., assignor to Metropolitan Engineering Company, Brooklyn, N. Y. Pedal. 2,131,889; Oct. 4.

Hoist, Lodewyk J. R., Brookline, Pa., assignor to The S. M. M. H. Corporation, Dover, Del. Motion picture apparatus. 2,132,003; Oct. 4.

Holub, John J., Cicero, Ill. Knock-down shoe for furnaces. 2,131,804; Oct. 4.

Homestead Valve Manufacturing Company. (See Ofeldt, Frank W., assignor.)

Honegger, John R., Plainfield, N. J. Signaling mail box. 2,132,111; Oct. 4.

Hope, Orville L., East Gastonia, N. C. Grinding card flats. 2,132,240; Oct. 4.

Hopfield, John J., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Nonreflecting window. 2,131,875; Oct. 4.

Hopkins, Lloyd C., Jr., Jersey City, N. J., assignor, by mesne assignments, to Radio Corporation of America. Brazing. 2,131,890; Oct. 4.

Hoppe, Walter H., assignor to General Railway Signal Company, Rochester, N. Y. Continuous inductive train control system. 2,131,735; Oct. 4.

Hoppe, Walter H., assignor to General Railway Signal Company, Rochester, N. Y. Continuous inductive train control system. 2,131,736; Oct. 4.

Horn, Harry J. (See Hunt, J. H., and Horn.)

Horowitz, Max, Brooklyn, assignor of forty-five per cent to M. and I. Friedman, and ten per cent to E. Spiegel, New York, N. Y. Decorative light and chime display. 2,132,297; Oct. 4.

Hotchkiss, E. H., Company, The. (See Polzer, Fridolin, assignor.)

House, Frank R., Baldwin Harbor, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Nocturnal antiaraft fire control system. 2,131,952; Oct. 4.

Hovland, Henry, Williston Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,132,241; Oct. 4.

Howe, Lewis, East Angus, Quebec, Canada. Bending strength tester. 2,131,805; Oct. 4.

Hoyt, Archer, Aspinwall, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Gravimeter. 2,131,737; Oct. 4.

Hoyt, Archer, Aspinwall, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Optical system. 2,131,738; Oct. 4.

Hoyt, Archer, Aspinwall, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Helical ribbon spring measuring apparatus. 2,131,739; Oct. 4.

Hubbard, Henry M., Cleveland, Ohio. Metal rolling apparatus and method for annular work. 2,132,370; Oct. 4.

Huber, Hans, and R. Laster, Vienna, Austria, assignors to Hauser & Sobotka A. G., Stadlau, Germany. Producing dry enzymatic preparation from animal organs. 2,132,167; Oct. 4.

Jacobi, Herbert J., et al. (See Blum, Harry, assignor.)

Jacobi, William J., et al. (See Blum, Harry, assignor.)

Jacobsen, Aage A., Copenhagen, Denmark. Partition wall. 2,132,032; Oct. 4.

Jardine, Robert, Detroit, Mich., assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Making valves. 2,131,953; Oct. 4.

Jarrett, George E., Rochester, N. Y., assignor of one-fourth to A. Moss, Geneseo, N. Y. Lifting jack for automobiles. 2,132,343; Oct. 4.

Jeffrey Manufacturing Company, The. (See Henry, Fred B., assignor.)

Jerum, Henry, New York, N. Y. Dental burr holder. 2,131,807; Oct. 4.

Jessen, Charles C., Miami, Fla. Process and apparatus for twisting threads. 2,131,893; Oct. 4.

Joa, Curt G., assignor to Curt G. Joa, Inc., Manitowoc, Wis. Sanitary napkin machine. 2,131,808; Oct. 4.

Joa, Curt G., Inc. (See Joa, Curt G., assignor.)

Jockisch, Velmer H., Greensboro, Ala. Plant duster. 2,131,954; Oct. 4.

Johansson, Johan E., assignor to Aktiebolaget Götaverken, Goteborg, Sweden. Utilizing exhaust steam. 2,132,212; Oct. 4.

Johnson, Bror E., Alsten, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Sealing collapsible tubes. 2,132,071; Oct. 4.

Johnson, Eric M. (See McKinley, W. H., and Johnson.)

Johnson, Hugh, Reidsville, N. C. Garden tool. 2,132,300; Oct. 4.

Johnson Laboratories, Inc. (See Schaper, William A., assignor.)

Johnson, Roy F., Oak Park, assignor to The Imperial Die Casting Company, Chicago, Ill. Die casting machine. 2,131,955; Oct. 4.

Johnston, Mordica O., Los Angeles, Calif. Formation tester. 2,132,072; Oct. 4.

Jones, William W., Miami, Fla. Broom holder. 2,131,956; Oct. 4.

Jonitz, Georgina F., Louisville, Ky. Receptacle closure. 2,132,115; Oct. 4.

Jönsson, Nils O., Malmo, Sweden. Suspender clip. 2,132,073; Oct. 4.

Kachnowski, Phyllis. (See Kowalewska, Czeslawa, assignor.)

Kadenacy, Michel, Paris, France. Charging and scavenging of the cylinders of two-stroke internal combustion engines. 2,131,957; Oct. 4.

Kadenacy, Michel, Paris, France. Two-stroke cycle internal combustion engine. 2,131,958; Oct. 4.

Kadenacy, Michel, Paris, France, assignor of one-half to Armstrong Whitworth Securities Company, Limited, London, England. Timing of the inlet and exhaust orifices of two-stroke internal combustion engines. 2,131,959; Oct. 4.

Kahn, Harry, New Bern, N. C., assignor, by mesne assignments, to Ready Made Neckwear Corporation. Necktie. 2,132,301; Oct. 4.

Kalb, Harry N. (See Overacker, Horace E., assignor.)

Kalle & Co. Aktiengesellschaft. (See Neugebauer, W., Ostwald, and Sponsel, assignors.)

Kapinas, Ruth M., assignor, by mesne assignments, to Munsingwear, Inc., Minneapolis, Minn. Garment. 2,132,033; Oct. 4.

Kappelman, Donald G., Chicago, Ill. Gas valve. 2,131,740; Oct. 4.

Kartaschoff, Valentin, and F. Aeschlimann, assignors to the firm Chemical Works formerly Sandoz, Basel, Switzerland. Treatment of direct dyestuffs. 2,132,074; Oct. 4.

Keefer, Harry P., assignor of fifty per cent to E. G. Alexrod, Alliance, Ohio. Garment clasp. 2,132,075; Oct. 4.

Keith, James V. (See Schmidt, Herbert A., assignor.)

Kelley-Koett Manufacturing Company. (See Kotraschek, L. C., and Brunst, assignors.)

Kennelly, Jeremiah D., Oak Park, Ill. Lamp structure. 2,132,302; Oct. 4.

Kiepe, Henry R., Newark, N. J., assignor to Baker & Company, Inc. Alloy. 2,132,116; Oct. 4.

Kilien, Dan J., Rapid City, S. Dak. Valve. 2,131,809; Oct. 4.

King, Roderick V., Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Reversing and locking mechanism for spring motor toys. 2,131,877; Oct. 4.

King, William R., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,132,264; Oct. 4.

Kinsella, Edward, J. Bower, J. F. Briggs, and R. P. Roberts, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of cellulose derivatives. 2,131,810; Oct. 4.

Kittle Manufacturing Co. (See Munro, Thomas, assignor.)

Kittredge, Ray E., assignor to Joseph Reid Gas Engine Company, Oil City, Pa. Safety stop for internal combustion engines. 2,131,811; Oct. 4.

Klages, Wilhelm. (See Kriwat, H., and Klages.)

Klarer, Josef. (See Mietzsch, F., and Klarer.)

Kleeb, Leonard, Jr., Fall River, Mass., assignor, by mesne assignments, to The Terrell Machine Company, Charlotte, N. C. Bobbin stripper. 2,132,344; Oct. 4.

Klein, Maximilian, and B. Willach, Seiversville, and W. Stader, Perknsie, assignors to United States Gauge Company, Sellersville, Pa. Vehicle compass. 2,132,168; Oct. 4.

Kleinschmidt, Edward E. and E. F., Highland Park, assignors to Teletype Corporation, Chicago, Ill. Facsimile printing telegraph system and apparatus. 2,131,741; Oct. 4.

Kleinschmidt, Edward F. (See Kleinschmidt, Edward E. and E. F.)

Klose, Hermann W. (See Friederich, E., and Klose.)

Knight, Arthur H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Azo dyestuffs and their production. 2,131,894; Oct. 4.

Knowles, Edwin C., Beacon, assignor to The Texas Company, New York, N. Y. Separation of wax from hydrocarbon oils. 2,132,355; Oct. 4.

Knowles, Edwin C., Beacon, N. Y., and E. W. McNealy, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Dewaxing wax-bearing oil. 2,132,354; Oct. 4.

Kölm, Ulrich M. W., Berlin-Lankwitz, and H. Mutschler, Berlin-Sudende, Germany, assignors to International Business Machines Corp., New York, N. Y. Paper feeding device. 2,131,895; Oct. 4.

Komarewsky, Vasili. (See Ipatieff, V., and Komarewsky.)

Korolick, Samuel R., Bath, Maine. Trousers. 2,132,117; Oct. 4.

Kotraschek, Leo C., New York, N. Y., and H. C. Brunst, assignors to The Kelley-Koett Manufacturing Company, Inc., Covington, Ky. Fluoroscopic apparatus. 2,132,076; Oct. 4.

Kovac, Rudolph, assignor to American Automatic Devices Co., Chicago, Ill. Flare torch. 2,132,004; Oct. 4.

Kowalewska, Czeslawa, assignor of forty-nine per cent to P. Kachnowski, Chicago, Ill. Holder for lacework and the like. 2,132,265; Oct. 4.

Kriwat, Hans, Brunswick-Gliesmarode, and W. Klages, Hanover, Germany. Insect catcher with catching grid under electric tension. 2,132,371; Oct. 4.

Kronasser, Walter. (See Strezynski, G. J., and Kronasser.)

Krzikalla, Hans. (See Schuster, C., and Krzikalla.)

Kumetat, Karl, Dessau in Anhalt, and S. Gassner, Leverkusen, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Photographic desensitizing. 2,131,742; Oct. 4.

Kumetat, Karl, Dessau, and S. Gassner, Leverkusen, near Cologne, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Photographic desensitizing. 2,132,169; Oct. 4.

La Chapelle, Euclid L., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe upper stretching machine. 2,131,840; Oct. 4.

Lambert, Oswald, Tamise, Belgium. Spinning and like textile frame. 2,131,896; Oct. 4.

Lambert, Thomas H., Ridgewood, N. J., assignor of forty-five per cent to R. Tortoreto and twenty per cent to J. Mergendoller, New York, N. Y. Electric plug. 2,131,856; Oct. 4.

Lamson Company, The. (See Regan, John E., assignor.)

Landis Machine Company. (See Neil, Frederic, assignor.)

Lane, Clarence B., and B. W. Hammer, assignors to Iowa State College Alumni Association, Incorporated, Ames, Iowa. Making blue-veined cheese. 2,132,077; Oct. 4.

Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Transit. 2,132,170; Oct. 4.

Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Surveying instrument. 2,132,171; Oct. 4.

Langsner, Adolph, assignor to Eugene Dietzgen Co., Chicago, Ill. Tangent adjusting means. 2,132,172; Oct. 4.

La Rue, Dee, Chicago, Ill. Dressmaking form and the like. 2,132,034; Oct. 4.

Laster, Robert. (See Huber, H., and Laster.)

Lathrop, Harry D., Chicago, Ill., assignor to The Lathrop-Paulson Co. Drying mechanism for cans and the like. 2,132,303; Oct. 4.

Lathrop-Paulson Co., The. (See Lathrop, Harry D., assignor.)

Lauret, Marin A., Neuilly/Seine, France. Liquid fuel injection apparatus for internal combustion engines. 2,131,857; Oct. 4.

Lawrence, Arthur L., Newton, Mass. Coaster. 2,131,878; Oct. 4.

Lecher, Hans Z., Plainfield, and M. Scalera, Somerville, assignors to The Calco Chemical Co., Inc., Bound Brook, N. J. Carboxylation of alkali metal salts of phenols. 2,132,356; Oct. 4.

Lecher, Hans Z., Plainfield, and M. Scalera, Somerville, assignors to The Calco Chemical Company, Inc., Bound Brook, N. J. Carboxylation of alkali metal salts of phenols. 2,132,357; Oct. 4.

Ledrich, Robert W., Cuyahoga Falls, Ohio. Noncocking fishing spinner. 2,131,858; Oct. 4.

Lee, Clifton H. (See Nixon, J. D., and Lee.)

Lee, Robert, Savannah, Ga. Safety attachment for automotive vehicles. 2,132,304; Oct. 4.

Lefever, Charles F., assignor to Daisy Manufacturing Company, Plymouth, Mich. Air gun. 2,132,173; Oct. 4.

Lefevre, Emil B. G., Detroit, Mich. Gooseneck concealed hinge. 2,132,266; Oct. 4.

Legg, David A., and M. T. Walton, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Butyl alcohol fermentation. 2,132,358; Oct. 4.

Leighton Machine Company. (See Rice, John H., assignor.)

Leipold, Hugo, assignor to Buffalo Fire Appliance Corporation, Buffalo, N. Y. Fire extinguisher. 2,132,035; Oct. 4.

Lescalleet, John F., Lancaster, Ohio. Automobile seat holder. 2,132,305; Oct. 4.

Less, Joseph W., Clinton, Iowa. Display device. 2,131,960; Oct. 4.

Lever Brothers Company. (See Hurst, Samuel A., assignor.)

Libbey-Owens-Ford Glass Company. (See Burrell, Charles D., assignor.)

Libbey-Owens-Ford Glass Company. (See Goodwillie, David H., assignor.)

Libbey-Owens-Ford Glass Company. (See Hopfield, John J., assignor.)

Linke, Conrad J., Philadelphia, Pa. Apparatus for controlling or indicating photographic exposures. 2,132,306; Oct. 4.

Linn, Leroy R., Sheboygan, Wis. Hand loom heddle shifting device. 2,132,078; Oct. 4.

Lion, Harold S., and C. G. Rohrer, assignors, by mesne assignments, to The Evans Manufacturing Company, Cincinnati, Ohio. Nonrodded milk crate. 2,132,118; Oct. 4.

Little, Arthur D., Incorporated. (See Billings, Howard J., assignor.)

Locke, Arthur S., Philadelphia, Pa., asignor to Baldwin-Southwark Corporation. Air conditioning apparatus. 2,132,372; Oct. 4.

Locke, George A., Glenwood Landing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Recorder of liquid level heights. 2,132,213; Oct. 4.

Lombard, Robert H. (See Milligan, L. H., and Lombard.)

Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Heavy alternating-current measurement. 2,132,267; Oct. 4.

Los Angeles Steel Casting Company. (See Gilmore, Gordon M., assignor.)

Loucks, George C., and J. R. H. Ward, Milwaukee, Wis. Embossing and perforating preformed shoe parts. 2,132,036; Oct. 4.

Loughridge, Matthew H., Bogota, N. J. Venturi siphon. 2,131,743; Oct. 4.

Loughridge, Matthew H., trustee. (See Fick, George, assignor.)

Lovell-Dressel Company. (See Menna, Antonio, assignor.)
Lubrix Products, Inc. (See Anderson, Hugo J., assignor.)
Lundeen, Carl V., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Assembling apparatus. 2,132,242; Oct. 4.
Lyon, George A. (See Hunt, J. H., and Horn, assignors.)
Lyons, Sanford C., Bennington, Vt., assignor to Bird Machine Co., Walpole, Mass. Processing of calcined pigments. 2,131,841; Oct. 4.
Lysholm, Alf, assignor to Aktiebolaget Milo, Stockholm, Sweden. Gas turbine system of the continuous combustion type. 2,131,781; Oct. 4.
MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Blow-out preventer. 2,132,037; Oct. 4.
MacClatchie Manufacturing Company of California. (See MacClatchie, John W., assignor.)
Macdonald, Thomas. (See Bonham, James, assignor.)
Machlett Laboratories Incorporated. (See Machlett, Raymond R., assignor.)
Machlett Laboratories Incorporated. (See Skehan, J. W., and Machlett, assignors.)
Machlett, Raymond R. (See Skehan, J. W., and Machlett.)
Machlett, Raymond R., Scarsdale, N. Y., assignor to Machlett Laboratories Incorporated, Springdale, Conn. X-ray apparatus. 2,132,174; Oct. 4.
Machlett, Raymond R., Riverside, assignor to Machlett Laboratories Incorporated, Springdale, Conn. X-ray apparatus. 2,132,175; Oct. 4.
Mack Manufacturing Corporation. (See Super, Ralph K., assignor.)
Maeser, Mieth, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Press. 2,131,744; Oct. 4.
Maguire, Mable M., Yreka, Calif., and R. Wright, Seattle, Wash., assignors of one-fourth to M. S. Alves, Yreka, Calif. Nut lock. 2,131,812; Oct. 4.
Maiuri, Guido, London, England. Cooling fluids to low temperatures and diffusion refrigerating machines therefor. 2,131,782; Oct. 4.
Mallard, Manley T., Fairfield, Conn., assignor to General Electric Company. Surface finishing rubber goods. 2,132,268; Oct. 4.
Mallory, P. R., & Co. (See Hensel, Franz R., assignor.)
Malmros, Gustav V. A., Binghamton, and V. O. Wilkerson, Vestal Gardens, assignors to International Business Machines Corporation, New York, N. Y. Automatic control for tabulating machines. 2,131,916; Oct. 4.
Malter, Louis, West Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electronic vacuum pump. 2,131,897; Oct. 4.
Manning, Paul D. V. (See Peebles, D. D., Manning, and Potbury.)
Mantz, Harold A. (See Thornbery, J. H., and Mantz.)
Marguerat, Robert, and E. M. Chevrier, Montrouge, France. Apparatus for producing hollow articles or containers from paper pulp. 2,131,813; Oct. 4.
Martin, Charles R., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Roller gate. 2,132,307; Oct. 4.
Martin, William W. (See Sharp, Henry J., assignor.)
Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Suction cleaner handle construction. 2,131,842; Oct. 4.
Marx, Louis, & Company. (See King, Roderick V., assignor.)
Master Rule Manufacturing Company. (See Carlson, Frederick O., assignor.)
Maxwell, Robert W. (See Haskins, J. F., and Maxwell.)
McAlpin, Edd, Lathrop, Calif. Carrier scraper. 2,131,961; Oct. 4.
McAlpin, Edd, Lathrop, Calif. Combination license plate and direction signal for motor vehicles. 2,131,962; Oct. 4.
McCabe, Ira E., Chicago, Ill. Control for electrically operated stoker mechanism for coal furnaces. 2,131,783; Oct. 4.
McCarty, Bernard Y., Beacon, assignor to The Texas Company, New York, N. Y. Solvent refining of hydrocarbon oil. 2,132,359; Oct. 4.
McCluer, Wilbert B. (See Fenske, M. R., and McCluer.)
McGuire, V. B., Manufacturing Company. (See Self, Clarence L., assignor.)
McHugh, Frederick J., Dorval, Quebec, Canada. Cable anchor. 2,132,269; Oct. 4.
McKee, Cody G., Nashville, Tenn. Planting implement. 2,132,308; Oct. 4.
McKinley, William H., and E. M. Johnson, assignors to The General Fireproofing Company, Youngstown, Ohio. Foldable chair. 2,132,309; Oct. 4.
McMakin, Charles E., Tulsa, Okla. Coin injector for packages. 2,131,843; Oct. 4.
McNealy, Eddins W. (See Knowles, E. C., and McNealy.)
McWilliams, James B., assignor to Railway Maintenance Corporation, Pittsburgh, Pa. Apparatus for handling ballast. 2,132,176; Oct. 4.
Mechanical Holding Corporation. (See Stevenson, Robert, assignor.)
Mello, James, Chicago, Ill. Illuminated street sign. 2,131,917; Oct. 4.
Menaker, Arnold J., Chicago, Ill., assignor, by mesne assignments, to Atlantic Research Associates, Inc. Preparing a casein paint. 2,132,243; Oct. 4.
Mendell, Gail, Lakeview, Oreg. Driver's seat for farm machinery. 2,131,963; Oct. 4.
Menna, Antonio, Newark, assignor to Lovell-Dressel Company, Inc., Arlington, N. J. Lamp burner. 2,132,119; Oct. 4.
Mercedes Büro-Maschinen-Werke Aktiengesellschaft. (See Schlüns, Carl, assignor.)
Merchant, Milton H., Woodbridge, assignor to The American Agricultural Chemical Company, Newark, N. J. Vaporizing and oxidizing phosphorus. 2,132,360; Oct. 4.
Mergendoller, John, et al. (See Lambert, Thomas H., assignor.)
Messing, Joseph A. (See Frank, H. J. L., and Messing.)
Metallschlaugh-Fabrik Pforzheim vorm. Hch. Witzenmann Gesellschaft mit beschränkter Haftung. (See Roemer, Friedrich, assignor.)
Metcalfe, James C. (See Metcalfe, Richard D. and J. C.)
Metcalfe, Richard D., and J. C., Romiley, England. Washing apparatus for locomotives and the like. 2,131,964; Oct. 4.
Metropolitan Engineering Company. (See Holmes, Henry S., assignor.)
Meunier, Christian J., et al. (See Poché, John M., assignor.)
Mezoff, Milton, assignor to Patent Products Corporation, Boston, Mass. Dispensing device for roll paper. 2,132,177; Oct. 4.
Mietzsch, Fritz, and J. Klarer, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of 4-aminobenzene-sulphonic acid amide. 2,132,178; Oct. 4.
Milkes, Leah G., Chicago, Ill. Pajamas. 2,131,898; Oct. 4.
Miller, Harry H., Charleston, W. Va. Tool checking equipment and using the same. 2,132,079; Oct. 4.
Miller, Joseph, North Side, Pittsburgh, Pa. Feeder apparatus for mail sorting machines. 2,132,310; Oct. 4.
Milligan, Lowell H., and R. H. Lombard, assignors to Norton Company, Worcester, Mass. Article of ceramic bonded abrasive material and making the same. 2,132,005; Oct. 4.
Milliken, Humphreys, Montreal, Quebec, Canada. System for operating alternating current switchboard instruments. 2,132,179; Oct. 4.
Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,131,918; Oct. 4.
Mills, Albert W., Endicott, E. J. Rabenda, Binghamton, and F. J. Furman, Vestal, assignors to International Business Machines Corporation, New York, N. Y. Record controlled printing machine. 2,131,919; Oct. 4.
Milwaukee Gas Specialty Company. (See Thornbery, J. H., and Mantz, assignors.)
Minich, Verne E., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Apparatus for surface treating metal articles. 2,132,311; Oct. 4.
Minneapolis-Honeywell Regulator Company. (See Haines, John E., assignor.)
Minneapolis-Honeywell Regulator Company. (See Robb, Joseph E., assignor.)
Mitchell, Doren, Bound Brook, N. J., assignor to American Telephone and Telegraph Company. Two-way signaling system. 2,132,180; Oct. 4.
Mizer, George A., Hinsdale, Ill., assignor of one-half to B. V. Zillman, St. Louis, Mo. Safety pin. 2,132,038; Oct. 4.
Moloney, Raymond T. (See Breitenstein, Charles J., assignor.)
Moncrieff, Robert W., F. B. Hill, and T. B. Frearson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Liquid treatment of yarns. 2,131,814; Oct. 4.
Monsanto Chemical Company. (See Ault, W. C., and Hochwalt, assignors.)
Monsanto Chemical Company. (See Booth, Charles F., assignor.)
Monsanto Chemical Company. (See Wilson, John A., assignor.)
Moody, Thomas W., Houston, Tex. Safety latch. 2,131,899; Oct. 4.
Moore, George, Croton-on-Hudson, N. Y. Art of and apparatus for liquid treatment. 2,132,312; Oct. 4.
Mooshian, Panos H., Los Angeles, Calif. Guard for shingle edges. 2,131,844; Oct. 4.
Morgan, Erving B., assignor to American Seating Company, Grand Rapids, Mich. Furniture. 2,131,900; Oct. 4.
Morrison, Willard L., Lake Forest, Ill. Ventilating device for automobiles. 2,131,745; Oct. 4.
Morrison, Willard L., Lake Forest, Ill. Bumper. 2,131,746; Oct. 4.
Moss, Annabelle. (See Jarrett, George E., assignor.)
Müller, Ferdinand C. H. (See Pilliod, T. J., and Müller.)
Müller, John, Philadelphia, Pa., assignor to Commercial Solvents Corporation, New York, N. Y. Production of neutral solvents by fermentation. 2,132,039; Oct. 4.
Munro, Thomas, Philadelphia, Pa., assignor to Kittle Manufacturing Co., Los Angeles, Calif. Tire cover. 2,132,040; Oct. 4.
Munsingwear, Inc. (See Kapinas, Ruth M., assignor.)

Mutschler, Hugo. (See Kölm, U. M. W., and Mutschler.)
Myers, Oscar, Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measuring system. 2,132,214; Oct. 4.
Nadeau, Gale F., and C. B. Starck, assignors to Eastman Kodak Company, Rochester, N. Y. Antihalation backing for photographic film. 2,131,747; Oct. 4.
Namiki, Ryosuke, Takinogawa-ku, Tokyo-shi, Japan. Closure of ink bottles. 2,132,313; Oct. 4.
Nathan Manufacturing Company. (See Folke, Bengt E., assignor.)
National Battery Company. (See Snyder, Almond H., assignor.)
National Pressure Cooker Company. (See Nelson, Carl, assignor.)
National Processes Limited. (See Robson, S., and Gyles, assignors.)
Nawiasky, Paul. (See Roesch, G., Nawiasky, and Saftien.)
Nawiasky, Paul. (See Rösch, G., Nawiasky, and Saftien.)
Needler, Marley, Muskegon, Mich. Lawn sprinkler. 2,132,314; Oct. 4.
Nell, Frederic, assignor to Landis Machine Company, Waynesboro, Pa. Thread forming mechanism. 2,131,965; Oct. 4.
Nelson, Arthur W., Park Ridge, Ill. Golf club. 2,131,966; Oct. 4.
Nelson, Carl, assignor to National Pressure Cooker Company, Eau Claire, Wis. Can sealer. 2,132,041; Oct. 4.
Nelson, Herbert, Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America. Tuning indicator tube. 2,132,216; Oct. 4.
Nelson, Thomas E., Pontiac, Mich. Oil seal. 2,132,042; Oct. 4.
Neuendorf, Julius C., Detroit, Mich. Sash construction. 2,132,217; Oct. 4.
Neugebauer, Wilhelm, U. Ostwald, and K. Sponsel, assignors to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Manufacture of carbohydrate compounds. 2,132,181; Oct. 4.
Newell, John D., Nashville, Tenn. Lock valve. 2,132,315; Oct. 4.
Newton, Anne W., Chevy Chase, D. C. Luggage carrier. 2,132,316; Oct. 4.
Nichols, Harry J., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,131,920; Oct. 4.
Nickliss, Stephen N., Laureldale, Pa. Brake applying device. 2,132,080; Oct. 4.
Niles-Bement-Pond Company. (See Drake, A. M., and Crowey, assignors.)
Niles-Bement-Pond Company. (See Rusnak, J. M., and Hochmuth, assignors.)
Nilson, Harold, assignor of one-third to J. A. Edeby, Wayzata, and one-third to E. Berglund, Minneapolis, Minn. Fluid operated power device. 2,131,815; Oct. 4.
Nixon, Jeddy D., assignor of one-half to Wilson Supply Company, Houston, Tex. Flowing of wells. 2,132,081; Oct. 4.
Nixon, Jeddy D., and C. H. Lee, Houston, Tex. Stuffing box. 2,132,182; Oct. 4.
Nock, Harry, Toronto, Ontario, Canada, assignor to Elevator Supplies Company, Incorporated, Hoboken, N. J. Track for overhead door hangers. 2,131,784; Oct. 4.
Nordberg Manufacturing Co. (See Gruender, Oscar C., assignor.)
Nordeutsche Seekabelwerke Aktiengesellschaft. (See Studt, E., and Traugott, assignors.)
Norma-Hoffmann Bearings Corporation. (See Van Pelt, Arthur A., assignor.)
Norton Company. (See Milligan, L. H., and Lombard, assignors.)
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope machine. 2,131,748; Oct. 4.
Nudelman, Emma, New York, N. Y. Pencil sharpener. 2,132,121; Oct. 4.
Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Operating upon the heel-portions of shoes. 2,131,845; Oct. 4.
Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Last. 2,131,846; Oct. 4.
Nylander, Birger F. E., Hernosand, Sweden. Machine for producing form pieces from wet fibrous mass. 2,132,270; Oct. 4.
Oakley, Henry D., Schenectady, N. Y. Inductor compass. 2,132,183; Oct. 4.
Ofeldt, Frank W., McKeesport, assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa. Pump. 2,131,749; Oct. 4.
Officer, Wesley J., Hampden, and O. T. Wood, assignors to Blake Manufacturing Corporation, Clinton, Mass. Flashlight switch. 2,132,218; Oct. 4.
Oldham, John M., assignor to L. A. Young, Detroit, Mich. Film reel. 2,132,043; Oct. 4.
Oliva, Domenic, Lincoln, assignor of forty per cent to J. Puglise, Roseville, Calif. Loading and unloading device. 2,132,082; Oct. 4.
Osswald, Philipp, Hofheim, and O. Scherer, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Chlorinating methyl-aromatic compounds. 2,132,361; Oct. 4.
Ostwald, Ulrich. (See Neugebauer, W., Ostwald, and Sponsel.)
Ott, Harvey N., assignor to Spencer Lens Company, Buffalo, N. Y. Microscope. 2,132,122; Oct. 4.
Overacker, Horace E., Palo Alto, assignor of one-half to H. N. Kalb, San Francisco, Calif. Interference attenuator. 2,132,044; Oct. 4.
Owens-Illinois Glass Company. (See Postlethwaite, Basil L., assignor.)
Pacific Coast Borax Company. (See Cramer, T. M., and Connell, assignors.)
Paper Patents Company. (See Du Bois, Horace A., assignor.)
Parkton, George W., Dalton, Pa. Vacuum heating system. 2,131,901; Oct. 4.
Parsons, Edward T., Upper Montclair, and H. W. Sawyer, Nutley, assignors to Thomson Machine Company, Belleville, N. J. Cover for dough working surfaces. 2,132,123; Oct. 4.
Patent Engineering Corporation. (See Rockwell, E. A., and Shively, assignors.)
Patent Products Corporation. (See Mezoff, Milton, assignor.)
Pateras Pescara, Raul, Paris, France, assignor to Société d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A., Geneva, Switzerland. Fuel injection in free piston internal combustion engines. 2,132,083; Oct. 4.
Payne, Lambert M., Detroit, Mich. Automobile body heater. 2,132,045; Oct. 4.
Peakes, Ralph W. (See Reichert, J. S., and Peakes.)
Pease, Earl E., Oak Park, assignor to Battery Patents Corporation, Chicago, Ill. Bicycle frame or the like. 2,132,317; Oct. 4.
Peebles, David D., Eureka, P. D. V. Manning, Berkeley Woods, and A. H. Potbury, Berkeley, assignors to F. E. Booth Company, Inc., San Francisco, Calif. Fish cooking apparatus and method. 2,131,902; Oct. 4.
Peik, Louis D. (See Wean, R. J., and Peik.)
Pennsylvania Petroleum Research Corporation. (See Fenske, Merrell R., assignor.)
Pennsylvania Petroleum Research Corporation. (See Fenske, M. R., and McCluer, assignors.)
Perfection Stove Company. (See Chadwick, L. S., and Focke, assignors.)
Perkins, Frank P., assignor to Michael Yundt Company, Waukesha, Wis. Conveying machinery. 2,131,816; Oct. 4.
Peropat, Anthony F., assignor to S. & S. Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Sheet feeding mechanism. 2,131,967; Oct. 4.
Petersen, Peter C., assignor to Viking Pump Company, Cedar Falls, Iowa. Reversibly associated rotary pump and valve device. 2,131,968; Oct. 4.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Idle time keying. 2,132,124; Oct. 4.
Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,132,125; Oct. 4.
Phillipps, Malcolm T., Henley Beach, Australia. Valve for controlling pressure and rate of supply of fluids. 2,132,215; Oct. 4.
Phillips, Hollie H. (See Thomas, T. E., and Phillips.)
Phinney, Robert M., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,132,126; Oct. 4.
Pickup, George E., assignor, by mesne assignments, to Florence-Wehrle Stove Co., Newark, Ohio. Automatic lighter system for vapor fuel stoves. 2,131,903; Oct. 4.
Pilkington Brothers Limited. (See Waldron, Frederic B., assignor.)
Pilliod Cabinet Company, The. (See Pilliod, T. J., and Müller, assignors.)
Pilliod, Thomas J., and F. C. H. Müller, assignors to The Pilliod Cabinet Company, Swanton, Ohio. Display case. 2,132,318; Oct. 4.
Pintsch, Julius, Aktiengesellschaft. (See von Mihály, Dénes, assignor.)
Pirie, John, Lynbrook, N. Y. Golf club. 2,132,219; Oct. 4.
Poché, John M., assignor of one-third to W. C. Gonthier and one-third to C. J. Meunier, New Orleans, La. Dredge or excavator. 2,132,184; Oct. 4.
Podel, Abraham, New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Sealed package. 2,131,969; Oct. 4.
Pollitt, Stanley D. (See Appleyard, K. C., and Pollitt.)
Polzer, Fridolin, assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Convertible stapling implement. 2,132,127; Oct. 4.
Poor & Company. (See Wolhaupter, David P., assignor.)
Portable Lamp & Equipment Co. (See Warden, Charles A., assignor.)
Postlethwaite, Basil L., Newark, Ohio, assignor to Owens-Illinois Glass Company. Waterproof and oilproof binder. 2,131,750; Oct. 4.
Potbury, Alfred H. (See Peebles, D. D., Manning, and Potbury.)
Powers, Eugene S., Haddonfield, N. J. Floor construction or the like. 2,132,220; Oct. 4.
Pratt, William H., Lynn, Mass., assignor to General Electric Company. Watt-hour meter. 2,132,271; Oct. 4.

Preiswerk, Max, assignor to Aluminum-Industrie-Aktien-Gesellschaft, Neuhausen, Switzerland. Vibration damper. 2,132,319; Oct. 4.
Premier Crystal Laboratories, Inc. (See Thomas, William A., assignor.)
Pressed Steel Tank Company. (See Coakley, William E., assignor.)
Proctor & Schwartz, Incorporated. (See Wanamaker, Harry F., assignor.)
Prynle, Harry M., S. C. Clark, and W. S. Vrooman, assignors to Baldwin Rubber Company, Pontiac, Mich. Forming coverings and the like. 2,132,185; Oct. 4.
Puglise, John. (See Oliva, Domenic, assignor.)
Purdue Research Foundation. (See Hass, H. B., and Vanderbilt, assignors.)
Purdue Research Foundation. (See Vanderbilt, Byron M., assignor.)
Quarles, C. R. (See Thomas, E. T., and Phillips, assignors.)
Quinn, Leo F., Vina, Calif. Paring knife. 2,132,320; Oct. 4.
Rabenda, Edward J. (See Mills, A. W., Rabenda, and Furman.)
Radio Corporation of America. (See Brodton, Lynn, assignor.)
Radio Corporation of America. (See Clatworthy, Buell E., assignor.)
Radio Corporation of America. (See Hopkins, Lloyd C., Jr., assignor.)
Radio Corporation of America. (See Iams, Harley A., assignor.)
Radio Corporation of America. (See Malter, Louis, assignor.)
Radio Corporation of America. (See Nelson, Herbert, assignor.)
Radio Corporation of America. (See Peterson, Harold O., assignor.)
Radio Corporation of America. (See Schade, Otto H., assignor.)
Radio Corporation of America. (See Thomas, Adolph A., assignor.)
Radio Corporation of America. (See Umbreit, Stanton, assignor.)
Railway Maintenance Corporation. (See McWilliams, James B., assignor.)
Raiziss, George W., and H. Brahin, Philadelphia, Pa., assignors to Abbott Laboratories, North Chicago, Ill. Powder insufflator. 2,131,817; Oct. 4.
Ramakers, Eduard W. L., Bandoeng, Java, Dutch East Indies. Electric accumulator. 2,132,186; Oct. 4.
Ramey, Harry M., et al. (See Stirn, Lewis O., assignor.)
Rand, Rufus R., Jr., Minneapolis, Minn. Aerial traveling device. 2,132,187; Oct. 4.
Rapids Equipment Co. Inc. (See Ribble, Harry W., assignor.)
Rasen, Henry, Hohokus, assignor to Chaincraft, Inc., Hackensack, N. J. Brassière. 2,132,128; Oct. 4.
Rayolite Rifle Range Company. (See Carter, Alva J., assignor.)
Rayonier Incorporated. (See Stieg, Fred B., assignor.)
Read, Charles H. (See Rockett, J. M., Isherwood, and Read.)
Ready Made Neckwear Corporation. (See Kahn, Harry, assignor.)
Regan, John E., assignor to The Lamson Company, Syracuse, N. Y. Conveyer system. 2,132,362; Oct. 4.
Regen, Oscar, New York, N. Y. Hat bow. 2,131,751; Oct. 4.
Regina Corporation, The. (See Smith, Bernard P., assignor.)
Reichard, Wade H., and C. S. Bushnell, assignors to General Railway Signal Company, Rochester, N. Y. Coded continuous inductive train control system. 2,131,752; Oct. 4.
Reichert, Joseph S., Metuchen, N. J., and R. W. Peakes, Edgewood Arsenal, Md. Rendering wool unshrinkable. 2,132,345; Oct. 4.
Reid, James S., Cleveland, Ohio, assignor to Rubatex Products, Inc., New York, N. Y. Multiwall autoclave. 2,131,753; Oct. 4.
Reid, James S., Shaker Heights, assignor, by mesne assignments, to The Standard Products Company, Cleveland, Ohio. Closure cushioning and sealing means. 2,132,272; Oct. 4.
Reid, Joseph, Gas Engine Company. (See Kittredge, Ray E., assignor.)
Reinhold, Baldwin. (See Abegg, Walter A., assignor.)
Reiss, David J., Houston, Tex. Pump. 2,132,084; Oct. 4.
Research Corporation. (See Brackett, Frederick S., assignor.)
Ribble, Harry W., Niles Center, Ill., assignor, by mesne assignments, to Rapids Equipment Co. Inc., Cedar Rapids, Iowa. Dispensing faucet. 2,131,785; Oct. 4.
Rice, John H., assignor to Leighton Machine Company, Manchester, N. H. Circular knitting machine for dropstitch work. 2,132,046; Oct. 4.
Rice, Lewis A., assignor to Traylor Engineering and Manufacturing Company, Allentown, Pa. Tire fastening for kilns and the like. 2,132,321; Oct. 4.
Richard, Clement C., Bloomfield Hills, assignor, by mesne assignments, to Allied Products Corporation, Detroit, Mich. Automatic progressive die for stud, bolt, and screw blanks. 2,132,244; Oct. 4.
Richards, Albert, Gladstone, Oreg. Paper machine. 2,131,754; Oct. 4.
Richards, Harry C., North Arlington, N. J., assignor to Fosgood Corporation, Leominster, Mass. Interconvertible goggle and eyeshade. 2,132,346; Oct. 4.
Ritz, Frederick, Hamilton, Ohio, assignor to Fairbanks, Morse & Co., Chicago, Ill. Piston ring construction. 2,131,970; Oct. 1.
Rix, Edward G., assignor to American Perforator Company, Chicago, Ill. Perforator. 2,132,047; Oct. 4.
Roan, Henry A., Minneapolis, Minn. Internal combustion engine. 2,131,755; Oct. 4.
Robb, Joseph E., Kansas City, Kans., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Ejector type refrigerating system. 2,132,322; Oct. 4.
Roberts, Fred T., Malone, N. Y. Rubber ball. 2,131,756; Oct. 4.
Roberts, Joseph K., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,132,129; Oct. 4.
Roberts, Robert P. (See Kinsella, E., Bower, Briggs, and Roberts.)
Roberts, Thomas, Haverhill, assignor to United Shoe Machinery Corporation, Boston, Mass. Lasting machine. 2,131,847; Oct. 4.
Roberts, Willard A., Cleveland Heights, Ohio, assignor to General Electric Company. Fluorescent material. 2,132,273; Oct. 4.
Robidoux, Conrad R., West Hartford, Conn. Carburetor. 2,131,848; Oct. 4.
Robinette, Willard C., Pasadena, Calif. Color analyzer and reproducer. 2,132,048; Oct. 4.
Robson, Stanley, Durdham Park, Bristol, Gloucester, and T. B. Gyles, Clifton, Bristol, Gloucester, assignors to National Processes Limited, London, England. Roasting of ores, especially zinc sulphide ores containing lead and/or cadmium. 2,131,786; Oct. 4.
Rockett, Joseph M., B. J. Isherwood, and C. H. Read, Fall River, Mass. Automatic reversing signal device. 2,132,188; Oct. 4.
Rock-Ola Manufacturing Corporation. (See Becker, Fred F., assignor.)
Rockwell, Edward A., and J. J. Shively, New York, N. Y., assignors to Patent Engineering Corporation. Power transmitting device. 2,131,787; Oct. 4.
Roebling's, John A., Sons Company. (See Green, Richard D., assignor.)
Roemer, Friedrich, Ebenhausen, near Munich, assignor to Metallschlauch-Fabrik Pforzheim vorm. Heh. Witzenmann Gesellschaft mit beschränkter Haftung, Pforzheim, Baden, Germany. Flexible metal tube. 2,132,189; Oct. 4.
Roesch, Georg, Cologne-Muhlheim, Germany, P. Nawiasky, Summit, N. J., and K. Saftien, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Compound of the pyrazoloanthraquinone series. 2,132,191; Oct. 4.
Rohrer, Carlisle G. (See Lion, H. S., and Rohrer.)
Rösch, Georg, Cologne-Muhlheim, Germany, P. Nawiasky, Summit, N. J., and K. Saftien, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuff. 2,132,190; Oct. 4.
Rosenblum, Israel, Jackson Heights, Long Island, N. Y. Oil-soluble phenolic condensate. 2,131,757; Oct. 4.
Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. Box making machine. 2,131,971; Oct. 4.
Roth, Samuel C., Allentown, Pa., assignor to Automatic Signal Corporation, East Norwalk, Conn. Automatic traffic control system. 2,131,818; Oct. 4.
Rourke, Raymond, Portageville, N. Y. Brake applying mechanism for motor vehicles. 2,132,006; Oct. 4.
Rubatex Products, Inc. (See Reid, James S., assignor.)
Ruggieri, Peter P., et al. (See Gonsett, Robert R., assignor.)
Ruhstorfer, John W., Detroit, Mich. Brake and accelerator control. 2,131,972; Oct. 1.
Rullancich, John J., New Kensington, Pa. Power transmission. 2,132,221; Oct. 4.
Rusnak, John M., and G. H. Hochmuth, West Hartford, Conn., assignors, by mesne assignments, to Niles-Bement-Pond Company, New York, N. Y. Work positioning means. 2,131,973; Oct. 4.
Russell, Samuel G., assignor to Shakespeare Company, Kalamazoo, Mich. Reel seat for fishing rods. 2,131,819; Oct. 4.
Ryczek, Leo S. (See Serdynski, Boleslaus A., assignor.)
Rypinski, Albert B., Laurelton, Long Island, N. Y. Slow magnetic regulating device for noninductive loads. 2,131,758; Oct. 4.
S. M. M. H. Corporation, The. (See Holst, Lodewyk J. R., assignor.)
S. & S. Corrugated Paper Machinery Co. (See Peropat, Anthony F., assignor.)
Saftien, Karl. (See Roesch, G., Nawiasky, and Saftien.)
Saftien, Karl. (See Rösch, G., Nawiasky, and Saftien.)
Saint Genies, Anne H. J. D., Versailles, France. Screen for the production of stereoscopic images. 2,131,974; Oct. 4.
Sallot, Louis E., Paris, France. Pump system for liquid fuel heating plants. 2,132,130; Oct. 4.
Salzberg, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of animal and vegetable fats and oils. 2,131,904; Oct. 4.

Samstag, Elsie, executrix. (See Samstag, Louis A.)
Samstag, Louis A., deceased, New York, N. Y.; E. Samstag, executrix. Lipstick holder. 2,131,975; Oct. 4.
Sander, John R., West Palm Beach, Fla. Pistol holding device. 2,132,323; Oct. 4.
Sandor, Felix E. L. (See Sandor, Nicholas and F. E. L.)
Sandor, Nicholas and F. E. L., Surbiton, assignors to I. S. M. Limited, London, England. Advertising, indicating, and displaying device. 2,132,085; Oct. 4.
Sanford, William T. (See Dewar, R., and Sanford.)
Sargent, Richard B. (See Wendell, E. J., and Sargent.)
Satterlee, Howard A., Needham, assignor to Submarine Signal Company, Boston, Mass. Control system. 2,131,759; Oct. 4.
Savage, Marion A., Scotia, N. Y., assignor to General Electric Company. Dynamo-electric machine. 2,132,274; Oct. 4.
Sawyer, Hilon W. (See Parsons, E. T., and Sawyer.)
Scalera, Mario. (See Lecher, H. Z., and Scalera.)
Schabetsberger, Friedrich. (See Hoerbiger, A., and Schabetsberger.)
Schade, Otto H., West Caldwell, N. J., assignor, by mesne assignments, to Radio Corporation of America. Electron discharge device. 2,131,921; Oct. 4.
Schaefer, Frederic, Pittsburgh, Pa. Brake beam strut and lever assembly. 2,132,222; Oct. 4.
Schaefer, Henry G., assignor to Convertible Truck and Trailer Company, Lakewood, Ohio. Vehicle. 2,131,760; Oct. 4.
Schaper, William A., Oak Park, assignor to Johnson Laboratories, Inc., Chicago, Ill. Image-suppression system. 2,131,976; Oct. 4.
Scheffler, Max F., Munich, Germany. Printing apparatus. 2,132,086; Oct. 4.
Scher, Louis S., New York, N. Y. Telephone voice silencer. 2,131,820; Oct. 4.
Scherer, Otto. (See Osswald, P., and Scherer.)
Scheyer, Sophie (née von Pezachowicz), and S. Arcari, Munich, Germany. Pouring or dropping vessel. 2,132,120; Oct. 4.
Schilling, Henry C., New York, N. Y. Bed. 2,132,131; Oct. 4.
Schlicht, Carl R., near La Crosse, Wis. Sheet metal seaming tool. 2,131,821; Oct. 4.
Schlumbrecht, John J., Chicago, Ill. Brake shoe adjusting and centering device. 2,132,049; Oct. 4.
Schlüns, Carl, Steglitz, near Berlin, assignor, by mesne assignments, to Mercedes Büro-Maschinen-Werke Aktiengesellschaft, Zella-Mehls, Germany. Calculating machine. 2,132,192; Oct. 4.
Schmadeke, Herman R., assignor to Falcon Machine and Tool Co., Inc., Brooklyn, N. Y. Thread cleaner. 2,131,859; Oct. 4.
Schmid, Richard K., and W. P. Wezel, Maulbronn, Germany. Skinning device. 2,132,087; Oct. 4.
Schmidt, Herbert A., Whittier, assignor of one-half to J. V. Keith, Los Angeles, Calif. Well pump. 2,131,822; Oct. 4.
Schrank, Harry P., Akron, Ohio, assignor to Seiberling Rubber Company. Method of and apparatus for removing bands from building drums. 2,132,324; Oct. 4.
Schuster, Curt, and H. Krzikalla, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of partially hydrogenated hydroxy compounds. 2,132,193; Oct. 4.
Schuttenberg, Elmer H., Cleveland, Ohio. Attachment for clocks. 2,132,051; Oct. 4.
Schütz, Karl. (See Zerweck, W., and Schütz.)
Schwabenlender, Mathias, Hilbert, Wis. Grease gun filler. 2,131,860; Oct. 4.
Schwalbe, Franz G., assignor to The Frangeo Company, Toledo, Ohio. Burner. 2,131,977; Oct. 4.
Schwartz, Morris, assignor to Barrel Fitting & Seal Corporation of America, Chicago, Ill. Forming bushing structures. 2,131,978; Oct. 4.
Sears, Roebuck and Co. (See Ajouelo, Davis J., assignor.)
Seat, Jay L., Fairfield, Conn. Fire extinguisher system. 2,132,132; Oct. 4.
Seiberling Latex Products Company. (See Brueggeman, Elmer C., assignor.)
Seiberling Rubber Company. (See Schrank, Harry P., assignor.)
Seidl, Erich, Berlin-Westend, Germany. Appliance for testing vehicle tires and road surfaces. 2,131,979; Oct. 4.
Self, Clarence L., Austin, assignor to V. B. McGuire Manufacturing Company, Northfield, Minn. Type form make-up device. 2,131,761; Oct. 4.
Serdynski, Boleslaus A., assignor, by mesne assignments, of one-half to L. S. Ryczek, Milwaukee, Wis. Game dice. 2,132,050; Oct. 4.
Shakespeare Company. (See Russell, Samuel G., assignor.)
Shapiro, David H., Montreal, Quebec, Canada. Handle attachment for paper boxes. 2,132,246; Oct. 4.
Sharp, Henry J., assignor of fifty-one one-hundredths to W. W. Martin, Pittsburgh, Pa. Window sash and housing. 2,131,980; Oct. 4.
Shell Development Company. (See Donker, Hendrik J., assignor.)
Shell Development Company. (See Evans, Theodore, assignor.)
Shepherd, Thomas L., London, England. Elastic or rubber thread or yarn and manufacturing the same. 2,131,981; Oct. 4.
Shepherd, Thomas L., London, England. Rubber process. 2,131,982; Oct. 4.
Shepherd, Thomas L., London, England. Elastic yarn and making it. 2,131,983; Oct. 4.
Shively, John J. (See Rockwell, E. A., and Shively.)
Silberman, Louis, New York, N. Y. Lighting fixture. 2,131,823; Oct. 4.
Simonson, William F., Forest Hills, N. Y. Loading board. 2,131,922; Oct. 4.
Sinclair Refining Company. (See Gullette, Willis S., assignor.)
Sinclair Refining Company. (See Heithel, Eugene C., assignor.)
Skehan, Joseph W., Stamford, and R. R. Machlett, assignors to Machlett Laboratories Incorporated, Springdale, Conn. X-ray apparatus. 2,132,194; Oct. 4.
Skelton, Harry E., Birmingham, Mich. Nonskid tire construction. 2,132,275; Oct. 4.
Slatinsky, Joe L., Mattawan, Mich. Two-cycle supercharged internal combustion engine. 2,132,223; Oct. 4.
Smith, Bernard P., Newark, assignor to The Regina Corporation, Rahway, N. J. Vacuum cleaner with headlight. 2,132,007; Oct. 4.
Smith, Edward W., Melrose, assignor to Submarine Signal Company, Boston, Mass. Gasket, packing, and the like. 2,131,762; Oct. 4.
Smith, Ellis R., Bradford, Pa. Electrode holder. 2,131,861; Oct. 4.
Smith, Harry G., Flint, assignor to General Motors Corporation, Detroit, Mich. Fan. 2,132,133; Oct. 4.
Smith, L. C., & Corona Typewriters, Inc. (See Harmon, Edwin L., assignor.)
Smith, S., & Sons (Motor Accessories) Limited. (See Spencer, Joe, assignor.)
Smithe, F. L., Machine Co. (See Novick, Abraham, assignor.)
Snyder, Almond H., Lancaster, N. Y., assignor to National Battery Company, St. Paul, Minn. Vent plug. 2,132,224; Oct. 4.
Società Italiana Pirelli. (See Emanueli, Luigi, assignor.)
Société d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A. (See Paterna Pescara, Raul, assignor.)
Society of Chemical Industry in Basle. (See Wirz, Adolf, assignor.)
Soldatti, Leute, Benld, Ill. Hydraulic window lift. 2,132,325; Oct. 4.
Sollenberger, Reuel C., South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Self-training idler. 2,132,052; Oct. 4.
Sollenberger, Reuel C., and L. O. Carroll, South Bend, assignors to Dodge Manufacturing Corporation, Mishawaka, Ind. Self-training idler. 2,132,053; Oct. 4.
Spalding, Samuel C., Watertown, assignor to The American Brass Company, Waterbury, Conn. Metal mold. 2,132,276; Oct. 4.
Specialloid Limited. (See Graham, Eric B., assignor.)
Spencer, Archie M., Columbus, Ga. Automatic fluid pressure controller. 2,132,247; Oct. 4.
Spencer, Joe, Farnborough, assignor to S. Smith & Sons (Motor Accessories) Limited, Cricklewood, London, England. Control apparatus for aircraft. 2,131,824; Oct. 4.
Spencer Lens Company. (See Ott, Harvey N., assignor.)
Sperry Gyroscope Company. (See Hodgman, Frederick S., assignor.)
Sperry Gyroscope Company. (See House, Frank R., assignor.)
Sperry Gyroscope Company. (See Wittkuhns, B. A., and Watkins, assignors.)
Spiegel, Edward, et al. (See Horowitz, Max, assignor.)
Spire, Irene D., administratrix. (See Spire, William H.)
Spire, William H., deceased, by I. D. Spire, administratrix, assignor to Thompson Products, Incorporated, Cleveland, Ohio. Adjustable pitman. 2,132,054; Oct. 4.
Sponsel, Kurt. (See Neugebauer, W., Ostwald, and Sponsel.)
Sront, Paul H., assignor to Heat-Rite Fireplace, Inc., Portland, Oreg. Fireplace contained air circulating heater. 2,131,763; Oct. 4.
Stader, William. (See Klein, M., Willach, and Stader.)
Stahmer, Louis A., Forest Park, Ill. Poultry feeder. 2,131,984; Oct. 4.
Standard Oil Company. (See Roberts, Joseph K., assignor.)
Standard Products Company, The. (See Reid, James S., assignor.)
Standard Stoker Company, The. (See Broker, George M., assignor.)
Standard Stoker Company, Inc., (1922), The. (See Surdy, Charles J., assignor.)
Standard Stoker Company (1922), The. (See Turner, Edwin A., assignor.)
Stansfield, Charles, Garfield, N. J. Spinning machine. 2,132,055; Oct. 4.
Stapling Machines Co. (See Rosenmund, Alfred L., assignor.)
Starck, Clemens B. (See Nadeau, G. F., and Starck.)
Starrett, Eugene S. (See Garretson, Richard E. J., assignor.)
Stein, Hall & Company. (See Caesar, George V., assignor.)

Stevenson, Robert, West Barrington, assignor to Mechanical Holding Corporation, Providence, R. I. Thread shear. 2,131,788; Oct. 4.
Stewart, Clyde E., Upper Darby, Pa., assignor to General Electric Company. Control system. 2,132,277; Oct. 4.
Stieg, Fred B., New York, N. Y., assignor to Rayonier Incorporated, San Francisco, Calif. Nitrating cellulose by pretreatment of the cellulose. 2,131,764; Oct. 4.
Stirn, Lewis O., Woodlawn, assignor of one-fourth to E. Gathmann, and one-fourth to H. M. Ramey, Baltimore, Md. Apparatus for the recovery of precious metals such as gold. 2,132,195; Oct. 4.
Strockholms Superfosfat Fabriks Aktiebolag. (See Gelhaar, Stefan J., assignor.)
Stone, R. Harry, Bound Brook, N. J., assignor to Titeflex Metal Hose Co. Tube coupling. 2,132,326; Oct. 4.
Storz, Charles R., St. Louis, Mo. Adenotome. 2,131,780; Oct. 4.
Strayer, Charles C., Johnstown, Pa. Under-hung eaves trough hanger. 2,131,985; Oct. 4.
Streckfuss, Elmer G., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Time recorder mechanism. 2,132,134; Oct. 4.
Streeter-Amet Company. (See Haegele, Otto P., assignor.)
Strezynski, George J., Poughkeepsie, N. Y., and W. Kronasser, Graz, Austria, assignors to The De Laval Separator Company, New York, N. Y. Apparatus for causing reaction between liquids and for separating the reacted products. 2,131,905; Oct. 4.
Stroud, Charles M., Minneapolis, Minn. Blue flame oil burner. 2,131,986; Oct. 4.
Studt, Ernst, and C. Traugott, assignors to Norddeutsche Seekabelwerke Aktiengesellschaft, Nordenham, Germany. Electric cable with air space insulation. 2,131,987; Oct. 4.
Submarine Signal Company. (See Satterlee, Howard A., assignor.)
Submarine Signal Company. (See Smith, Edward W., assignor.)
Subrizi, Victor, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Timing apparatus. 2,132,225; Oct. 4.
Sullivan, Raymond H., W. H. Hutchins, and C. T. Wallis, Rochester, N. Y., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Switching apparatus. 2,131,789; Oct. 4.
Sultzer, Clifton S., assignor to L. E. Sultzer, Red Wing, Minn. Game. 2,131,825; Oct. 4.
Sultzer, Louise E. (See Sultzer, Clifton S., assignor.)
Super, Ralph K., Allentown, Pa., assignor to Mack Manufacturing Corporation. Brake drum. 2,131,906; Oct. 4.
Surdy, Charles J., Tuckahoe, assignor, by mesne assignments, to The Standard Stoker Company, Inc., (1922), New York, N. Y. Conveying mechanism. 2,131,907; Oct. 4.
Swenarton, Waitstill H., Montclair, N. J. Nonrescalable bottle. 2,131,988; Oct. 4.
Tadros, Zaky, Cairo, Egypt. Apparatus for mechanically opearting level crossing gates. 2,131,989; Oct. 4.
Tate, James, Los Angeles, Calif. Funnel support. 2,132,056; Oct. 4.
Tatum, John J., Baltimore, Md. Floating diaphragm for vestibule cars. 2,132,327; Oct. 4.
Tatum, John J., Baltimore, Md. Detachable car roof. 2,132,328; Oct. 4.
Taylor, George, Daybrook, Arnold, Nottingham, assignor to Allen, Solly & Company, Limited, Nottingham, England. Straight bar knitting machine. 2,132,135; Oct. 4.
Teahen, James M., Detroit, Mich. Flushing apparatus. 2,131,765; Oct. 4.
Teleswitch Corporation. (See Gibbs, Leon M., assignor.)
Teletype Corporation. (See Kleinschmidt, Edward E., and E. F., assignors.)
Temple, Robert, Inc. (See Temple, Robert, Jr., assignor.)
Temple, Robert, Jr., Pittsburgh, Pa., assignor to Robert Temple, Inc., Denver, Colo. Producing couplings. 2,131,766; Oct. 4.
Ter Horst, William P., Packanack Lake, N. J., assignor to United States Rubber Products, Inc., New York, N. Y. Pickling inhibitor. 2,131,790; Oct. 4.
Terrell Machine Company, The. (See Kleeb, Leonard, Jr., assignor.)
Teuer, Leo. (See Weisz, Arthur, assignor.)
Texas Company, The. (See Clarke, Louis A., assignor.)
Texas Company, The. (See Knowles, Edwin C., assignor.)
Texas Company, The. (See Knowles, E. C., and McNealy, assignors.)
Texas Company, The. (See McCarty, Bernard Y., assignor.)
Texas Company, The. (See Towne, Charles C., assignor.)
Texas Company, The. (See Watson, Claude W., assignor.)
Textile Machine Works. (See Zwicky, M., and Anke, assignors.)
Thomas, Adolph A., assignor to Radio Corporation of America, New York, N. Y. Electron tube. 2,131,923; Oct. 4.
Thomas, Thomas E., and H. H. Phillips, assignors of one-third to C. R. Quarles, Nashville, Tenn. Hydraulically operated reclining chair. 2,132,363; Oct. 4.
Thomas, William A., Old Greenwich, Conn., assignor to Premier Crystal Laboratories, Inc., New York, N. Y. Piezo-electric device. 2,131,826; Oct. 4.
Thompson, Emery, Larchmont, assignor to Emery Thompson Machine & Supply Company, Bronz, N. Y. Process and apparatus for congealing liquids. 2,132,364; Oct. 4.
Thompson, Emery, Machine & Supply Company. (See Thompson, Emery, assignor.)
Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Electrical control circuit. 2,132,278; Oct. 4.
Thompson Products, Incorporated. (See Spire, William H., assignor.)
Thomson Machine Company. (See Parsons, E. T., and Sawyer, assignors.)
Thornbery, John H., and H. A. Mantz, assignors to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermo-electric safety switch. 2,132,057; Oct. 4.
Tisdale, Eura B., Hot Springs, Ark. Utility rack. 2,131,990; Oct. 4.
Titeflex Metal Hose Co. (See Stone, R. Harry, assignor.)
Todt, Edward B., assignor to Buescher Band Instrument Co., Elkhart, Ind. Valve construction for wind musical instruments. 2,132,329; Oct. 4.
Tofte, Harold, Syracuse, assignor to T. N. Benedict Manufacturing Company, East Syracuse, N. Y. Soda fountain straw jar with clip. 2,132,058; Oct. 4.
Tolson, Eugene O., Fort Worth, Tex. Marking device for orienting whipstocks. 2,131,849; Oct. 4.
Torbert, John E., Jr., National City, Calif. Speed changing mechanism. 2,132,088; Oct. 4.
Torkelson, Torkel E., Merrick, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,131,908; Oct. 4.
Tortoreto, Ruggero, et al. (See Lambert, Thomas H., assignor.)
Towne, Charles C., Beacon, assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbons. 2,132,365; Oct. 4.
Toyne, John W., South Bend, Ind. Ice cube freezing device. 2,132,248; Oct. 4.
Trapp, George J. (See Brock, D. T., and Trapp.)
Traugott, Carl. (See Studt, E., and Traugott.)
Traylor Engineering and Manufacturing Company. (See Rice, Lewis A., assignor.)
Trembley, Gregoire E., Quebec, Quebec, Canada. Weather strip. 2,132,060; Oct. 4.
Trembly, George E., Homewood, assignor of one-fourth to L. H. Ayer, Chicago Heights, Ill. Road rolling machine. 2,132,059; Oct. 4.
Tucker, William C., Kenmore, assignor to Buffalo Forge Company, Buffalo, N. Y. Holding or stripping mechanism for shearing machines. 2,132,136; Oct. 4.
Turnbull, David C., assignor to American Foundry Equipment Company, Mishawaka, Ind. Apparatus for treating metal. 2,131,767; Oct. 4.
Turnbull, David C., assignor to American Foundry Equipment Company, Mishawaka, Ind. Apparatus for treating metal articles. 2,131,768; Oct. 4.
Turnbull, David C., assignor to American Foundry Equipment Company, Mishawaka, Ind. Apparatus for treating metal articles. 2,131,769; Oct. 4.
Turnbull, David C., assignor to American Foundry Equipment Company, Mishawaka, Ind. Apparatus for treating metal articles. 2,131,770; Oct. 4.
Turnbull, David C., assignor to American Foundry Equipment Company, Mishawaka, Ind. Loading apparatus. 2,131,771; Oct. 4.
Turnbull, David C., assignor to American Foundry Equipment Company, Mishawaka, Ind. Method and apparatus metal articles. 2,131,772; Oct. 4.
Turner, Edwin A., assignor, by mesne assignments, to The Standard Stoker Company (1922), Inc., New York, N. Y. Locomotive stoker. 2,131,996; Oct. 4.
Turner Tanning Machinery Company, The. (See Ayles, William F., assignor.)
Turner Tanning Machinery Company, The. (See Bartholomew, Edward L., assignor.)
Ulsamer, Julius. (See Zwick, K., Deckel, Fischlmayr, and Ulsamer.)
Umbreit, Stanton, West Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America. Alloy. 2,131,909; Oct. 4.
Union Oil Company of California. (See Blount, Arthur L., assignor.)
Union Switch & Signal Company, The. (See Pflasterer, George R., assignor.)
United Autographic Register Co. (See Euth, John E., assignor.)
United Shoe Machinery Corporation. (See Fenton, Bruton, assignor.)
United Shoe Machinery Corporation. (See Fredericksen, James P., assignor.)
United Shoe Machinery Corporation. (See La Chapelle, Euclid I., assignor.)
United Shoe Machinery Corporation. (See Maeser, Mieth, assignor.)
United Shoe Machinery Corporation. (See Nutt, William H., assignor.)
United Shoe Machinery Corporation. (See Roberts, Thomas, assignor.)
United States Gauge Company. (See Klein, M., Willach, and Stader, assignors.)
United States Quarry Tile Company. (See Duskey, Wade E., assignor.)

United States Rubber Products, Inc. (See ter Horst, William P., assignor.)
Universal Oil Products Company. (See Ipatieff, V., and Komarewsky, assignors.)
Vanderbilt, Byron M. (See Hass, H. B., and Vanderbilt.)
Vanderbilt, Byron M., Terre Haute, assignor to Purdue Research Foundation, La Fayette, Ind. Preparation of nitrohydroxy compounds. 2,132,330; Oct. 4.
Vanderpool, James W., Dedham, and R. E. Fiscus, Malden, assignors to Eastern Refractories Company, Inc., Boston, Mass. Forge furnace. 2,131,827; Oct. 4.
Van De Vanter, William, Delta, Utah. Air conditioner for fans. 2,132,288; Oct. 4.
Van Pelt, Arthur A., Pittsburgh, Pa., assignor to Norma-Hoffmann Bearings Corporation, Stamford, Conn. Oil lubricated mounting. 2,132,249; Oct. 4.
Vernon, General G., and A. J. Greenfield, Happy, Tex. Hydraulic transmission. 2,131,910; Oct. 4.
Viking Pump Company. (See Petersen, Peter C., assignor.)
Von Henke, Edmund J., assignor to American Electric Fusion Corporation, Chicago, Ill. Transformer. 2,132,196; Oct. 4.
Von Mihály, Dénes, Berlin-Wilmersdorf, assignor of sixtenths to the firm Julius Pintsch Aktiengesellschaft, Berlin, Germany. Apparatus for printing photographic sound records. 2,132,089; Oct. 4.
Vorech, Stephen, assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake mechanism. 2,132,090; Oct. 4.
Vrooman, William S. (See Pryale, H. M., Clark, and Vrooman.)
Wagner Electric Corporation. (See Freeman, Walter R., assignor.)
Wagner, Theodore B., Brooklyn, N. Y. Manufacture of starch from Indian corn. 2,132,251; Oct. 4.
Wagner, Theodore B., New York, N. Y. Manufacture of ethyl alcohol from Indian corn. 2,132,250; Oct. 4.
Wahlberg, Frank, Brooklyn, assignor to Durex Products, Incorporated, New York, N. Y. Demonstration model. 2,132,226; Oct. 4.
Waldron, Frederic B., Prescot, assignor to Pilkington Brothers Limited, Liverpool, England. Glass grinding apparatus. 2,131,862; Oct. 4.
Walker, Clinton L., Piedmont, Calif. Quick action whip stock. 2,132,061; Oct. 4.
Wall, John M., Syracuse, N. Y. Motion picture machine. 2,131,850; Oct. 4.
Wallgren, August G. F., Stockholm, assignor to Aktiebolaget Nomy, Lidkoping, Sweden. Bearing. 2,131,773; Oct. 4.
Wallis, Cyril T. (See Sullivan, R. H., Hutchins, and Wallis.)
Walsh, John J. (See Armor, B. S., and Walsh.)
Walton, Milford T. (See Legg, D. A., and Walton.)
Wanamaker, Harry F., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Rest. 2,132,331; Oct. 4.
Wappler, Frederick C., New York, N. Y. Endoscopic tube and obturator therefor. 2,131,924; Oct. 4.
Ward, John R. H. (See Loucks, G. C., and Ward.)
Warden, Charles A., Kimball, W. Va., assignor to Portable Lamp & Equipment Co., Pittsburgh, Pa. Car skid. 2,132,332; Oct. 4.
Ware, Virgil W., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of organic compounds. 2,131,925; Oct. 4.
Wargin, Johanna M., et al. (See Gonsett, Robert R., assignor.)
Waring, Olaf I., Flushing, assignor to Ferdinand Gutmann & Co., New York, N. Y. Container closure. 2,131,774; Oct. 4.
Waring, Olaf I., Flushing, assignor to Ferdinand Gutmann & Co., New York, N. Y. Container closure. 2,131,775; Oct. 4.
Watkins, Frederic M. (See Wittkuhns, B. A., and Watkins.)
Watson, Claude W., Dobbs Ferry, assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 2,132,137; Oct. 4.
Wean, Raymond J., and L. D. Peik, Warren, Ohio, assignors, by mesne assignments, to The American Foundry Equipment Company, Mishawaka, Ind. Cleaning metal plates. 2,131,776; Oct. 4.
Weathershields Limited. (See Bishop, William H., assignor.)
Weber, Louis N., assignor to Appleton Wire Works, Inc., Appleton, Wis. Woven wire belt for paper making machines. 2,132,252; Oct. 4.
Week, Edmund R., Jr., Oakland, Calif. Making piston rings. 2,132,197; Oct. 4.
Weiblen, Erwin C., Woodside, Long Island, and I. W. Doyle, Amityville, assignors to Fairchild Aerial Camera Corporation, Woodside, Long Island, N. Y. Camera magazine. 2,131,926; Oct. 4.
Weiler, John E. (See Bolton, K., and Weiler.)
Weisz, Arthur, Bratislava, Czechoslovakia, assignor to L. Teuer, New York, N. Y. Device for controlling the load opening in boxcars and the like. 2,132,062; Oct. 4.
Wendell, Evert J., Wayne, and R. B. Sargent, Erdenheim, assignors to The Hale Fire Pump Co., Inc., Conshohocken, Pa. Adjustable nozzle. 2,132,333; Oct. 4.
Wenzel, Wilhelm, Leuna, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Stuffing box for liquid pumps. 2,131,927; Oct. 4.
West, Orange, Riffe, Wash. Jar closure. 2,132,334; Oct. 4.
Western Electric Company. (See Lundeen, Carl V., assignor.)
Wezel, Walter P. (See Schmid, R. K., and Wezel.)
Whaley, George W., Los Angeles, Calif. Flash lamp. 2,132,063; Oct. 4.
Wheeler, C. H., Manufacturing Company. (See Bennett, Clement K., assignor.)
Whisler, Thomas C., Berkeley, Calif., assignor to The American Brake Shoe and Foundry Company. Bucket chain tumbler. 2,132,198; Oct. 4.
White Cap Company. (See White, William P., assignor.)
White, William P., Glencoe, assignor to White Cap Company, Chicago, Ill. Closure cap applying apparatus. 2,132,335; Oct. 4.
Whitehurst, George W., Portsmouth, Va. Oil or liquid fuel burner. 2,132,336; Oct. 4.
Whiteman, Benjamin W., Atlanta, Ga. Transparent garment protector. 2,132,337; Oct. 4.
Wicknick, William, and H. R. Fry, Los Angeles, Calif. Vehicle seat table. 2,132,279; Oct. 4.
Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Railway traffic controlling system. 2,132,139; Oct. 4.
Wilken, Casey J., Sunset Hills, Va. Producing yeast mash. 2,132,091; Oct. 4.
Wilkerson, Victor O. (See Maimros, G. V. A., and Wilkerson.)
Willach, Bernhard. (See Klein, M., Willach, and Stader.)
Willcox, Bertha P., et al., executors. (See Willcox, Roderick H.)
Willcox, Richard V., et al., executors. (See Willcox, Roderick H.)
Willcox, Roderick H., deceased; B. P. and R. V. Willcox, co-executors, Columbus, Ohio. Producing oilcloth. 2,131,777; Oct. 4.
Williams, John H., Providence, R. I. Apparatus for printing cloth. 2,131,991; Oct. 4.
Williams, Robert C., and H. M. Bone, assignors to The Ironsides Company, Columbus, Ohio. Applying a lubricant coating to glassware. 2,132,138; Oct. 4.
Williamson, Evan D., assignor to E. D. Bullard Company, San Francisco, Calif. Lamp. 2,131,828; Oct. 4.
Wilmot, William H., Asheville, N. C. Projecting stereoscopic pictures. 2,131,778; Oct. 4.
Wilputte, Louis, New Rochelle, N. Y. Coke oven door. 2,131,829; Oct. 4.
Wilson, Clarence W., Corona, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Treated latex and treating latex. 2,132,064; Oct. 4.
Wilson, Clarence W., Corona, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Pectate and making same. 2,132,065; Oct. 4.
Wilson, John A., Milwaukee, Wis., assignor, by mesne assignments, to Monsanto Chemical Company. Bating skins in leather manufacture. 2,132,366; Oct. 4.
Wilson Supply Company. (See Nixon, Jeddy D., assignor.)
Winkler, Alfred, and M. Dünnebier, Neuwied, Germany. Process and apparatus for the manufacture of envelopes, bags, and other like articles. 2,132,227; Oct. 4.
Winthrop Chemical Company. (See Dörzbach, E., and Bross, assignors.)
Winthrop Chemical Company. (See Mietzsch, F., and Klarer, assignors.)
Wirt, Carl G., Jackson Heights, N. Y. Electric circuit control mechanism. 2,132,253; Oct. 4.
Wirz, Adolf, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Diazo compound and making same. 2,131,992; Oct. 4.
Witherow, William P. (See Henderson, Albert, assignor.)
Wittkuhns, Bruno A., Summit, N. J., and F. M. Watkins, Forest Hills, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Sonic depth and height indicator. 2,131,993; Oct. 4.
Wolhaupter, David P., Washington, D. C., assignor to Poor & Company, Chicago, Ill. Rail anchor. 2,132,367; Oct. 4.
Wood, Orville T. (See Officer, W. J., and Wood.)
Wright, Andrew S., Springfield, Mass. Ski pole. 2,131,863; Oct. 4.
Wright, James C., Colorado Springs, Colo. Hand rock drill. 2,131,997; Oct. 4.
Wright, Russell. (See Maguire, M. M., and Wright.)
Yager, George F., assignor to The Bunting Brass & Bronze Company, Toledo, Ohio. Stock handling apparatus. 2,132,140; Oct. 4.
Yancey, John R., assignor to Gray Tool Company, Houston, Tex. Well head installation with choke valve. 2,132,199; Oct. 4.
Young, Leonard A. (See Oldham, John M., assignor.)
Yundt, Michael, Company. (See Perkins, Frank P., assignor.)
Zeh, Walter. (See Dieterle, W., and Zeh.)
Zeh, Walter, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Making heptamethine dyes. 2,131,864; Oct. 4.
Zeh, Walter, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Making pentamethine cyanine dyes. 2,131,865; Oct. 4.

Zerweck, Werner, and K. Schütz, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water insoluble azo dyestuffs. 2,131,866; Oct. 4.

Ziebolz, Herbert, Chicago, Ill., assignor to Askania-Werke A. G. Relay. 2,132,338; Oct. 4.

Zillman, Ben V. (See Mizer, George A., assignor.)

Zimmerman, Thomas, assignor to Bower Roller Bearing Company, Detroit, Mich. Grinding tapered rolls. 2,132,280; Oct. 4.

Zipper, Walter, Vienna, Austria, assignor to Evans Case Company, North Attleboro, Mass. Receptacle. 2,132,339; Oct. 4.

Zwick, Kurt, Munich, F. Deckel, Munich-Prinz Ludwigshohe, H. Fischlmayr, Grafelfing, near Munich, and J. Ulsamer, Munich, assignors to F. Deckel, Munich-Prinz Ludwigshohe, Germany. Fuel injection pump. 2,131,779; Oct. 4.

Zwicky, Melchior, Berkshire Hights, and R. Anke, Ridge Park, Reading, assignors to Textile Machine Works, Wyomissing, Pa. Automatic idle course mechanism for straight knitting machines. 2,132,200; Oct. 4.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 4TH DAY OF OCTOBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Anchor, Aircraft. A. P. de Seversky. Re. 20,870; Oct. 4.
Bars, Making rail joint. G. Langford. Re. 20,874; Oct. 4.
Cigarette making machine. D. W. Moline. Re. 20,876; Oct. 4.
Connecter for electrical conduits. J. M. G. Fullman. Re. 20,873; Oct. 4.
Denture, Cast metallic. C. H. Prange. Re. 20,877; Oct. 4.
Floor supporting structure. L. Focht. Re. 20,872; Oct. 4.
Lock, Permutation. R. K. Winning. Re. 20,879; Oct. 4.
Range, Combination. J. E. Leonard. Re. 20,875; Oct. 4.
Support and hair covering for earphones. E. P. Donoher. Re. 20,871; Oct. 4.
Toxic to lower forms of life, Composition. E. W. Bousquet, G. D. Graves, and P. L. Salzberg. Re. 20,869; Oct. 4.
Window, Awning type. E. F. Wiley. Re. 20,878; Oct. 4.

LIST OF PLANT INVENTIONS

Tree, Apple. T. E. Graham. 293; Oct. 4.

LIST OF DESIGN INVENTIONS

Airship. S. T. Rogers. 111,590; Oct. 4.
Ash receiver. F. L. Burnell. 111,628; Oct. 4.
Belt. A. R. Richtmyer and M. J. Hinlein. 111,615; Oct. 4.
Bookmark. E. Rabbin and F. Drucker. 111,589; Oct. 4.
Bulletin board. W. W. MacLaughlin, Jr. 111,586; Oct. 4.
Cabinet, Display. R. J. Vezina. 111,575; Oct. 4.
Cabinet, Phonograph. P. M. Fuller. 111,598–9; Oct. 4.
Cabinet, Sewing. H. G. Romberg. 111,645; Oct. 4.
Cage, Bird. N. A. Olson. 111,570; Oct. 4.
Case or the like, Key. N. A. Mercer. 111,587; Oct. 4.
Casing for an electric shaver. G. T. Scharfenberg. 111,573; Oct. 4.
Coat. J. Schumer. 111,618; Oct. 4.
Coat. J. A. Silverman. 111,619; Oct. 4.
Cover paper or similar article. J. Makowsky. 111,639; Oct. 4.
Dress. G. Constantine. 111,629; Oct. 4.
Dress. B. Fried. 111,631; Oct. 4.
Dress. H. Goldman. 111,632; Oct. 4.
Dress. M. Lawrence. 111,637; Oct. 4.
Dress. B. Machanoff. 111,638; Oct. 4.
Dress. M. Mascitelli. 111,611; Oct. 4.
Dress. M. Mascitelli. 111,640; Oct. 4.
Dress. M. Michelson. 111,612; Oct. 4.
Dress. J. Miracky. 111,642; Oct. 4.
Dress. C. M. Neuhardt. 111,643; Oct. 4.
Dress. D. W. Price. 111,644; Oct. 4.
Dress. K. Rost. 111,617; Oct. 4.
Dress. A. Ruchman. 111,646; Oct. 4.
Dress ensemble. S. Kuznetz. 111,635–6; Oct. 4.
Dress or similar article. H. Massar. 111,641; Oct. 4.
Fabric, Embossed textile. H. Wagner. 111,624; Oct. 4.
Fabric or similar article, Textile. R. H. Barth. 111,625; Oct. 4.
Fabric, Textile. C. A. Cornibert. 111,630; Oct. 4.
Fabric, Textile. H. M. Goldman. 111,601; Oct. 4.
Flag and staff, Combined. A. S. Rosen. 111,572; Oct. 4.
Font of printing type. S. Ish-Shalom. 111,633; Oct. 4.
Handbag. S. R. Goldsmith. 111,582; Oct. 4.
Holder or similar article, Candle. R. R. Kostellow. 111,634; Oct. 4.
Jack, Bed. F. R. Stearns. 111,622; Oct. 4.
Lace. E. Katz. 111,603–4; Oct. 4.
Lamp. A. L. Arenberg. 111,577; Oct. 4.
Lamp, Projection. H. M. Horldt. 111,602; Oct. 4.
Lantern. J. B. Federico. 111,578; Oct. 4.
Lantern, Electric. L. O. Brown. 111,626; Oct. 4.
List finder and clock, Combined. M. Marcus. 111,610; Oct. 4.
Mixing machine or similar article. H. Rosengren. 111,616; Oct. 4.
Nail, Decorative. J. Eitinger. 111,565–7; Oct. 4.
Pants. A. N. Spanel. 111,620; Oct. 4.
Razor, Electric. G. F. Bahr. 111,593; Oct. 4.
Ring, Finger. J. Fiddelman. 111,579; Oct. 4.
Sadiron, Electric. D. Goldberg. 111,600; Oct. 4.
Scarf. C. A. Cornibert. 111,595; Oct. 4.
Scarf or similar article. P. Bubenheim. 111,627; Oct. 4.
Self-photographing apparatus. W. W. Rice. 111,614; Oct. 4.
Server, Strip. T. R. Gautier. 111,568; Oct. 4.
Sewing machine. R. Casas Robert. 111,594; Oct. 4.
Shaver, Electric. G. T. Scharfenberg. 111,574; Oct. 4.
Sign. O. C. Applegate, Jr., and E. G. Neale. 111,576; Oct. 4.
Sign, Advertising. J. Kay. 111,583–5; Oct. 4.
Sign, Advertising. J. Kay. 111,605–7; Oct. 4.
Sprayer. J. W. Patterson. 111,588; Oct. 4.
Spraying unit. M. Rosenberg. 111,591; Oct. 4.
Statuette. F. S. Hoefer. 111,569; Oct. 4.
Stool. K. Kipp. 111,608; Oct. 4.
Sweater ensemble. M. W. Elkind. 111,596; Oct. 4.
Table. E. E. Frey. 111,581; Oct. 4.
Tap knob. F. C. Fisher. 111,580; Oct. 4.
Telephone set, Wall. M. Rose and N. A. Judsen. 111,592; Oct. 4.
Tool, Combination kitchen. E. Cullen. 111,564; Oct. 4.
Tooth brush, Rubber. R. L. Lasater. 111,609; Oct. 4.
Valance or the like, Decorative. W. Venner. 111,623; Oct. 4.
Ventilator, Window. W. Fader. 111,597; Oct. 4.
Wallet. L. G. Stanley. 111,621; Oct. 4.
Watch. G. Pohli. 111,613; Oct. 4.
What-not. J. A. Rankel. 111,571; Oct. 4.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 4TH DAY OF OCTOBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Accumulator, Electric. E. W. L. Ramakers. 2,132,186; Oct. 4.
Acid to remove fluorine, Treatment of phosphoric. C. F. Booth. 2,132,349; Oct. 4.
Adenotome. C. R. Storz. 2,131,780; Oct. 4.
Acetal, Cyclic. K. Billig. 2,131,998; Oct. 4.
Acids, Refining of naphthenic. H. J. Donker. 2,131,938; Oct. 4.
Adjustable seat. A. P. Ball. 2,132,009; Oct. 4.
Advertising display or hanger for bottles. J. M. Greene. 2,132,236; Oct. 4.
Advertising, indicating, and displaying device. N. and F. E. L. Sandor. 2,132,085; Oct. 4.
Aerial traveling device. R. R. Rand, Jr. 2,132,187; Oct. 4.
Air circulating heater, Fireplace contained. P. H. Sroat. 2,131,763; Oct. 4.
Air conditioner. E. Hambleton. 2,132,263; Oct. 4.
Air conditioner for fans. W. Van De Vanter. 2,132,288; Oct. 4.
Air conditioning apparatus. A. S. Locke. 2,132,372; Oct. 4.
Air or other fluids, Method and system for treating. T. Chester. 2,131,725; Oct. 4.
Alcohol fermentation, Butyl. D. A. Legg and M. T. Walton. 2,132,358; Oct. 4.
Alcohol from Indian corn, Manufacture of ethyl. T. B. Wagner. 2,132,250; Oct. 4.
Alcohols, Higher molecular. H. Bertsch. 2,132,348; Oct. 4.
Alkyl benzenes, Hydrogenation of mono nitrated. C. O. Henke and R. G. Benner. 2,131,734; Oct. 4.
Alloy. H. R. Kiepe. 2,132,116; Oct. 4.
Alloy. S. Umbreit. 2,131,909; Oct. 4.
Alternating-current measurement, Heavy. H. W. Lord. 2,132,267; Oct. 4.
Anchor, Cable. F. J. McHugh. 2,132,269; Oct. 4.
Anchor, Rail. D. P. Wolhaupter. 2,132,367; Oct. 4.
Appliance for testing vehicle tires and road surfaces. E. Seidl. 2,131,979; Oct. 4.
Applicator means for paper tube winders. J. K. M. Harrison. 2,132,239; Oct. 4.
Article of ceramic bonded abrasive material and making the same. L. H. Milligan and R. H. Lombard. 2,132,005; Oct. 4.
Articles, Manufacture of shaped. M. Hagedorn. 2,132,160; Oct. 4.
Articles or containers from paper pulp, Apparatus for producing hollow. R. Marguerat and E. M. Chevrier. 2,131,813; Oct. 4.
Assembling apparatus. C. V. Lundeen. 2,132,242; Oct. 4.
Autoclave, Multiwall. J. S. Reid. 2,131,753; Oct. 4.
Automobile body heater. L. M. Payne. 2,132,045; Oct. 4.
Backing for photographic film, Antihalation. G. F. Nadeau and C. B. Starck. 2,131,747; Oct. 4.
Ball, Rubber. F. T. Roberts. 2,131,756; Oct. 4.
Ballast, Apparatus for handling. J. B. WcWilliams. 2,132,176; Oct. 4.
Bands from building drums, Method of and apparatus for removing. H. P. Schrank. 2,132,324; Oct. 4.
Bearing. A. G. F. Wallgren. 2,131,773; Oct. 4.
Beater, Bass drum. W. Hueckstead. 2,132,211; Oct. 4.
Bed. H. C. Schilling. 2,132,131; Oct. 4.
Beer and other liquids, Clarifying and sterilizing. D. P. S. Fox. 2,131,885; Oct. 4.
Belt for paper making machines, Woven wire. L. N. Weber. 2,132,252; Oct. 4.
Beverage dispensing apparatus. V. R. Bennett and G. G. Budwig. 2,132,011; Oct. 4.
Bicycle frame or the like. E. E. Pease. 2,132,317; Oct. 4.
Binder, Waterproof and oilproof. B. L. Postlethwaite. 2,131,750; Oct. 4.
Blades, Making helical. E. L. Bartholomew. 2,132,373; Oct. 4.
Block: *See*—
Building block.
Blow out preventer. J. W. MacClatchie. 2,132,037; Oct. 4.
Board: *See*—
Loading board.
Bobbin stripper. L. Kleeb, Jr. 2,132,344; Oct. 4.
Bolt, Emergency screw-threaded. J. Bonham. 2,132,284; Oct. 4.
Booklet, Cigarette paper. W. F. Grupe. 2,132,340; Oct. 4.
Boot, Riding. J. Alesci. 2,132,066; Oct. 4.
Borax, Granular nonvitrous desiccated. T. M. Cramer and G. A. Connell. 2,131,793; Oct. 4.
Bottle, Nonresealable. W. H. Swenarton. 2,131,988; Oct. 4.
Bow, Hat. O. Regen. 2,131,751; Oct. 4.
Box: *See*—
Mail box. Stuffing box.
Box for liquid pumps, Stuffing. W. Wenzel. 2,131,927; Oct. 4.
Box making machine. A. L. Rosenmund. 2,131,971; Oct. 4.
Brake and accelerator control. J. W. Ruhstorfer. 2,131,972; Oct. 4.
Brake applying device. S. N. Nickliss. 2,132,080; Oct. 4.
Brake applying mechanism for motor vehicles. R. Rourke. 2,132,006; Oct. 4.
Brake beam strut and lever assembly. F. Schaefer. 2,132,222; Oct. 4.
Brake drum. R. K. Super. 2,131,906; Oct. 4.
Brake mechanism. S. Vorech. 2,132,090; Oct. 4.
Brake shoe adjusting and centering device. J. J. Schlumbrecht. 2,132,049; Oct. 4.
Brassière. H. Rasch. 2,132,128; Oct. 4.
Brazing. L. C. Hopkins, Jr. 2,131,890; Oct. 4.
Broom holder. W. W. Jones. 2,131,956; Oct. 4.
Building block. A. Henderson. 2,131,803; Oct. 4.
Bumper. W. L. Morrison. 2,131,746; Oct. 4.
Burner: *See*—
Fuel burner. Liquid fuel burner.
Gas burner. Oil burner.
Lamp burner.
Burner. F. G. Schwalbe. 2,131,977; Oct. 4.
Bushing structures, Forming. M. Schwartz. 2,131,978; Oct. 4.
Cable: *See*—
Electric cable.
Cable with air space insulation, Electric. E. Studt and C. Traugott. 2,131,987; Oct. 4.
Calculating machine. C. Schilins. 2,132,192; Oct. 4.
Camera, Roll film. L. Goldhammer. 2,132,157; Oct. 4.
Cap and sealed package. J. C. Gibbs. 2,131,945; Oct. 4.
Car body bolster. O. C. Duryea. 2,132,232; Oct. 4.
Car body bolster, Cast railway. O. C. Duryea. 2,132,233; Oct. 4.
Carbon holding and retracting device for duplicating machines. J. E. Euth. 2,132,068; Oct. 4.
Carbohydrate compounds, Manufacture of. W. Neugebauer, U. Ostwald, and K. Sponsel. 2,132,181; Oct. 4.
Carburetor. C. R. Robidoux. 2,131,848; Oct. 4.
Card flats, Grinding. O. L. Hope. 2,132,240; Oct. 4.
Carrier: *See*—
Luggage carrier.
Carrier wave system compensated automatic gain control. H. F. Elliott. 2,132,101; Oct. 4.
Case: *See*—
Display case.
Cellulose by the pretreatment of the cellulose, Nitrating. F. B. Stieg. 2,131,764; Oct. 4.
Cellulose derivatives. J. F. Haskins and R. W. Maxwell. 2,131,733; Oct. 4.
Cellulose derivatives, Treatment of. E. Kinsella, J. Bower, J. F. Briggs, and R. P. Roberts. 2,131,810; Oct. 4.
Ceramic manufacture. W. E. Duskey. 2,132,257; Oct. 4.
Cereals and resulting product, Treating. H. J. Billings. 2,131,881; Oct. 4.
Chair: *See*—
Foldable chair. Reclining chair.
Folding chair.
Change responsive controlling means. V. E. Carbonara. 2,132,286; Oct. 4.
Check ejector, Jamproof. C. J. Breitenstein. 2,132,229; Oct. 4.
Check sorting machine with card punching attachment. S. Brand. 2,131,912; Oct. 4.
Cheese, Making blue-veined. C. B. Lane and B. W. Hammer. 2,132,077; Oct. 4.
Choke, Variable. E. E. Davidson. 2,131,836; Oct. 4.
Circuit: *See*—
Electrical control circuit.
Circuit breaker. W. H. Frank. 2,131,800; Oct. 4.
Circuit control mechanism, Electric. C. G. Wirt. 2,132,253; Oct. 4.
Clasp, Garment. H. P. Keefer. 2,132,075; Oct. 4.
Cleaner: *See*—
Thread cleaner.
Cleaner with headlight, Vacuum. B. P. Smith. 2,132,007; Oct. 4.
Clip: *See*—
Suspender clip.
Clipper, Electric hair. R. R. Gonsett. 2,132,025; Oct. 4.
Clock, Secondary. B. Chapman. 2,131,915; Oct. 4.
Clocks, Attachment for. E. H. Schuttenberg. 2,132,051; Oct. 4.

Closure cap applying apparatus. W. P. White. 2,132,335; Oct. 4.
Closure cushioning and sealing means. J. S. Reid. 2,132,272; Oct. 4.
Closure of ink bottles. R. Namiki. 2,132,313; Oct. 4.
Closure, Receptacle. G. F. Jonitz. 2,132,115; Oct. 4.
Cloth, Apparatus for printing. J. H. Williams. 2,131,991; Oct. 4.
Cloth, Method and apparatus for shrinking and drying. D. Gessner. 2,132,156; Oct. 4.
Clutch and brake control mechanism. W. R. Freeman. 2,131,944; Oct. 4.
Coaster. A. L. Lawrence. 2,131,878; Oct. 4.
Coating and applying and removing, Protective. L. G. Copeman. 2,132,230; Oct. 4.
Coating to glassware, Applying a lubricant. R. C. Williams and H. M. Bone. 2,132,138; Oct. 4.
Coin injector for packages. C. E. McMakin. 2,131,843; Oct. 4.
Coke oven door. L. Wilputte. 2,131,829; Oct. 4.
Color analyzer and reproducer. W. C. Robinette. 2,132,048; Oct. 4.
Combine machine. P. Hanson. 2,132,210; Oct. 4.
Comestibles with inert gas, Apparatus for blanketing. S. A. Hurst. 2,131,876; Oct. 4.
Communication system. H. J. Nichols. 2,131,920; Oct. 4.
Compass, Inductor. H. D. Oakley. 2,132,183; Oct. 4.
Compass, Vehicle. M. Klein, B. Willach, and W. Stader. 2,132,168; Oct. 4.
Compound of the pyraboloanthraquinone series. G. Roesch, P. Nawiasky, and K. Saftien. 2,132,191; Oct. 4.
Compressors, Electromagnetically regulating the output of. A. Hoerbiger and F. Schabetsberger. 2,132,070; Oct. 4.
Connecter: *See*—
Electrical connecter.
Connection, Electric plug. L. A. Brodhecker. 2,131,884; Oct. 4.
Connection, Separable hinge. E. L. Harmon. 2,131,802; Oct. 4.
Container: *See*—
Metal container.
Container closure. O. I. Waring. 2,131,774–5; Oct. 4.
Control apparatus for aircraft. J. Spencer. 2,131,824; Oct. 4.
Control device. C. A. F. Fennell. 2,131,943; Oct. 4.
Control device for atomizer nozzles, burner heads and the like. P. Del Genovese. 2,131,936; Oct. 4.
Control for electrically operated stoker mechanism for coal furnaces. I. E. McCabe. 2,131,783; Oct. 4.
Control for tabulating machines, Automatic. G. V. A. Malmros and V. O. Wilkerson. 2,131,916; Oct. 4.
Control system. W. R. King. 2,132,264; Oct. 4.
Control system. H. A. Satterlee. 2,131,759; Oct. 4.
Control system. C. E. Stewart. 2,132,277; Oct. 4.
Conveyer system. J. E. Regan. 2,132,362; Oct. 4.
Conveying mechanism. C. J. Surdy. 2,131,907; Oct. 4.
Conveying machinery. F. P. Perkins. 2,131,816; Oct. 4.
Core catcher. A. C. Catland. 2,132,014; Oct. 4.
Coupling: *See*—
Tube coupling.
Couplings, Producing. R. Temple, Jr. 2,131,766; Oct. 4.
Cover: *See*—
Insulating cover. Tire cover.
Cover and producing same, Magazine. W. F. Grupe. 2,132,341; Oct. 4.
Cover for cavities. W. Elmenthaler. 2,132,102; Oct. 4.
Cover for dough working surfaces. E. T. Parsons and H. W. Sawyer. 2,132,123; Oct. 4.
Coverings and the like, Forming. H. M. Pryale, S. C. Clark, and W. S. Vrooman. 2,132,185; Oct. 4.
Craft, Steering of. H. I. Becker. 2,132,254; Oct. 4.
Crankpin mounting device, Thermostatically controlled variable-throw. T. A. Fee. 2,131,729; Oct. 4.
Crate, Nonrodded milk. H. S. Lion and C. G. Rohrer. 2,132,118; Oct. 4.
Crusher, Double acting jaw. O. C. Gruender. 2,131,801; Oct. 4.
Cylinders of two-stroke internal combustion engines, Charging and scavenging of the. M. Kadenacy. 2,131,957; Oct. 4.
Dairy products, Method of and apparatus for purifying. C. and H. Doering. 2,132,099; Oct. 4.
Damper, Vibration. M. Preiswerk. 2,132,319; Oct. 4.
Dental burr holder. H. Jerum. 2,131,807; Oct. 4.
Denture. R. W. Erdle. 2,131,940–1; Oct. 4.
Device for controlling the load opening in boxcars and the like. A. Weisz. 2,132,062; Oct. 4.
Diaphragm for vestibule cars, Floating. J. J. Tatum. 2,132,327; Oct. 4.
Diazo compounds and making same. A. Wirz. 2,131,992; Oct. 4.
Die casting machine. R. F. Johnson. 2,131,955; Oct. 4.
Die for stud, bolt, and screw blanks, Automatic progressive. C. C. Richard. 2,132,244; Oct. 4.
Die stock, Self-oiling. E. S. Gremillion. 2,131,854; Oct. 4.
Diphenyl derivative. S. Gassner and B. Bienert. 2,131,731; Oct. 4.
Dispensing device. F. D. Aldrich. 2,131,831; Oct. 4.
Dispensing device for roll paper. M. Mezoff. 2,132,177; Oct. 4.
Display case. T. J. Pilliod and F. C. H. Müller. 2,132,318; Oct. 4.
Display device. J. W. Less. 2,131,960; Oct. 4.
Door: *See*—
Coke oven door.
Door dovetail, Automobile. D. W. Dougherty. 2,132,100; Oct. 4.
Dough twisting machine. C. C. Guldbech. 2,132,158; Oct. 4.
Drapery hanger. W. Cleveland. 2,132,067; Oct. 4.
Drawing mechanism for textile slivers or rovings. J. F. Jackson. 2,132,299; Oct. 4.
Dredge or excavator. J. M. Poche. 2,132,184; Oct. 4.
Drill: *See*—
Hand rock drill.
Drilling fluid characteristics, Determining. W. H. Collins. 2,132,015; Oct. 4.
Drying mechanism for cans and the like. H. D. Lathrop. 2,132,303; Oct. 4.
Dual-load meter. D. G. Cameron. 2,132,256; Oct. 4.
Duster, Plant. V. H. Jocklsch. 2,131,954; Oct. 4.
Dyes, Making heptamethine. W. Zeh. 2,131,864; Oct. 4.
Dyes, Making pentamethine cyanine. W. Zeh. 2,131,865; Oct. 4.
Dyestuff, Vat. G. Rösch, P. Nawiasky, and K. Saftien. 2,132,190; Oct. 4.
Dyestuffs and their production, Azo. A. H. Knight. 2,131,894; Oct. 4.
Dyestuffs, Treatment of direct. V. Kartaschoff and F. Aeschlimann. 2,132,074; Oct. 4.
Dyestuffs, Water insoluble azo. W. Zerweck and K. Schütz. 2,131,866; Oct. 4.
Dynamo-electric machine. M. A. Savage. 2,132,274; Oct. 4.
Eaves trough hanger, Under-hung. C. C. Strayer. 2,131,985; Oct. 4.
Electric cable. L. Emanuell. 2,132,259; Oct. 4.
Electric plug. T. H. Lambert. 2,131,856; Oct. 4.
Electrical connecter. J. E. Clark. 2,132,203; Oct. 4.
Electrical control circuit. L. W. Thompson. 2,132,278; Oct. 4.
Electrode holder. E. R. Smith. 2,131,861; Oct. 4.
Electromagnetic switching system. C. J. and S. C. Evans. 2,131,942; Oct. 4.
Electron discharge device. H. A. Iams. 2,131,892; Oct. 4.
Electron discharge device. O. H. Schade. 2,131,921; Oct. 4.
Electron tube. A. A. Thomas. 2,131,923; Oct. 4.
Electronic vacuum pump. L. Malter. 2,131,897; Oct. 4.
Ends to can bodies, Apparatus for soldering. A. M. Cameron. 2,132,145; Oct. 4.
Engine: *See*—
Internal combustion engine.
Envelope machine. A. Novick. 2,131,748; Oct. 4.
Envelope, Tuck flap. E. B. Berkowitz. 2,132,012; Oct. 4.
Envelopes, bags, and other like articles, Process and apparatus for the manufacture of. A. Winkler and M. Dunnebier. 2,132,227; Oct. 4.
Enzymatic preparation from animal organs, Producing dry. H. Huber and R. Laster. 2,132,167; Oct. 4.
Expansion joint. A. Fabbro. 2,131,798; Oct. 4.
Exploding splitting tool. R. B. Hutchinson. 2,132,114; Oct. 4.
Facepiece for gas masks, Universal. O. I. Gaines and W. A. Fertig. 2,131,730; Oct. 4.
Facsimile printing telegraph system, and apparatus. E. E. and E. F. Kleinschmidt. 2,131,741; Oct. 4.
Fan. H. G. Smith. 2,132,133; Oct. 4.
Fastening for kilns and the like, Tire. L. A. Rice. 2,132,321; Oct. 4.
Fats and oils, Stabilization of animal and vegetable. P. L. Salzberg. 2,131,904; Oct. 4.
Faucet, Dispensing. H. W. Ribble. 2,131,785; Oct. 4.
Feeder: *See*—
Poultry feeder.
Feeder apparatus for mail sorting machines. J. Miller. 2,132,310; Oct. 4.
Fiber conduit joint. H. G. Hall. 2,131,839; Oct. 4.
Fibrous material, Conditioning. G. Broughton. 2,132,095; Oct. 4.
Film reel. J. M. Oldham. 2,132,043; Oct. 4.
Film rewind device. J. M. Goldberg. 2,132,024; Oct. 4.
Finish material, Design embossed high luster. B. S. Armor and J. J. Walsh. 2,131,882; Oct. 4.
Fire control system, Nocturnal antiaircraft. F. R. House. 2,131,952; Oct. 4.
Fire extinguisher. H. Leipold. 2,132,035; Oct. 4.
Fire extinguisher system. J. L. Seat. 2,132,132; Oct. 4.
Fish cooking apparatus and method. D. D. E. Peebles, P. D. V. Manning, and A. H. Potbury. 2,131,902; Oct. 4.
Fishing spinner, Noncooking. R. W. Ledrich. 2,131,858; Oct. 4.
Flash lamp. G. W. Whaley. 2,132,063; Oct. 4.
Flashing light signal. S. C. Bryant. 2,132,097; Oct. 4.
Flashlight switch. W. J. Officer and O. T. Wood. 2,132,218; Oct. 4.
Flexible metal tube. F. Roemer. 2,132,189; Oct. 4.
Floor construction or the like. E. S. Powers. 2,132,220; Oct. 4.
Fluid pressure controller, Automatic. A. M. Spencer. 2,132,247; Oct. 4.
Fluids to low temperatures and diffusion refrigerating machines therefor, Cooling. G. Maiuri. 2,131,782; Oct. 4.
Fluorescent material. W. A. Roberts. 2,132,273; Oct. 4.

Fluoroscopic apparatus. L. C. Kotraschek and H. C. Brunst. 2,132,076; Oct. 4.
Flushing apparatus. J. M. Teahen. 2,131,765; Oct. 4.
Foldable chair. W. H. McKinley and E. M. Johnson. 2,132,309; Oct 4.
Folding chair. G. J. Arthur. 2,131,722; Oct. 4.
Forge furnace. J. W. Vanderpool and R. E. Fiscus. 2,131,827; Oct. 4.
Form and the like, Dressmaking. D. La Rue. 2,132,034; Oct. 4.
Formation tester. M. O. Johnston. 2,132,072; Oct. 4.
4-aminobenzene-sulphonic acid amide, Manufacture of. F. Mietzsch and J. Klarer. 2,132,178; Oct. 4.
Foundry sand conditioning apparatus. F. B. Henry. 2,132,163–5; Oct. 4.
Friction element. W. A. Blume. 2,131,932; Oct. 4.
Fuel burner, Oil or liquid. G. W. Whitehurst. 2,132,336; Oct. 4.
Fuel feeding system for internal combustion engines. C. F. High. 2,131,950; Oct. 4.
Fuel injection apparatus for internal combustion engines, Liquid. M. A. Lauret. 2,131,857; Oct. 4.
Fuel injection in free piston internal combustion engines. R. Pateras Pescara. 2,132,083; Oct. 4.
Fuel injection pump. D. T. Brock and G. J. Trapp. 2,131,933; Oct. 4.
Fuel injection pump. K. Zwick, F. Deckel, H. Fischlmayr, and J. Ulsamer. 2,131,779; Oct. 4.
Funnel support. J. Tate. 2,132,056; Oct. 4.
Furnace: *See*—
Forge furnace.
Furniture. E. B. Morgan. 2,131,900; Oct. 4.
Game. C. S. Sultzer. 2,131,825; Oct. 4.
Game dice B. A. Serdynski. 2,132,050; Oct. 4.
Garden tool. H. Johnson. 2,132,300; Oct. 4.
Garment. R. M. Kapinas. 2,132,033; Oct. 4.
Garment protector, Transparent. B. W. Whiteman. 2,132,337; Oct. 4.
Gas burner. P. M. Forster. 2,132,020; Oct. 4.
Gas valve. D. G. Kappelman. 2,131,740; Oct. 4.
Gases, Apparatus for cleaning. W. P. Chandler, Jr. 2,132,146; Oct. 4.
Gasket, packing, and the like. E. W. Smith. 2,131,762; Oct. 4.
Gate: *See*—
Roller gate.
Gates, Apparatus for mechanically operating level crossing. Z. Tadros. 2,131,989; Oct. 4.
Gauge for masonry joints. W. Grund. 2,132,027; Oct. 4.
Glass, Apparatus for bending. D. H. Goodwillie. 2,131,873; Oct. 4.
Glass handling apparatus, Sheet. C. D. Burrell. 2,131,869; Oct. 4.
Glass grinding apparatus. F. B. Waldron. 2,131,862; Oct. 4.
Goggle and eyeshade, Interconvertible. H. C. Richards. 2,132,346; Oct. 4.
Golf club. A. W. Nelson. 2,131,966; Oct. 4.
Golf club. J. Pirie. 2,132,219; Oct. 4.
Gravimeter. A. Hoyt. 2,131,737; Oct. 4.
Grinder, Production tap. A. M. Drake and N. J. Crowey. 2,131,939; Oct. 4.
Guard for aerial wires, Tree. W. B. Elmer. 2,132,258; Oct. 4.
Guard for shingle edges. P. H. Mooshian. 2,131,844; Oct. 4.
Guard, Handle lock. R. H. Curtis and E. P. Byrnes, Jr. 2,132,287; Oct. 4.
Guitar playing simplifier. H. E. Adamson. 2,132,281; Oct. 4.
Gun, Air. C. F. Lefever. 2,132,173; Oct. 4.
Gun filler, Grease. M. Schwabenlender. 2,131,860; Oct. 4.
Hand rock drill. J. C. Wright. 2,131,997; Oct. 4.
Handle and making same, Confection. H. E. Davis. 2,131,727; Oct. 4.
Handle attachment for paper boxes. D. H. Shapiro. 2,132,246; Oct. 4.
Handle construction, Suction cleaner. E. F. Martinet. 2,131,842; Oct. 4.
Hanger: *See*—
Drapery hanger. Eaves trough hanger.
Heat exchange surface. H. C. Amme. 2,131,929; Oct. 4.
Heater: *See*—
Air circulating heater. Liquid heater.
Automobile body heater. Orchard heater.
Heater. A. Hatvelt. 2,132,294; Oct. 4.
Heater manufacture. E. Friederich and H. W. Klose. 2,131,887; Oct. 4.
Heddle for circular looms. V. E. Royle. 2,132,245; Oct. 4.
Hepta- and pentamethinecyanines, Substituted. W. Dieterle and W. Zeh. 2,131,853; Oct. 4.
High pressure valve. N. C. Hunt and S. C. Chessman. 2,132,030; Oct. 4.
Hinge, Gooseneck concealed. E. B. G. Lefevre. 2,132,266; Oct. 4.
Holder: *See*—
Broom holder. Lipstick holder.
Dental burr holder. Seat holder.
Electrode holder.
Holder and handling ice cubes, Ice cube. F. Hummel. 2,131,855; Oct. 4.
Holder for lacework and the like. C. Kowalewska. 2,132,265; Oct. 4.
Holding or stripping mechanism for shearing machines. W. C. Tucker. 2,132,136; Oct. 4.
Hole drilling mechanism, Rat. E. D. Ackerman. 2,131,830; Oct. 4.
Hubs, Construction of. F. R. Hight. 2,132,002; Oct. 4.
Hydrocarbon distillates, Treating. W. C. Ault and C. A. Hochwalt. 2,131,879; Oct. 4.
Hydrocarbons, Treatment of. V. Ipatieff and V. Komarewsky. 2,131,806; Oct. 4.
Hydrocarbons, Treatment of. C. C. Towne. 2,132,365; Oct. 4.
Hydroxy compounds, Production of partially hydrogenated. C. Schuster and H. Krzikalla. 2,132,193; Oct. 4.
Ice cube freezing device. J. W. Toyne. 2,132,248; Oct. 4.
Idle course mechanism for straight knitting machines, Automatic. M. Zwicky and R. Anke. 2,132,200; Oct. 4.
Idler, Self-training. R. C. Sollenberger. 2,132,052; Oct. 4.
Idler, Self-training. R. C. Sollenberger and L. O. Carroll. 2,132,053; Oct. 4.
Ignition apparatus. J. L. Arthur. 2,132,092; Oct. 4.
Illuminated street sign. J. Melio. 2,131,917; Oct. 4.
Image-suppression system. W. A. Schaper. 2,131,976; Oct. 4.
Impact press. L. K. Davis. 2,132,148; Oct. 4.
Indicator: *See*—
Multiband indicator.
Sonic depth and height indicator.
Injector overflow mechanism. B. E. Folke. 2,131,871; Oct. 4.
Insect catcher with catching grid under electric tension. H. Kriwat and W. Klages. 2,132,371; Oct. 4.
Insecticide, A. L. Blount. 2,132,013; Oct. 4.
Insole and making the same. J. P. Fredericksen. 2,131,838; Oct. 4.
Insulated electric conductor. R. D. Green. 2,132,235; Oct. 4.
Insulating cover. R. Dewar and W. T. Sanford. 2,131,937; Oct. 4.
Insulating panel and closure. B. E. Clatworthy. 2,132,098; Oct. 4.
Interference attenuator. H. E. Overacker. 2,132,044; Oct. 4.
Internal combustion engine. H. A. Roan. 2,131,755; Oct. 4.
Internal combustion engine, Rotary. R. E. J. Garretson. 2,132,153; Oct. 4.
Internal combustion engine, Two-stroke cycle. M. Kadenacy. 2,131,958; Oct. 4.
Internal combustion engine, Two-cycle supercharged. J. L. Slatinsky. 2,132,223; Oct. 4.
Jack for automobiles, Lifting. G. E. Jarrett. 2,132,343; Oct. 4.
Jar closure. O. West. 2,132,334; Oct. 4.
Jar with clip, Soda fountain straw. H. Tofte. 2,132,058; Oct. 4.
Joint: *See*—
Expansion joint. Fiber conduit joint.
Keying, Idle time. H. O. Peterson. 2,132,124; Oct. 4.
Knife, Paring. L. F. Quinn. 2,132,320; Oct. 4.
Knitting machine for drop-stitch work, Circular. J. H. Rice. 2,132,046; Oct. 4.
Knitting machine, Straight bar. G. Taylor. 2,132,135; Oct. 4.
Lamp: *See*—
Flash lamp.
Lamp. E. D. Williamson. 2,131,828; Oct. 4.
Lamp and manufacture thereof, Electric. W. J. Geiger. 2,132,368; Oct. 4.
Lamp burner. A. Menna. 2,132,119; Oct. 4.
Lamp making apparatus. W. J. Geiger and R. J. Ayres. 2,132,369; Oct. 4.
Lamp structure. H. D. Kennedy. 2,132,302; Oct. 4.
Last. W. H. Nutt. 2,131,846; Oct. 4.
Lasting machine. T. Roberts. 2,131,847; Oct. 4.
Latch: *See*—
Safety latch.
Latex and treating latex, Treated. C. W. Wilson. 2,132,064; Oct. 4.
License plate and direction signal for motor vehicles, Combination. E. McAlpin. 2,131,962; Oct. 4.
Lift, Hydraulic window. L. Soldatti. 2,132,325; Oct. 4.
Lifter: *See*—
Mulcher lifter.
Light and chime display, Decorative. M. Horowitz. 2,132,297; Oct. 4.
Light projecting system. F. S. Brackett. 2,131,852; Oct. 4.
Light sensitive device. W. Ayres. 2,131,911; Oct. 4.
Lighter system for vapor fuel stoves, Automatic. G. E. Pickup. 2,131,903; Oct. 4.
Lighting fixture. L. Silberman. 2,131,823; Oct. 4.
Lighting system, Automobile. F. M. Harris. 2,131,888; Oct. 4.
Liner segment, Tunnel. C. B. Cushwa. 2,131,794; Oct. 4.
Lipstick holder. L. A. Samstag. 2,131,975; Oct. 4.
Liquid fuel burner. L. S. Chadwick and T. B. Focke. 2,131,835; Oct. 4.

Liquid heater. C. K. Bennett. 2,132,093; Oct. 4.
Liquid treatment, Art of and apparatus for. G. Moore. 2,132,312; Oct. 4.
Liquids, Process and apparatus for congealing. E. Thompson. 2,132,364; Oct. 4.
Loading and unloading device. D. Oliva. 2,132,082; Oct. 4.
Loading apparatus. D. C. Turnbull. 2,131,771; Oct. 4.
Loading board. W. F. Simonson. 2,131,922; Oct. 4.
Lock: *See*—
Nut lock.
Lock valve. J. D. Newell. 2,132,315; Oct. 4.
Loom heddle shifting device, Hand. L. R. Linn. 2,132,078; Oct. 4.
Luggage carrier. A. W. Newton. 2,132,316; Oct. 4.
Machine for producing form pieces from wet fibrous mass. B. F. E. Nylander. 2,132,270; Oct. 4.
Machine for testing lubricants. H. J. Anderson. 2,132,347; Oct. 4.
Magazine, Camera. E. C. Weiblen and I. W. Doyle. 2,131,926; Oct. 4.
Mail box, Signaling. J. R. Honegger. 2,132,111; Oct. 4.
Marking device for orienting whipstocks. E. O. Tolson. 2,131,849; Oct. 4.
Materials having different electrical conductivities, Apparatus for separating mixed. K. C. Appleyard and S. D. Pollitt. 2,131,930; Oct. 4.
Measuring system. O. Myers. 2,132,214; Oct. 4.
Mechanism for automatically indicating the position, identity, and movement of railway cars in the switching yard, Centralized. L. M. Gibbs. 2,131,946; Oct. 4.
Metal Apparatus for extruding. C. S. Farmer, C. J. Beaver, and T. J. Fairfield. 2,131,799; Oct. 4.
Metal articles, Apparatus for surface hardening. H. Holler. 2,132,110; Oct. 4.
Metal, Apparatus for treating. D. C. Turnbull. 2,131,767; Oct. 4.
Metal articles, Apparatus for surface treating. V. E. Minich. 2,132,311; Oct. 4.
Metal articles, Apparatus for treating. D. C. Turnbull. 2,131,768–70; Oct. 4.
Metal articles, Method and apparatus for treating. D. C. Turnbull. 2,131,772; Oct. 4.
Metal composition, Refractory. F. R. Hensel. 2,131,994; Oct. 4.
Metal container. W. E. Coakley. 2,131,792; Oct. 4.
Metal mold. S. C. Spalding. 2,132,276; Oct. 4.
Metal rolling apparatus and method for annular work. H. M. Hubbard. 2,132,370; Oct. 4.
Metal salts of phenols, Carboxylation of alkali. H. Z. Lecher and M. Scalera. 2,132,356–7; Oct. 4.
Metal seaming tool, Sheet. C. R. Schlicht. 2,131,821; Oct. 4.
Metals, Producing. E. Edwin. 2,132,149; Oct. 4.
Metals such as gold, Apparatus for the recovery of precious. L. O. Stirn. 2,132,195; Oct. 4.
Meter: *See*—
Dual-load meter. Watt-hour meter.
Methyl-aromatic compounds, Chlorinating. P. Osswald and O. Scherer. 2,132,361; Oct. 4.
Microscope. H. N. Ott. 2,132,122; Oct. 4.
Mill: *See*—
Tumbling mill.
Mirror for automobiles, Forward view. J. E. Griffith. 2,132,026; Oct. 4.
Model, Demonstration. F. Wahlberg. 2,132,226; Oct. 4.
Mold: *See*—
Metal mold.
Molding machine. D. J. Campbell. 2,131,935; Oct. 4.
Mounting: *See*—
Ophthalmic mounting.
Mulcher lifter. F. G. Galpin. 2,131,872; Oct. 4.
Multiband indicator. L. Brodton. 2,132,094; Oct. 4.
Multiplying machine. T. E. Torkelson. 2,131,908; Oct. 4.
Musical tuning device. W. D. Gladstone. 2,132,105; Oct. 4.
Necktie. H. Kahn. 2,132,301; Oct. 4.
Nitroalcohols. H. B. Hass and B. M. Vanderbilt. 2,132,352; Oct. 4.
Nitroalcohol. H. B. Hass and B. M. Vanderbilt. 2,132,353; Oct. 4.
Nitrohydroxy compounds, Preparation of. B. M. Vanderbilt. 2,132,330; Oct. 4.
Nozzle, Adjustable. E. J. Wendell and R. B. Sargent. 2,132,333; Oct. 4.
Number or name plate, Illuminated. M. Davidson. 2,131,795; Oct. 4.
Nut lock. M. M. Maguire and R. Wright. 2,131,812; Oct. 4.
Oil burner, Blue flame. C. M. Stroud. 2,131,986; Oct. 4.
Oil lubricated mounting. A. A. Van Pelt. 2,132,249; Oct. 4.
Oils, Apparatus for treating mineral. M. R. Fenske. 2,132,150; Oct. 4.
Oils, Apparatus for treating mineral. M. R. Fenske and W. B. McCluer. 2,132,151; Oct. 4.
Oils, Dewaxing petroleum. E. C. Herthel. 2,132,108; Oct. 4.
Oil, Dewaxing wax-bearing. E. C. Knowles and E. W. McNealy; 2,132,354; Oct. 4.
Oil, Solvent refining of hydrocarbon. L. A. Clarke. 2,132,350; Oct. 4.
Oils, Treating hydrocarbon. C. W. Watson. 2,132,137; Oct. 4.
Oils, Treatment of hydrocarbon. J. K. Roberts. 2,132,129; Oct. 4.
Oilcloth, Producing. R. H. Willcox. 2,131,777; Oct. 4.
Opener, Disk furrow. E. A. Criswell. 2,132,147; Oct. 4.
Ophthalmic mounting. P. J. Graham. 2,132,106; Oct. 4.
Optical system. A. Hoyt. 2,131,738; Oct. 4.
Orchard heater. P. M. Forster. 2,132,021; Oct. 4.
Ores, especially zinc sulphide ores containing lead and/or cadmium, Roasting of. S. Robson and T. B. Gyles. 2,131,786; Oct. 4.
Ores, Treating sulphide. N. V. Hybinette. 2,132,031; Oct. 4.
Organic compounds, Purification of. V. W. Ware. 2,131,925; Oct. 4.
Package, Sealed. A. Podel. 2,131,969; Oct. 4.
Packing, Stuffing box. P. Barry. 2,132,010; Oct. 4.
Padlock. J. Allman. 2,132,201; Oct. 4.
Paint, Preparing a casein. A. J. Menaker. 2,132,243; Oct. 4.
Pajamas. L. G. Milkes. 2,131,898; Oct. 4.
Panel. H. B. Denman. 2,131,728; Oct. 4.
Paper feeding device. U. M. W. Kölm and H. Mutschler; 2,131,895; Oct. 4.
Paper machine. A. Richards. 2,131,754; Oct. 4.
Paper making. H. A. Du Bois. 2,132,016; Oct. 4.
Pectate and making same. C. W. Wilson. 2,132,065; Oct. 4.
Pedal. H. S. Holmes. 2,131,889; Oct. 4.
Perforator. E. G. Rix. 2,132,047; Oct. 4.
Peroxide formation in aliphatic ethers, Inhibition of. T. Evans. 2,132,019; Oct. 4.
Peroxide formation in ethers, Inhibition of. T. Evans. 2,132,018; Oct. 4.
Phenolic condensate, Oil soluble. I. Rosenblum. 2,131,757; Oct. 4.
Phosphate coating bath and method of making. L. P. Curtin. 2,132,000; Oct. 4.
Phosphorus, Vaporizing and oxidizing. M. H. Merchant. 2,132,360; Oct. 4.
Photographic desensitizing. K. Kumetat and S. Gassner. 2,131,742; Oct. 4.
Photographic desensitizing. K. Kumetat and S. Gassner. 2,132,169; Oct. 4.
Photographic exposures, Apparatus for controlling or indicating. C. J. Linke. 2,132,306; Oct. 4.
Pickling inhibitor. W. P. ter Horst. 2,131,790; Oct. 4.
Picture apparatus, Motion. L. J. R. Holst. 2,132,003; Oct. 4.
Picture machine, Motion. J. M. Wall. 2,131,850; Oct. 4.
Pictures, Producing combined colored and black and white. B. Gaspar. 2,132,154; Oct. 4.
Pictures, Projecting stereoscopic. W. H. Wilmot. 2,131,778; Oct. 4.
Piezo-electric device. W. A. Thomas. 2,131,826; Oct. 4.
Pigments, Processing of calcined. S. C. Lyons. 2,131,841; Oct. 4.
Pipe: *See*—
Smoking pipe.
Pipe and filter therefor. F. M. Ashley. 2,132,141; Oct. 4.
Pipe for smoking tobacco. F. M. Ashley. 2,132,142; Oct. 4.
Pipe for tobacco. F. M. Ashley. 2,132,143; Oct. 4.
Pistol holding device. J. R. Sander. 2,132,323; Oct. 4.
Piston ring construction. F. Ritz. 2,131,970; Oct. 4.
Piston rings, Making. E. R. Week, Jr. 2,132,197; Oct. 4.
Pitman, Adjustable. W. H. Spire. 2,132,054; Oct. 4.
Planting implement. C. G. McKee. 2,132,308; Oct. 4.
Plates, Cleaning metal. R. J. Wean and L. D. Pelk. 2,131,776; Oct. 4.
Plow. L. C. Hester. 2,132,166; Oct. 4.
Plug: *See*—
Vent plug.
Pole, Ski. A. S. Wright. 2,131,863; Oct. 4.
Polysaccharides, Conversion of starchy. G. V. Caesar. 2,131,724; Oct. 4.
Pot, Annealing. V. G. Bates. 2,131,931; Oct. 4.
Poultry feeder. L. A. Stahmer. 2,131,984; Oct. 4.
Powder insufflator. G. W. Raiziss and H. Brahin. 2,131,817; Oct. 4.
Power device, Fluid operated. H. Nilson. 2,131,815; Oct. 4.
Power steering apparatus. W. W. Fuller. 2,132,023; Oct. 4.
Power transmission. J. J. Ruliancich. 2,132,221; Oct. 4.
Power transmitting device. E. A. Rockwell and J. J. Shively. 2,131,787; Oct. 4.
Press: *See*—
Impact press.
Press. M. Maeser. 2,131,744; Oct. 4.
Printing apparatus. M. F. Scheffler. 2,132,086; Oct. 4.
Printing machine, Record controlled. A. W. Mills, E. J. Rabenda, and F. J. Furman. 2,131,919; Oct. 4.
Printing mechanism. J. W. Bryce. 2,131,913; Oct. 4.
Printing mechanism. A. W. Mills. 2,131,918; Oct. 4.
Printing plate. W. F. Huck. 2,131,891; Oct. 4.
Product containing calcium nitrate and ammonium nitrate, Manufacturing a. S. J. Gelhaar. 2,132,155; Oct. 4.

Propeller. C. H. Havill. 2,132,162; Oct. 4.
Protector: *See*—
Garment protector. Radiator protector.
Pump: *See*—
Electronic vacuum pump. Well pump.
Fuel injection pump.
Pump. F. W. Ofeldt. 2,131,749; Oct. 4.
Pump. D. J. Reiss. 2,132,084; Oct. 4.
Pump and valve device, Reversibly associated rotary. P. C. Petersen. 2,131,968; Oct. 4.
Pump system for liquid fuel heating plants. L. E. Sallot. 2,132,130; Oct. 4.
Punch, Typewriter. F. M. Carroll and J. H. Bakelaar. 2,131,914; Oct. 4.
Rack: *See*—
Utility rack.
Racket stringing device. A. L. Becket. 2,131,880; Oct. 4.
Radiator protector. J. B. Griffin. 2,131,874; Oct. 4.
Radio amplifier, Ultrahigh frequency. F. W. Dunmore. 2,132,208; Oct. 4.
Railway crossing. J. H. Asselin. 2,132,008; Oct. 4.
Razor construction. H. Harrer. 2,132,293; Oct. 4.
Reaction between liquids and for separating the reacted products, Apparatus for causing. G. J. Strezynski and W. Kronasser. 2,131,905; Oct. 4.
Receptacle. W. Zipper. 2,132,339; Oct. 4.
Reclining chair, Hydraulically operated. T. E. Thomas and H. H. Phillips. 2,132,363; Oct. 4.
Recorder of liquid level heights. G. A. Locke. 2,132,213; Oct. 4.
Records, Apparatus for printing photographic sound. D. von Mihaly. 2,132,089; Oct. 4.
Reel: *See*—
Film reel.
Reel seat for fishing rods. S. G. Russell. 2,131,819; Oct. 4.
Refining. W. S. Gullette. 2,132,159; Oct. 4.
Refrigerating apparatus. R. R. Candor, 2,131,834; Oct. 4.
Refrigerating system and apparatus. G. Fick. 2,132,234; Oct. 4.
Refrigerating system, Ejector type. J. E. Robb. 2,132,322; Oct. 4.
Refrigerating system, Steam jet. J. E. Haines. 2,132,292; Oct. 4.
Refrigerator, Ice. C. F. Belshaw. 2,132,255; Oct. 4.
Regulating device for noninductive loads, Slow magnetic. A. B. Rypinski. 2,131,758; Oct. 4.
Regulator: *See*—
Temperature regulator.
Relay. H. Zieboltz. 2,132,338; Oct. 4.
Rest. H. F. Wanamaker. 2,132,331; Oct. 4.
Reversing and locking mechanism for spring motor toys. R. V. King. 2,131,877; Oct. 4.
Rivet package. H. N. Hill. 2,132,296; Oct. 4.
Rivet setting mechanism. L. C. Huck. 2,132,113; Oct. 4.
Riveting mechanism. L. C. Huck. 2,132,112; Oct. 4.
Road rolling machine. G. E. Trembly. 2,132,059; Oct. 4.
Roller gate. C. R. Martin. 2,132,307; Oct.
Roller, Road. A. Hamm. 2,132,107; Oct. 4.
Rolls, Grinding tapered. T. Zimmerman. 2,132,280; Oct. 4.
Roof, Detachable car. J. J. Tatum. 2,132,328; Oct. 4.
Roof for vehicle bodies, Opening. W. H. Bishop. 2,132,228; Oct. 4.
Roof structure for tents, cabanas, and the like, Convertible. J. G. Haisty. 2,132,238; Oct. 4.
Roofing. E. R. Greenlee. 2,132,209; Oct. 4.
Rubber and like article and making same, Deposited. E. C. Brueggeman. 2,132,096; Oct. 4.
Rubber goods, Surface finishing of. M. T. Mallard. 2,132,268; Oct. 4.
Rubber process. T. L. Shepherd. 2,131,982; Oct. 4.
Rule, Steel tape. F. O. Carlson. 2,132,202; Oct. 4.
Safety attachment for automotive vehicles. R. Lee. 2,132,304; Oct. 4.
Safety latch. T. W. Moody. 2,131,899; Oct. 4.
Safetypin. G. A. Mizer. 2,132,038; Oct. 4.
Safety switch, Thermo-electric. J. H. Thornbery and H. A. Mantz. 2,132,057; Oct. 4.
Sanitary napkin machine. C. G. Joa. 2,131,808; Oct. 4.
Sash and housing, Window. H. J. Sharp. 2,131,980; Oct. 4.
Sash construction. J. C. Nenendorf. 2,132,217; Oct. 4.
Screen for the production of stereoscopic images. A. H. J. de L. Saint Genies. 2,131,974; Oct. 4.
Scraper, Carrier. E. McAlpin. 2,131,961; Oct. 4.
Seal, Oil. T. E. Nelson. 2,132,042; Oct. 4.
Sealer, Can. C. Nelson. 2,132,041; Oct. 4.
Seat: *See*—
Adjustable seat. Spring seat.
Seat for farm machinery, Driver's. G. Mendall. 2,131,963; Oct. 4.
Seat holder, Automobile. J. F. Lescallett. 2,132,305; Oct. 4.
Shaker conveyer. E. R. Bergmann. 2,131,867; Oct. 4.
Sharpener, Pencil. E. Nudelman. 2,132,121; Oct. 4.
Shear, Thread. R. Stevenson. 2,131,788; Oct. 4.
Sheet feeding mechanism. A. F. Peropat. 2,131,967; Oct. 4.
Sheet material, Apparatus for sorting flexible. J. F. Dunser. 2,132,231; Oct. 4.
Shoe counter manufacture. F. L. Ayers. 2,131,832; Oct. 4.
Shoe for furnaces, Knock-down. J. J. Holub. 2,131,804; Oct. 4.
Shoe parts, Embossing and perforating preformed. G. C. Loucks and J. R. H. Ward. 2,132,036; Oct. 4.
Shoe upper stretching machine. E. I. La Chapelle. 2,131,840; Oct. 4.
Shoes, Operating upon the heel-portions of. W. H. Nutt. 2,131,845; Oct. 4.
Sign: *See*—
Illuminated street sign.
Signal: *See*—
Flashing light signal.
Signal device, Automatic reversing. J. M. Rockett, B. J. Isherwood, and C. H. Read. 2,132,188; Oct. 4.
Signaling system, Railway. G. R. Pflasterer. 2,132,125; Oct. 4.
Signaling system, Two-way. D. Mitchell. 2,132,180; Oct. 4.
Skid, Car. C. A. Warden. 2,132,332; Oct. 4.
Skinning device. R. K. Schmid and W. P. Wezel. 2,132,087; Oct. 4.
Skins in leather manufacture, Bating. J. A. Wilson. 2,132,366; Oct. 4.
Smoking pipe. F. L. De Vita. 2,132,289; Oct. 4.
Solvent refining. L. A. Clarke. 2,131,999; Oct. 4.
Solvents by fermentation, Production of neutral. J. Müller. 2,132,039; Oct. 4.
Solutions of substances having an anesthetic effect, Stable aqueous. E. Dörzbach and V. Bross. 2,132,351; Oct. 4.
Solvent refining of hydrocarbon. B. Y. McCarty. 2,132,359; Oct. 4.
Sonic depth and height indicator. B. A. Wittkuhns and F. M. Watkins. 2,131,993; Oct. 4.
Speed changing mechanism. J. E. Torbert, Jr. 2,132,088; Oct. 4.
Spinning and like textile frame. O. Lambert. 2,131,896; Oct. 4.
Spinning machine. C. Stansfield. 2,132,055; Oct. 4.
Spinning ring and traveler therefor. C. Fillinger. 2,132,260–1; Oct. 4.
Spring measuring apparatus, Helical ribbon. A. Hoyt. 2,131,739; Oct. 4.
Spring ring or circlet. E. B. Graham. 2,131,948; Oct. 4.
Spring seat. M. Fitos. 2,132,291; Oct. 4.
Sprinkler, Fertilizing. R. L. Day. 2,131,796; Oct. 4.
Sprinkler, Lawn. M. Needler. 2,132,314; Oct. 4.
Stabilized compositions comprising aliphatic ethers. T. Evans. 2,132,017; Oct. 4.
Staking and ironing machine. W. F. Ayles. 2,131,833; Oct. 4.
Stapling device. E. Hawkins. 2,132,295; Oct. 4.
Stapling implement, Convertible. F. Polzer. 2,132,127; Oct. 4.
Starch from Indian corn, Manufacture of. T. B. Wagner. 2,132,251; Oct. 4.
Starter for well strings, Insertable circulation. J. E. Hall. 2,132,161; Oct. 4.
Steam, Utilizing exhaust. J. E. Johansson. 2,132,212; Oct. 4.
Steering device, for ships, Automatic. F. S. Hodgman. 2,131,951; Oct. 4.
Stenciling machine. D. J. Ajouelo. 2,132,282; Oct. 4.
Stock handling apparatus. G. F. Yager. 2,132,140; Oct. 4.
Stoker fuel distributor. G. M. Broker. 2,131,995; Oct. 4.
Stoker, Locomotive. E. A. Turner. 2,131,996; Oct. 4.
Stop for internal combustion engines, Safety. R. E. Kittredge. 2,131,811; Oct. 4.
Strength tester, Bending. L. Howe. 2,131,805; Oct. 4.
Strips, Apparatus for making composition. A. C. Fischer. 2,132,152; Oct. 4.
Structural units, Making. F. F. Becker. 2,131,883; Oct. 4.
Stuffing box. J. D. Nixon and C. H. Lee. 2,132,182; Oct. 4.
Suction tip. H. B. Allen. 2,132,283; Oct. 4.
Support: *See*—
Funnel support.
Surveying instrument. A. Langsner. 2,132,171; Oct. 4.
Suspender clip. N. O. Jönsson. 2,132,073; Oct. 4.
Switch: *See*—
Flashlight switch. Traffic signal switch.
Safety switch.
Switchboard instruments, System for operating alternating current. H. Milliken. 2,132,179; Oct. 4.
Switching apparatus. R. H. Sullivan, W. H. Hutchins, and C. T. Wallis. 2,131,789; Oct. 4.
Syphon, Venturi. M. H. Loughridge. 2,131,743; Oct. 4.
Table: *See*—
Vehicle seat table.
Tamper, Sheep foot. G. M. Gilmore. 2,131,947; Oct. 4.
Tangent adjusting means. A. Langsner. 2,132,172; Oct. 4.
Target rifle range, Electric. A. J. Carter. 2,131,791; Oct. 4.
Telegraph system. W. W. Cramer. 2,131,870; Oct. 4.
Telephone system. H. Hovland. 2,132,241; Oct. 4.
Telephone voice silencer. L. S. Scher. 2,131,820; Oct. 4.
Television system. O. T. Francis. 2,131,886; Oct. 4.
Temperature regulator. J. E. Dube. 2,132,290; Oct. 4.
Thermooperative valve. J. A. Gabriel. 2,132,262; Oct. 4.
Thread cleaner. H. R. Schmadeke. 2,131,859; Oct. 4.
Thread forming mechanism. F. Nell. 2,131,965; Oct. 4.
Thread or yarn and manufacturing the same, Elastic or rubber. T. L. Shepherd. 2,131,981; Oct. 4.

Threads, Process and apparatus for twisting. C. C. Jessen. 2,131,893; Oct. 4.
Threadlike articles, Method and apparatus for transferring. A. H. Burkholder. 2,131,723; Oct. 4.
Time element relay. F. B. Hitchcock. 2,132,109; Oct. 4.
Time recorder mechanism. E. G. Streckfuss. 2,132,134; Oct. 4.
Timing apparatus. V. Subrizi. 2,132,225; Oct. 4.
Timing of the inlet and exhaust orifices of two-stroke internal combustion engines. M. Kadenacy. 2,131,959; Oct. 4.
Tire construction, Nonskid. H. E. Skelton. 2,132,275; Oct. 4.
Tire cover. T. Munro. 2,132,040; Oct. 4.
Toe lasting mechanism. B. Fenton. 2,131,837; Oct. 4.
Tool: *See*—
Exploding splitting tool. Metal seaming tool.
Garden tool.
Tool checking equipment and using the same. H. H. Miller. 2,132,079; Oct. 4.
Top, Container. A. and D. Di Domenico. 2,132,206; Oct. 4.
Torch, Flare. R. Kovac. 2,132,004; Oct. 4.
Track for overhead door hangers. H. Nock. 2,131,784; Oct. 4.
Traffic control system, Automatic. S. C. Roth. 2,131,818; Oct. 4.
Traffic controlling system for railroads, Centralized. R. M. Phinney. 2,132,126; Oct. 4.
Traffic controlling system, Railway. S. N. Wight. 2,132,139; Oct. 4.
Traffic signal switch, Vehicle. I. L. Cunningham. 2,131,726; Oct. 4.
Trailer, Machinery carrying. C. F. Helmig. 2,131,949; Oct. 4.
Train control system, Coded continuous inductive. W. H. Reichard and C. S. Bushnell. 2,131,752; Oct. 4.
Train control system, Continuous inductive. W. H. Hoppe. 2,131,735–6; Oct. 4.
Transformer. E. J. von Henke. 2,132,196; Oct. 4.
Transit. A. Langsner. 2,132,170; Oct. 4.
Transmission, Hydraulic. G. G. Vernon and A. J. Greenfield. 2,131,910; Oct. 4.
Transmission means for control means. J. Dreyfus. 2,131,797; Oct. 4.
Transmission, Secret. A. C. Dickieson. 2,132,205; Oct. 4.
Trestle. R. C. Brown. 2,132,285; Oct. 4.
Trolley collector for electrical distribution systems. H. J. L. Frank and J. A. Messing. 2,132,022; Oct. 4.
Trousers. S. R. Korolick. 2,132,117; Oct. 4.
Truck, Hand. C. B. Hall. 2,132,069; Oct. 4.
Truck, Rail car. W. B. Dean. 2,132,001; Oct. 4.
Tube: *See*—
Electron tube. Flexible metal tube.
Tube and obturator therefor, Endoscopic. F. C. Wappler. 2,131,924; Oct. 4.
Tube coupling. R. H. Stone. 2,132,326; Oct. 4.
Tubes, Sealing collapsible. B. E. Johnson. 2,132,071; Oct. 4.
Tumbler, Bucket chain. T. C. Whisler. 2,132,198; Oct. 4.
Tumbling mill. C. H. Hammell. 2,131,732; Oct. 4.
Tuning indicator tube. H. Nelson. 2,132,216; Oct. 4.
Turbine system of the continuous combustion type, Gas. A. Lysholm. 2,131,781; Oct. 4.
Two-step solenoid valve. G. C. Davis and G. J. Hachmeister. 2,132,204; Oct. 4.
Type form make-up device. C. L. Self. 2,131,761; Oct. 4.
Utility rack. E. B. Tisdale. 2,131,990; Oct. 4.
Vacuum heating system. G. W. Parkton. 2,131,901; Oct. 4.
Valve: *See*—
Gas valve. Thermooperative valve.
High pressure valve. Two-step solenoid valve.
Lock valve.
Valve. D. J. Killen. 2,131,809; Oct. 4.
Valve and the like, Slush pump. W. A. Abegg. 2,131,928; Oct. 4.
Valve construction for wind musical instruments. E. B. Todt. 2,132,329; Oct. 4.
Valve for controlling pressure and rate of supply of fluids. M. T. Phillipps. 2,132,215; Oct. 4.
Valves, Making. R. Jardine. 2,131,953; Oct. 4.
Vegetable slicing machine. M. R. Anstice. 2,131,851; Oct. 4.
Vehicle. H. G. Schaefer. 2,131,760; Oct. 4.
Vehicle wheel. J. H. Hunt and H. J. Horn. 2,132,298; Oct. 4.
Vehicle seat table. W. Wicknick and H. R. Fry. 2,132,279; Oct. 4.
Vent plug. A. H. Snyder. 2,132,224; Oct. 4.
Ventilating device for automobiles. W. L. Morrison. 2,131,745; Oct. 4.
Vessel, Pouring or dropping. S. Scheyer (née von Pezachowicz) and S. Arcari. 2,132,120; Oct. 4.
Visual interpretation of electrical currents. R. D. Burchfield. 2,131,934; Oct. 4.
Wall, Partition. A. A. Jacobsen. 2,132,032; Oct. 4.
Washing apparatus for locomotives and the like. R. D. and J. C. Metcalfe. 2,131,964; Oct. 4.
Water conditioner and blow-off system, Automatic boiler. L. O. Gunderson and O. W. Carrick. 2,132,028; Oct. 4.
Watt-hour meter. W. H. Pratt. 2,132,271; Oct. 4.
Wax from hydrocarbon oils, Separation of. E. C. Knowles. 2,132,355; Oct. 4.
Weather strip. J. F. Fauner. 2,132,103; Oct. 4.
Weather strip. G. E. Tremblay. 2,132,060; Oct. 4.
Weighing apparatus. O. P. Haegele. 2,132,237; Oct. 4.
Well head installation with choke valve. J. R. Yancey. 2,132,199; Oct. 4.
Well measuring. K. Bolton and J. E. Weller. 2,131,868; Oct. 4.
Well pump. H. A. Schmidt. 2,131,822; Oct. 4.
Wells, Flowing of. J. D. Nixon. 2,132,081; Oct. 4.
Wheel: *See*—
Vehicle wheel.
Wheel assembly, Dual. J. F. Higbee. 2,132,029; Oct. 4.
Whipstock, Quick action. C. L. Walker. 2,132,061; Oct. 4.
Window, Nonreflecting. J. J. Hopfield. 2,131,875; Oct. 4.
Window silencer, Vehicle. W. E. Froeliger. 2,132,104; Oct. 4.
Wool unshrinkable, Rendering. E. L. Jackson. 2,132,342; Oct. 4.
Wool unshrinkable, Rendering. J. S. Reichert and R. W. Peakes. 2,132,345; Oct. 4.
Work positioning means. J. M. Rusnak and G. H. Hochmuth. 2,131,973; Oct. 4.
Wrapper for perishable goods. H. Blum. 2,132,144; Oct. 4.
Wrench. J. L. Donovan. 2,132,207; Oct. 4.
X-ray apparatus. R. R. Machlett. 2,132,174–5; Oct. 4.
X-ray apparatus. J. W. Skehan and R. R. Machlett. 2,132,194; Oct. 4.
Yarn and making it, Elastic. T. L. Shepherd. 2,131,983; Oct. 4.
Yarns, Liquid treatment of. R. W. Moncrieff, F. B. Hill, and T. B. Frearson. 2,131,814; Oct. 4.
Yeast mash, Producing. C. J. Wilken. 2,132,091; Oct. 4.

CLASSIFICATION OF PATENTS

ISSUED OCTOBER 4, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Acme Steel Company, Chicago, Ill. Steel strapping. Serial No. 401,972; Oct. 11. Class 13.

Aderer, Julius, Inc., New York, N. Y. Casting gold. Serial No. 409,550; Oct. 11. Class 44.

Alexander Manufacturing Company, Forest City, N. C. Pillow cases, bed sheetings, and bed sheets. Serial No. 409,986; Oct. 11. Class 42.

American Maize-Products Company, New York, N. Y. Laundry starch. Serial No. 406,165; Oct. 11. Class 6.

Annis, Samuel E., New York, N. Y. Wearing apparel. Serial No. 400,332; Oct. 11. Class 39.

Appalachian Mills Company, Knoxville, Tenn. Underwear, sweaters, bathing suits. Serial No. 392,184; Oct. 11. Class 39.

Arkansas Soft Pine Bureau, Little Rock, Ark. Lumber, woodwork, paneling, etc. Serial No. 407,516; Oct. 11. Class 12.

Arteraft Silk Hosiery Mills, Inc., Philadelphia, Pa. Women's hosiery. Serial No. 408,911; Oct. 11. Class 39.

Atwell Hosiery Co. (See Schecter & Rothberg.)

Austin, Nichols & Co., Inc., Brooklyn, N. Y. Teas and coffees. Serial No. 408,686; Oct. 11. Class 46.

Bardstown Distillery, Inc., Bardstown, Ky. Whiskey. Serial No. 408,148; Oct. 11. Class 49.

Beeker, Frank J., Solon, Ohio. Mixer beverage and sirup and extract for making the same. Serial No. 408,745; Oct. 11. Class 45.

Berliner Schlossbrauerei Aktiengesellschaft, Berlin-Schoneberg, Germany. Beers. Serial No. 406,705; Oct. 11. Class 48.

Berliner Schlossbrauerei Aktiengesellschaft, Berlin, Germany. Beers. Serial No. 406,706; Oct. 11. Class 48.

Beverly's. (See Osborne, Beverly.)

Bireley's Inc., Hollywood, Calif. Fruit juices. Serial No. 404,348; Oct. 11. Class 46.

Blosser Company, The, Atlanta, Ga. Sun tan lotion. Serial No. 408,828; Oct. 11. Class 6.

Blue Swan Mills Inc., New York, N. Y. Ladies' underwear. Serial No. 408,005; Oct. 11. Class 39.

Bonzette Foundations, Inc., New York, N. Y. Girdles, corsets, brassières, etc. Serial No. 408,492; Oct. 11. Class 39.

Botany Worsted Mills, Passaic, N. J. Woolen and worsted piece goods. Serial No. 409,838; Oct. 11. Class 42.

Breitstein Manufacturing Co., Inc., doing business as Brown Derby Coat Co., Los Angeles, Calif. Ladies' and misses' coats and suits. Serial No. 409,230; Oct. 11. Class 39.

Breivogel, Joseph R., doing business as P. J. Breivogel, New York, N. Y. Watch and clock dials. Serial No. 408,688; Oct. 11. Class 27.

Broadstreet's, Inc., New York, N. Y. Coats, vests, pants, etc. Serial No. 408,230; Oct. 11. Class 39.

Brown Derby Coat Co. (See Breitstein Manufacturing Co., Inc.)

Brown Instrument Company, The, Philadelphia, Pa. Measuring and control instruments and apparatus for automatically controlling an operation responsively to the fluctuations of a variable condition. Serial No. 402,214; Oct. 11. Class 26.

C. A. B. Company. (See Nelson, Margaret M.)

C. & W. Manufacturing Co., Chicago, Ill. Electric hair dryers. Serial No. 409,418; Oct. 11. Class 44.

Calcifo Chemical Co. (See Nelson, Katie.)

California Consolidated Canneries, Inc., Los Angeles, Calif. Canned goods. Serial No. 396,976; Oct. 11. Class 46.

Canfield, A. J., Co., Chicago, Ill. Beverages. Serial No. 409,680; Oct. 11. Class 45.

Castilla Products, Inc., New York, N. Y. Hair tonic. Serial No. 403,161; Oct. 11. Class 6.

Catelli Food Products, Ltd., Montreal, Quebec, Canada. Pea soup, pork and beans, soups. Serial No. 408,751; Oct. 11. Class 46.

Chrisman, John, Paris, Ill. Beverages. Serial No. 406,373; Oct. 11. Class 45.

Clayton Manufacturing Company, The, Bristol, Conn. Scissors and shears. Serial No. 402,590; Oct. 11. Class 23.

Cloroben Corporation, The, Jersey City, N. J. Chemical for control of bacteria. Serial No. 406,752; Oct. 11. Class 6.

Cyclax Limited, London, England. Preparations for the skin and hair, dentifrices, perfumery, etc. Serial No. 397,793; Oct. 11. Class 6.

Colton Razor Blade Company, Boston, Mass. Safety razor blades. Serial No. 409,763; Oct. 11. Class 23.

Consolidated Paper Manufacturing Co., Los Angeles, Calif. Paper napkins. Serial No. 408,597; Oct. 11. Class 37.

Crane Packing Company, Chicago, Ill. Nonmetallic washers and discs. Serial No. 402,512; Oct. 11. Class 35.

Cribben & Sexton Company, Chicago, Ill. Stoves, ranges, and hot-air furnaces, and parts of same. Serial No. 395,126; Oct. 11. Class 34.

Cromwell Paper Co., The, Chicago, Ill. Curtains and curtain materials. Serial No. 407,793; Oct. 11. Class 42.

Cunningham, Mildred, New York, N. Y. Jewelry. Serial No. 409,087; Oct. 11. Class 28.

Dodge, H. B., and Company, Chicago, Ill. Folding partitions, rolling partitions and shutters. Serial No. 356,340; Oct. 11. Class 12.

Draper Hat Corporation, New York, N. Y. Ladies' hats. Serial No. 406,754; Oct. 11. Class 39.

Dunn and McCarthy, Inc., Auburn, N. Y. Shoes. Serial No. 402,295; Oct. 11. Class 39.

Eastern Laboratories, Inc., New York, N. Y. Violet ray apparatus and parts, electrical vibrators, etc. Serial No. 404,889; Oct. 11. Class 44.

Elder Manufacturing Company, St. Louis, Mo. Shirts, collars, pajamas, etc. Serial No. 409,422; Oct. 11. Class 39.

Electric Storage Battery Company, The, Philadelphia, Pa. Storage batteries. Serial Nos. 409,727–8; Oct. 11. Class 21.

Electrovox Company, New York, N. Y. Phonograph needles. Serial No. 409,514; Oct. 11. Class 36.

Esquire-Coronet, Inc., Chicago, Ill. Publication. Serial No. 405,874; Oct. 11. Class 38.

Etsul Synthetic Products. (See Schulte, Joseph A., Jr.)

Everett and Barron Company, Providence, R. I. Shoe dressings. Serial No. 409,683; Oct. 11. Class 4.

Fax Corporation, New York, N. Y. Motor fuels, fuel oils, gasoline greases, etc. Serial No. 408,916; Oct. 11. Class 15.

Felch & Co., Providence, R. I. Jewelry. Serial No. 408,272; Oct. 11. Class 28.

Forstmann Woolen Co., Passaic, N. J. Woolen piece goods. Serial No. 409,424; Oct. 11. Class 42.

Foster Grant Co. Inc., Leominister, Mass. Sungoggles and nose shields. Serial No. 409,768; Oct. 11. Class 26.

Fowler, Le Ray, New York, N. Y. Toys. Serial No. 408,020; Oct. 11. Class 22.

French Kitchen Foods Corporation, Los Angeles, Calif. Onion soup. Serial No. 409,352; Oct. 11. Class 46.

Fruhauf & Musyl, Inc., Carlstadt, N. J. Ladies' hats. Serial No. 408,568; Oct. 11. Class 39.

Gelb, Charlies W., doing business as The Posturite Company, New York, N. Y. Bathing trunks and abdominal belts for ordinary wear. Serial No. 408,537; Oct. 11. Class 39.

General Crushed Stone Company, The, Easton, Pa. Bituminous paving materials. Serial No. 407,805; Oct. 11. Class 12.

General Mills, Inc., Minneapolis, Minn. Newspaper articles. Serial Nos. 405,639–41; Oct. 11. Class 38.

Gillette Safety Razor Company, Boston, Mass. Safety razors and safety razor blades. Serial No. 409,398; Oct. 11. Class 23.

Globe Phone Manufacturing Corporation, New York, N. Y. Electrical hearing aid. Serial No. 407,900; Oct. 11. Class 44.

Globe Roofing Products Co. Inc., Chicago, Ill. Asphalt composition shingles. Serial No. 409,269; Oct. 11. Class 12.

Goldman, Sydney B., Washington, D. C. Smokers' pipes. Serial No. 404,848; Oct. 11. Class 8.

Goldman, Wm. P., & Bros., Inc., New York, N. Y. Men's suits and coats. Serial No. 397,708; Oct. 11. Class 39.

Goldsmith Bros., New York, N. Y. Filing cards, filing guides, folders, etc. Serial No. 409,427; Oct. 11. Class 37.

Goldsmith Bros., New York, N. Y. Filing cards, filing guides, folders, etc. Serial No. 409,519; Oct. 11. Class 37.

Granite Fabrics, Inc., New York, N. Y. Piece goods of cotton, rayon, wool, etc. Serial No. 409,000; Oct. 11. Class 42.

Great Western Foods Co. (See Waples Platter Company.)

Grossman, I., & Son, Inc., New York, N. Y. Women's and misses' coats and suits. Serial No. 407,808; Oct. 11. Class 39.

Hawaiian Pineapple Company, Ltd., Honolulu, Hawaii, and San Francisco, Calif. Canned pineapple. Serial No. 406,131; Oct. 11. Class 46.

Hercules Powder Company, Wilmington, Del. Oil used as a dyeing assistant and penetrant in the dyeing of textiles. Serial No. 408,241; Oct. 11. Class 6.

Hercules Powder Company, Wilmington, Del. Casein, cellulose acetobutyrate, cellulose nitrohydroacetate, etc. Serial No. 408,643; Oct. 11. Class 6.

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Hercules Powder Company, Wilmington, Del. Casein, cellulose acetobutyrate, cellulose nitrohydroacetate, etc. Serial No. 408,645; Oct. 11. Class 6.

High Rock Ginger Ale Company, Baltimore, Md. Beverages, and extracts used in making same. Serial No. 408,105; Oct. 11. Class 45.

Honig, Jack L., Inc., New York, N. Y. Children's dresses. Serial No. 409,571; Oct. 11. Class 39.

Hoover Products Inc., Youngstown, Ohio. Child's rattle. Serial No. 409,736; Oct. 11. Class 22.

Independent Wholesale Dry Goods Assn. Inc., New York, N. Y. Hosiery, sweaters, pants, etc. Serial No. 409,237; Oct. 11. Class 39.

James Manufacturing Company, Fort Atkinson, Wis. Roof ventilators. Serial No. 406,451; Oct. 11. Class 34.

Johns-Manville Corporation, New York, N. Y. Sheet material made from Portland cement. Serial No. 409,097; Oct. 11. Class 12.

Joseph & Feiss Company, The, Cleveland, Ohio. Suits, topcoats, overcoats, etc. Serial No. 408,605; Oct. 11. Class 39.

Keller, Arthur E., doing business as E. Keller & Sons, Allentown, Pa. Silver polish. Serial No. 409,771; Oct. 11. Class 4.

Kinston Textile Mills, Incorporated, Kinston, N. C. Yarn. Serial No. 396,539; Oct. 11. Class 43.

Klein Brothers Fabrics Corporation, New York, N. Y. Piece goods of cotton, silk, rayon, etc. Serial No. 409,319; Oct. 11. Class 42.

Laxer, Louis, Inc., New York, N. Y. Blouses, waists, house coats, etc. Serial No. 407,757; Oct. 11. Class 39.

LaVogue Dress Company, Incorporated, St. Louis, Mo. Dresses. Serial No. 408,804; Oct. 11. Class 39.

Lazier, J. F., Manufacturing Co., Inc., St. Louis, Mo. Extracts and fruit syrups used in the preparation of soft drinks, and beverages made from same. Serial No. 408,112; Oct. 11. Class 45.

Leonard Tissue Company, The, Cambridge, Mass. Toilet tissue and paper towels. Serial No. 408,606; Oct. 11. Class 37.

Les Parfums Worth de Paris, Inc., New York, N. Y. Perfumes, bath salts, astringents, etc. Serial No. 408,650; Oct. 11. Class 6.

Logan Garment Co., Logan, Utah. Suits, hats, dresses, etc. Serial No. 399,191; Oct. 11. Class 39.

Lorraine Manufacturing Company, Pawtucket, R. I., and New York, N. Y. Skirts, waists, suits, etc. Serial No. 409,321; Oct. 11. Class 39.

Louisville Drying Machinery Company, Incorporated, Louisville, Ky. Feeds. Serial No. 399,716; Oct. 11. Class 46.

Macy, R. H., & Co., Inc., New York, N. Y. Rugs, carpets, linens, etc. Serial No. 400,915; Oct. 11. Class 42.

Majestic Knitwear Company, The, Cleveland, Ohio. Skirts, sweaters, and dresses. Serial No. 408,614; Oct. 11. Class 39.

Maltine Company, The, New York, N. Y. Medicinal compounds. Serial No. 408,429; Oct. 11. Class 6.

Mann, Joseph, Boston, Mass. Men's and boys' hosiery. Serial No. 409,046; Oct. 11. Class 39.

Master Chemical Company, Portland, Oreg. Bleacher, cleaner, deodorizer, etc. Serial No. 408,961; Oct. 11. Class 6.

McClure's, Inc., Nashville, Tenn. Wearing apparel. Serial No. 380,783; Oct. 11. Class 39.

McKim, Orville E., doing business as McKim Dental Service, Port Chester, N. Y. Cleansing preparation for artificial dentures. Serial No. 409,050; Oct. 11. Class 4.

Meadowbrook Beverages, Inc., Jamaica, N. Y. Beverages, and sirups and extracts for making the same. Serial No. 409,844; Oct. 11. Class 45.

Merlie Products Corporation, Miami, Fla. Beverage. Serial No. 409,324; Oct. 11. Class 45.

Metals Disintegrating Company, Inc., Union Township, Union County, N. J. Disintegrated metals. Serial No. 409,691; Oct. 11. Class 14.

Mid-States Gummed Paper Co., Chicago, Ill. Gummed paper tape. Serial No. 408,891; Oct. 11. Class 37.

Milano Chemical Company, New York, N. Y. Preparation for the relief of headaches etc. Serial No. 408,392; Oct. 11. Class 6.

Modern Maid Food Products, Brooklyn, N. Y. Prepared flours, hot chocolate powder, etc. Serial No. 397,717; Oct. 11. Class 46.

Monarch Manufacturing Company, Atlanta, Ga. Beverages, and sirups and extracts for making the same. Serial No. 409,845; Oct. 11. Class 45.

Morgan-Sabalol Products, Inc., New York, N. Y. Powder to be dusted on dental plates. Serial No. 409,739; Oct. 11. Class 6.

Moyer Manufacturing Company, The, Youngstown, Ohio. Men's and boy's suits. Serial No. 409,410; Oct. 11. Class 39.

Mumpeton, Richard L., New York, N. Y. Deodorant. Serial No. 408,964; Oct. 11. Class 6.

Mutascio, Joseph, New York, N. Y. Wines. Serial Nos. 409,102–3; Oct. 11. Class 47.

Naamlooze Vennootschap Goedewaagen's Koninklijke Hollandsche Pijpen- en Aardewerkfabrieken, Gouda Netherlands. Pipes. Serial No. 409,433; Oct. 11. Class 8.

National Mineral Company, Chicago, Ill. Hand cream. Serial No. 409,007; Oct. 11. Class 6.

Nelson, Katie, doing business as Calcifo Chemical Co., Monongahela, Pa., and New York, N. Y. Dentifrice. Serial No. 408,893; Oct. 11. Class 6.

Nelson, Margaret M., doing business as C. A. B. Company, Chicago, Ill. Medicated cream, tissue cream, tissue and cleansing cream, etc. Serial No. 407,105; Oct. 11. Class 6.

Newday Seeds, Inc., Fargo, N. Dak. Seeds. Serial No. 403,611; Oct. 11. Class 1.

New Process Company, Warren, Pa. Woolen piece goods. Serial No. 408,125; Oct. 11. Class 42.

New Process Company, Warren, Pa. Topcoats. Serial No. 408,126; Oct. 11. Class 39.

Nolde and Horst Company, The, Reading, Pa. Ladies' hosiery. Serial No. 409,584; Oct. 11. Class 39.

Northmont Hosiery Corporation, Reading, Pa., and New York, N. Y. Hosiery. Serial Nos. 409,053–5; Oct. 11. Class 39.

Oakland Fur Dyeing Co. Inc., New York, N. Y. Dyed furs. Serial No. 402,270; Oct. 11. Class 1.

Old Colony Knitting Mills, Inc., Hingham, Mass. Knitted sweaters. Serial No. 402,867; Oct. 11. Class 39.

Osborne, Beverly, doing business as Beverly's and Beverly's Drive-In, Oklahoma City, Okla. Lunches. Serial No. 407,959; Oct. 11. Class 46.

Palmer Company, The, Norwood, Ohio. Thermometers. Serial No. 409,775; Oct. 11. Class 26.

Parker Rust Proof Company, Detroit, Mich. Chemicals. Serial No. 408,131; Oct. 11. Class 6.

Pennsylvania Distilling Co., Inc., Logansport and Philadelphia, Pa. Whiskey. Serial No. 407,244; Oct. 11. Class 49.

Perlberg & Tannenbaum, Inc., New York, N. Y. Infants' and children's dresses. Serial No. 405,522; Oct. 11. Class 39.

Philadelphia Lawn Mower & Mfg. Co., Philadelphia, Pa. Lawn mowers, sweepers, trimmers and grass collectors. Serial No. 409,282; Oct. 11. Class 23.

Piggly Wiggly Corporation, Cincinnati, Ohio. Soap. Serial No. 409,694; Oct. 11. Class 4.

Pillsbury Flour Mills Company, Minneapolis, Minn. Wheat flour. Serial No. 409,588; Oct. 11. Class 46.

Pittsburgh Plate Glass Company, Pittsburgh, Pa. Paints, paint primers, paint enamels, etc. Serial Nos. 409,776-7; Oct. 11. Class 16.

Posturite Company, The. (See Gelb, Charles W.)

Pyrene Manufacturing Company, Newark, N. J. Portable fire extinguishers. Serial No. 407,918; Oct. 11. Class 23.

Rauft, J. C., Bottling Company, Granite City, Ill. Beverages and syrup for making the same. Serial No. 407,120; Oct. 11. Class 45.

Regal Amber Brewing Company, San Francisco, Calif. Malt beverages. Serial No. 409,621; Oct. 11. Class 48.

Reich, Melvin A., Buffalo, N. Y. Finger rings. Serial No. 408,475; Oct. 11. Class 28.

Rhea Manufacturing Company, Milwaukee, Wis. Dresses. Serial No. 409,622; Oct. 11. Class 39.

Rich Maid Manufacturing Company, Inc., Richmond, Va. Baking powder and coffee. Serial No. 408,676; Oct. 11. Class 46.

Rixson, Oscar C., Co., The, Chicago, Ill. Builders' hardware. Serial No. 407,763; Oct. 11. Class 13.

Robinson Mfg. Company, Inc., Dayton, Tenn. Men's underwear. Serial No. 408,578; Oct. 11. Class 39.

Rowland, Mary Scott, Ltd., New York, N. Y. Face powder, lip stick, pomade, etc. Serial No. 407,563; Oct. 11. Class 6.

Royal Typewriter Company, Inc., New York, N. Y. Typewriting machines and parts thereof. Serial No. 409,901; Oct. 11. Class 23.

Schecter & Rothberg, doing business as Atwell Hosiery Co., New York, N. Y. Hosiery. Serial No. 408,764; Oct. 11. Class 39.

Schulte, Joseph A., Jr., doing business as Etsul Synthetic Products, Detroit, Mich. Cleaning solvent compound. Serial No. 409,625; Oct. 11. Class 4.

Sears, Roebuck and Co., Chicago, Ill. Power tools and metal cutting attachments. Serial No. 380,595; Oct. 11. Class 23.

Sergeant & Nicholoy, Inc., Milwaukee, Wis. Canned vegetables. Serial No. 409,492; Oct. 11. Class 46.

Sheinman, Harry L., & Sons Inc., New York, N. Y. Fabrics of silk. Serial No. 401,790; Oct. 11. Class 42.

Sherriff-Goslin Co., Battle Creek, Mich. Shingles and siding. Serial No. 409,656; Oct. 11. Class 12.

Silverman & Grean, Inc., New York, N. Y. Pelts and skins. Serial Nos. 408,580–1; Oct. 11. Class 1.

Sleetex Company, Inc., The, New York, N. Y. Vehicle windshield wiper blades. Serial No. 408,625; Oct. 11. Class 19.

Spencer, J. W., doing business as Woburn Spencer & Co., New Orleans, La. Liquid preparation for floors. Serial No. 407,475; Oct. 11. Class 4.

"Split" Anonimno društvo za Cement Portland, Split, Yugoslavia. Portland cement. Serial No. 387,955; Oct. 11. Class 12.

State Tire Co., Philadelphia, Pa. Automobile tires. Serial No. 409,065; Oct. 11. Class 35.

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Sterisol Ampoule Corp., Long Island City, N. Y. Equipment for parenteral administration of liquids, accessories therefor and parts thereof. Serial No. 372,441; Oct. 11. Class 44.

Stockholders Publishing Company, Inc., Los Angeles, Calif. Column. Serial No. 408,664; Oct. 11. Class 38.

Stockholders Publishing Company, Inc., Los Angeles, Calif. Column. Serial No. 408,814; Oct. 11. Class 38.

Stron Brewery Company, The, Detroit, Mich. Beer. Serial No. 409,631; Oct. 11. Class 48.

Swan-Finch Oil Corporation, New York, N. Y. Lubricating oils and greases. Serial No. 409,289; Oct. 11. Class 15.

Tampa Drug Company, Tampa, Fla. Powder for use in the treatment of miliaria, scrotal, etc. Serial No. 409,068; Oct. 11. Class 6.

Testagar Laboratories, Inc., Detroit, Mich. Laxative preparation. Serial No. 390,285; Oct. 11. Class 6.

Tilo Roofing Company, Inc., Stratford, Conn. Paints for roofing and siding materials. Serial No. 405,745; Oct. 11. Class 16.

Toby-Clark, Inc., New York, N. Y. Folding chairs. Serial No. 409,715; Oct. 11. Class 32.

Torvic Laboratories, Incorporated, Hagerstown, Md. Pharmaceutical preparation. Serial No. 408,292; Oct. 11. Class 6.

Trojan Playground Equipment Manufacturing Company, St. Cloud, Minn. Playground equipment, fittings and attachments. Serial No. 409,014; Oct. 11. Class 22.

Tuttle, Rosa E., Newark, N. J. Dental casting golds. Serial No. 407,700; Oct. 11. Class 44.

Walkin Shoe Company, Schuylkill Haven, Pa. Boots and shoes. Serial No. 408,590; Oct. 11. Class 39.

Walkonair Corporation, Chicago, Ill. Insoles. Serial No. 406,037; Oct. 11. Class 39.

Waples Platter Company, doing business as Great Western Foods Co., Fort Worth, Tex. Apple butter and jelly, canned black eyed peas, etc. Serial No. 408,909; Oct. 11. Class 46.

Warwick Chemical Company, West Warwick, R. I. Substances to render fabrics spot and perspiration resistant and water repellent. Serial No. 408,866; Oct. 11. Class 6.

Washington Dental Company, Washington, D. C. Dental restorations. Serial Nos. 407,341–4; Oct. 11. Class 44.

Wathen, John A., Distillery Company, Inc., Lebanon and Louisville, Ky. Whiskey. Serial No. 407,347; Oct. 11. Class 49.

Watkins, J. R., Company, The, Winona, Minn. Polishes, polishing waxes and oil. Serial No. 406,610; Oct. 11. Class 16.

Westergaard, Berg-Johnsen Co., Brooklyn, N. Y. Canned anchovies and cup-up spiced herring. Serial No. 408,591; Oct. 11. Class 46.

Wilson Brothers, Chicago, Ill. Men's sport jackets. Serial No. 409,795; Oct. 11. Class 39.

Winkler, Kaspar, & Co., Altstetten, Switzerland. Preparations for adding to cement, plasters, etc. Serial No. 402,883; Oct. 11. Class 12.

Winkler, Kaspar, & Co., Altstetten, Switzerland. Preparations for adding to cement, plasters, etc. Serial No. 405,865; Oct. 11. Class 12.

Youngstown Sheet & Tube Company, The, Youngstown, Ohio. Metal pipes, tubes, and well casings. Serial No. 408,175; Oct. 11. Class 13.

LIST OF REGISTRANTS OF TRADE-MARKS

A. M. I. Distributing Company. (See Automatic Musical Instrument Company.)

Abbott Laboratories, North Chicago, Ill. Vitamin C preparation of cevitamic acid. 361,214; Oct. 11; Serial No. 405,868; published July 26, 1938. Class 6.

Acushnet Process Company, Acushnet, Mass. Golf balls. 361,339–40; Oct. 11; Serial Nos. 407,707–8; published Aug. 2, 1938. Class 22.

American Allsalfe Company, Inc., Buffalo, N. Y. Sweat bands or head bands. 361,232; Oct. 11; Serial No. 406,322; published Aug. 2, 1938. Class 40.

American Disinfecting Co., Inc., Sedalia, Mo. Alkaline detergents, filter soap, etc. 361,152; Oct. 11; Serial No. 406,676; published Aug. 2, 1938. Class 4.

American K. A. T. Corporation, New York, N. Y. Compound to be used with water for removing scale and impurities, etc., in boilers and pipes. 361,180; Oct. 11; Serial No. 403,748; published July 19, 1938. Class 6.

American Pop Corn Company, Sioux City, Iowa. Raw pop corn. 361,157; Oct. 11; Serial No. 401,011; published Feb. 8, 1938. Class 46.

Angel, H. Reeve, & Co. Inc., New York, N. Y. Filter-paper. 123,486–7; renewed Nov. 12, 1938.

Apple Growers Association, Hood River, Oreg. Fresh apples. 361,116; Oct. 11; Serial No. 334,947; published Dec. 28, 1937. Class 46.

Aprilizing Corporation of America, New York, N. Y. Furs. 361,347; Oct. 11. Class 39.

Arlington Packing Corporation, Arlington, Calif. Canned fruits, canned vegetables, and canned fruit juices. 361,264; Oct. 11; Serial No. 406,854; published Aug. 2, 1938. Class 46.

Arnold, Zula L., West Palm Beach, Fla. Medicated fruit. 361,133; Oct. 11; Serial No. 394,365; published July 19, 1938. Class 6.

Arwell, Inc., Waukegan, Ill. Cleansing, deodorizing and fumigating preparation. 361,211; Oct. 11; Serial No. 405,628; published Aug. 2, 1938. Class 6.

Associated Distributors, Inc., Chicago, Ill. Sun-tan lotion and pads impregnated with sun-tan lotion. 361,190; Oct. 11; Serial No. 404,626; published June 28, 1938. Class 6.

Atlas Powder Company, Wilmington, Del. Leather cloth. 361,249; Oct. 11; Serial No. 406,575; published Aug. 2, 1938. Class 50.

Aulick, C. J., Los Angeles, Calif. Playing cards. 361,323; Oct. 11; Serial No. 407,412; published Aug. 2, 1938. Class 22.

Automatic Musical Instrument Company, doing business as A. M. I. Distributing Company, Grand Rapids, Mich., now by change of name, Automatic Instrument Company. Electric massage, vacuum, pressure, atomizer, and vibrator apparatus. 361,122; Oct. 11; Serial No. 389,226; published Apr. 27, 1937. Class 44.

B. C. Leather Co. Ltd., Vancouver, British Columbia, Canada. Golf clubs. 361,364; Oct. 11. Class 22.

Barkan Silk Co. Inc., New York, N. Y. Piece goods. 361,158; Oct. 11; Serial No. 401,045; published Aug. 2, 1938. Class 42.

Bartman, Louis H., doing business as Louis Laboratory, New York, N. Y. Hair rinse. 361,268; Oct. 11; Serial No. 406,901; published July 19, 1938. Class 6.

Bendl, Henri, Inc., New York, N. Y. Perfumes, toilet waters, powders, etc. 361,192; Oct. 11; Serial No. 404,683; published July 19, 1938. Class 6.

Billings & Spencer Company, The, Hartford, Conn. Pliers and hammers. 361,283; Oct. 11; Serial No. 406,956; published Aug. 2, 1938. Class 23.

Blondo, Pete, St. Louis, Mo. General cleaner. 361,191; Oct. 11; Serial No. 404,628; published Aug. 2, 1938. Class 4.

Bloch Brothers Tobacco Co., The, Wheeling, W. Va. Smoking and chewing tobacco. 361,269–73; Oct. 11; Serial Nos. 406,904–8; published Aug. 2, 1938. Class 17.

Bloch Brothers Tobacco Co., The, Wheeling, W. Va. Smoking and chewing tobacco. 361,274; Oct. 11; Serial No. 406,910; published Aug. 2, 1938. Class 17.

Blue Book, Inc. (See Norman, Remington Company, The, assignor.)

Bolser Corporation, The, Cedar Falls, Iowa. Reflector glasses. 361,350; Oct. 11. Class 34.

Bond Stores, Incorporated, New York, N. Y. Suits, overcoats, topcoats, etc. 361,166; Oct. 11; Serial No. 402,409; published July 26, 1938. Class 39.

Booth Fisheries Corporation. (See Lubec Sardine Co., assignor.)

Bourjois, Alexandre N., Paris, France, assignor, by mesne assignments, to Bourjois, Inc., New York, N. Y. Toilet-powders. 15,983; re-renewed Nov. 6, 1938.

Bourjois, Inc., New York, N. Y. Perfume. 361,326; Oct. 11; Serial No. 407,488; published July 26, 1938. Class 6.

Bray Chemical Co., Chicago, Ill. Drain pipe cleaner in crystal form. 361,219; Oct. 11; Serial No. 406,046; published July 19, 1938. Class 6.

Brown, E. C., Company, The, Rochester, N. Y. Juvenile velocipedes and scooters. 361,119; Oct. 11; Serial No. 377,383; published Aug. 2, 1938. Class 22.

Bunyan, Paul, Foods, Inc., Seattle, Wash. Canned fruits, vegetables, berries, etc. 361,136; Oct. 11; Serial No. 396,490; published Aug. 2, 1938. Class 46.

Burndy Engineering Company, Inc., New York, N. Y. Tools for compressing a connector on a cable. 361,302; Oct. 11; Serial No. 407,126; published Aug. 2, 1938. Class 23.

Buscarlet Glove Co. Inc., New York, N. Y. Leather gloves. 361,253; Oct. 11; Serial No. 406,676; published July 26, 1938. Class 39.

Busch, H., & Co. Inc., New York, N. Y. Coffee, tea, rice, etc. 361,137; Oct. 11; Serial No. 396,628; published Jan. 11, 1938. Class 46.

C. W. Prescription Laboratories. (See Wood, Tom S.)

Callaway, W. Elmer, Jersey City, N. J. Shoe polish. 361,357; Oct. 11. Class 4.

Cantor Greenspan Co., Incorporated, New York, N. Y. Piece goods. 361,311–12; Oct. 11; Serial Nos. 407,300–1; published Aug. 2, 1938. Class 42.

Capital City Products Company, The, Columbus, Ohio. Vegetable shortening. 361,306; Oct. 11; Serial No. 407,216; published Aug. 2, 1938. Class 46.
Carbonil Company, The, Oakdale, Pa. Compound for enriching gasoline. 361,221; Oct. 11; Serial No. 406,089; published July 19, 1938. Class 6.
Celluloid Corporation, Newark, N. J. Cellulosic transparent or translucent wrapping and packaging material. 361,246; Oct. 11; Serial No. 406,548; published Aug. 2, 1938. Class 37.
Cement Gun Company, Allentown, Pa. Machines or apparatus for mixing and applying plastic and adhesive materials to structures or other surfaces and parts of such machines. 361,284; Oct. 11; Serial No. 406,958; published Aug. 2, 1938. Class 23.
Certain-Teed Products Corporation, New York, N. Y. Composite board or panel. 361,344; Oct. 11. Class 12.
Champion Paper and Fibre Company, The, Hamilton, Ohio. Printing paper. 361,275–6; Oct. 11; Serial Nos. 406,915–16; published Aug. 2, 1938. Class 37.
Champion Paper and Fibre Company, The, Hamilton, Ohio. Blanks and boards for printing purposes. 361,277; Oct. 11; Serial No. 406,917; published Aug. 2, 1938. Class 37.
Champion Paper and Fibre Company, The, Hamilton, Ohio. Printing paper. 361,278–9; Oct. 11; Serial Nos. 406,918–19; published Aug. 2, 1938. Class 37.
Chauvin, Lucie, Paris, France. Pharmaceutical products. 361,196; Oct. 11; Serial No. 404,749; published Aug. 2, 1938. Class 6.
Chesebrough Manufacturing Company, Consolidated, New York, N. Y. Shampoo. 361,324; Oct. 11; Serial No. 407,423 published July 19, 1938. Class 6.
Chiropody Supply Headquarters, Inc., Chicago, Ill. Electrical drill for use in the art of chiropody. 361,193; Oct. 11; Serial No. 404,687; published Aug. 2, 1938. Class 44.
Chittenden & Eastman Company, Burlington, Iowa. Mattresses and box springs. 361,327; Oct. 11; Serial No. 407,536; published Aug. 2, 1938. Class 32.
Christina, Vincent, Inc., New York, N. Y. Preparation used in the treatment of angina pectoris. 361,288; Oct. 11; Serial No. 407,008; published July 19, 1938. Class 6.
Christina, Vincent, Inc., New York, N. Y. Preparation used in the treatment of arthritis. 361,289; Oct. 11; Serial No. 407,009; published July 19, 1938. Class 6.
Christina, Vincent, Inc., New York, N. Y. Preparation used in the treatment of gonorrhea. 361,290; Oct. 11; Serial No. 407,010; published July 19, 1938. Class 6.
Christina, Vincent, Inc., New York, N. Y. Preparation used in the treatment of hypertension. 361,291; Oct. 11; Serial No. 407,011; published July 19, 1938. Class 6.
Christina, Vincent, Inc., New York, N. Y. Preparations used in the treatment of pneumonia. 361,292; Oct. 11; Serial No. 407,013; published July 19, 1938. Class 6.
Christina, Vincent, Inc., New York, N. Y. Preparation used as a sedative. 361,293; Oct. 11; Serial No. 407,015; published July 19, 1938. Class 6.
Coast Chemical Company, Inc., Los Angeles, Calif. Medicated oils; and cosmetics. 361,247; Oct. 11; Serial No. 406,549; published July 26, 1938. Class 6.
Coach Trailer Co. (See Seaton, Andrew R.)
Cochran, Jacqueline, Chicago, Ill., and Roselle, N. J. Cosmetics and beauty preparations. 361,317; Oct. 11; Serial No. 407,363; published July 19, 1938. Class 6.
Collins-Dietz-Morris Company, Oklahoma City, Okla. Canned goods. 361,285; Oct. 11; Serial No. 406,960; published Aug. 2, 1938. Class 46.
Comins & Co. Inc., Rochdale, Mass. Piece goods. 361,318; Oct. 11; Serial No. 407,366; published Aug. 2, 1938. Class 42.
Commercial Milling Company, Detroit, Mich. Wheat flour. 361,151; Oct. 11; Serial No. 400,667; published Aug. 2, 1938. Class 46.
Container Company, The, Van Wert, Ohio. Shipping drums. 361,365; Oct. 11. Class 2.
Corduroy Rubber Company, Grand Rapids, Mich. Tire casings. 361,313; Oct. 11; Serial No. 407,307; published Aug. 2, 1938. Class 35.
Cosmetic Laboratories. (See Ordel, Charles.)
Cotan Corporation, Wilmington, Del. Coated textile fabrics. 361,265; Oct. 11; Serial No. 406,857; published Aug. 2, 1938. Class 50.
Croce, Michael D., New York, N. Y. Cosmetics. 361,185; Oct. 11; Serial No. 404,069; published Aug. 2, 1938. Class 6.
Crookes Laboratories, Incorporated, New York, N. Y. Medicinal preparation. 361,239; Oct. 11; Serial No. 406,503; published Aug. 2, 1938. Class 6.
Crosley Radio Corporation, The, Cincinnati, Ohio. Vacuum inducing therapeutic apparatus. 361,125; Oct. 11; Serial No. 391,520; published Aug. 31, 1937. Class 44.
Crown Fastener Corporation, Wilmington, Del., and New York, N. Y. Slide fasteners. 361,222; Oct. 11; Serial No. 406,092; published Aug. 2, 1938. Class 12.
Cutino, Edmund D., assignor to The Cutino Company, Kansas City, Mo. Hair-brushes and tooth-brushes. 124,517; renewed Feb. 25, 1939.
Della Croce, Michael. (See Croce, Michael D.)
De Simone Bros. Inc., Brooklyn, N. Y. Olive oil. 361,262; Oct. 11; Serial No. 406,797; published Aug. 2, 1938. Class 46.
Detrola Corporation, Detroit, Mich. Radio receiving sets and component parts. 361,298–300; Oct. 11; Serial Nos. 407,090–2; published Aug. 2, 1938. Class 21.
Devine, David R. C., Philadelphia, Pa. Medical preparation. 361,220; Oct. 11; Serial No. 406,049; published July 26, 1938. Class 6.
De Walt Products Corporation, Lancaster, Pa. Lumber cutting machines. 361,179; Oct. 11; Serial No. 403,679; published Aug. 2, 1938. Class 23.
Dickson, George A., doing business as No Vom Co., Dunsmuir, Calif. Tablets for the treatment of nausea, overindulgence, etc. 361,172; Oct. 11; Serial No. 403,436; published Aug. 2, 1938. Class 6.
Distillation Products, Inc. (See Eastman Kodak Company, assignor.)
Doho Chemical Corporation, The, New York, N. Y. Medicinal compounds. 361,181; Oct 11; Serial No. 403,760 published July 19, 1938. Class 6.
Drannon, Mrs. R. E., also doing business as Jean Norris Laboratories, Los Angeles, Calif. Protective nail coating and a nail enamel. 361,229; Oct. 11; Serial No. 406,282; published July 26, 1938. Class 6.
Duplan Silk Corporation, New York, N. Y. Textile fabrics. 361,314; Oct. 11; Serial No. 407,309; published Aug. 2, 1938. Class 42.
Du Pont, E. I., de Nemours and Company, Wilmington, Del. Ready-mixed paint. 123,110; renewed Oct. 15, 1938.
Dyde, Gerald B., Portland, Oreg. Waterproofing composition for textiles. 361,171; Oct. 11; Serial No. 403,401; published July 26, 1938. Class 6.
Eastman Kodak Company, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic paper. 123,214; renewed Oct. 22, 1938.
Eastman Kodak Company, Jersey City, N. J., and Rochester, N. Y., assignor to Distillation Products, Inc. High boiling oily esters. 361,217; Oct. 11; Serial No. 406,019 published July 26, 1938. Class 6.
Elias Glass Company, The, Hartford, Conn. Mirrors. 361,334; Oct. 11; Serial No. 407,667; published Aug. 2, 1938. Class 32.
Epiphone, Inc., New York, N. Y. Pedal controls for electrically amplified musical instruments. 361,354; Oct. 11. Class 36.
Extermital Chemical Company. (See Westerfield Pharmacal Co., The.)
E-Z-On Dresses Inc., New York, N. Y. Dresses. 361,353; Oct. 11. Class 39.
Fink & Co. Inc., New York, N. Y. Face cream. 361,143; Oct. 11; Serial No. 399,226; published Aug. 2, 1938. Class 6.
Fisk Rubber Corporation, The, Chicopee Falls, Mass. Vehicle tires. 361,319; Oct. 11; Serial No. 407,371; published Aug. 2, 1938. Class 35.
Ford Motor Company, Dearborn, Mich. Radio receiving sets and parts thereof. 361,140; Oct. 11; Serial No. 398,427; published Aug. 2, 1938. Class 21.
Ford Motor Company, Dearborn, Mich. Anti-freeze alcohols and other anti-freeze liquids. 361,142; Oct. 11; Serial No. 399,182; published Aug. 2, 1938. Class 6.
Fowler, L. Ray, New York, N. Y. Dolls, stuffed toys, board games, etc. 361,331–2; Oct. 11; Serial Nos. 407,588–9; published Aug. 2, 1938. Class 22.
Freedman & Company, Harrisburg, Pa. Hosiery, underwear, gloves, etc. 361,165; Oct. 11; Serial No. 402,218; published July 26, 1938. Class 39.
Fried, Louis, doing business as Wm. P. Marion Co., Brooklyn, N. Y. Tooth powder. 361,301; Oct. 11; Serial No. 407,098; published July 19, 1938. Class 6.
Gas-Gun Mfg. Co., The. (See Miller, Milo F.)
Gebr. Krusius. (See Krusius, Erwin.)
Gelke Laboratories, Inc., Indianapolis, Ind. Pharmaceutical preparation. 361,194; Oct. 11; Serial No. 404,699; published July 26, 1938. Class 6.
General Chemical Company, New York, N. Y. Insecticides and fungicides. 361,286; Oct. 11; Serial No. 406,969; published Aug. 2, 1938. Class 6.
General Chemical Company, New York, N. Y. Fungicides. 361,304; Oct. 11; Serial No. 407,186; published July 19, 1938. Class 6.
Geraldine Hat Co., Inc., New York, N. Y. Ladies', misses', and children's hats. 361,216; Oct. 11; Serial No. 405,925; published July 26, 1938. Class 39.
Gerhart, Robert L., to R. L. Gerhart Company, Inc., Lancaster, Pa., successor. Tea, rice, cinnamon, etc. 122,694; renewed Sept. 10, 1938.
Gibboney, T. F., Co. Inc., Reedsville, Pa. Blankets. 361,315; Oct. 11; Serial No. 407,312; published Aug. 2, 1938. Class 42.
Givens, T. C., Blytheville, Ark. Diuretic. 361,120; Oct. 11; Serial No. 383,925; published July 13, 1937. Class 6.
Glidden Company, The, Cleveland, Ohio. Paints, paint enamels, stains, etc. 361,207; Oct. 11; Serial No. 405,498; published Aug. 2, 1938. Class 16.
Globe Knitting Works, Grand Rapids, Mich. Women's and misses' fabric gloves. 361,187; Oct. 11; Serial No. 404,305; published July 26, 1938. Class 39.
Goldwyn Pictures Corporation, New York, N. Y., assignor, by mesne assignments, to Loew's Incorporated, Dover, Del. Moving-picture films. 123,995; renewed Dec. 31, 1938.

Gould, Elizabeth, Brooklyn, N. Y. Shampoo. 361,208; Oct. 11; Serial No. 405,502; published July 26, 1938. Class 6.
Griffith Laboratories, Inc., The, also doing business as Griffith Laboratories, Chicago, Ill. Salt composition. 361,182; Oct. 11; Serial No. 403,915; published Aug. 2, 1938. Class 6.
Gross, Ina, doing business as Gross Medications, Rome, Ga. Preparation for treating eczema, ringworm, athlete's foot, etc. 361,226; Oct. 11; Serial No. 406,253; published July 19, 1938. Class 6.
Hampden Brewing Company, Willimansett, Mass. Ale, mild ale, and porter. 361,153; Oct. 11; Serial No. 400,692; published Aug. 2, 1938. Class 48.
Hand, Allen F., Greenwich, N. Y. Cantaloupes and melons. 361,159; Oct. 11; Serial No. 401,304; published Aug. 2, 1938. Class 46.
Hardwood Products Co., Mayville, Mich., and Guilford, Maine. Wooden spoons, wooden forks and spoons. 361,198; Oct. 11; Serial No. 404,897; published Aug. 2, 1938. Class 23.
Hardy, James G., doing business as James G. Hardy & Co., New York, N. Y. Cotton sheets and pillow cases, cotton sheeting, etc. 361,240; Oct. 11; Serial No. 406,511; published Aug. 2, 1938. Class 42.
Hearn Department Stores, Inc., New York, N. Y. Mirrors. 361,183; Oct. 11; Serial No. 403,917; published Aug. 2, 1938. Class 32.
Heinrich Hermann & Weiss. (See Herrmann, Robert.)
Heinrich Pharmacal Co. (See Pfeiffer, S., Mfg. Co.)
Heller, B., & Company, Chicago, Ill. Preparation for killing bed bugs. 361,215; Oct. 11; Serial No. 405,878; published July 26, 1938. Class 6.
Herrmann, Robert, doing business as Heinrich Hermann & Weiss, New York, N. Y. Toilet sets. 361,212; Oct. 11; Serial No. 405,774; published Aug. 2, 1938. Class 40.
Herward Fabrics Co., New York, N. Y. Rayon and woolen fabrics. 361,162; Oct. 11; Serial No. 401,863; published Aug. 2, 1938. Class 42.
Hill, Frank, doing business as Hill Laboratories, Carterville, Ill. Preparation for the treatment of piles. 361,146; Oct. 11; Serial No. 400,010; published July 19, 1938. Class 6.
Hurst, Adolphe, & Co. Inc., New York, N. Y. Medicament. 361,233; Oct. 11; Serial No. 406,338; published July 26, 1938. Class 6.
Hurst, William A., Avera, Miss. Shampoo preparation. 361,131; Oct. 11; Serial No. 393,808; published July 19, 1938. Class 6.
I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Synthetic rubber and rubber-like materials. 361,255; Oct. 11; Serial No. 406,718; published Aug. 2, 1938. Class 1.
International Salt Company, Inc., New York, N. Y. Salt. 361,345; Oct. 11. Class 46.
Interwoven Stocking Company, New Brunswick, N. J. Hosiery. 361,352; Oct. 11. Class 39.
Jaffe, Esther, Brooklyn, N. Y. Preparation for relieving the discomforts of simple burns, sun burns, etc. 361,251; Oct. 11; Serial No. 406,620; published July 26, 1938. Class 6.
Jamieson, Paul H., doing business as Jamieson Products Co., Redondo Beach, Calif. Compositions employed in photographic pictorial control. 361,234; Oct. 11; Serial No. 406,340; published July 26, 1938. Class 6.
Journal Box Servicing Corporation, Indianapolis, Ind. Machinery comprising an interconnected organization of journal box waste washing and reclaiming mechanisms, etc. 361,227; Oct. 11; Serial No. 406,255; published Aug. 2, 1938. Class 23.
Kaye, John W., San Antonio, Tex. Safety steering wheel. 361,346; Oct. 11. Class 19.
Kenilworth Mfg. Co., Inc., New York, N. Y. Ladies' and girls' sportswear. 361,349; Oct. 11. Class 39.
Koch, Max, Inc., New York, N. Y., now by change of name M. K. Furs, Inc. Fur coats. 361,348; Oct. 11. Class 39.
Koch, Wm. F., doing business as Koch Laboratories, Detroit, Mich. Preparation for allergy-neoplasia-infections. 361,305; Oct. 11; Serial No. 407,188; published July 26, 1938. Class 6.
Kroesen Manufacturing Co., Long Beach, Calif. Sportswear. 361,123; Oct. 11; Serial No. 390,371; published July 26, 1938. Class 39.
Krohn-Fechheimer Co., The, assignor, by mesne assignments, to The United States Shoe Corporation, Cincinnati, Ohio. Ladies' leather shoes. 124,550; renewed Feb. 25, 1939.
Krotoff, René, Paris, France. Pharmaceutical products. 361,141; Oct. 11; Serial No. 398,728; published July 26, 1938. Class 6.
Krusius, Erwin, doing business as Gebr. Krusius, Solingen, Germany. Cutlery. 361,150; Oct. 11; Serial No. 400,388; published Aug. 2, 1938. Class 23.
Lambert Pharmacal Company, Wilmington, Del., and St. Louis, Mo. Effervescent antacid and laxative preparation. 361,197; Oct. 11; Serial No. 404,853; published July 26, 1938. Class 6.
Lambert Pharmacal Company, Wilmington, Del. Tooth paste. 361,228; Oct. 11; Serial No. 406,256; published Aug. 2, 1938. Class 6.
Lamneck Products Inc., Columbus, Ohio. Pre-fabricated air-conveying ducts, furnace casings, etc. 361,230; Oct. 11; Serial No. 406,296; published Aug. 2, 1938. Class 34.
Laucks, I. F., Inc., Seattle, Wash. Paints, varnishes, stains, and lacquers. 361,139; Oct. 11; Serial No. 398,165; published Aug. 2, 1938. Class 16.
Lavett, Anthony E., doing business as Marvolene Company, Los Angeles, Calif. Tonic for the hair and scalp. 361,256; Oct. 11; Serial No. 406,723; published Aug. 2, 1938. Class 6.
Laxa Products Company, Toledo, Ohio. Lubricating laxative emulsions. 361,201; Oct. 11; Serial No. 405,121; published July 19, 1938. Class 6.
Leighton Tobacco Co., Inc., New York, N. Y. Smoking tobacco, cigars, and cigarettes. 361,361; Oct. 11. Class 17.
Lektro Shave Corporation, assignor to Progress Lektro Shave Corporation, New York, N. Y. Motor driven razor. 361,118; Oct. 11; Serial No. 374,087; published Apr. 14, 1936. Class 23.
Letellier-Phillips Paper Company, Inc., New Orleans, La. Wiping cloths. 361,189; Oct. 11; Serial No. 404,567; published Aug. 2, 1938. Class 29.
Loew's Incorporated. (See Goldwyn Pictures Corporation, assignor.)
London House, Ltd., New York, N. Y. Perfume. 361,241; Oct. 11; Serial No. 406,518; published July 26, 1938. Class 6.
Lonsdale Company, Providence, R. I. Cotton goods in the piece. 123,912–13; renewed Dec. 17, 1938.
Louis Laboratory. (See Bartman, Louis H.)
Lowe, Joe, Corporation, New York, N. Y. Frozen confections. 361,236; Oct. 11; Serial No. 406,395; published Aug. 2, 1938. Class 46.
Lowenstein, M., & Sons, Inc., New York, N. Y. Cotton and rayon piece goods. 361,307; Oct. 11; Serial No. 407,232; published Aug. 2, 1938. Class 42.
Lubec Sardine Co., Lubec and Belfast, Maine, assignor to Booth Fisheries Corporation, Chicago, Ill. Canned sardines. 124,462; renewed Feb. 18, 1939.
M. K. Furs, Inc. (See Kock, Max, Inc.)
Mallinckrodt Chemical Works, St. Louis, Mo. Moth killers and roach killers. 361,161; Oct. 11; Serial No. 401,580; published July 19, 1938. Class 6.
Marion, Wm. P., Co. (See Fried, Louis.)
Martin-Senour Co., The, Cleveland, Ohio. Paint solvents, paint reducers, and paint extenders. 361,250; Oct. 11; Serial No. 406,591; published Aug. 2, 1938. Class 16.
Marvolene Company. (See Lavett, Anthony E.)
Massengill Specialties Corporation, The, Bristol, Tenn. Pharmaceutical preparation. 361,308; Oct. 11; Serial No. 407,235; published July 26, 1938. Class 6.
McKesson & Robbins, Incorporated, New York, N. Y., assignor to McKesson & Robbins, Incorporated, Bridgeport, Conn. Cod-liver oil. 122,720; renewed Sept. 10, 1938.
Mead Paperboard Corporation, Wilmington, Del., assignor to The Mead Corporation, Chillicothe, Ohio. Preparation containing tannin extract for use in manufacture of brick, tile, etc. 361,117; Oct. 11; Serial No. 366,669; published Nov. 2, 1937. Class 6.
Middleton, John, Inc., Philadelphia, Pa. Smoking tobacco. 361,177; Oct. 11; Serial No. 403,600; published Aug. 2, 1938. Class 17.
Miller, John Henry, Inc., New York, N. Y. Mineral oil. 361,296; Oct. 11; Serial No. 407,070; published July 26, 1938. Class 6.
Miller, Milo F., doing business as The Gas-Gun Mfg. Co., Kansas City, Mo. Rat poison. 361,333; Oct. 11; Serial No. 407,600; published July 26, 1938. Class 6.
Minard's Liniment Manufacturing Company, now by change of name to Minard Company, Framingham, Mass. Cleansing and polishing preparation. 122,804; renewed Sept. 17, 1938.
Monarch Sanitary Products, Inc., New York, N. Y. Toilet seats. 361,206; Oct. 11; Serial No. 405,456; published Aug. 2, 1938. Class 13.
Monroe Chemical Company, Quincy, Ill. Preparation for the bath. 361,178; Oct. 11; Serial No. 403,605; published Aug. 2, 1938. Class 6.
Morreale, Angelo S., Los Angeles, Calif. Board game. 361,335; Oct. 11; Serial No. 407,679; published Aug. 2, 1938. Class 22.
Moto-Vita Co. (See Russo, Salvatore.)
National Cash Register Company, The, Dayton, Ohio. Cash registers, credit registers, autographic registers, etc. 361,225; Oct. 11; Serial No. 406,144; published Aug. 2, 1938. Class 26.
National Co-Operatives, Inc., Indianapolis, Ind. Electric refrigerators. 361,160; Oct. 11; Serial No. 401,445; published Aug. 2, 1938. Class 31.
Nestor Johnson Manufacturing Company, Chicago, Ill. Ice skates and skate outfits. 361,297; Oct. 11; Serial No. 407,071; published Aug. 2, 1938. Class 22.
Nickel-Chromium Plating Corporation, Chicago, Ill., now by change of name Portable Plating and Equipment Company. Electroplating apparatus. 361,169; Oct. 11; Serial No. 403,276; published Aug. 2, 1938. Class 21.
Nolan, Stanley, doing business as Wanda Laboratories, Cleveland, Ohio. Bitters. 361,213; Oct. 11; Serial No. 405,818; published July 19, 1938. Class 6.

Norman, Remington Company, The, assignor, by mesne assignments, to Blue Book, Inc., Baltimore, Md. Social registers or social directories. 124,260; renewed Jan. 28, 1939.
Norris, Jean, Laboratories. (See Drannon, Mrs. R. E.)
North American Paint & Chemical Co., Ltd., Los Angeles, Calif. Varnish. 361,363; Oct. 11. Class 16.
Northwest Paper Company, The, Cloquet, Minn. Paper. 361,144; Oct. 11; Serial No. 399,469; published Aug. 2, 1938. Class 37.
No Vom Co. (See Dickson, George A.)
Oettermann, Gustav, San Antonio, Tex. Eyelash preparation. 361,135; Oct. 11; Serial No. 394,752; published July 19, 1938. Class 6.
Olden Minerals, Incorporated, Los Angeles, Calif. Pharmaceutical preparations. 361,205; Oct. 11; Serial No. 405,404; published Aug. 2, 1938. Class 6.
Olden Minerals, Incorporated, Los Angeles, Calif. Pharmaceutical preparations. 361,325; Oct. 11; Serial No. 407,467; published July 26, 1938. Class 6.
One-Spot Company. (See Simpson, Willis E.)
Ordel, Charles, doing business as Cosmetic Laboratories, South Beach, N. Y. Face powders. 361,252; Oct. 11; Serial No. 406,652; published July 26, 1938. Class 6.
Oweno Laboratories, East Cleveland, Ohio. Ointment. 361,188; Oct. 11; Serial No. 404,482; published July 19, 1938. Class 6.
Pacific Trading Company, San Francisco, Calif. Noodles. 361,257; Oct. 11; Serial No. 406,727; published Aug. 2, 1938. Class 46.
Paragon Distributing Corp., New York, N. Y. Shampoo. 361,223; Oct. 11; Serial No. 406,098; published Aug. 2, 1938. Class 6.
Paramount Distilling Corporation, Chicago, Ill. Whiskey. 361,310; Oct. 11; Serial No. 407,279; published Aug. 2, 1938. Class 49.
Parsons-Faulkner Co. Inc., The, Ashland, Ky. Suits, overcoats, hats, etc. 361,164; Oct. 11; Serial No. 401,944; published July 26, 1938. Class 39.
Patek & Co., San Francisco, Calif. Neutralizing agent. 361,280; Oct. 11; Serial No. 406,938; published Aug. 2, 1938. Class 6.
Pfeiffer, S., Mfg. Co., doing business as Heinrich Pharmacal Co., St. Louis, Mo. Medicinal solution for darkening gray and fading hair. 361,336; Oct. 11; Serial No. 407,685; published July 26, 1938. Class 6.
Pharis Tire and Rubber Company, The, Newark, Ohio. Rubber and rubber-containing pneumatic tires and tubes. 361,127; Oct. 11; Serial No. 392,162; published Aug. 2, 1938. Class 35.
Physicians & Hospitals Supply Company, Inc., doing business as Ulmer Pharmacal Company, Minneapolis, Minn. Medicinal preparation. 361,149; Oct. 11; Serial No. 400,249; published July 19, 1938. Class 6.
Pollack, Max, & Company, Inc., New York, N. Y. Thread. 361,356; Oct. 11. Class 43.
Polstray Co., Inc., New York, N. Y. Preparation for relief of piles. 361,337; Oct. 11; Serial No. 407,686; published July 26, 1938. Class 6.
Portable Plating and Equipment Company. (See Nickel-Chromium Plating Corporation.)
Progress Lektro Shave Corporation. (See Lektro Shave Corporation, assignor.)
Pure Oil Company, The, Chicago, Ill. Protective coating material. 361,132; Oct. 11; Serial No. 394,050; published Aug. 2, 1938. Class 6.
Purex Corporation, Ltd., South Gate, Calif. Drain opener and toilet bowl cleanser. 361,303; Oct. 11; Serial No. 407,159; published July 26, 1938. Class 6.
Quality Premium Distributors, Incorporated, Philadelphia, Pa. Cards which are used in the playing of a game. 361,241; Oct. 11; Serial No. 407,818; published Aug. 2, 1938. Class 22.
Quality Sales Company, doing business as Roley Poley Manufacturing Company, Chicago, Ill. Furniture slip covers. 361,328; Oct. 11; Serial No. 407,558; published Aug. 2, 1938. Class 32.
Randolph Drug Co., The, Detroit, Mich. Deodorant. 361,130; Oct. 11; Serial No. 392,939; published July 19, 1938. Class 6.
Regas, George S., doing business as G. S. Regas Co., Chicago, Ill. Preparation for removing dandruff and for the treatment of itching scalp. 361,173; Oct. 11; Serial No. 403,522; published Aug. 2, 1938. Class 6.
Remington Typewriter Company, Ilion and New York, assignor to The Smith Premier Typewriter Company, Buffalo, N. Y. Type-writer ribbons and carbon-paper. 123,158; renewed Oct. 15, 1938.
Reza & Reza, Oceanside, Calif. General tonic. 361,121; Oct. 11; Serial No. 382,569; published Aug. 2, 1938. Class 6.
Rite Products, Inc., New York, N. Y. Shoe-lacings. 361,176; Oct. 11; Serial No. 403,562; published Aug. 2, 1938. Class 40.
Roche-Organon, Inc., Nutley, N. J. Medicinal preparation. 361,309; Oct. 11; Serial No. 407,249; published July 26, 1938. Class 6.
Röhm & Haas Company, Philadelphia, Pa. Water soluble resinous materials. 361,329; Oct. 11; Serial No. 407,562; published July 26, 1938. Class 6.
Roley Poley Manufacturing Company. (See Quality Sales Company.)
Rosemary Creamery, Inc., Atlanta, Ga. Processed butter. 361,184; Oct. 11; Serial No. 403,963; published Aug. 2, 1938. Class 46.
Roux, Félix C., Malakoff, France. Organotherapeutic products. 361,155; Oct. 11; Serial No. 400,879; published Aug. 2, 1938. Class 6.
Russo, Salvatore, doing business as Moto-Vita Co., New York, N. Y. Aperitive tonics and stomachics. 361,129; Oct. 11; Serial No. 392,891; published July 26, 1938. Class 6.
Ryerson-Bunty, Inc., New York, N. Y. Yarns. 361,351; Oct. 11. Class 43.
Sample, Elwin C., Lakeland, Fla. Eggs. 361,260; Oct. 11; Serial No. 406,776; published Aug. 2, 1938. Class 46.
Samson-United Corporation, Rochester, N. Y. Electric flat-iron. 361,287; Oct. 11; Serial No. 406,999; published Aug. 2, 1938. Class 21.
Sanders, Frank S., doing business as Sanders Laboratories, West Palm Beach, Fla. Powder for headache, neuralgia, etc. 361,238; Oct. 11; Serial No. 406,469; published Aug. 2, 1938. Class 6.
Schaefer's Incorporated, doing business as Tu-Way Products Company, Detroit, Mich. Dust mops, dust mop frames, dust mop heads, and parts thereof. 361,359–60; Oct. 11. Class 29.
Schmid, Julius, Inc., New York, N. Y. Douche powder. 361,124; Oct. 11; Serial No. 390,811; published July 26, 1938. Class 6.
Scott & Bowne, Bloomfield, N. J. Vaginal antiseptic. 361,224; Oct. 11; Serial No. 406,103; published July 26, 1938. Class 6.
Seagren, Carl E., New York, N. Y. Cakes. 361,294–5; Oct. 11; Serial Nos. 407,035–6; published Aug. 2, 1938. Class 46.
Sealed Power Corporation, Muskegon, Mich. Piston rings. 361,338; Oct. 11; Serial No. 407,693; published Aug. 2, 1938. Class 35.
Seaton, Andrew R., doing business as Coach Trailer Co., Los Angeles, Calif. Trailers. 361,134; Oct. 11; Serial No. 394,640; published Aug. 2, 1938. Class 19.
Sethness, C. O. and W. D., Co., Chicago, Ill. Beverages and extracts for making nonalcoholic carbonated beverages. 361,145; Oct. 11; Serial No. 399,777; published Jan. 25, 1938. Class 45.
Shelfield Company, The, New York, N. Y., and New London, Conn. Tooth paste and tooth powder. 361,128; Oct. 11; Serial No. 392,610; published July 26, 1938. Class 6.
Siegal, Irving J., doing business as Sport-Grip Mfg. Co. (not inc.), Chicago, Ill. Material in paste form applied to the hands to provide a non-slipping hold. 361,170; Oct. 11; Serial No. 403,279; published Aug. 2, 1938. Class 4.
Simpson, Willis E., doing business as One-Spot Company, Elkridge, Md. Preparation for killing rats. 361,163; Oct. 11; Serial No. 401,909; published July 19, 1938. Class 6.
Sioux Honey Association, Cooperative, doing business as Western Honey Producers, Sioux City, Iowa. Honey. 361,281; Oct. 11; Serial No. 406,948; published Aug. 2, 1938. Class 46.
Sitton, William N., St. Louis, Mo. Women's shoes. 361,218; Oct. 11; Serial No. 406,039; published July 26, 1938. Class 39.
Smith Premier Typewriter Company, The. (See Remington Typewriter Company, assignor.)
Société à Responsabilité Limitée Williot Fils. (See Williot, Mrs. J., Fils, assignor.)
Societe Anonyme Chimie & Atomistique, Paris, France. Preparation for the treatment of streptococcus infections. 361,242; Oct. 11; Serial No. 406,529; published Aug. 2, 1938. Class 6.
Sport-Grip Mfg. Co. (not inc.) (See Siegal, Irving J.)
Staley, A. E., Manufacturing Company, Decatur, Ill. Thin boiling starch. 361,266; Oct. 11; Serial No. 406,888; published Aug. 2, 1938. Class 6.
Standard Oil Company of California, Wilmington, Del., and San Francisco, Calif. Volatile odorant. 361,174; Oct. 11; Serial No. 403,527; published June 21, 1938. Class 6.
Stauffer Chemical Company of Texas, Freeport, Tex., and New York, N. Y. Sulphur. 361,200; Oct. 11; Serial No. 405,085; published July 19, 1938. Class 6.
Staynew Filter Corporation, Rochester, N. Y. Filtering materials. 361,156; Oct. 11; Serial No. 400,886; published Aug. 2, 1938. Class 31.
Stebenne, Chester J., Denver, Colo. Automobile cleaning and polishing preparations. 361,245; Oct. 11; Serial No. 406,540; published Aug. 2, 1938. Class 16.
Stephenson, Reuben M., doing business as Stephenson Air Brush Painting Company, Oakland, Calif. Testing apparatus. 361,167; Oct. 11; Serial No. 402,490; published Aug. 2, 1938. Class 26.
Stewartstown Furniture Company, Stewartstown, Pa. Furniture. 361,138; Oct. 11; Serial No. 397,522; published Aug. 2, 1938. Class 32.
Stifel, J. L., & Sons, Inc., Wheeling, W. Va. Cotton suitings in the piece. 361,248; Oct. 11; Serial No. 406,570; published Aug. 2, 1938. Class 42.
Stok-A-Fire Company, Inc., University City, Mo. Automatic coal stokers. 361,362; Oct. 11. Class 34.
Stowe Supply Company, now by change of name to Stowe Hardware & Supply Co., Kansas City, Mo. Cutlery, machinery, and tools and parts thereof. 123,660; renewed Nov. 19, 1938.

Strathmore Paper Company, West Springfield, Mass. Bond paper. 361,186; Oct. 11; Serial No. 404,139; published Aug. 2, 1938. Class 37.
Strong, Hewat & Co., Inc., North Adams, Mass., and New York, as Strong Hewat & Company, Inc., New York, N. Y. Woolen piece goods. 124,595; renewed Feb. 25, 1939.
Stylepark Hats, Inc., Camden, N. J. Hats and caps. 361,195; Oct. 11; Serial No. 404,731; published July 26, 1938. Class 39.
Sulfor-Ex Company, Inc., New York, N. Y. Preparation for the relief of certain skin irritations. 361,243; Oct. 11; Serial No. 406,533; published July 19, 1938. Class 6.
Sunshine, John, Chemical Co., Inc., Chicago, Ill. Drain pipe cleaner. 361,209; Oct. 11; Serial No. 405,624; published Aug. 2, 1938. Class 6.
Swiss Importing Co., Inc., New York, N. Y. Bath oil and cologne. 361,202; Oct. 11; Serial No. 405,274; published July 19, 1938. Class 6.
Taff, Harry, Chicago, Ill. Covers for garment hangers. 361,355; Oct. 11. Class 50.
Thomas & Waiters, Incorporated, Los Angeles, Calif. Compound for the treatment of gastro-intestinal disturbances. 361,282; Oct. 11; Serial No. 406,951; published Aug. 2, 1938. Class 6.
Tobin, Richard R., doing business as R. R. Tobin Tobacco Co., Detroit, Mich. Smoking and chewing tobacco. 361,267; Oct. 11; Serial No. 406,900; published Aug. 2, 1938. Class 17.
Towhill, Winifred A., Melrose, Mass. Belts, sweaters, sport suits, etc. 361,210; Oct. 11; Serial No. 405,625; published July 26, 1938. Class 39.
Tu-Way Products Company. (See Schaefer's Incorporated.)
Ulmer Pharmacal Company. (See Physicians & Hospitals Supply Company.)
United Distributors, Incorporated, Louisville, Ky. General tonic and laxative. 361,154; Oct. 11; Serial No. 400,810; published July 19, 1938. Class 6.
United Distributors, Inc., Louisville, Ky. Preparation for restoring color to the hair. 361,203; Oct. 11; Serial No. 405,334; published Aug. 2, 1938. Class 6.
United Distributors, Inc., Louisville, Ky. Hair shampoo. 361,204; Oct. 11; Serial No. 405,335; published Aug. 2, 1938. Class 6.
United States Rubber Products, Inc., New York, N. Y. Sheets or slabs of vulcanized sponge rubber. 361,258; Oct. 11; Serial No. 406,740; published Aug. 2, 1938. Class 1.
United States Shoe Corporation, The. (See Krohn-Fechheimer Co., The, assignor.)
Vanderbilt, R. T., Company, Inc., New York, N. Y. Lead dimethyldithiocarbamate. 361,261; Oct. 11; Serial No. 406,789; published Aug. 2, 1938. Class 6.
Vatco Mfg. Co., Boston, Mass. Automobile seat covers. 361,244; Oct. 11; Serial No. 406,536; published Aug. 2, 1938. Class 19.
Vigder Bros., Inc., New York, N. Y. Fur coats and fur collars. 361,358; Oct. 11. Class 39.
Walker, Hiram, & Sons Inc., Peoria, Ill. Whiskey. 361,126; Oct. 11; Serial No. 392,116; published June 8, 1937. Class 49.
Wamsutta Mills, New Bedford, Mass. Cotton piece goods. 361,320; Oct. 11; Serial No. 407,403; published Aug. 2, 1938. Class 42.
Wamsutta Mills, New Bedford, Mass. Shirts, shorts, and pajamas. 361,343; Oct. 11. Class 39.
Wanda Laboratories. (See Nolan, Stanley.)
Ward, Margarete. (See Winfield, Margarete W.)
Wathen Brothers, Bardstown, Ky. Whiskey, gin, rum, etc. 361,342; Oct. 11; Serial No. 408,141; published Aug. 9, 1938. Class 49.
Wayne Candies, Inc., Fort Wayne, Ind. Candy. 361,168; Oct. 11; Serial No. 403,228; published Aug. 2, 1938. Class 46.
Webb Laboratories, Inc., Schenectady, N. Y. Vitamin capsules. 361,235; Oct. 11; Serial No. 406,359; published Aug. 2, 1938. Class 6.
Wells-Lamont Manufacturing Company, Minneapolis, Minn., now by change of name to Wells Lamont Smith Corporation, Chicago, Ill. Gloves and mittens. 124,275; renewed Jan. 28, 1939.
Westerfield Pharmacal Co., The, doing business as Extermital Chemical Company, Dayton, Ohio. Insecticides. 361,237; Oct. 11; Serial No. 406,407; published July 26, 1938. Class 6.
Western Honey Producers. (See Sioux Honey Association, Cooperative.)
Whittemore Brothers, Corporation, Cambridge, Mass. Dressing. 124,628–9; renewed Feb. 25, 1939.
Williams, J. P., & Son, Lynn, Mass. Preparation for the treatment of pyorrhea. 361,147; Oct. 11; Serial No. 400,075; published Aug. 2, 1938. Class 6.
Williot, Mrs. J., Fils, La Garenne-Colombes, assignor, by mesne assignments, to Société à Responsabilité Limitée Williot Fils, Neuilly-sur-Seine, Seine, France. Chicory. 122,120; renewed June 25, 1938.
Williot, Mrs. J., Fils, La Garenne-Colombes, assignor, by mesne assignments, to Société à Responsabilité Limitée Williot Fils, Neuilly-sur-Seine, Seine, France. Chicory. 122,940; renewed Sept. 24, 1938.
Willits Shoe Company, Halifax, Pa. Shoes. 361,231; Oct. 11; Serial No. 406,317; published July 26, 1938. Class 39.
Wilson Distilling Co. Inc., Bristol, Pa. Whiskey. 361,321–2; Oct. 11; Serial Nos. 407,406–7; published Aug. 2, 1938. Class 49.
Winfield, Margarete W., doing business as Margarete Ward, Los Angeles, Calif. Card fortune telling games. 361,199; Oct. 11; Serial No. 404,924; published Aug. 2, 1938. Class 22.
Wolbrueck, H. H., & Company, Bartlett, Tex. Medicinal preparation for poultry. 361,175; Oct. 11; Serial No. 403,531; published Aug. 2, 1938. Class 6.
Wolf, Jacques, & Co., Clifton, N. J. Compound for use in the leather industry. 361,263; Oct. 11; Serial No. 406,845; published July 19, 1938. Class 6.
Wolf, William, Newark, N. J. Shoe cleaning fluid, shoe polish, shaving cream, etc. 361,148; Oct. 11; Serial No. 400,216; published Aug. 2, 1938. Class 4.
Wood, Tom S., doing business as C. W. Prescription Laboratories, Fort Worth, Tex. Medicine for treatment of diabetes. 361,259; Oct. 11; Serial No. 406,741; published Aug. 2, 1938. Class 6.
Zendico Hygine Products Company, New York, N. Y. Educational toy kits. 361,330; Oct. 11; Serial No. 407,572; published Aug. 2, 1938. Class 22.
Zimarva Co., The. (See Zimmerman, Roy.)
Zimmerman, Roy, doing business as The Zimarva Co., Compton, Calif. Liniment and salve. 361,316; Oct. 11; Serial No. 407,349; published Aug. 2, 1938. Class 6.

LIST OF REGISTRANTS OF LABELS

Booth, E. Ellsworth, Pomona, Calif. Booth Board. For Boards. 51,914; Oct. 11.
Cockett, Marguerite S., Cooperstown, N. Y. Dog-Ease. For a Tonic for all Dogs Afflicted with Skin Irritation Due to Hot Weather. 51,915; Oct. 11.
Comfort Paper Corporation, San Francisco, Calif. Family-Pak Zee Ivory White Tissue. For Toilet Tissue. 51,916; Oct. 11.
Dobeckmum Company, The, Cleveland, Ohio. Donuts, Delicious, Wholesome. For Doughnuts. 51,917; Oct. 11.
Dobeckmum Company, The, Cleveland, Ohio. Crisp Pop Corn. For Pop-Corn. 51,918; Oct. 11.
Egg-Safety Carton Corporation, New York, N. Y. One Dozen Eggs. For Eggs. 51,919; Oct. 11.
Flexible Steel Lacing Company, Chicago, Ill. V Belt Fasteners For "C" Section "V" Belts. For Flexible Fasteners or Connectors for the Ends of V or Side Driving Belts. 51,920; Oct. 11.
Flexible Steel Lacing Company, Chicago, Ill. V Belt Fasteners for Special "F" Section Railway Air Conditioning "V" Belts. For Flexible Fasteners or Connectors for the Ends of V or Side Driving Belts. 51,921; Oct. 11.
Levenson, Max, Pittsburgh, Pa. O'Leary's Private Stock. For Blended Whiskey. 51,922; Oct. 11.
Menasha Products Company, Menasha, Wis. Menasha Bread. For Bread. 51,923; Oct. 11.
Mueller, William F., St. Louis, Mo. Morning Milk. For Milk. 51,924; Oct. 11.
Silver Star Bedding Co., Chicago, Ill. Downy Rest. For Mattresses. 51,925; Oct. 11.
Sonneborn, L., Sons, Inc., New York, N. Y. "Tomorrow's Oil . . . Today!" For a Motor Oil. 51,926; Oct. 11.
Strickler, Ellis B., Yorkana, Pa. World's Fair. For Cigars. 51,927; Oct. 11.
Union Bag & Paper Corporation, New York, N. Y. Design 177. For Coffee. 51,928; Oct. 11.
Valento, Carlos, Hollywood Beauty Center, Inc., Los Angeles, Calif. Champagne-Glo. For a Preparation for Coloring the Hair. 51,929; Oct. 11.

LIST OF REGISTRANTS OF PRINTS

Alwarth Chemical Corporation, New York, N. Y. Solder in a Silk Hat No Cleaning No Filing No Scraping No Sanding Always Ask for Silk Hat Brand. For Soldering Flux. 17,065; Oct. 11.

Cream of Wheat Corporation, The, Minneapolis, Minn. Going Down! For Wheat Breakfast Food. 17,066; Oct. 11.

Cream of Wheat Corporation, The, Minneapolis, Minn. 43 Years of Thriving Babies Prove Its Perfect Digestibility. For Wheat Breakfast Food. 17,067; Oct. 11.

Crown Zellerbach Corporation, doing business as National Paper Products, Division of Crown Zellerbach Corporation, San Francisco, Calif., and New York, N. Y. Tymatic Towels. For Paper Towels. 17,068; Oct. 11.

Eskimo Pie Corporation, Bloomfield, N. J. Eskimo Premiums. For Frozen Confections. 17,069; Oct. 11.

Holmes, D. H., Co., Ltd., New Orleans, La. Flaky Malted Freeze. For a Fountain Drink. 17,070; Oct. 11.

National Paper Products, Division of Crown Zellerbach Corporation. (See Crown Zellerbach Corporation.)

National Silver Company, New York, N. Y. Introducing Double Tested Silver Plate. For Silver Plated Flatware. 17,071; Oct. 11.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Rubber and rubber-like material, Synthetic. I. G. Farbenindustrie Aktiengesellschaft. 361,255; Oct. 11; Serial No. 406,718; published Aug. 2, 1938.

Rubber, Sheets or slabs of vulcanized sponge. United States Rubber Products, Inc. 361,258; Oct. 11; Serial No. 406,740; published Aug. 2, 1938.

CLASS 2

Drums, Shipping. Container Company. 361,365; Oct. 11.

CLASS 4

Cleaner, General. P. Biondo. 361,191; Oct. 11; Serial No. 404,628; published Aug. 2, 1938.

Cleaning fluid, shoe polish, shaving cream, etc., Shoe. W. Wolf. 361,148; Oct. 11; Serial No. 400,216; published Aug. 2, 1938.

Detergents, filter soap, etc., Alkaline. American Disinfecting Co. 361,152; Oct. 11; Serial No. 400,676; published Aug. 2, 1938.

Dressing. Whittemore Brothers, Corporation. 124,628–9; renewed Feb. 25, 1939.

Material in paste form applied to the hands to provide a non-slipping hold. I. J. Siegal. 361,170; Oct. 11; Serial No. 403,279; published Aug. 2, 1938.

Polish, Shoe. W. E. Callaway. 361,357; Oct. 11.

CLASS 6

Alcohols and other anti-freeze liquids, Anti-freeze. Ford Motor Company. 361,142; Oct. 11; Serial No. 399,182; published Aug. 2, 1938.

Antacid and laxative preparations, Effervescent. Lambert Pharmacal Company. 361,197; Oct. 11; Serial No. 404,853; published July 26, 1938.

Antiseptic, Vaginal. Scott & Bowne. 361,224; Oct. 11; Serial No. 406,103; published July 26, 1938.

Bath oil and cologne. Swiss Importing Co. 361,202; Oct. 11; Serial No. 405,274; published July 19, 1938.

Bitters. S. Nolan. 361,213; Oct. 11; Serial No. 405,818; published July 19, 1938.

Cleaner, Drain pipe. John Sunshine Chemical Co. 361,209; Oct. 11; Serial No. 405,624; published Aug. 2, 1938.

Cleaner in crystal form, Drain pipe. Bray Chemical Co. 361,219; Oct. 11; Serial No. 406,046; published July 19, 1938.

Cleansing, deodorizing and fumigating preparations. Arwell, Inc. 361,211; Oct. 11; Serial No. 405,628; published Aug. 2, 1938.

Coating material, Protective. Pure Oil Company. 361,132; Oct. 11; Serial No. 394,050; published Aug. 2, 1938.

Cod-liver oil. McKesson & Robbins, Incorporated. 122,720; renewed Sept. 10, 1938.

Compositions employed in photographic pictorial control. P. H. Jamison. 361,234; Oct. 11; Serial No. 406,340; published July 26, 1938.

Compound for enriching gasoline. Carbonil Company. 361,221; Oct. 11; Serial No. 406,089; published July 19, 1938.

Compound for the treatment of gastro-intestinal disturbances. Thomas & Walters, Incorporated. 361,282; Oct. 11; Serial No. 406,951; published Aug. 2, 1938.

Compound for use in the leather industry. Jacques Wolf & Co. 361,263; Oct. 11; Serial No. 406,845; published July 19, 1938.

Compound to be used with water for removing scale and impurities, etc., in boilers and pipes. American K. A. T. Corporation. 361,180; Oct. 11; Serial No. 403,748; published July 19, 1938.

Cosmetics. M. D. Croce. 361,185; Oct. 11; Serial No. 404,069; published Aug. 2, 1938.

Cosmetics and beauty preparations. J. Cochran. 361,317; Oct. 11; Serial No. 407,363; published July 19, 1938.

Cream, Face. Fink & Co. Inc. 361,143; Oct. 11; Serial No. 399,226; published Aug. 2, 1938.

Deodorant. Randolph Drug Co. 361,130; Oct. 11; Serial No. 392,939; published July 19, 1938.

Diuretic. T. C. Givens. 361,120; Oct. 11; Serial No. 383,925; published July 13, 1937.

Drain opener and toilet bowl cleanser. Purex Corporation. 361,303; Oct. 11; Serial No. 407,159; published July 26, 1938.

Esters, High boiling oily. Eastman Kodak Company. 361,217; Oct. 11; Serial No. 406,019; published July 26, 1938.

Eyelash preparation. G. Oettermann. 361,135; Oct. 11; Serial No. 394,752; published July 19, 1938.

Fungicides. General Chemical Company. 361,304; Oct. 11; Serial No. 407,186; published July 19, 1938.

Hair rinse. L. H. Bartman. 361,268; Oct. 11; Serial No. 406,901; published July 19, 1938.

Insecticides. Westerfield Pharmacal Co. 361,237; Oct. 11; Serial No. 406,407; published July 26, 1938.

Insecticides and fungicides. General Chemical Company. 361,286; Oct. 11; Serial No. 406,969; published Aug. 2, 1938.

Laxative emulsion, Lubricating. Laxa Products Company. 361,201; Oct. 11; Serial No. 405,121; July 19, 1938.

Lead dimethyldithiocarbamate. R. T. Vanderbilt Company. 361,261; Oct. 11; Serial No. 406,789; published Aug. 2, 1938.

Liniment and salve. R. Zimmerman. 361,316; Oct. 11; Serial No. 407,349; Aug. 2, 1938.

Lotion and pads impregnated with sun-tan lotion, Suntan. Associated Distributors, Inc. 361,190; Oct. 11; Serial No. 404,626; published June 28, 1938.

Medicament. Adolphe Hurst & Co. Inc. 361,233; Oct. 11; Serial No. 406,338; published July 26, 1938.

Medicated fruit. Z. L. Arnold. 361,133; Oct. 11; Serial No. 394,365; published July 19, 1938.

Medicine for treatment of diabetes. T. S. Wood. 361,259; Oct. 11; Serial No. 406,741; published Aug. 2, 1938.

Medicinal compounds. Doho Chemical Corporation. 361,181; Oct. 11; Serial No. 403,760; published July 19, 1938.

Medicinal preparation. Crookes Laboratories, Incorporated. 361,239; Oct. 11; Serial No. 406,503; published Aug. 2, 1938.

Medical preparation. D. R. C. Devine. 361,220; Oct. 11; Serial No. 406,049; published July 26, 1938.

Medicinal preparation. Physicians & Hospitals Supply Company. 361,149; Oct. 11; Serial No. 400,249; published July 19, 1938.

Medicinal preparation. Roche-Organon, Inc. 361,309; Oct. 11; Serial No. 407,249; published July 26, 1938.

Medicinal preparation for poultry. H. H. Wolbrueck & Company. 361,175; Oct. 11; Serial No. 403,531; published Aug. 2, 1938.

Medicinal solution for darkening gray and fading hair. S. Pfeiffer Mfg. Co. 361,366; Oct. 11; Serial No. 407,685; published July 26, 1938.

Moth killers and roach killers. Mallinckrodt Chemical Works. 361,161; Oct. 11; Serial No. 401,580; published July 19, 1938.

Nail coating and a nail enamel, Protective. R. E. Drannon. 361,229; Oct. 11; Serial No. 406,282; published July 26, 1938.

Neutralizing agent. Patek & Co. 361,280; Oct. 11; Serial No. 406,938; published Aug. 2, 1938.

Odorant, Volatile. Standard Oil Company of California 361,174; Oct. 11; Serial No. 403,527; published June 21, 1938.

Oil, Mineral. John Henry Miller, Inc. 361,296; Oct. 11; Serial No. 407,070; published July 26, 1938.

Oils; and cosmetics, Medicated; Coast Chemical Company. 361,247; Oct. 11; Serial No. 406,549; published July 26, 1938.

Ointment. Oweno Laboratories. 361,188; Oct. 11; Serial No. 404,482; published July 19, 1938.

Organotherapeutic products. F. C. Roux. 361,155; Oct. 11; Serial No. 400,879; published Aug. 2, 1938.

Paste and tooth powder, Tooth. Sheffield Company. 361,128; Oct. 11; Serial No. 392,610; published July 26, 1938.

Perfume. Bourjois, Inc. 361,326; Oct. 11; Serial No. 407,488; published July 26, 1938.

Perfume. London House, Ltd. 361,241; Oct. 11; Serial No. 406,518; published July 26, 1938.

Perfumes, toilet waters, powders, etc. Henri Bendl Inc. 361,192; Oct. 11; Serial No. 404,683; published July 19, 1938.

Pharmaceutical preparation. Gelke Laboratories, Inc. 361,194; Oct. 11; Serial No. 404,699; published July 26, 1938.

Pharmaceutical preparation. Massengill Specialties Corporation. 361,308; Oct. 11; Serial No. 407,235; published July 26, 1938.

Pharmaceutical preparations. Olden Minerals, Incorporated. 361,205; Oct. 11; Serial No. 405,404; published Aug. 2, 1938.

Pharmaceutical preparations. Olden Minerals, Incorporated. 361,325; Oct. 11; Serial No. 407,467; published July 26, 1938.

Pharmaceutical products. L. Chauvin. 361,196; Oct. 11; Serial No. 404,749; published Aug. 2, 1938.

Pharmaceutical products. R. Krotoff. 361,141; Oct. 11; Serial No. 398,728; published July 26, 1938.

Poison, Rat. M. F. Miller. 361,333; Oct. 11; Serial No. 407,600; published July 26, 1938.

Powder, Douche. Julius Schmid, Inc. 361,124; Oct. 11; Serial No. 390,811; published July 26, 1938.

Powder for headache, neuralgia, etc. F. S. Sanders. 361,238; Oct. 11; Serial No. 406,469; published Aug. 2, 1938.

Powder, Tooth. L. Fried. 361,301; Oct. 11; Serial No. 407,098; published July 19, 1938.

Powders, Face. C. Ordel. 361,252; Oct. 11; Serial No. 406,652; published July 26, 1938.

Powders, Toilet. A. N. Bourjois. 15,983; re-renewed Nov. 6, 1938.

Preparation containing tannin extract for use in manufacture of brick, tile, etc. Mead Paperboard Corporation. 361,117; Oct. 11; Serial No. 366,669; published Nov. 2, 1937.

Preparation for allergy-neoplasia-infections. W. F. Koch. 361,305; Oct. 11; Serial No. 407,188; published July 26, 1938.

Preparation for killing bed bugs. B. Heller & Company. 361,215; Oct. 11; Serial No. 405,878; published July 26, 1938.

Preparation for killing rats. W. E. Simpson. 361,163; Oct. 11; Serial No. 401,909; published July 19, 1938.

Preparation for relief of piles. Polstray Co. 361,337; Oct. 11; Serial No. 407,686; published July 26, 1938.

Preparation for relieving the discomforts of simple burns, sun burns, etc. E. Jaffe. 361,251; Oct. 11; Serial No. 406,620; published July 26, 1938.

Preparation for removing dandruff and for the treatment of itching scalp. G. S. Regas. 361,173; Oct. 11; Serial No. 403,522; published Aug. 2, 1938.

Preparation for restoring color to the hair. United Distributors, Inc. 361,203; Oct. 11; Serial No. 405,334; published Aug. 2, 1938.

Preparation for the bath. Monroe Chemical Company. 361,178; Oct. 11; Serial No. 403,605; published Aug. 2, 1938.

Preparation for the relief of certain skin irritations. Sulfor-Ex Company, Inc. 361,243; Oct. 11; Serial No. 406,533; published July 19, 1938.

Preparation for treating eczema, ringworm, athlete's foot, etc. I. Gross. 361,236; Oct. 11; Serial No. 406,253; published July 19, 1938.

Preparation for the treatment of piles. F. Hill. 361,146; Oct. 11; Serial No. 400,010; published July 19, 1938.

Preparation for the treatment of pyorrhea. J. P. Williams & Son. 361,147; Oct. 11; Serial No. 400,075; published Aug. 2, 1938.

Preparation for the treatment of streptococcus infections. Societe Anonyme Chimie & Atomistique. 361,242; Oct. 11; Serial No. 406,529; published Aug. 2, 1938.

Preparation used as a sedative. Vincent Christina, Inc. 361,293; Oct. 11; Serial No. 407,015; published July 19, 1938.

Preparation used in the treatment of angina pectoris. Vincent Christina, Inc. 361,288; Oct. 11; Serial No. 407,008; published July 19, 1938.

Preparation used in the treatment of arthritis. Vincent Christina, Inc. 361,289; Oct. 11; Serial No. 407,009; published July 19, 1938.

Preparation used in the treatment of gonorrhea. Vincent Christina, Inc. 361,290; Oct. 11; Serial No. 407,010; published July 19, 1938.

Preparation used in the treatment of hypertension. Vincent Christina, Inc. 361,291; Oct. 11; Serial No. 407,011; published July 19, 1938.

Preparations used in the treatment of pneumonia. Vincent Christina, Inc. 361,292; Oct. 11; Serial No. 407,013; published July 19, 1938.

Resinous materials, Water soluble. Röhm & Haas Company. 361,329; Oct. 11; Serial No. 407,562; published July 26, 1938.

Salt composition. Griffith Laboratories, Inc. 361,182; Oct. 11; Serial No. 403,915; published Aug. 2, 1938.

Shampoo. Chesebrough Manufacturing Company. 361,324; Oct. 11; Serial No. 407,423; published July 19, 1938.

Shampoo. E. Gould. 361,208; Oct. 11; Serial No. 405,502; published July 26, 1938.

Shampoo. Paragon Distributing Corp. 361,223; Oct. 11; Serial No. 406,098; published Aug. 2, 1938.

Shampoo, Hair. United Distributors, Inc. 361,204; Oct. 11; Serial No. 405,335; published Aug. 22, 1938.

Shampoo preparation. W. A. Hurst. 361,131; Oct. 11; Serial No. 393,808; published July 19, 1938.

Starch, Thin boiling. A. E. Staley Manufacturing Company. 361,266; Oct. 11; Serial No. 406,888; published Aug. 2, 1938.

Sulphur. Stauffer Chemical Company of Texas. 361,200; Oct. 11; Serial No. 405,085; published July 19, 1938.

Tablets used for the treatment of nausea, over-indulgence, etc. G. A. Dickson. 361,172; Oct. 11; Serial No. 405,436; published Aug. 2, 1938.

Tonic and laxative, General. United Distributors, Incorporated. 361,154; Oct. 11; Serial No. 400,810; published July 19, 1938.

Tonic, General. Reza & Reza. 361,121; Oct. 11; Serial No. 382,569; published Aug. 2, 1938.

Tonic for the hair and scalp. A. E. Lavett. 361,256; Oct. 11; Serial No. 406,723; published Aug. 2, 1938.

Tonics and stomachics, Aperitive. S. Russo. 361,129; Oct. 11; Serial No. 392,891; published July 26, 1938.

Tooth paste. Lambert Pharmacal Company. 361,228; Oct. 11; Serial No. 406,256; published Aug. 2, 1938.

Vitamin capsules. Webb Laboratories, Inc. 361,235; Oct. 11; Serial No. 406,359; published Aug. 2, 1938.

Vitamin C preparation of cevitamic acid. Abbott Laboratories. 361,214; Oct. 11; Serial No. 405,868; published July 26, 1938.

Waterproofing composition for textiles. G. B. Dyde. 361,171; Oct. 11; Serial No. 403,401; published July 26, 1938.

CLASS 11

Typewriter-ribbons and carbon-paper. Remington Typewriter Company. 123,158; renewed Oct. 15, 1938.

CLASS 12

Board or panel, Composite. Certain-Teed Products Corporation. 361,344; Oct. 11.

CLASS 13

Fasteners, Slide. Crown Fastener Corporation. 361,222; Oct. 11; Serial No. 406,092; published Aug. 2, 1938.

Toilet seats. Monarch Sanitary Products, Inc. 361,206; Oct. 11; Serial No. 405,456; published Aug. 2, 1938.

CLASS 16

Cleaning and polishing preparations, Automobile. C. J. Stebenne. 361,245; Oct. 11; Serial No. 406,540; published Aug. 2, 1938.

Cleansing and polishing preparation. Minard's Liniment Manufacturing Company. 122,804; renewed Sept. 17, 1938.

Paint, Ready-mixed. E. I. du Pont de Nemours and Company. 123,110; renewed Oct. 15, 1938.

Paint solvents, paint reducers, and paint extenders. Martin-Senour Co. 361,250; Oct. 11; Serial No. 406,591; published Aug. 2, 1938.

Paints, paint enamels, stains, etc. Glidden Company. 361,207; Oct. 11; Serial No. 405,498; published Aug. 2, 1938.

Paints, varnishes, stains, and lacquers. I. F. Laucks, Inc. 361,139; Oct. 11; Serial No. 398,165; published Aug. 2, 1938.

Varnish. North American Paint & Chemical Co. 361,363; Oct. 11.

CLASS 17

Tobacco, cigars, and cigarettes, Smoking. Leighton Tobacco Co. 361,361; Oct. 11.

Tobacco, Smoking. John Middleton Inc. 361,177; Oct. 11; Serial No. 403,600; published Aug. 2, 1938.

Tobacco, Smoking and chewing. Bloch Brothers Tobacco Co. 361,269–73; Oct. 11; Serial Nos. 406,904–8; published Aug. 2, 1938.

Tobacco, Smoking and chewing. Bloch Brothers Tobacco Co. 361,274; Oct. 11; Serial No. 406,910; published Aug. 2, 1938.

Tobacco, Smoking and chewing. R. R. Tobin. 361,267; Oct. 11; Serial No. 406,900; published Aug. 2, 1938.

CLASS 19

Automobile seat covers. Vatco Mfg. Co. 361,244; Oct. 11; Serial No. 406,536; published Aug. 2, 1938.

Steering wheel, Safety. J. W. Kaye. 361,346; Oct. 11.

Trailers. A. R. Seaton. 361,134; Oct. 11; Serial No. 394,640; published Aug. 2, 1938.

CLASS 21

Electroplating apparatus. Nickel-Chromium Plating Corporation. 361,169; Oct. 11; Serial No. 403,276; published Aug. 2, 1938.

Flat-iron, Electric. Samson-United Corporation. 361,287; Oct. 11; Serial No. 406,999; published Aug. 2, 1938.

Radio receiving sets and parts thereof. Ford Motor Company. 361,140; Oct. 11; Serial No. 398,427; published Aug. 2, 1938.

Radio receiving sets and component parts. Detrola Corporation. 361,298–300; Oct. 11; Serial Nos. 407,090–2; published Aug. 2, 1938.

CLASS 22

Cards, Playing. C. J. Aulick. 361,323; Oct. 11; Serial No. 407,412; published Aug. 2, 1938.
Cards which are used in the playing of a game. Quality Premium Distributors, Incorporated. 361,341; Oct. 11; Serial No. 407,818; published Aug. 2, 1938.
Dolls, stuffed toys, board games, etc. L. R. Fowler. 361,331–2; Oct. 11; Serial Nos. 407,588–9; published Aug. 2, 1938.
Game, Board. A. S. Morreale. 361,335; Oct. 11; Serial No. 407,679; published Aug. 2, 1938.
Games, Card fortune telling. M. W. Winfield. 361,199; Oct. 11; Serial No. 404,924; published Aug. 2, 1938.
Golf balls. Acushnet Process Company. 361,339–40; Oct. 11; Serial Nos. 407,707–8; published Aug. 2, 1938.
Golf clubs. B. C. Leather Co. Ltd. 361,364; Oct. 11.
Skates and skate outfits, Ice. Nestor Johnson Manufacturing Company. 361,297; Oct. 11; Serial No. 407,071; published Aug. 2, 1938.
Toy kits, Educational. Zendico Hygiene Products Company. 361,330; Oct. 11; Serial No. 407,572; published Aug. 2, 1938.
Velocipedes and scooters, Juvenile. E. C. Brown Company. 361,119; Oct. 11; Serial No. 377,383; published Aug. 2, 1938.

CLASS 23

Cutlery. E. Krusius. 361,150; Oct. 11; Serial No. 400,388; published Aug. 2, 1938.
Cutlery, machinery, and tools, and parts thereof. Stowe Supply Company. 123,660; renewed Nov. 19, 1938.
Cutting machines, Lumber. De Walt Products Corporation. 361,179; Oct. 11; Serial No. 403,679; published Aug. 2, 1938.
Machinery. Journal Box Servicing Corporation. 361,227; Oct. 11; Serial No. 406,255; published Aug. 2, 1938.
Machines or apparatus for mixing and applying plastic and adhesive materials to structures or other surfaces and parts of such machines. Cement Gun Company. 361,284; Oct. 11; Serial No. 406,958; published Aug. 2, 1938.
Pliers and hammers. Billings & Spencer Company. 361,283; Oct. 11; Serial No. 406,956; published Aug. 2, 1938.
Razor, Motor driven. Lektro Shave Corporation. 361,118; Oct. 11; Serial No. 374,087; published Apr. 14, 1936.
Spoons, wooden forks and spoons, Wooden. Hardwood Products Co. 361,198; Oct. 11; Serial No. 404,897; published Aug. 2, 1938.
Tools for compressing a connector on a cable. Burndy Engineering Company. 361,302; Oct. 11; Serial No. 407,126; published Aug. 2, 1938.

CLASS 26

Films, Moving-picture. Goldwyn Pictures Corporation. 123,995; renewed Dec. 31, 1938.
Photographic paper. Eastman Kodak Company. 123,214; renewed Oct. 22, 1938.
Registers, credit registers, autographic registers, etc., Cash. National Cash Register Company. 361,225; Oct. 11. Serial No. 406,144; published Aug. 2, 1938.
Testing apparatus. R. M. Stephenson. 361,167; Oct. 11; Serial No. 402,490; published Aug. 2, 1938.

CLASS 29

Brushes and tooth-brushes, Hair. E. D. Cutino. 124,517; renewed Feb. 25, 1939.
Mops, dust mop frames, dust mop heads, and parts thereof, Dust. Schaefer's Incorporated. 361,359–60; Oct. 11.
Wiping cloths. Letellier-Phillips Paper Company. 361,189; Oct. 11; Serial No. 404,567; published Aug. 2, 1938.

CLASS 31

Filtering materials. Staynew Filter Corporation. 361,156; Oct. 11; Serial No. 400,886; published Aug. 2, 1938.
Refrigerators, Electric. National Co-operatives, Inc. 361,160; Oct. 11; Serial No. 401,445; published Aug. 2, 1938.

CLASS 32

Furniture. Stewartstown Furniture Company. 361,138; Oct. 11; Serial No. 397,522; published Aug. 2, 1938.
Furniture slip covers. Quality Sales Company. 361,328; Oct. 11; Serial No. 407,558; published Aug. 2, 1938.
Mattresses and box springs. Chittenden & Eastman Company. 361,327; Oct. 11; Serial No. 407,536; published Aug. 2, 1938.
Mirrors. Elias Glass Company. 361,334; Oct. 11; Serial No. 407,667; published Aug. 2, 1938.
Mirrors. Hearn Department Stores, Inc. 361,183; Oct. 11; Serial No. 403,917; published Aug. 2, 1938.

CLASS 34

Ducts, furnace casings, etc., Pre-fabricated air-conveying. Lamneck Products Inc. 361,230; Oct. 11; Serial No. 406,296; published Aug. 2, 1938.
Reflector glasses. Bolser Corporation. 361,350; Oct. 11.
Stokers, Automatic coal. Stok-A-Fire Company. 361,362; Oct. 11.

CLASS 35

Piston rings. Sealed Power Corporation. 361,338; Oct. 11; Serial No. 407,693; published Aug. 2, 1938.
Tire casings. Corduroy Rubber Company. 361,313; Oct. 11; Serial No. 407,307; published Aug. 2, 1938.
Tires and tubes, Rubber and rubber-containing pneumatic. Pharis Tire and Rubber Company. 361,127; Oct. 11; Serial No. 392,162; published Aug. 2, 1938.
Tires, Vehicle. Fisk Rubber Corporation. 361,319; Oct. 11; Serial No. 407,371; published Aug. 2, 1938.

CLASS 36

Pedal controls for electrically amplified musical instruments. Epiphone, Inc. 361,354; Oct. 11.

CLASS 37

Blanks and boards for printing purposes. Champion Paper and Fibre Company. 361,277; Oct. 11; Serial No. 406,917; published Aug. 2, 1938.
Material, Cellulosic transparent or translucent wrapping and packaging. Celluloid Corporation. 361,246; Oct. 11; Serial No. 406,548; published Aug. 2, 1938.
Paper. Northwest Paper Company. 361,144; Oct. 11; Serial No. 399,469; published Aug. 2, 1938.
Paper, Bond. Strathmore Paper Company. 361,186; Oct. 11; Serial No. 404,139; published Aug. 2, 1938.
Paper, Filter. H. Reeve Angel & Co. Inc. 123,486–7; renewed Nov. 12, 1938.
Paper, Printing. Champion Paper and Fibre Company. 361,275–6; Oct. 11; Serial Nos. 406,915–16; published Aug. 2, 1938.
Paper, Printing. Champion Paper and Fibre Company. 361,278–9; Oct. 11; Serial Nos. 406,918–19; published Aug. 2, 1938.

CLASS 38

Registers or social directories, Social. Norman, Remington Company. 124,260; renewed Jan. 28, 1939.

CLASS 39

Belts sweaters, sport suits, etc. W. A. Towhill. 361,210; Oct. 11; Serial No. 405,625; published July 26, 1938.
Coats and fur collars, Fur. Vigder Bros., Inc. 361,358; Oct. 11.
Coats, Fur. Max Koch, Inc. 361,348; Oct. 11.
Dresses. E-Z-On Dresses Inc. 361,353; Oct. 11.
Furs. Aprilizing Corporation of America. 361,347; Oct. 11.
Gloves and mittens. Wells-Lamont Manufacturing Company. 124,275; renewed Jan. 28, 1939.
Gloves, Leather. Buscarlet Glove Co. Inc. 361,253; Oct. 11; Serial No. 406,676; published July 26, 1938.
Gloves, Women's and misses' fabric. Globe Knitting Works. 361,187; Oct. 11; Serial No. 404,305; published July 26, 1938.
Hats and caps. Stylepark Hats, Inc. 361,195; Oct. 11; Serial No. 404,731; published July 26, 1938.
Hats, Ladies', misses', and children's. Geraldine Hat Co. 361,216; Oct. 11; Serial No. 405,925; published July 26, 1938.
Hosiery. Interwoven Stocking Company. 361,352; Oct. 11.
Hosiery, underwear, gloves, etc. Freedman & Company. 361,165; Oct. 11; Serial No. 402,218; published July 26, 1938.
Overcoats, topcoats, raincoats, etc. Bond Stores, Incorporated. 361,166; Oct. 11; Serial No. 402,409; published July 26, 1938.
Shirts, shorts, and pajamas. Wamsutta Mills. 361,343; Oct. 11.
Shoes. Willits Shoe Company. 361,231; Oct. 11; Serial No. 406,317; published July 26, 1938.
Shoes, Ladies' leather. Krohn-Fechheimer Co. 124,550; renewed Feb. 25, 1939.
Shoes, Women's. W. N. Sitton. 361,218; Oct. 11; Serial No. 406,039; published July 26, 1938.
Sportswear. Kroesen Manufacturing Co. 361,123; Oct. 11; Serial No. 390,371; published July 26, 1938.
Sportswear, Ladies' and girls'. Kenilworth Mfg. Co. 361,349; Oct. 11.
Suits, overcoats, hats, etc. Parsons-Faulkner Co. Inc. 361,164; Oct. 11; Serial No. 401,944; published July 26, 1938.

CLASS 40

Shoe-lacings. Rite Products, Inc. 361,176; Oct. 11; Serial No. 403,562; published Aug. 2, 1938.
Sweat bands or head bands. American Allsalfe Company. 361,232; Oct. 11; Serial No. 406,322; published Aug. 2, 1938.
Toilet sets. R. Herrmann. 361,212; Oct. 11; Serial No. 405,774; published Aug. 2, 1938.

CLASS 42

Blankets. T. F. Gibboney Co. Inc. 361,315; Oct. 11; Serial No. 407,312; published Aug. 2, 1938.
Cotton and rayon piece goods. M. Lowenstein & Sons, Inc. 361,307; Oct. 11; Serial No. 407,232; published Aug. 2, 1938.
Cotton goods in the piece. Lonsdale Company. 128,912–13; renewed Dec. 17, 1938.
Cotton piece goods. Wamsutta Mills. 361,320; Oct. 11; Serial No. 407,403; published Aug. 2, 1938.

Cotton suitings in the piece. J. L. Stifel & Sons, Inc. 361,248; Oct. 11; Serial No. 406,570; published Aug. 2, 1938.
Fabrics, Rayon and Woolen. Herward Fabrics Co. 361,162; Oct. 11; Serial No. 401,863; published Aug. 2, 1938.
Fabrics, Textile. Duplan Silk Corporation. 361,314; Oct. 11; Serial No. 407,309; published Aug. 2, 1938.
Piece goods. Barkan Silk Co. Inc. 361,158; Oct. 11; Serial No. 401,045; published Aug. 2, 1938.
Piece goods. Cantor Greenspan Co., 361,311–12; Oct. 11; Serial Nos. 407,300–1; published Aug. 2, 1938.
Piece goods. Comins & Co. Inc. 361,318; Oct. 11; Serial No. 407,366; published Aug. 2, 1938.
Sheets and pillow cases, cotton sheeting, etc., Cotton. J. G. Hardy. 361,240; Oct. 11; Serial No. 406,511; published Aug. 2, 1938.
Woolen piece goods. Strong, Hewat & Co. 124,595; renewed Feb. 25, 1939.

CLASS 43

Thread. Max Pollack & Company. 361,356; Oct. 11.
Yarns. Ryerson-Bunty, Inc. 361,351; Oct. 11.

CLASS 44

Drill for use in the art of chiropody, Electrical. Chiropody Supply Headquarters, Inc. 361,193; Oct. 11; Serial No. 404,687; published Aug. 2, 1938.
Massage, vacuum, pressure, automizer, and vibrator apparatus, Electric. Automatic Musical Instrument Company. 361,122; Oct. 11; Serial No. 389,226; published Apr. 27, 1937.
Therapeutic apparatus, Vacuum inducing. Crosley Radio Corporation. 361,125; Oct. 11; Serial No. 391,520; published Aug. 31, 1937.

CLASS 45

Beverages and extracts for making same. C. O. and W. D. Sethness Co. 361,145; Oct. 11; Serial No. 399,777; published Jan. 25, 1938.

CLASS 46

Apples, Fresh. Apple Growers Association. 361,116; Oct. 11; Serial No. 334,947; published Dec. 28, 1937.
Butter, Processed. Rosemary Creamery, Inc. 361,184; Oct. 11; Serial No. 403,963; published Aug. 2, 1938.
Cakes. C. E. Seagren. 361,294–5; Oct. 11; Serial Nos. 407,035–6; published Aug. 2, 1938.
Candy. Wayne Candies, Inc. 361,168; Oct. 11; Serial No. 403,228; published Aug. 2, 1938.
Canned fruits, canned vegetables, and canned fruit juices. Arlington Packing Corporation. 361,264; Oct. 11; Serial No. 406,854; published Aug. 2, 1938.
Canned fruits, vegetables, berries, etc. Paul Bunyan Foods, Inc. 361,136; Oct. 11; Serial No. 396,490; published Aug. 2, 1938.
Canned goods. Collins-Dietz-Morris Company. 361,285; Oct. 11; Serial No. 406,960; published Aug. 2, 1938.
Canned sardines. Lubec Sardine Co. 124,462; renewed Feb. 18, 1939.
Cantaloupes and melons. A. F. Hand. 361,159; Oct. 11; Serial No. 401,304; published Aug. 2, 1938.
Chicory. Mrs J. Williot Fils. 122,120; renewed June 25, 1938.
Chicory. Mrs. J. Williot Fils. 122,940; renewed Sept. 24, 1938.
Coffee, tea, rice, etc. H. Busch & Co. Inc. 361,137; Oct. 11; Serial No. 396,628; published Jan. 11, 1938.
Confections, Frozen. Joe Lowe Corporation. 361,236; Oct. 11; Serial No. 406,395; published Aug. 2, 1938.
Eggs. E. C. Sample. 361,260; Oct. 11; Serial No. 406,776; published Aug. 2, 1938.
Flour, Wheat. Commercial Milling Company. 361,151; Oct. 11; Serial No. 400,667; published Aug. 2, 1938.
Honey. Sioux Honey Association, Cooperative. 361,281; Oct. 11; Serial No. 406,948; published Aug. 2, 1938.
Noodles. Pacific Trading Company. 361,257; Oct. 11; Serial No. 406,727; published Aug. 2, 1938.
Olive oil. De Simone Bros. Inc. 361,262; Oct. 11; Serial No. 406,797; published Aug. 2, 1938.
Pop corn, Raw. American Pop Corn Company. 361,157; Oct. 11; Serial No. 401,011; published Feb. 8, 1938.
Salt. International Salt Company. 361,345; Oct. 11.
Shortening, Vegetable. Capital City Products Company. 361,306; Oct. 11; Serial No. 407,216; published Aug. 2, 1938.
Tea, rice, cinnamon, etc. R. L. Gerhart. 122,694; renewed Sept. 10, 1938.

CLASS 48

Ale, mild ale, and porter. Haupden Brewing Company. 361,153; Oct. 11; Serial No. 400,692; published Aug. 2, 1938.

CLASS 49

Whiskey. Paramount Distilling Corporation. 361,310; Oct. 11; Serial No. 407,279; published Aug. 2, 1938.
Whiskey. Hiram Walker & Sons Inc. 361,126; Oct. 11; Serial No. 392,116; published June 8, 1937.
Whiskey. Wilson Distilling Co. Inc. 361,321–2; Oct. 11; Serial Nos. 407,406–7; published Aug. 2, 1938.
Whiskey, gin, rum, etc. Wathen Brothers. 361,342; Oct. 11; Serial No. 408,141; published Aug. 9, 1938.

CLASS 50

Covers for garment hangers. H. Taff. 361,355; Oct. 11.
Fabrics, Coated textile. Cotan Corporation. 361,265; Oct. 11; Serial No. 406,857; published Aug. 2, 1938.
Leather cloth. Atlas Powder Company. 361,249; Oct. 11; Serial No. 406,575; published Aug. 2, 1938.

LIST OF LABELS

Booth Board. For Boards. E. E. Booth. 51,914; Oct. 11.
Champagne-Glo. For a Preparation for Coloring the Hair. Carlos Valento Hollywood Beauty Center, Inc. 51,929; Oct. 11.
Crisp Pop Corn. For Pop-Corn. Dobeckmun Company. 51,918; Oct. 11.
Design 177. For Coffee. Union Bag & Paper Corporation. 51,928; Oct. 11.
Dog-Ease. For a Tonic for all Dogs Afflicted with Skin Irritation Due to Hot Weather. M. S. Cockett. 51,915; Oct. 11.
Donuts, Delicious, Wholesome. For Doughnuts. Dobeckmun Company. 51,917; Oct. 11.
Downy Rest. For Mattresses. Silver Star Bedding Co. 51,925; Oct. 11.
Family-Pak Zee Ivory White Tissue. For Toilet Tissue. Comfort Paper Corporation. 51,916; Oct. 11.
Menasha Bread. For Bread. Menasha Products Company. 51,923; Oct. 11.
Morning Milk. For Milk. W. F. Mueller. 51,924; Oct. 11.
O'Leary's Private Stock. For Blended Whiskey. M. Levenson. 51,922; Oct. 11.
One Dozen Eggs. For Eggs. Egg-Safety Carton Corporation. 51,919; Oct. 11.
"Tomorrow's Oil . . . Today!" For a Motor Oil. L. Sonneborn Sons, Inc. 51,926; Oct. 11.
V Belt Fasteners for "C" Section "V" Belts. For Flexible Fasteners or Connectors for the Ends of V or Side Driving Belts. Flexible Steel Lacing Company. 51,920; Oct. 11.
V Belt Fasteners for Special "F" Section Railway Air Conditioning "V" Belts. For Flexible Fasteners or Connectors for the Ends of V or Side Driving Belts. Flexible Steel Lacing Company. 51,921; Oct. 11.
World's Fair. For Cigars. E. B. Strickler. 51,927; Oct. 11.

LIST OF PRINTS

Eskimo Premiums. For Frozen Confections. Eskimo Pie Corporation. 17,069; Oct. 11.
Flaky Malted Freeze. For a Fountain Drink. D. H. Holmes Co. 17,070; Oct. 11.
43 Years of Thriving Babies Prove Its Perfect Digestibility. For Wheat Breakfast Food. Cream of Wheat Corporation. 17,067; Oct. 11.
Going Down! For Wheat Breakfast Food. Cream of Wheat Corporation. 17,066; Oct. 11.
Introducing Double Tested Silver Plate. For Silver Plated Flatware. National Silver Company. 17,071; Oct. 11.
Solder in a Silk Hat No Cleaning No Filing No Scraping No Sanding Always Ask for Silk Hat Brand. For Soldering Flux. Alwarth Chemical Corporation. 17,065; Oct. 11.
Tymatic Towels. For Paper Towels. Crown Zellerbach Corporation. 17,068; Oct. 11.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 11TH DAY OF OCTOBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Aryl mercury compounds of ureid and purine bases and method of making the same. Re. 20,880; Oct. 11.

General Motors Corporation. (See Wise, Edmund M., assignor.)

Lever Brothers Company. (See Andersen, Carl N., assignor.)

Rambold, Adolf, Dresden, Germany. Machine for making, filling, closing, and wrapping bags. Re. 20,881; Oct. 11.

Wise, Edmund M., Westfield, N. J., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorber. Re. 20,882; Oct. 11.

LIST OF PLANT PATENTEES

Randig, Martin E., San Bernardino, Calif. Water lily. 294; Oct. 11.

LIST OF DESIGN PATENTEES

Alger, Don L., Avalon, Calif. Game board. 111,647; Oct. 11.

Armstrong Cork Company. (See Muller, Henry J., assignor.)

Armstrong Cork Company. (See Rauscher, Fred W., assignor.)

Baron, Arthur S., et al. (See Pollard, John H., assignor.)

Bausch & Lomb Optical Company. (See Kurtz, Henry F., assignor.)

Blythe, Minor. (See Sunquist, L., and Blythe.)

Brieff, Adolph, New York, N. Y. Evening wrap. 111,693; Oct. 11.

Budd, Edward G., Manufacturing Company. (See Patton, J. W., and Cret.)

Burdick, Richard, et al. (See Pollard, John H., assignor.)

Canterbury, Franklyn P., Kansas City, Mo. Portable bar. 111,648; Oct. 11.

Chambart, Josephine, New York, N. Y. Dress. 111,721; Oct. 11.

Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or similar article. 111,694; Oct. 11.

Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or similar article. 111,722; Oct. 11.

Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or similar article. 111,723; Oct. 11.

Coleman Lamp & Stove Company. (See Olds, Ambrose D., assignor.)

Cret, Paul P. (See Patton, J. W., and Cret.)

Crompton, Abraham A., Uttoxeter, England. Nail file. 111,695; Oct. 11.

De Liso, Vincent, Astoria, Long Island, N. Y. Shoe or similar article. 111,675; Oct. 11.

De Liso, Vincent, Astoria, Long Island, N. Y. Shoe or similar article. 111,676; Oct. 11.

De Liso, Vincent, Astoria, Long Island, N. Y. Shoe or similar article. 111,677; Oct. 11.

Di Domenico, Anthony, Forest Hills, N. Y. Display box. 111,649; Oct. 11.

Emerson Electric Mfg. Co., The. (See Janca, Joseph J., assignor.)

Emmey, Charles, New York, N. Y. Alphabet for forming monograms for wearing apparel or similar article. 111,696; Oct. 11.

Emmey, Charles, New York, N. Y. Alphabet for forming monograms for wearing apparel or similar article. 111,697; Oct. 11.

Engstrom, John L., Evanston, Ill. Electrolabrum tree. 111,698; Oct. 11.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,724; Oct. 11.

Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,725; Oct. 11.

Exelmans, Maurice, Paris, France, assignor to Verlys of America, Inc., New York, N. Y. Ashtray or similar article. 111,650; Oct. 11.

Flato, Paul E. (See Headley, George W., 3rd, assignor.)

Foster, Theodore W., & Bro. Company. (See Parkin, Winfred T., assignor.)

Fracchia, Pauline, New York, N. Y. Dress. 111,699; Oct. 11.

Fracchia, Pauline, New York, N. Y. Dress. 111,700; Oct. 11.

Fracchia, Pauline, New York, N. Y. Dress. 111,701; Oct. 11.

Fried, Benjamin, New York, N. Y. Dress. 111,726; Oct. 11.

Frost, George W., assignor to The Steel Scaffolding Company, Inc., Evansville, Ind. Scaffold unit. 111,651; Oct. 11.

Fuller, Paul M., Chicago, Ill., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Phonograph cabinet. 111,702; Oct. 11.

Ganyaw, Leo J., assignor to Smith Welding Equipment Corporation, Minneapolis, Minn. Arc welder. 111,703; Oct. 11.

Gilleland, Edgar B., Los Angeles, Calif., assignor of one-half to G. W. Gilleland, Kansas City, Mo. Hair curler. 111,652; Oct. 11.

Gilleland, George W. (See Gilleland, Edgar B., assignor.)

Goldman, Harry M., New York, N. Y. Textile fabric. 111,727; Oct. 11.

Goldstein, Martin A., New York, N. Y. Hat. 111,704; Oct. 11.

Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or similar article. 111,728; Oct. 11.

Headley, George W., 3rd, assignor to P. E. Flato, New York, N. Y. Cigarette case or similar article. 111,653; Oct. 11.

Herron, Edward C., East St. Louis, Ill. Whatnot or similar article. 111,654; Oct. 11.

Hess, Clarence R. T., Prairie View, assignor to The Edward Katzinger Company, Chicago, Ill. Ferrule for household utensil handles and the like. 111,655; Oct. 11.

Honig, Herman, New York, N. Y. Dress. 111,705; Oct. 11.

Hurwit, Sol, Los Angeles, Calif. Shoe. 111,678; Oct. 11.

Hurwit, Sol, Los Angeles, Calif. Shoe. 111,679; Oct. 11.

Hurwit, Sol, Los Angeles, Calif. Shoe. 111,680; Oct. 11.

Janca, Joseph J., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Electric fan. 111,681; Oct. 11.

Katzinger, Edward, Company, The. (See Hess, Clarence R. T., assignor.)

Katz, Hyman J., New York, N. Y. Dress. 111,706; Oct. 11.

Keil, Rudolph. (See Stoll, Henry C., assignor.)

Klein, Samuel C., St. Louis, Mo. Coat. 111,707; Oct. 11.

Kuhn, Fred F., Reno, Nev. Stone mounting. 111,656; Oct. 11.

Kurtz, Henry F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Contour measuring projector. 111,708; Oct. 11.

Lentheric Incorporated. (See McIntosh, Frank, assignor.)

Levy, Joseph, Brooklyn, N. Y. Combined supporting tray and powder puff display. 111,709; Oct. 11.

Lewis, Florence N., New York, N. Y. Handbag. 111,710; Oct. 11.

Little, Kathleen E., Salisbury, N. C. Toy bed. 111,657; Oct. 11.

Maidman, Ada, New York, N. Y. Dress. 111,729; Oct. 11.

Maidman, Ada, New York, N. Y. Dress. 111,730; Oct. 11.

Mathews, Mary F., New York, N. Y. Hat. 111,658; Oct. 11.

McIntosh, Frank, assignor to Lentheric Incorporated, New York, N. Y. Jar. 111,659; Oct. 11.
Michelson, Margaret, New York, N. Y. Dress ensemble. 111,711; Oct. 11.
Michelson, Margaret, New York, N. Y. Dress. 111,712; Oct. 11.
Milton, John K., Chicago, Ill. Ashtray. 111,682; Oct. 11.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Fender for a wheeled vehicle. 111,683; Oct. 11.
Mott, Ruth B., Tampa, Fla. Game device. 111,660; Oct. 11.
Muller, Henry J., assignor to Armstrong Cork Company, Lancaster, Pa. Rug or similar article. 111,684; Oct. 11.
Olds, Ambrose D., assignor to Coleman Lamp & Stove Company, Wichita, Kans. Heating stove. 111,661; Oct. 11.
Parfums Chevalier Garde, Inc. (See Tarsaidze, Alexander, assignor.)
Parkin, Winfred T., assignor to Theodore W. Foster & Bro. Company, Providence, R. I. Compact or similar article. 111,662; Oct. 11.
Patton, John W., and P. P. Cret, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Combined locomotive and tender. 111,713; Oct. 11.
Peters and Russell, Inc. (See Russell, Linus E., assignor.)
Pollard, John H., assignor of one-half to A. S. Baron and one-half to R. Burdick, Dallas, Tex. Display rack 111,685; Oct. 11.
Rauscher, Fred W., Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Rug or similar article. 111,686; Oct. 11.
Reynolds, Edwin, Vineland, N. J. Combined flower vase and bouquet holder or similar article. 111,663; Oct. 11.
Rochester Grills. (See Shale, J. H., and Voelker.)
Rodanet, Charles H. H., Neuilly-sur-Seine, assignor to Societe Anonyme: Jaeger-Aviation, Levallois-Perret, Seine, France. Airplane landing wheel position indicator. 111,714; Oct. 11.
Russell, Linus E., assignor to Peters and Russell, Inc., Springfield, Ohio. Vehicle guard. 111,687; Oct. 11.
Russell, Linus E., assignor to Peters and Russell, Inc., Springfield, Ohio. Vehicle guard. 111,688; Oct. 11.
Salt, Lloyd B., Chestnut Hill, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Vacuum cleaner. 111,689; Oct. 11.
Sarg, Tony, New York, N. Y. Scarf or similar article. 111,731; Oct. 11.
Schlessel, Philip, New York, N. Y. Dress. 111,715; Oct. 11.
Schmidt, Paul H., Milwaukee, Wis. Knitted cap. 111,716; Oct. 11.
Schwartz, Harold H., Mill Valley, Calif. Ice cream cone. 111,664; Oct. 11.
Sears, Roebuck and Co. (See Morgan, John R., assignor.)
Seavey, William L., Berkeley, Calif. Garment hanger. 111,665; Oct. 11.
Seavey, William L., Berkeley, Calif. Garment hanger. 111,666; Oct. 11.
Shale, J. Harry and L. C. Voelker, said Voelker assignor to said Shale, doing business as Rochester Grills, Rochester, N. Y. Building. 111,667; Oct. 11.
Shields, Charles J., San Jose, Calif. Horse-trailer body. 111,717; Oct. 11.
Silverman, Jacob A., New York, N. Y. Coat. 111,718; Oct. 11.
Silverman, Jacob A., New York, N. Y. Coat. 111,719; Oct. 11.
Smith Welding Equipment Corporation. (See Ganyaw, Leo J., assignor.)
Societe Anonyme: Jaeger-Aviation. (See Rodanet, Charles H. H., assignor.)
Spitalny, Fred, Elizabeth, N. J. Vanity case or similar article. 111,668; Oct. 11.
Spitalny, Fred, Elizabeth, N. J. Vanity case or similar article. 111,669; Oct. 11.
Steel Scaffolding Company, The. (See Frost, George W., assignor.)
Stone, Mollie, New York, N. Y. Dress ensemble. 111,720; Oct. 11.
Stone, Mollie, New York, N. Y. Dress. 111,732; Oct. 11.
Strauss, Ira, New York, N. Y. Textile fabric. 111,733; Oct. 11.
Sturtevant, B. F., Company. (See Salt, Lloyd B., assignor.)
Sunquist, Leonard, Santa Monica, and M. Blythe, Los Angeles, Calif. Combined chair and stepladder. 111,670; Oct. 11.
Staub, Edward E., Detroit, Mich. Book rack. 111,671; Oct. 11.
Stoll, Henry C., assignor of one-half to R. Keil, Bronx, N. Y. Footrest. 111,672; Oct. 11.
Tarsaidze, Alexander, assignor to Parfums Chevalier Garde, Inc., New York, N. Y. Combined perfume bottle and stopper therefor. 111,673; Oct. 11.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 111,734; Oct. 11.
Verlys of America, Inc. (See Exelmans, Maurice, assignor.)
Voelker, Louis C. (See Shale, J. H., and Voelker.)
Wells, William H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Device for investigating atomic structure. 111,690; Oct. 11.
Westinghouse Electric & Manufacturing Company. (See Wells, William H., assignor.)
Wittcoff, Edward, University City, Mo. Hat. 111,674; Oct. 11.
Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 111,691; Oct. 11.
Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 111,692; Oct. 11.
Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 111,692; Oct. 11.
Wurlitzer, Rudolph, Company, The. (See Fuller, Paul M., assignor.)
Wusits, Olga, New York, N. Y. Dress. 111,735; Oct. 11.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 11TH DAY OF OCTOBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abbott Laboratories. (See Volwiler, E. H., and Moore, assignors.)
Acme Protection Equipment Company. (See O'Leary, Thomas A., assignor.)
Addressograph-Multigraph Corporation. (See Gollwitzer, Walter T., assignor.)
Adlake Company, The. (See Mohun, John L., assignor.)
Advance Machine Co. (See Richardson, M. H., and Gebert, assignors.)
Aetna Rubber Company, The. (See Campbell, Stanley T., assignor.)
Ahlport, B. E. (See Knox, Granville S., assignor.)
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,132,913; Oct. 11.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Emergency valve device. 2,132,915; Oct. 11.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control device. 2,132,916; Oct. 11.
Aktiengesellschaft Brown Boveri & Cie. (See Widmer, S., and Hürlimann, assignors.)
Albertson & Company. (See Albertson, Frans O., assignor.)
Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Abrasive device. 2,132,917; Oct. 11.
Alcorn Combustion Company. (See Nash, Arthur E., assignor.)
Alcorn Combustion Company. (See Nash, A. E., and Shelly, assignors.)
Alemite Corporation. (See Davis, Ernest W., assignor.)
Alger, Allen E., Lorain, Ohio, assignor to National Tube Company. Tube mill. 2,132,552; Oct. 11.
Allen, Edward W., Jr., Washington, D. C. High speed facsimile recording device. 2,133,181; Oct. 11.
Allen, Raymond W. (See Stevens, H. D., and Allen.)
Allen, Roy O., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Hose coupling. 2,132,506; Oct. 11.
Allen, Scott E., Glen Ridge, assignor to C-O-Two Fire Equipment Company, Newark, N. J. Testing means for fire protection systems. 2,132,918; Oct. 11.
Allen, Wallace T. (See Jackson, J. G., and Radley.)
Alma Motor Company. (See Smith, Charles D., assignor.)
Ambursen Dam Company. (See Stewart, S. W., and Davis, assignor.)
American Brake Company, The. (See Crossman, Theodore C., assignor.)
American Brake Company. (See Mueller, Emil G., assignor.)
American Can Company. (See Le Frank, John D., assignor.)
American Chemical Paint Company. (See Romig, Gerald C., assignor.)
American Engineering Company. (See Preston, Herbert E., assignor.)
American Engineering Company. (See Sibbe, Carl F., assignor.)
American Lurgi Corporation. (See Matthies, Hermann, assignor.)
American Paper Bottle Company, The. (See Scott, Henry T., assignor.)
American Railway Products Company. (See Cooke, George T., assignor.)
American Seating Company. (See Hanson, Walter M., assignor.)
American Sheet and Tin Plate Company. (See Bobrov, Samuel H., assignor.)
American Steel and Wire Company of New Jersey, The. (See Broden, Edwin H., assignor.)
American Steel and Wire Company of New Jersey, The. (See Braune, C., and Reardon, assignors.)
American Steel and Wire Company. (See Schuster, William J., assignor.)
American Steel and Wire Company of New Jersey. (See Skogsberg, John A., assignor.)
American Steel Foundries. (See Baselt, Walter H., assignor.)
American Telephone and Telegraph Company. (See Cowan, Frank A., assignor.)
American Telephone and Telegraph Company. (See Gardner, Leland A., assignor.)
American Voith Contact Company Inc. (See Kugel, Fritz, assignor.)
Ames Baldwin Wyoming Co. (See Ready, William A., assignor.)
Ames, James W., Montclair, N. J. Apparatus for removing rivets from structures. 2,132,593; Oct. 11.
Anderson, Carl L. (See Turner, H. L., and Anderson.)
Anderson Company, The. (See Boddy, Leonard, assignor.)
Anderson, John, Sutton Coldfield, and M. Langstreth, Rochdale, assignors to Dunlop Rubber Company Limited, London, England. Cord and article made of cord. 2,133,071; Oct. 11.
Andrejchak, Juraj, Duquesne, Pa. Cant-hook. 2,132,553; Oct. 11.
Arens, Charles A., Chicago, Ill. Control mechanism. 2,132,919; Oct. 11.
Arma Engineering Co. (See Davis, Arthur P., assignor.)
Armour and Company. (See Ralston, A. W., and Bauer, assignors.)
Armour and Company. (See Ralston, A. W., and Pool, assignors.)
Armstrong, Percy A. E. (See Rogers, Raymond R., assignor.)
Arndt, Paul, Los Angeles, Calif. Label pasting and lifting apparatus. 2,133,239; Oct. 11.
Arnold, George A. (See Williams, L. W., and Arnold.)
Aronson, Louis V., assignor to Art Metal Works, Inc., Newark, N. J. Cigarette lighter. 2,132,771; Oct. 11.
Art Metal Works, Inc. (See Aronson, Louis V., assignor.)
Arvin, Marion J., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Variable resistance device. 2,132,594; Oct. 11.
Associated Electric Laboratories, Inc. (See Sigo, Arthur T., assignor.)
Aston, Robert J., Pittsburgh, Pa. Paper file. 2,133,182; Oct. 11.
Atlas Plywood Corporation. (See Muller, Robert A., assignor.)
Attwood, John G., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Jig. 2,132,380; Oct. 11.
Atwell, Harold V., White Plains, assignor to Process Management Company, Inc., New York, N. Y. Treatment of hydrocarbon oils. 2,133,240; Oct. 11.
Automatic Drive and Transmission Company. (See Haupt, William E., assignor.)
Avery, Alfred H., Malden, Mass., assignor, by mesne assignments of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Marking machine. 2,132,981; Oct. 11.
Axelstrom, Raymond E. (See Stephens, John, assignor.)
Ayres, Etta, New York, N. Y. Finger nail buffer. 2,132,889; Oct. 11.
Babcock & Wilcox Company, The. (See Jacobus, David S., assignor.)
Baird, Fred J., Toledo, and A. I. Simison, Newark, Ohio, assignors to Owens-Illinois Glass Company. Electrical insulation. 2,133,183; Oct. 11.
Baker Castor Oil Company, The. (See Colbeth, Ivor M., assignor.)
Baker, Donald J., assignor of one-half to L. C. Baker, Pasadena, and one-half to B. C. Brindley, Los Angeles, Calif. Distance finder. 2,133,241; Oct. 11.
Baker, Earl P., Minneapolis, Minn. Door construction for heating boilers. 2,132,507; Oct. 11.
Baker, Loretta C., et al. (See Baker, Donald J., assignor.)
Baldwin, Henry W., assignor to Baldwin Laboratories, Inc., Saegertown, Pa. Impregnated fibrous article. 2,132,554; Oct. 11.
Baldwin Laboratories, Inc. (See Baldwin, Henry W., assignor.)
Baldwin Rubber Company. (See Clark, Samuel C., assignor.)
Ballash, Joseph L., Cleveland, assignor to The Sterling Grinding Wheel Company, Tiffin, Ohio. Abrasive device. 2,133,009; Oct. 11.
Baltimore Paper Box Company, The. (See Ferguson, George K. S., assignor.)
Bancroft, Charles, New Canaan, Conn. Displacement means. 2,132,595; Oct. 11.
Bancroft, Charles, New Canaan, Conn. Rotary displacement means. 2,132,596; Oct. 11.
Banks, Claud, Canton, Ohio. Progressive hobbyhorse. 2,132,772; Oct. 11.
Barbieri, Cesare, New York, N. Y., assignor to Dixie-Vortex Company, Chicago, Ill. Container. 2,132,597; Oct. 11.
Bardes, E. H., Range & Foundry Company, The. (See Hall, Ralph W., assignor.)
Barlow, Theodore W., Detroit, Mich. Safety electric control contactor. 2,133,160; Oct. 11.

Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,132,381; Oct. 11.

Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,132,382; Oct. 11.

Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,132,383; Oct. 11.

Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,132,384; Oct. 11.

Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,132,385; Oct. 11.

Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,132,386; Oct. 11.

Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,132,387; Oct. 11.

Barry, Cornelius J., Chicago, Ill., assignor to Superior Plating Works. Handle bar. 2,133,010; Oct. 11.

Barton, Larry J., assignor to Clorox Chemical Co., Oakland, Calif. Vented stopper. 2,132,598; Oct. 11.

Barry, Victor, A., London, England, assignor to W. Peyinhaus, trading as Eisen-und Stahlwerk Walter Peyinghaus, Egge, near Volmarstein, Ruhr, Germany. Lubricating means for bearings. 2,132,890; Oct. 11.

Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,133,242; Oct. 11.

Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,133,243; Oct. 11.

Bassford, Henry H., Jr., Naugatuck, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Manufacture of hydroxy amino compounds. 2,132,454; Oct. 11.

Bauer, Paul S. (See Wolff, Otto E., assignor.)

Bauer, R. S., trust. (See Wolff, Otto E., assignor.)

Bauer, Stewart T. (See Ralston, A. W., and Bauer.)

Bauer, Walter, Darmstadt, Germany, assignor to Röhm & Haas Company, Philadelphia, Pa. Condensation products. 2,132,671; Oct. 11.

Baumann, Karl, Basel, and A. Ettinger, Birsfelden, near Basel, Switzerland. Landing means for aircraft. 2,132,599; Oct. 11.

Baumert, Karl, and R. S. Bley, Elizabethton, Tenn., assignors to North American Rayon Corporation, New York, N. Y. Recovering carbon bisulphide. 2,133,244; Oct. 11.

Baumgartner, Philip T., Gardner, Mass. Shock absorbing chassis for a childs vehicle. 2,132,841; Oct. 11.

Baxter, James W., Ellwood City, Pa., assignor to National Tube Company. Making a tubular article. 2,132,555; Oct. 11.

Bear, Paul S., and H. E. Bucklen, assignors to Bucklen-Bear Laboratories, Inc. Elkhart, Ind. Switch. 2,132,920; Oct. 11.

Bear, Paul S., assignor, by mesne assignments, to Bucklen-Bear Laboratories, Inc., Elkhart, Ind. Switch. 2,132,921; Oct. 11.

Bear, Paul S., assignor, by mesne assignments, to Bucklen-Bear Laboratories, Inc., Elkhart, Ind. Switch. 2,132,922; Oct. 11.

Beard, Earl E., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthrimide series. 2,133,072; Oct. 11.

Beck, George C., Spokane, Wash. Abrasive treater. 2,132,600; Oct. 11.

Beck, Ove S., Alameda, assignor of one-half to L. B. Thomas, Berkeley, Calif. Indicating device. 2,132,923; Oct. 11.

Beck, Rudolf, and J. Briscoe, Bridgeport, Conn., assignors, by mesne assignments, to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Method of and apparatus for controlling pressure fluid. 2,133,073; Oct. 11.

Beckman, Fred G., Muskogee, Okla. Logging well formation. 2,132,717; Oct. 11.

Beggs, James E., Schenectady, N. Y., assignor to General Electric Company. Selectivity control. 2,133,128; Oct. 11.

Belden, Albert G., assignor to Norton Company, Worcester, Mass. Cylindrical grinding machine. 2,132,924; Oct. 11.

Bell, Alfred B., Gardner, Mass. Metallic partitioning. 2,132,601; Oct. 11.

Bell Telephone Laboratories, Incorporated. (See Lang, A. G., and Neely, assignors.)

Belshaw, Charles F., Greenville, Mich. Refrigerator. 2,132,602; Oct. 11.

Bemis, Kenneth E., Oakland, Calif. Hot cake server. 2,132,374; Oct. 11.

Bendix Aviation Corporation. (See Reichel, Wladimir A., assignor.)

Benner, Russell E. (See Rand, J. H., Jr., and Benner.)

Bensel, Duryea, assignor, by mesne assignments, to A. Borden, New York, N. Y. Dispensing spout carton. 2,132,925; Oct. 11.

Berchet, Gerard J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aliphatic acid diamide of long chain aliphatic diamines and making the same. 2,132,388; Oct. 11.

Berger, Arthur, Stuttgart-Oberturkheim, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Cylinder of a combustion engine with connected crankcase. 2,132,842; Oct. 11.

Bergez, Robert J., San Francisco, Calif. Wall tile construction. 2,132,982; Oct. 11.

Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Feeding mechanism for shaker conveyers. 2,132,718; Oct. 11.

Berry, Charles F., Boston, Mass. Rubber overshoe. 2,132,523; Oct. 11.

Berry, Christopher H., Toronto, Ontario, Canada. Paper milk bottle. 2,132,672; Oct. 11.

Bertsch, Johann A., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of amino bodies. 2,132,389; Oct. 11.

Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,132,926; Oct. 11.

Best, Frank A., Windsor, Ontario, Canada. Robe rail and forming the same. 2,132,927; Oct. 11.

Bezant, Ronald. (See Finlayson, D., and Bezant.)

Bird, Byron M., and E. F. Muller, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Apparatus for treating mineral materials. 2,132,375; Oct. 11.

Bird, Byron M., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Jigging. 2,132,376; Oct. 11.

Bird, Byron M., and F. P. Smith, assignors to The Jeffrey Manufacturing Company, Columbus, Ohio. Air controlled water jig and valve therefor. 2,132,377; Oct. 11.

Bird, Byron M., and E. F. Muller, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Jig. 2,132,378; Oct. 11.

Bischoff, Kurt, Alterlangen, near Erlangen, C. Niemann, Buckenhof, near Erlangen, H. Wünsch, Erlangen, assignors to The firm Siemens-Reiniger-Werke, Aktiengesellschaft, Berlin, Germany. Unitary Roentgen apparatus. 2,132,673; Oct. 11.

Bishop, Leonard J., assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Pusher dog for conveyer chains. 2,132,455; Oct. 11.

Bixby, Leo A., Kalamazoo, assignor to Clark Equipment Company, Buchanan, Mich. Brake construction. 2,133,074; Oct. 11.

Black, William A., Montclair, N. J., assignor to Fairchild Aerial Camera Corporation, Woodside, Long Island, N. Y. Focal plane camera shutter. 2,133,011; Oct. 11.

Blackshaw, Harold, and M. A. T. Rogers, Blackley, England, assignors to Imperial Chemical Industries Limited. Dyeing cellulose esters and ethers. 2,132,456; Oct. 11.

Blackshaw, Jessie I., Watford, England. Safety harness for a child. 2,132,556; Oct. 11.

Blackshaw, Joseph L., Brooklyn, assignor to W. L. Fleisher, New York, N. Y. Orienting strand material. 2,132,457; Oct. 11.

Blanchard, George R., Chicago, Ill. Drive assembly. 2,132,928; Oct. 11.

Blanchard, Loring W., Jr. (See Malm, C. J., and Blanchard.)

Blau, Henry H., Charleroi, Pa., assignor, by mesne asments, to Corning Glass Works, Corning, N. Y. Diffusing glasses. 2,132,390; Oct. 11.

Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Spinning solution. 2,132,929; Oct. 11.

Bley, Rudolph S. (See Baumert, K., and Bley.)

Bley, Rudolph S., Elizabethon, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Viscose spinning solution. 2,132,930; Oct. 11.

Blumlein, Alan D. (See Bowman-Manifold, M., and Blumlein.)

Blythen, Frank, Hayes, and J. Hardwick, West Drayton, assignors to Electric and Musical Industries Limited, Hayes, England. Receiving device. 2,133,075; Oct. 11.

Bobrov, Samuel H., Gary, Ind., assignor to American Sheet and Tin Plate Company. Treating metal. 2,132,557; Oct. 11.

Bodde, Bernard M., Hollywood, Calif. Translucent projection screen. 2,133,076; Oct. 11.

Boddy, Leonard, Ann Arbor, Mich., assignor to The Anderson Company, Gary, Ind. Electrical indicator. 2,133,077; Oct. 11.

Bohn, Stewart, assignor to Rapinwax Paper Company, St. Paul, Minn. Wrapping paper and making same. 2,132,931; Oct. 11.

Boileau, Arthur H., and A. L. Voggenthaler, assignors to Cherry-Burrell Corporation, Cedar Rapids, Iowa. Refrigerating system. 2,132,932; Oct. 11.

Bollinger, Claude A., Gary, Ind. Metal rolling mill. 2,133,051; Oct. 11.

Boister, John M., assignor to E. Traficante, Minneapolis, Minn. Tremolo device for accordions. 2,133,012; Oct. 11.

Bond Foundry & Machine Company. (See Shreck, I. F., and Mann, assignors.)

Bonis, Caesar, Brooklyn, N. Y. Fur sewing machine. 2,132,379; Oct. 11.

Booth, Leroy W., assignor to Sanford Mills, Sanford, Maine. Making yarn from continuous rayon and staple fiber. 2,132,524; Oct. 11.

Borden, Albert. (See Bensel, Duryea, assignor.)

Borden, Stephen W., Summit, N. J. Ground fitting. 2,132,843; Oct. 11.

Borgfeldt, Frederic R., Middlebury, Ind., assignor, by mesne assignments, to Globe American Corporation, Macomb, Ill. Electric clock. 2,133,052; Oct. 11.

Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Schweizer, Alfred, assignor.)

Boston Wire Stitcher Company. (See Davis, E. W., and Maynard, assignors.)

Bowman-Manifold, Michael, Worplesdon Station, Surrey, and A. D. Blumlein, Ealing, assignors to Electric & Musical Industries Limited, London, England. Cathode ray tube apparatus. 2,132,933; Oct. 11.

Bowman, Otto R. (See Boyland, D. W., Morain, and Bowman.)

Boylan, David W., assignor to The General Paint Corporation, San Francisco, Calif. Pipe coating ironer. 2,132,391; Oct. 11.

Boylan, David W., assignor to The General Paint Corporation, San Francisco, Calif. Pipe coating apparatus. 2,133,014; Oct. 11.

Boylan, David W., San Francisco, Calif., and C. F. Morain, Youngstown, Ohio, assignors to General Paint Corporation, San Francisco, Calif. Pipe coating apparatus. 2,133,013; Oct. 11.

Boylan, David W., San Francisco, Calif., C. F. Morain, Youngstown, Ohio, and O. R. Bowman, Chicago, Ill., assignors to The General Paint Corporation, San Francisco, Calif. Pipe lining or coating machine. 2,133,015; Oct. 11.

Brading, Thomas H., et al. (See Montambo, Samuel T.) assignor.)

Brackenbury, Aloysius G., London, England, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Slack adjuster. 2,132,934; Oct. 11.

Brantly, John E., Birmingham, Ala., assignor to Drilling and Exploration Company, Inc., Dover, Del. Control apparatus for drilling wells. 2,133,016; Oct. 11.

Brantly, John E., Avenal, Calif., and J. M. Shimer, assignors to Oil Well Supply Company, Dallas, Tex. Rotary drilling apparatus. 2,133,017; Oct. 11.

Braune, Carl, Worcester, Mass., and E. J. Reardon, East Haven, Conn., assignors to The American Steel and Wire Company of New Jersey. Tractor type carriage. 2,132,558; Oct. 11.

Breidenbaugh, Christian P. (See Turner, J. F., and Breidenbaugh.)

Brice, Bryan F. and P. B., Cook County, assignors to Durable Materials Patent Corporation, Chicago, Ill. Making cementitious composition of matter. 2,133,245; Oct. 11.

Brice, Paul B. (See Brice, Bryan F. and P. B.)

Brickner, Julius, Brooklyn, N. Y., assignor to C. H. D. Robbins Co., Inc. Filled lace. 2,132,603; Oct. 11.

Brigg, John E., and J. N. Gibson, London, England, assignors to Callender's Cable and Construction Company, Limited. Pressure actuated signaling device. 2,133,129; Oct. 11.

Briggs Manufacturing Company. (See Wexelberg, Clarence E., assignor.)

Bright, Claude H., Memphis, Tenn. Ink pad. 2,132,719; Oct. 11.

Brightman, Paul, Oteen, and G. C. Stewart, Asheville, N. C., said Brightman assignor to said Stewart. Adjustable back support. 2,133,223; Oct. 11.

Brill, George L., New York, N. Y. Hosiery. 2,132,844; Oct. 11.

Brindley, Ben C., et al. (See Baker, Donald J., assignor.)

Briscoe, James. (See Beck, R., and Briscoe.)

British Rubber Producers' Research Association, The. (See Stevens, H. P., and Popham, assignors.)

Brittain, Richard J., Jr. (See Gibbons, H. R., and Brittain.)

Broden, Edwin H., Swissvale, Pa., assignor to The American Steel and Wire Company of New Jersey. Handle for reels. 2,132,559; Oct. 11.

Brown Company. (See Schur, Milton O., assignor.)

Brown, Howard J., Cawker City, Kans. X-Ray apparatus. 2,132,774; Oct. 11.

Brown Instrument Company, The. (See Harrison, T. R., Grauel, and Kessler, assignors.)

Brown & Sharpe Manufacturing Company. (See Rich, Charles A., assignor.)

Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Aromatic polyether amines. 2,132,674; Oct. 11.

Bruson, Herman A., and J. W. Eastes, assignors to Röhm & Haas Company, Philadelphia, Pa. Acylated ethers and making same. 2,132,675; Oct. 11.

Buchstein, Ferdinand, Minneapolis, Minn. Supra-pubic drain appliance. 2,133,130; Oct. 11.

Bucklen-Bear Laboratories, Inc. (See Bear, Paul S., assignor.)

Bucklen-Bear Laboratories, Inc. (See Bear, P. S., and Bucklen, assignors.)

Burchall, Harold, Kingswood, England. Portable adjustable chair. 2,132,525; Oct. 11.

Burrow, Herbert T., assignor to Malleable Iron Range Company, Beaver Dam, Wis. Combination coal-wood electric range. 2,133,184; Oct. 11.

Buser, John A., assignor to Lebanon Paper Box Company, Lebanon, Pa. Display carton. 2,132,526; Oct. 11.

Bush, Rankin J., Jeannette, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake valve. 2,132,935; Oct. 11.

Burns, Jabez & Sons, Inc. (See Morgan, Joseph B., assignor.)

Butty, Carlos, Buenos Aires, Argentina. Container. 2,133,185; Oct. 11.

C-O-Two Fire Equipment Company. (See Allen, Scott E., assignor.)

Caesar, George V., assignor to Stein, Hall & Company, Inc., New York, N. Y. Water-resistant fabric. 2,132,527; Oct. 11.

Cahill, Gerald, Chicago, Ill. Razor blade. 2,133,018; Oct. 11.

Call, George M., New York, N. Y. Trap. 2,132,983; Oct. 11.

Callender, Albert, Winnington, Northwich, England, assignor to Imperial Chemical Industries Limited. Automatic control of variable physical characteristics. 2,133,246; Oct. 11.

Callender's Cable and Construction Company. (See Brigg, J. E., and Gibson, assignors.)

Campbell, Charles H., Kent, Ohio. Treatment of leather. 2,133,224; Oct. 11.

Campbell, Herbert F., assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Cone crusher. 2,132,508; Oct. 11.

Campbell, Stanley T., assignor to The Aetna Rubber Company, Cleveland, Ohio. Mold. 2,133,019; Oct. 11.

Campbell, Sumner E., Long Beach, Calif. Treating emulsions. 2,133,186; Oct. 11.

Carnegie Steel Company. (See Wells, J. H., and Wilson, assignors.)

Carroll, Burt H., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,132,866; Oct. 11.

Carruthers, Thomas F. (See Cox, H. L., and Carruthers.)

Carter, Lionel A., Webster Groves, Mo. Hair drier. 2,133,078; Oct. 11.

Carthage Mills Incorporated. (See Greiser, Melvin R., assignor.)

Casablancas, Fernando, Sabadell, Spain. Closure for sealing bottles and like receptacles. 2,132,775; Oct. 11.

Cassidy, Arthur R., et al. (See Elder, Frank T.)

Castner, James B., Woodbury, N. J., and M. C. Knake, Washburn, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of trinitrotoluene. 2,132,845; Oct. 11.

Caterpillar Tractor Co. (See Rosén, Carl G. A., assignor.)

Celanese Corporation of America. (See Dickie, W. A., and Hale, assignors.)

Celanese Corporation of America. (See Finlayson, D., and Bezant, assignors.)

Central Carton Company, The. (See Mahone, Thomas W., assignor.)

Chalker, Albert R., Wesleyville, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc. (1922). New York, N. Y. Locomotive stoker. 2,132,392; Oct. 11.

Challenor, William A. P., Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Purification and granulation of pentaerythritol tetranitrate. 2,132,458; Oct. 11.

Chamberlin Metal Weather Strip Co. (See Julien, Louis F., assignor.)

Chance, Britton, Mantoloking, N. J. Automatic steering means. 2,132,676; Oct. 11.

Chance, Britton, Mantoloking, N. J. Automatic steering means. 2,132,677; Oct. 11.

Chaney, Alpha A., Fort Worth, Tex. Slurry drier for cement plants. 2,132,984; Oct. 11.

Chase, Kenneth N., Montclair, N. J., assignor to Vick Chemical Company, Wilmington, Del. Carton. 2,132,604; Oct. 11.

Cheeseman, Charles H. (See Robbins, Charles F.)

Cheney, Charles W., Soho, Birmingham, England. Fastening for suitcases and the like. 2,133,131; Oct. 11.

Cheney, Charles W., Soho, Birmingham, England. Key for locks. 2,133,187; Oct. 11.

Cherry-Burrell Corporation. (See Boileau, A. H., and Voggenthaler, assignors.)

Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Cylinder head. 2,132,605; Oct. 11.

Christensen, Cecile W. (See Christensen, Jakob V. C. T., Jr., assignor.)

Christensen, Jakob V. C. T., Jr., Sierra Madre, assignor to Cecile W. Christensen, Los Angeles, Calif. Vegetable cooling spray. 2,132,720; Oct. 11.

Cincinnati Milling Machine Company, The. (See Pope, H. L., and Squibb, assignors.)

Claff, Clarence L., Randolph, Mass. Paper box, lid, or the like. 2,132,776; Oct. 11.

Claggett, Albert D., Denver, Colo. Mechanical pencil. 2,132,777; Oct. 11.

Clamann, Gerhard, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Reproducing balanced sound records. 2,133,132; Oct. 11.

Clark Controller Company, The. (See Colbert, Lester H., assignor.)

Clark Equipment Company. (See Bixby, Leo A., assignor.)

Clark Equipment Company. (See Gettig, Joseph H., assignor.)

Clark Equipment Company. (See Ormsby, Donald D., assignor.)

Clark, Percy L., Jr., Chicago, Ill. Inserter for diaphragms. 2,133,079; Oct. 11.

Clark, Samuel C., assignor to Baldwin Rubber Company, Pontiac, Mich. Floor covering and the like. 2,132,936; Oct. 11.
Clarke, Harold E., Somerville, Mass. Clutch control means. 2,132,721; Oct. 11.
Claus, William H., Downers Grove, Ill., assignor to The Union Switch & Signal Company, Swissvale, Pa. Interlocking relay. 2,132,528; Oct. 11.
Clorox Chemical Co. (See Barton, Larry J., assignor.)
Clyde Paper Company Limited. (See Inglis, John, assignor.)
Coakley, William E., assignor to Pressed Steel Tank Company, Milwaukee, Wis. Metal container. 2,132,722; Oct. 11.
Cobb, Robert S. (See Moore, W. B., and Cobb.)
Cockcroft, Burgess, Chicago, Ill. Device for washing automobiles. 2,132,459; Oct. 11.
Coca-Cola Company, The. (See Stout, George P., assignor.)
Coith, Herbert S. (See Richardson, A. S., Coith, and Votaw.)
Coith, Herbert S., A. S. Richardson, and V. M. Votaw, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Shortening and making same. 2,132,393; Oct. 11.
Coith, Herbert S., A. S. Richardson, and V. M. Votaw, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Shortening and making same. 2,132,394; Oct. 11.
Coith, Herbert S., A. S. Richardson, and V. M. Votaw.
Coith, Herbert S., A. S. Richardson, and V. M. Votaw, Cincinnati, Ohio. Compositions of matter. 2,132,395; Oct. 11.
Coith, Herbert S., A. S. Richardson, and V. M. Votaw, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Baked goods and making same. 2,132,396; Oct. 11.
Coith, Herbert S., A. S. Richardson, and V. M. Votaw, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Baked goods and making same. 2,132,397; Oct. 11.
Coith, Herbert S., A. S. Richardson, and V. M. Votaw, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Shortening and making same. 2,132,398; Oct. 11.
Colbert, Lester H., Cleveland Heights, assignor to The Clark Controller Company, Cleveland, Ohio. Electric control for power presses and the like. 2,133,161; Oct. 11.
Colbeth, Ivor M., East Orange, N. J., assignor to The Baker Castor Oil Company, New York, N. Y. Fluid composition. 2,133,080; Oct. 11.
Cole, Alfred R., Mountsorrel, England. Knitted fabric and the production thereof. 2,132,778; Oct. 11.
Collins, Richard, et al. (See Hönig, Heinrich, assignor.)
Colvin, Henry F., assignor to The Silicocke-Miller Company, South Orange, N. J. Decorated article and making same. 2,133,081; Oct. 11.
Combustion Engineering Company. (See Smith, Alfred R., assignor.)
Cone, Carroll, Alton, Ill., assignor to Owens-Illinois Glass Company. Method of and apparatus for decorating bottles and like articles. 2,132,818; Oct. 11.
Conforti, Samuel S., assignor of one-half to S. Di Antoni, Kenosha, Wis. Combination lamp, heater, and fan. 2,133,188; Oct. 11.
Cook, Stanley S., assignor to C. A. Parsons and Company Limited, Newcastle-on-Tyne, England. Turbine. 2,132,509; Oct. 11.
Cooke, George T., assignor to American Railway Products Company, Inc., South Norwalk, Conn. Coupling and lock. 2,132,779; Oct. 11.
Cooper, Himen, Brooklyn, N. Y. Leather cemented articles. 2,132,399; Oct. 11.
Cornell-Dubilier Corporation. (See Dubilier, William, assignor.)
Corning Glass Works. (See Blau, Henry H., assignor.)
Courtney, Charles, New York, N. Y. Lock construction. 2,132,606; Oct. 11.
Cowan, Frank A., New York, N. Y., assignor to American Telephone and Telegraph Company. Signal distortion measuring device. 2,132,678; Oct. 11.
Cox, Henry G., Beloit, Wis. Magneto rotor. 2,133,082; Oct. 11.
Cox, Henry G., Hollywood, Fla. Magneto rotor. 2,133,083; Oct. 11.
Cox, Henry L., and T. F. Carruthers, South Charleston, W. Va., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Esters of glycol ethers. 2,132,679; Oct. 11.
Crickmer, Charles S., and R. A. Lamb, assignors to Merla Tool Company, Dallas, Tex. Packing element. 2,132,723; Oct. 11.
Crisp, Park P., Stow, and W. E. Haggan, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for making rubber fenders. 2,132,819; Oct. 11.
Crosley Radio Corporation, The. (See Money, Roland H., assignor.)
Crosley Radio Corporation, The. (See Myers, William H., assignor.)
Crossman, Theodore C., Wilkinsburg, assignor to The American Brake Company, Swissvale, Pa. Brake rigging. 2,133,162; Oct. 11.
Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Film locking mechanism. 2,132,680; Oct. 11.
Cumfer, Harry A., assignor to United States Gypsum Company, Chicago, Ill. Cutting device. 2,132,460; Oct. 11.
Curren Fabrihome Corporation, The. (See Curren, Harold S., assignor.)
Curren, Harold S., Rochester, N. Y., assignor to The Curren Fabrihome Corporation, Willoughby, Ohio. Electrical wiring system for buildings. 2,132,400; Oct. 11.
Currier, Leslie A., North Charlestown, N. H., assignor to Sullivan Machinery Company. Scraper loading apparatus. 2,132,401; Oct. 11.
Curtiss, Emils B., Litchfield, Minn. Oil pan for crankcases. 2,132,402; Oct. 11.
Cushman, Orville E. (See Davis, W. N., Cushman, and Fratis.)
Cutler-Hammer, Inc. (See Meuer, George J., assignor.)
Dahlen, Miles A., Wilmington, Del., and M. E. Friedrich, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Water-insoluble monoazo dye. 2,132,846; Oct. 11.
Daimler-Benz Aktiengesellschaft. (See Berger, Arthur, assignor.)
Daimler-Benz Aktiengesellschaft. (See Nallinger, Fritz, assignor.)
Dale, Carroll R., Wink, Tex. Washing machine. 2,132,891; Oct. 11.
Dalton, Harold R., Teaneck, N. J., assignor to J. S. Ware, New York, J. F. Leete, Chappaqua, N. Y., and himself. Plasticizer and producing same. 2,132,724; Oct. 11.
Dalton, John T., assignor to Wright-Dalton Machinery Company, Durham, N. C. Article counting and stacking mechanism. 2,133,189; Oct. 11.
Dalton, Noel L., Wewoka, Okla. Liquid level control apparatus. 2,133,190; Oct. 11.
Danner, Hermann, Stuttgart, assignor to the firm Fortuna-Werke Spezialmaschinen-Fabrik Aktiengesellschaft, Stuttgart-Cannstatt, Germany. Device for dressing grinding wheels. 2,133,191; Oct. 11.
Davidson, Booker W., Michigan City, Ind. Sewing machine. 2,132,892; Oct. 11.
Davis, Anthony E., Philadelphia, Pa. Concrete insert. 2,133,134; Oct. 11.
Davis, Arthur P., New York, assignor to Arma Engineering Co., Inc., Brooklyn, N. Y. Log system for ships. 2,133,133; Oct. 11.
Davis, Calvin V. (See Stewart, S. W., and Davis.)
Davis, Charles W. (See Dean, R. S., and Davis.)
Davis, Durrel H., assignor to Spencer Trailer Company, Augusta, Kans. Axle. 2,132,725; Oct. 11.
Davis, Elmer W., Newton Center, Mass., and A. H. Maynard, Warwick, R. I., assignors to Boston Wire Stitcher Company, Portland, Maine. Identification and recording device. 2,132,403; Oct. 11.
Davis, Ernest W., Oak Park, assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 2,133,084; Oct. 11.
Davis, Harry A., Hopedale, Mass. Automatic shuttle for looms. 2,132,461; Oct. 11.
Davis, James H., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making bearings. 2,132,867; Oct. 11.
Davis, Theophilus A., Los Angeles, Calif. Racket frame. 2,132,780; Oct. 11.
Davis, William N., O. E. Cushman, and J. E. Fratis, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Bituminous emulsions and producing same. 2,132,607; Oct. 11.
Davis, William H. H., and L. Markel, assignors to United States Appliance Corporation, San Francisco, Calif. Chemical heating pad. 2,132,681; Oct. 11.
Dean, Reginald S., Washington, D. C., and C. W. Davis, Pittsburgh, Pa. Separating magnetic material. 2,132,404; Oct. 11.
Debus, Sander, Hastings, Nebr., assignor to U. S. Slicing Machine Company. Sheeting machine. 2,132,937; Oct. 11.
Deckard, Charles L., Tulsa, Okla. Polished rod grip. 2,132,781; Oct. 11.
Deckel, Friedrich. (See Zwick, Kurt, assignor.)
Decker, George, Cincinnati, Ohio. Electric heater. 2,133,163; Oct. 11.
Deere & Company. (See Johnson, Ellsworth T., assignor.)
Deere & Company. (See Silver, Walter H., assignor.)
Deere & Company. (See Tuft, Miles H., assignor.)
De Lancey, Warren H. (See Logan, J. A., and De Lancey.)
Delaval-Crow, Thomas C. (See Murden, W. T., and Delaval-Crow.)
Delta-Star Electric Company. (See Hampton, Weldon O., assignor.)
Delta-Star Electric Company. (See Hampton, W. O., and Nessler, assignors.)
Denelsbeck, David, Huntington, W. Va., assignor to Owens-Illinois Glass Company. Method and apparatus for decorating articles. 2,132,868; Oct. 11.
Detroit Lubricator Company. (See Hann, Albert G., assignor.)
Deutsche Hydrierwerke Aktiengesellschaft. (See Schrauth, Walther, assignor.)
Di Antoni, Sante. (See Conforti, Samuel S., assignor.)
Dickey, Joseph B. (See McNally, J. G., and Dickey.)

Dickhauser, Ewald. (See Voss, A., Dickhauser, Starck, and Jochum.)
Dickie, William A., and F. C. Hale, Spondon, near Derby, England, assignors to Celanese Corporation of America. Thread-tensioning device for circular loom shuttles. 2,132,462; Oct. 11.
Dictaphone Corporation. (See Norton, Leland D., assignor.)
Dietrich, Melvin A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricating oil. 2,132,847; Oct. 11.
Dixie-Vortex Company. (See Barbieri, Cesare, assignor.)
Dodge, H. B., and Company. (See Pratt, Raymond C., assignor.)
Dodge, John D. (See Knott, Frank W., assignor.)
Donovan, Alfred F., Boston, assignor to E. T. Wright & Company, Inc., Rockland, Mass. Manufacture of footwear. 2,133,164; Oct. 11.
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Gearing. 2,133,135; Oct. 11.
Dorr Company, The. (See Talbot, Henry J., assignor.)
Dowty, George H., Cheltenham, England. Tail wheel and the like for aircraft. 2,132,682; Oct. 11.
Draeger, Rupert H., U. S. Navy. Fine grain translucent screen. 2,132,405; Oct. 11.
Draper, William V., Palms, Calif. Transition of scenes on a motion picture film. 2,133,085; Oct. 11.
Drilling and Exploration Company. (See Brantly, John E., assignor.)
Dubilier, William, New Rochelle, N. Y., assignor to Cornell-Dubilier Corporation. Electrical condenser. 2,133,086; Oct. 11.
Dunaway, Sanford J., assignor to The Expello Corporation, Dover, N. H. Grooming device. 2,132,820; Oct. 11.
Dunlop Rubber Company Limited. (See Anderson, J., and Langstreth, assignor.)
Dunn, William G., Clarinda, Iowa. Antenna for moving vehicles. 2,132,938; Oct. 11.
Duplex Totalizators Proprietary Limited. (See Watson, H. G., and Mitchell, assignors.)
Du Pont, E. I., de Nemours & Company. (See Beard, Earl E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Berchet, Gerard J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Castner, J. B., and Knake, assignors.)
Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., and Friedrich, assignors.)
Du Pont, E. I., de Nemours & Company. (See Dietrich, Melvin A., assignor.)
Du Pont, E. I. de Nemours & Company. (See Greenewalt, C. H., and Rigby, assignors.)
Du Pont, E. I., de Nemours & Company. (See Kerr, Charles P., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lenher, Samuel, assignor.)
Du Pont, E. I., de Nemours & Company. (See Parker, Harold H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Rothrock, Henry S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Strain, Daniel E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Williams, L., and Smith, assignors.)
Durable Materials Patent Corporation. (See Brice, Bryan F. and P. B., assignors.)
Eagle Signal Corporation. (See Freeberg, Ernest R., assignor.)
Eagle Signal Corporation. (See Turner, H. L., and Anderson, assignors.)
Eastes, John W. (See Bruson, H. A., and Eastes.)
Eastman Kodak Company. (See Carroll, Burt H., assignor.)
Eastman Kodak Company. (See Crumrine, Chester W., assignor.)
Eastman Kodak Company. (See Farmen, Donald R., assignor.)
Eastman Kodak Company. (See Fordyce, C. R., and Salo, assignors.)
Eastman Kodak Company. (See Malm, C. J., and Blanchard, assignors.)
Eastman Kodak Company. (See McFarlane, John W., assignor.)
Eastman Kodak Company. (See McNally, J. G., and Dickey.)
Eastman Kodak Company. (See Mihalyi, Joseph, assignor.)
Eastman Kodak Company. (See Milhorn, Samuel G., assignor.)
Eastman Kodak Company. (See Nadeau, Gale F., assignor.)
Eastman Kodak Company. (See Nagel, August, assignor.)
Eastman Kodak Company. (See Smith, Henry B., assignor.)
Eastman Kodak Company. (See Wittel, Otto, assignor.)
Eastman Kodak Company. (See Wittel, O., and Martin, assignors.)
Eastman Kodak Company. (See Young, D'Arcy A., Jr., assignor.)
Eaton, George R., Denver, Colo. Belt buckle. 2,132,608; Oct. 11.
Eckey, Eddy W. (See Richardson, A. S., and Eckey.)
Educational Laboratories, Inc. (See Taylor, Carl C. and J. Y., assignors.)
Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Photographic printing. 2,132,893; Oct. 11.
Ehrlich, Jacob, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Infinitely variable transmission. 2,132,726; Oct. 11.
Ehrlich, Samuel D. (See Palmieri, Mario, assignor.)
Eisen- und Stahlwerk Walter Peyinhaus. (See Bary, Victor A., assignor.)
Eisenberg, Irwin W., Alhambra, and F. W. Falck, Hollywood, Calif. Amusement device. 2,133,165; Oct. 11.
Elder, Frank T., Bakersfield, Calif., assignor of fifty-one one-hundredths to F. T. Elder, twenty-four and one-half one-hundredths to E. W. Smith, and twenty-four and one-half one-hundredths to A. R. Cassidy. Lock nut. 2,132,821; Oct. 11.
Electric and Musical Industries Limited. (See Blythen, F., and Hardwick, assignors.)
Electric & Musical Industries Limited. (See Bowman-Manifold, M., and Blumlein, assignors.)
Electric Arc Cutting & Welding Company. (See Holslag, Claude J., assignor.)
Ellinger, Flora, Milwaukee, Wis. Water replenishing utensil cover. 2,132,609; Oct. 11.
Ellinger, Flora, Milwaukee, Wis. Combination garment. 2,132,610; Oct. 11.
Ellinger, Flora, Milwaukee, Wis. Flatiron support. 2,132,611; Oct. 11.
Ellis-Foster Company. (See Penniman, William B. D., assignor.)
Elmer, Robert B., assignor of two-thirds to L. G. Mouchel and Partners, Limited, and P. J. Gerard, Westminster, London, England. Construction of water cooling towers. 2,132,939; Oct. 11.
Engineering Products Corporation. (See Thomson, Frederick B., assignor.)
En Holm, Norman, New York, N. Y., assignor to Multi Vue Signs Co., Inc. Mirror sign. 2,132,472; Oct. 11.
En Holm, Norman, New York, N. Y., assignor to Multi Vue Signs Co., Inc. Mirror sign and electric circuits therefor. 2,132,473; Oct. 11.
En Holm, Norman, New York, N. Y., assignor to Multi Vue Signs Co., Inc. Mirror sign with an electric clock. 2,132,474; Oct. 11.
En Holm, Norman, New York, N. Y., assignor to Multi Vue Signs Co., Inc. Mirror sign for advertising or the like. 2,132,475; Oct. 11.
En Holm, Norman, New York, N. Y., assignor to Multi Vue Signs Co., Inc. Combination mirror and clock. 2,132,476; Oct. 11.
Epstein, Albert K. (See Reynolds, M. C., Harris, and Epstein.)
Epstein, Albert K., and B. R. Harris, Chicago, Ill., assignors to The Procter & Gamble Company, Cincinnati, Ohio. Making shortening. 2,132,406; Oct. 11.
Ericsson, Eric W., Brooklyn, N. Y. Scraper. 2,133,087; Oct. 11.
Esnard, Miguel, Matanzas, assignor to Shelby Hart Rowlett, Habana, Cuba. Washer for faucets. 2,132,894; Oct. 11.
Estate Stove Company, The. (See Kahn, Bertrand B., assignor.)
Etten, Nicholas L. (See Voss, W. K., and Etten.)
Ettinger, Armin. (See Baumann, K., and Ettinger.)
Eula, Marte. (See Mednick, M., and Eula.)
Evans, Wayne S. (See Rosenberg, F., Evans, and Lutz.)
Expello Corporation. (See Dunaway, Sanford J., assignor.)
Faber, Herbert A., Cincinnati, Ohio. Expansion providing roof structure. 2,133,088; Oct. 11.
Fairchild Aerial Camera Corporation. (See Black, William A., assignor.)
Falck, Fritz W. (See Eisenberg, I. W., and Falck.)
Fanner Manufacturing Company, The. (See Schane, Edward H., assignor.)
Farles, Robert, St. Davids, Pa. Truck. 2,132,612; Oct. 11.
Farmen, Donald R., assignor to Eastman Kodak Company, Rochester, N. Y. Camera attachment. 2,132,683; Oct. 11.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Air strainer. 2,132,940; Oct. 11.
Farrel-Birmingham Company. (See Kuhns, Austin, assignor.)
Faultless Manufacturing Company, The. (See Hardle, Harry, assignor.)
Fehrenbach, Anton, New York, N. Y. Slip-on shower spray holder. 2,133,020; Oct. 11.
Feldman, Morris, Philadelphia, Pa. Skylight. 2,132,848; Oct. 11.
Felix, Friedrich, and J. Scheidegger, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs and making the same. 2,132,560; Oct. 11.
Felix, Friedrich, and J. Scheidegger, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs. 2,132,561; Oct. 11.
Ferguson, George K. S., assignor to The Baltimore Paper Box Company, Baltimore, Md. Package. 2,133,021; Oct. 11.
Fernbach, Auguste, Paris, France. New plastic material and manufacturing the same. 2,132,782; Oct. 11.

Fewster, James F., Morrisville, Pa. Garment hanger. 2,132,895; Oct. 11.
Fibreboard Products, Inc. (See Hill, Forrest W., assignor.)
Finlayson, Donald, and R. Bezant, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of artificial materials. 2,132,463; Oct. 11.
Floroni, Walter. (See Moser, W., and Floroni.)
Firestone Tire & Rubber Company, The. (See Crisp, P. P., and Haggan, assignors.)
Firestone Tire & Rubber Company. (See Stevens, Horace D., assignor.)
Firestone Tire & Rubber Company, The. (See Stevens, H. D., and Allen, assignors.)
Firestone Tire & Rubber Company, The. (See Workman, C. E., and Kubaugh, assignors.)
Firner, William B., Detroit, Mich. Airplane construction. 2,132,529; Oct. 11.
First National Bank of Chicago et al., executor. (See Reynolds, M. C., Harris, and Epstein.)
Fisher, Robert P., assignor of fifty-one per cent to R. Pageman, and twenty-four per cent to P. W. Koontz, Los Angeles, Calif. Rotary drill bit. 2,133,022; Oct. 11.
Fitch, Ellery R., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,132,914; Oct. 11.
Fleisger, Walter L. (See Blackshaw, Joseph L., assignor.)
Flygare, Carl G., assignor to Norton Company, Worcester, Mass. Roll grinding machine. 2,132,941; Oct. 11.
Flynn & Emrich Company. (See Turner, J. F., and Breidenbaugh, assignors.)
Food Machinery Corporation. (See Paxton, H., and O'Donnell, assignors.)
Foote, James W., Highland, Calif., assignor, by mesne assignments, to Pestco Laboratories, Inc. Vertical dust applicator. 2,132,727; Oct. 11.
Forbes Lithograph Manufacturing Company, The. (See Nelson, George S., assignor.)
Ford, Henry, H. W. Simpson, and A. O. Roberts, assignors to Ford Motor Company, Dearborn, Mich. Transmission. 2,132,728; Oct. 11.
Ford Motor Company. (See Galamb, J., and Kramer, assignors.)
Ford Motor Company. (See Ford, H., Simpson, and Roberts, assignors.)
Fordyce, Charles R., and M. Salo, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose acetate lacquers containing oxidized cellulose acetate. 2,132,869; Oct. 11.
Forsyth, Arthur W., Maplewood, assignor to Wallace Pencil Company, St. Louis, Mo. Pencil and eraser. 2,132,942; Oct. 11.
Fortuna-Werke Spezialmaschinen-Fabrik Aktiengesellschaft. (See Danner, Hermann, assignor.)
Foster, Edward A., Borger, Tex. Crankshaft dressing tool. 2,133,192; Oct. 11.
Fowler, Thomas P., Pittsburgh, Pa. Pitchometer. 2,132,407; Oct. 11.
Francis, Lynn M., Birmingham, assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Movable deck for vehicles. 2,132,464; Oct. 11.
Françon, Jacques, Paris, assignor to Société Industrielle des Carburants et Solvants, Ivry sur Seine, France. Hydrogenation catalyst. 2,132,613; Oct. 11.
Franklin, Stephens, Chicago, Ill. Grille structure for accordions. 2,133,089; Oct. 11.
Fratis, Joseph E. (See Davis, W. N., Cushman, and Fratis.)
Frazier, William G., Philadelphia, Pa. Automatically ignited and extinguished hot water shaving brush. 2,132,943; Oct. 11.
Freeberg, Ernest R., assignor to Eagle Signal Corporation, Moline, Ill. Variable timer. 2,133,247; Oct. 11.
Freeman, Samuel, New York, N. Y. Metal closure and cap for jars, bottles, and the like. 2,132,944; Oct. 11.
Frey, Albert, Riehen, near Basel, and H. M. Wüest, Arlesheim, near Basel, Switzerland, assignors to Hoffman-LaRoche Inc., Nutley, N. J. Obtaining morphine and codeine. 2,132,945; Oct. 11.
Friedrich, Martin E. (See Dahlen, M. A., and Friedrich.)
Friedman, Morris, Chicago, Ill. Pressing machine. 2,132,562; Oct. 11.
Fritsche, Susanne E., St. George, Staten Island, N. Y. Individual coffee or tea bag and separate cover. 2,133,166; Oct. 11.
Fritts, Wilfred G., Lexington, N. C. Tire tread remover. 2,132,896; Oct. 11.
Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,132,946; Oct. 11.
Fruit & Produce Packing, Inc. (See Mohler, Ernest E., assignor.)
Gagne, Gideon R., assignor to Snap-On Tools, Inc., Kenosha, Wis. Tube flaring device. 2,132,947; Oct. 11.
Galamb, Joseph, and C. F. Kramer, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Automobile seat construction. 2,132,729; Oct. 11.
Gallup, George B., Bradenton, Fla. Fireplace heater. 2,132,563; Oct. 11.
Gardner, Daniel, Rueil-Malmaison, France, assignor to Studien und Verwertungs-Aktiengesellschaft, Neuhausen, Switzerland. Production of magnesium or alloys thereof. 2,132,408; Oct. 11.
Gardner, Leland A., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Printing telegraph automatic exchange system. 2,132,684; Oct. 11.
Gast, Ernest A., Cincinnati, Ohio. Lawn trimming device. 2,132,465; Oct. 11.
Gaylord Container Corporation. (See Williams, Benjamin M., assignor.)
Gebert, Albert E. (See Richardson, M. H., and Gebert.)
Gebhardt, Willard A., and E. J. Radtke, Milwaukee, Wis. Refrigerator unit. 2,132,985; Oct. 11.
Gedeon, Joseph J., Fort Lauderdale, Fla. Vehicle trailer. 2,132,409; Oct. 11.
Geier, Hermann. (See Jochum, K., and Geier.)
Gemignani, Hugo, Baltimore, Md. Coat construction. 2,133,193; Oct. 11.
General Aniline Works, Inc. (See Jochum, K., and Geier, assignors.)
General Aniline Works, Inc. (See Koeberle, K., and Ploetz, assignors.)
General Aniline Works, Inc. (See Voss, A., Dickhauser, Starck, and Jochum, assignors.)
General Electric Company. (See Beggs, James E., assignor.)
General Electric Company. (See Doran, John H., assignor.)
General Electric Company. (See Hamacher, Fritz, assignor.)
General Electric Company. (See Hermann, Benjamin R., assignor.)
General Electric Company. (See Holm-Hansen, Osmund, assignor.)
General Electric Company. (See Larrecq, Anthony J., assignor.)
General Electric Company. (See Rich, Theodore A., assignor.)
General Electric Company. (See Schigyo, Iwane, assignor.)
General Electric Company. (See Snyder, William B., assignor.)
General Electric Company. (See Ver Planck, D. W., and Seaman, assignors.)
General Electric Company. (See Weston, Frederick H., assignor.)
General Foods Corporation. (See Olsen, A. G., and Stuewer, assignors.)
General Motors Corporation. (See Davis, James H., assignor.)
General Motors Corporation. (See Ehrlich, Jacob, assignor.)
General Motors Corporation. (See Geyer, Harvey D., assignor.)
General Motors Corporation. (See Gibbons, H. R., and Brittain, assignors.)
General Motors Corporation. (See Kucher, Andrew A., assignor.)
General Motors Corporation. (See Large, Samuel R., assignor.)
General Motors Corporation. (See Murden, William T., assignor.)
General Motors Corporation. (See Murden, W. T., and Delaval-Crow, assignors.)
General Motors Corporation. (See Summers, Otto M., assignor.)
General Motors Corporation. (See Werner, Calvin J., assignor.)
General Paint Corporation, The. (See Boylan, David W., assignor.)
General Paint Corporation. (See Boyland, D. W., and Morain, assignors.)
General Paint Corporation. (See Boyland, D. W. Morain, and Bowman, assignors.)
General Paint Corporation, The. (See Morain, Clifford F., assignor.)
General Patents, Limited. (See McRae, Randolph J., assignor.)
General Shaver Corporation. (See Rand, J. H., Jr., and Benner, assignors.)
General Tile Corporation, et al. (See Philo, Frank A., assignor.)
Gentele, Johan G. W., Stockholm, Sweden. Method of and apparatus for drying substances which contain liquids. 2,132,897; Oct. 11.
George, Jerome R., Marion, Mass. Stock feeding and handling apparatus for rolling mills. 2,133,090; Oct. 11.
Gerard, Pierre Joseph, et al. (See Elmer, Robert B.)
Gettig, Joseph H., assignor to Clark Equipment Company, Buchanan, Mich. Axle and forming same. 2,133,091; Oct. 11.
Gettig, Joseph H., assignor to Clark Equipment Company, Buchanan, Mich. Forming an axle housing. 2,133,092; Oct. 11.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Hydraulic brake. 2,132,730; Oct. 11.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Electric connecter plug. 2,132,870; Oct. 11.
Gholston, Jabez G., Washington, D. C. Current motor. 2,133,023; Oct. 11.
Gibbons, Harold R., Chatham, and R. J., Brittain, Jr., Bloomfield, N. J., assignors to General Motors Corporation, Detroit, Mich. Journal box. 2,133,024; Oct. 11.

Gibson, James N. (See Brigg, J. E., and Gibson.)
Gil, Joseph V., Esher, England. Prime mover dynamo plant. 2,132,768; Oct. 11.
Gilbert & Barker Manufacturing Company. (See Logan, Joseph A., assignor.)
Gilbert & Barker Manufacturing Company. (See Logan, J. A., and De Lancey, assignors.)
Gillette Safety Razor Company. (See Muros, Joseph, assignor.)
Glass, John V. S., Sutton Weaver, near Warrington, and B. W. Hirsh, Runcorn, England, assignors to Imperial Chemical Industries, Limited. Manufacture of gelatin. 2,132,822; Oct. 11.
Glidden Company, The. (See Klinker, Louis G., assignor.)
Globe American Corporation. (See Borgfeldt, Frederic R., assignor.)
Globe-Union Inc. (See Stoekle, Erwin R., assignor.)
Goertzen, William S., Newton, Kans. Float with signal lamp. 2,132,510; Oct. 11.
Goldberg, Isaac, assignor to Master Steam Equipment Company, Los Angeles, Calif. Vacuum steam valve. 2,132,731; Oct. 11.
Goldberg, Isaac, assignor to Master Steam Equipment Company, Los Angeles, Calif. Steam boiler. 2,132,732; Oct. 11.
Goldberg, Jacob, New York, N. Y. Combination apron and play suit. 2,132,466; Oct. 11.
Goldmark, Peter C., Brooklyn, assignor to Markia Corporation, New York, N. Y. Electron discharge device. 2,132,783; Oct. 11.
Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,133,136; Oct. 11.
Gollwitzer, Walter T., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Selective printing machine. 2,132,410; Oct. 11.
Gollwitzer, Walter T., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing machine. 2,132,411; Oct. 11.
Gollwitzer, Walter T., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing and control device. 2,132,412; Oct. 11.
Gollwitzer, Walter T., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing machine. 2,132,413; Oct. 11.
Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,132,414; Oct. 11.
Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,132,415; Oct. 11.
Goodman Manufacturing Company. (See Bergmann, Ernst R., assignor.)
Goodman Manufacturing Company. (See Stoltz, Charles E., assignor.)
Goodwin, William D., Glen Ellyn, assignor to Union Special Machine Company, Chicago, Ill. Folder. 2,133,225; Oct. 11.
Gottschalk, Karl, Csepel, Hungary. Tilting device for drum melting furnaces. 2,132,948; Oct. 11.
Graham, Thomas A., Ellwood City, Pa., and H. W. Mollison, Highland Park, Ill., assignors to National Tube Company. Drip lip tubing. 2,132,564; Oct. 11.
Graham, Thomas A., San Francisco, Calif., assignor to National Tube Company. Making a tubular article. 2,132,565; Oct. 11.
Grantz, Siegfried. (See Rieppel, P., and Grantz.)
Grauel, Ernest H. (See Harrison, T. R., Grauel, and Kessler.)
Gray, Bertram P., Birmingham, England. Nonskid device for vehicle wheels. 2,132,614; Oct. 11.
Green, Clarence J., assignor to Norton Company, Worcester, Mass. Cam grinding apparatus. 2,132,949; Oct. 11.
Green, James L., Cleveland, Ohio, assignor to The Indemse Corporation. Self-locking rivet. 2,132,950; Oct. 11.
Greenberger, Charles, New York, N. Y. Lipstick guard. 2,133,093; Oct. 11.
Greene, Guy G., San Francisco, Calif., and F. A. Pneuman, New York, N. Y. Cable wrapping. 2,132,566; Oct. 11.
Greenewait, Crawford H., and G. W. Rigby, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing aliphatic dinitriles. 2,132,849; Oct. 11.
Greiser, Melvin R., Cincinnati, assignor to Carthage Mills Incorporated, Carthage, Ohio. Display device. 2,132,531; Oct. 11.
Greiser, Melvin R., Cincinnati, assignor to Carthage Mills Incorporated, Carthage, Ohio. Decorative needled fabric. 2,132,530; Oct. 11.
Guedon, Emile C., Audubon, N. J., assignor to Radio Corporation of America. Phonograph stop. 2,132,615; Oct. 11.
Gursky, Meyer, Bronx, N. Y. Couch bed. 2,133,167; Oct. 11.
Guth, Edwin F., Webster Groves, Mo. Lighting fixture. 2,132,784; Oct. 11.
Guthrie, Paul W., et al. (See Montambo, Samuel T., assignor.)
Gwinn, Joseph M., Jr., Buffalo, N. Y. Resilient control means. 2,133,168; Oct. 11.

Hackett, Harry C., assignor to National Vulcanized Fibre Co., Wilmington, Del. Making tubes. 2,133,137; Oct. 11.
Haggan, William E. (See Crisp, P. P., and Haggan.)
Haines, Harvey A., Philadelphia, assignor to The Union Switch & Signal Company, Swissvale, Pa. Highway crossing signal for railways. 2,133,172; Oct. 11.
Hale, Frank C. (See Dickie, W. A., and Hale.)
Hall, Elisha W., Scituate, Mass. Buffing or polishing wheel. 2,132,532; Oct. 11.
Hall, Ralph W., Wyoming, assignor to The E. H. Bardes Range & Foundry Company, Cincinnati, Ohio. Power transmission mechanism. 2,132,951; Oct. 11.
Halsan Products Company. (See Paulson, Nils I., assignor.)
Hamacher, Fritz, Spandau-Ruhleben, Germany, assignor to General Electric Company. Stroboscope. 2,133,138; Oct. 11.
Hamil, Julian F., Temple, Tex. De-icer for aeroplanes and the like. 2,133,025; Oct. 11.
Hamel, Lionel, Waterbury, Conn. Attachment for electric razors. 2,132,898; Oct. 11.
Hammerbeck, Alden E., assignor of two-fifths to E. E. Webber, Duluth, Minn. Door catch. 2,132,733; Oct. 11.
Hammis, Fred. (See Woolley, T. R., and Hammis.)
Hampton, Weldon O., Chicago, and A. E. Nessler, Evanston, assignors to Delta-Star Electric Company, Chicago, Ill. Contact means. 2,132,685; Oct. 11.
Hampton, Weldon O., assignor to Delta-Star Electric Company, Chicago, Ill. Switching device. 2,132,686; Oct. 11.
Hann, Albert G., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,133,226; Oct. 11.
Hanson, Walter M., assignor to American Seating Company, Grand Rapids, Mich. Chair. 2,132,467; Oct. 11.
Hardie, Harry, assignor to The Faultless Manufacturing Company, Baltimore, Md. Garment band. 2,132,616; Oct. 11.
Hardwick, John. (See Blythen, F., and Hardwick.)
Harris, Benjamin R. (See Epstein, A. K., and Harris.)
Harris, Benjamin R. (See Reynolds, M. C., Harris, and Epstein.)
Harris, Benjamin R., Chicago, Ill., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Cake. 2,132,417; Oct. 11.
Harris, Benjamin R., Chicago, Ill., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Shortening material and cake made therefrom. 2,132,416; Oct. 11.
Harris, Benjamin R., Chicago, Ill., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Shortening material and cake made therefrom. 2,132,687; Oct. 11.
Harris-Seybold-Potter Company. (See Lehman, John R., assignor.)
Harrison, Archibald A., and S. H. Oakeshott, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Printing inks. 2,132,468; Oct. 11.
Harrison, Thomas R., Wyncote, E. H. Grauel, Perkasie, and J. E. Kessler, Gettysburg, assignors to The Brown Instrument Company, Philadelphia, Pa. Improvement in measuring instrument. 2,132,617; Oct. 11.
Hart, Aubrey F., New York, N. Y. Sign. 2,132,899; Oct. 11.
Hart, Parker, Rye, N. Y., and R. W. Hart, Jr., Cambridge, Mass. Laundry net. 2,132,734; Oct. 11.
Hart, Robert W., Jr. (See Hart, Parker and R. W., Jr.)
Hatcher, James L., United States Army, Winchester Va. Clutch mechanism. 2,132,418; Oct. 11.
Haupt, William E., Westville, assignor to Automatic Drive and Transmission Company, Gloucester City, N. J. Control and driving method and apparatus. 2,132,567; Oct. 11.
Hauser, John H., Killam, Alberta, Canada. Horse bit. 2,132,469; Oct. 11.
Hebel, Martin, Oberbayern, Germany. Telephone system. 2,133,055; Oct. 11.
Heil Co., The. (See Schmidt, Harlow L., assignor.)
Helwig, Edward L., Bristol, assignor to Röhm & Haas Company, Philadelphia, Pa. Window mounting for streamlined vehicles. 2,132,688; Oct. 11.
Henderson, Philip O., assignor of one-third to J. O'Dea and one-third to B. E. Wenger, Washington, D. C. Secondary air control for furnaces. 2,133,026; Oct. 11.
Hendrey, Waldersee B., Beacon, assignor to The Texas Company, New York, N. Y. Recovering sodium naphthenates from petroleum hydrocarbons. 2,133,094; Oct. 11.
Henkel & Cie G. m. b. H. (See Hentrich, W., and Reuss, assignors.)
Henney Motor Company. (See Schofield, Earl L., assignor.)
Hentrich, Winfrid, Dusseldorf-Reisholz, and W. Reuss, Dusseldorf-Benrath, assignors to Henkel & Cie G. m. b. H., Dusseldorf-Holthausen, Germany. Cleaning composition and method. 2,132,511; Oct. 11.
Hermann, Benjamin R., Lanesborough, Mass, assignor to General Electric Company. Fuse device. 2,133,139; Oct. 11.
Hermann, Le Roy N., Bismarck, N. Dak. Thermostatically controlled faucet unit. 2,132,689; Oct. 11.

Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Displacement volume device. 2,132,952; Oct. 11.

Heymer, Gerd. (See Eggert, J., and Heymer.)

Hill, Forrest W., Southgate, assignor to Fibreboard Products, Inc., San Francisco, Calif. Display stand. 2,132,785; Oct. 11.

Hill, Frederick, and J. A. Radley, Manchester, England, assignors to Imperial Industries, Limited. Coloring oxide films on aliuminum and its alloys. 2,132,619; Oct. 11.

Hill, Robert H., assignor to J. E. Taylor, doing business as Taylor Engineering Company, Elgin, Ill. Press. 2,132,618; Oct. 11.

Hill, Frederick, and J. A. Radley, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Coloration of artificially produced oxide films on aluminum and its alloys. 2,132,620; Oct. 11.

Hilliard, Perley A., Newtonville, Mass. Edible material in ribbon form. 2,132,690; Oct. 11.

Hirsh, Benjamin W. (See Glass, J. V. S., and Hirsh.)

Hobson, Walter, Philadelphia, Pa. and H. H. Woodrow, Milford, Del. Track rail grinding machine. 2,132,470; Oct. 11.

Hockenyos, George L., Springfield, Ill., assignor to Monsanto Chemical Company, St. Louis, Mo. Fumigation. 2,132,786; Oct. 11.

Hockenyos, George L., Springfield, Ill., assignor to Monsanto Chemical Company, St. Louis, Mo. Method and device for effecting fumigation. 2,132,787; Oct. 11.

Hoffman-LaRoche Inc. (See Frey, A., and Wüest, assignors.)

Hoffman, Walter C., Ferndale, Mich., assignor to The Murray Corporation of America. Threshold. 2,132,471; Oct. 11.

Hoke, Harry A., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Locomotive front end construction. 2,132,823; Oct. 11.

Holfelner, Edward M., assignor to The Ohlen-Bishop Company, Columbus, Ohio. Tool handle attaching and shock-absorbing means. 2,133,095; Oct. 11.

Hollmann, Hans E., Berlin-Wilmersdorf, Germany. Recording device. 2,133,140; Oct. 11.

Holmes, Will K., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Cracking oils. 2,133,096; Oct. 11.

Holm-Hansen, Osmund, Stratford, Conn., assignor to General Electric Company. Vacuum cleaner. 2,133,141; Oct. 11.

Hollyfield, Ed, El Dorado, Ark. Sucker rod swivel. 2,132,477; Oct. 11.

Holslag, Claude J., South Orange, assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Automatic arc welding system. 2,132,479; Oct. 11.

Hönig, Heinrich, Dusseldorf, Germany, assignor to R. Collins and J. J. Sheridan, Dublin, Irish Free State, and P. M. Scher, London, England. Apparatus for molding hollow articles, for example, from artificial resins. 2,133,027; Oct. 11.

Horn, Ernst, Nuremberg, Germany. Toy. 2,133,194; Oct. 11.

Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,133,142; Oct. 11.

Horvath, Artemy A., Newark, Del. Soya meal for feed. 2,132,621; Oct. 11.

Hotstream Heater Company, The. (See Morrow, Clarence H., assignor.)

Houdaille-Hershey Corporation. (See Jandus, Herbert S., assignor.)

Howard, Arthur W., Monon, Ind. Automatic brake control trailer hitch. 2,133,195; Oct. 11.

Huflage, Carl W., Chicago, Ill., assignor to Reynolds Metals Company, Richmond, Va. Lamp shade. 2,132,850; Oct. 11.

Hulse, James E., assignor of one-fourth to Wright's Automatic Tobacco Packing Machine Company, Durham, N. C. Hydraulic coualizer for vehicle brakes. 2,133,196; Oct. 11.

Humbert, Reuben L. (See Witzel, E. R., and Humbert.)

Humphner, Ferdinand W., Oak Park, Ill., assignor, by mesne assignments, to Mid-States Gummed Paper Company. Mold resisting remoistening tape. 2,133,028; Oct. 11.

Hunt, Ray R., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Method of and apparatus for making rubber heels and the like. 2,132,788; Oct. 11.

Hunyadi, László, and I. Koch, Budapest, Hungary. Oil distilling apparatus. 2,132,900; Oct. 11.

Hurley, Albert R., Huntington, N. Y. Motion picture screen. 2,133,097; Oct. 11.

Hürlimann, Max. (See Widmer, S., and Hürlimann.)

Huston, Tom, Hartford, Conn., assignor to S. P. Langston, Miami, Fla. Toilet accessory dispensing device. 2,132,735; Oct. 11.

I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Heymer, assignors.)

Iddings, Carl, Staten Island, N. Y., assignor to The Muralo Company, Inc. Adhesive. 2,133,098; Oct. 11.

Ide, Albert D., Chicago, Ill. Sign for highways. 2,132,478; Oct. 11.

Imperial Chemical Industries Limited. (See Blackshaw, H., and Rogers, assignors.)

Imperial Chemical Industries Limited. (See Callender, Albert, assignor.)

Imperial Chemical Industries Limited. (See Challenor, William A. P., assignor.)

Imperial Chemical Industries Limited. (See Glass, J. V. S., and Hirsh, assignors.)

Imperial Chemical Industries Limited. (See Harrison, A. A., and Oakeshott, assignors.)

Imperial Chemical Industries Limited. (See Hill, F., and Radley, assignors.)

Imperial Chemical Industries Limited. (See Mudford, Harry D., assignor.)

Imperial Chemical Industries Limited. (See Spittle, Henry M., assignor.)

Imperial Industries Limited. (See Hill, F., and Radley, assignors.)

Indemse Corporation, The. (See Green, James L., assignor.)

Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Grinding machine table reciprocating mechanism. 2,132,953; Oct. 11.

Ingersoll-Rand Company. (See Allen, Roy O., assignor.)

Ingersoll-Rand Company. (See Slater, Fred M., assignor.)

Inglis, John, assignor to Clyde Paper Company Limited, Ruthergien, Glasgow, Scotland. Web reeling-off machine. 2,132,789; Oct. 11.

Innes Company. (See Innes, George, assignor.)

Innes, George, Davenport, assignor to Innes Company, Bettendorf, Iowa. Pick-up mechanism. 2,133,143; Oct. 11.

Innocenti, Ferdinando, Rome, Italy. Device for uniting tubes of metallic structures. 2,133,197; Oct. 11.

International Radio Corporation. (See Verschoor, Charles A., assignor.)

Ireland, Murray, St. Paul, Minn., assignor to McGraw Electric Company, Chicago, Ill. Automatic toaster. 2,132,622; Oct. 11.

Isenberg, Robert. (See Mysels, W. A., and Isenberg.)

Jackson, John G., and W. T. Allen, assignors to Square D Company, Detroit, Mich. Circuit breaker. 2,132,623; Oct. 11.

Jackson, John G., assignor to Square D Company, Detroit, Mich. Enclosed circuit breaker. 2,132,624; Oct. 11.

Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,132,625; Oct. 11.

Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,132,626; Oct. 11.

Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,132,627; Oct. 11.

Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,132,628; Oct. 11.

Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,132,629; Oct. 11.

Jackson, John G., assignor to Square D Company, Detroit, Mich. Mounting means for enclosed electric devices. 2,132,630; Oct. 11.

Jacobus, David S., Montclair, assignor, by mesns assignments, to The Babcock & Wilcox Company, Newark, N. J. Furnace wall. 2,132,419; Oct. 11.

Jacobs, Dennis E., Wauchula, Fla., assignor of one-half to W. J. Leimbach, Cleveland, Ohio. Plant guard. 2,132,568; Oct. 11.

Jandus, Herbert S., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever and ratchet construction. 2,132,954; Oct. 11.

Jarnowski, Pete, Chicago, Ill. Railway roadbed. 2,133,227; Oct. 11.

Jayne, Robert L., Auburn Township, Susquehanna County, Pa. Tool for reloading fired or empty cartridge cases. 2,133,198; Oct. 11.

Jeffrey Manufacturing Company, The. (See Attwood, John G., assignor.)

Jeffrey Manufacturing Company, The. (See Bird, Byron M., assignor.)

Jeffrey Manufacturing Company, The. (See Bird, B. M., and Muller, assignors.)

Jeffrey Manufacturing Company, The. (See Bird, B. M., and Smith, assignors.)

Jeffrey Manufacturing Company, The. (See Muller, Ernst F., assignor.)

Jeffrey Manufacturing Company, The. (See Nichols, Richard D., assignor.)

Jeswine, Adolph M., Helena, Mont. Apparatus for snow removal. 2,132,790; Oct. 11.

Jochum, Kurt. (See Voss, A., Diekhauser, Starck, and Jochum.)

Jochum, Kurt, Frankfort-on-the-Main, and H. Geier, Koenigstein in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Agent for and process of sizing textile fibers. 2,132,901; Oct. 11.

Johns-Manville Corporation. (See Maahs, Arthur J., assignor.)

Johns Manville Corporation. (See Parsons, Raymond V., assignor.)

Johnson, Arthur A., assignor to John I. Paulding, Inc., New Bedford, Mass. Electric fixture. 2,133,099; Oct. 11.

Johnson, Charles S., Champaign, Ill., assignor to Koehring Company, Milwaukee, Wis. Tilting mechanism. 2,133,170; Oct. 11.

Johnson, Ellsworth T., assignor to Deere & Company, Moline, Ill. Overband for traction wheels. 2,132,955; Oct. 11.

Johnson, Gustaf A., New Bedford, Mass. Attachment plug receptacle. 2,132,851; Oct. 11.

Johnson, Gustaf A., New Bedford, Mass. Lamp socket. 2,132,852; Oct. 11.

Johnson, Stanley N., assignor to Motor Wheel Corporation, Lansing, Mich. Manufacturing wheels. 2,133,144; Oct. 11.

Jones, Aldred J., Chicago, Ill. Car journal lubricator. 2,132,420; Oct. 11.

Jones, Frances M., Burlington, Iowa. Hair clip. 2,133,145; Oct. 11.

Jones, Philip H., Redondo Beach, Calif. Drilling fluid tester scale. 2,132,736; Oct. 11.

Jones, R. A., & Company, The. (See Jones, Ruel A., assignor.)

Jones, Ruel A., assignor to The R. A. Jones & Company, Inc., Covington, Ky. Carton loading machine. 2,133,248; Oct. 11.

Jones, Wallace S., St. Paul, Minn. Automatic hydraulic clutch. 2,132,631; Oct. 11.

Julien, Louis F., assignor to Chamberlin Metal Weather Strip Co., Detroit, Mich. Light seal curtain. 2,132,986; Oct. 11.

Juil, Walter K. (See Smeal, A. B., and Juil.)

Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Lichte, August, assignor.)

Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 2,132,737; Oct. 11.

Kammerer, Fred W., New York, N. Y. Fabric clamping means. 2,133,199; Oct. 11.

Kannel, Charles, Cleveland, Ohio. Ventilating means for vehicles. 2,132,421; Oct. 11.

Kannel, Charles, Cleveland, Ohio. Vehicle ventilating means. 2,132,422; Oct. 11.

Karlak, Peter, and A. O. Stone, Rutherford, N. J. Brake. 2,132,480; Oct. 11.

Kearney, John J., assignor to The E. J. Manville Machine Company, Waterbury, Conn. Cut-off and transfer mechanism for metal swaging machines. 2,132,853; Oct. 11.

Kelleher, Thomas J., Chicago, Ill. Bending brake. 2,132,569; Oct. 11.

Kelley, Oliver K., assignor to Yellow Truck and Coach Manufacturing Company, Pontiac, Mich. Clutch operating mechanism. 2,133,053; Oct. 11.

Kelso, Ralph S., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Blind stitch sewing machine. 2,132,791; Oct. 11.

Kenneweg, Christian H., Millvale, Pa. Valve. 2,133,200; Oct. 11.

Kerr, Charles P., Washington, D. C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. High pressure heat exchanger. 2,133,249; Oct. 11.

Kessler, John E. (See Harrison, T. R., Grauel, and Kessler.)

Kieckhefer Container Company. (See Kieckhefer, Herbert M., assignor.)

Kieckhefer, Herbert M., Riverton, assignor to Kieckhefer Container Company, Delair, N. J. Manufacturing containers or parts thereof. 2,132,956; Oct. 11.

Kiewit, Frederick P., Kansas City, Mo. Grain puffing apparatus. 2,132,987; Oct. 11.

Kimbell, Fordyce. (See Williams, Harold, assignor.)

King, Alexander H., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller drive for coaxial oppositely rotating propellers. 2,132,481; Oct. 11.

Kindt, Mark, Kenosha, Wis., assignor to M. P. Winther, Waukegan, Ill., as trustee. Unloader. 2,132,824; Oct. 11.

Klaiber, Edward C., Memphis, Tenn., assignor to Wabash Screen Door Company, Chicago, Ill. Chair seat. 2,132,482; Oct. 11.

Klespe, William C., assignor to Yates-American Machine Company, Beloit, Wis. Radiator construction. 2,132,483; Oct. 11.

Klinker, Louis G., Hammond, Ind., assignor to The Glidden Company, Cleveland, Ohio. Pellet litharge. 2,132,423; Oct. 11.

Kluson, John E., Chicago, Ill. Tuning head for stringed instruments. 2,132,792; Oct. 11.

Knake, Max. C. (See Castner, J. B., and Knake.)

Knee, Aaron A., assignor to Vanak Corporation, Charlotte, N. C. Check for check controlled apparatus. 2,133,250; Oct. 11.

Knott, Frank W., Detroit, assignor to J. D. Dodge, Grosse Pointe, Mich. Emulsifier. 2,132,854; Oct. 11.

Knox, Granville S., Los Angeles, assignor of one-half to B. E. Ahlport, La Canada, Calif. Gas-lift pump. 2,132,738; Oct. 11.

Kober, Philip A., assignor to G. D. Searle & Co., Chicago, Ill. Preparing mucinous substances. 2,132,484; Oct. 11.

Koch, Imre. (See Hunyadi, L., and Koch.)

Koeberle, Karl, and E. Ploetz, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Producing azanthracene derivatives. 2,133,100; Oct. 11.

Koehring Company. (See Johnson, Charles S., assignor.)

Kofalk, Henry S., Darien, Conn., assignor to Star-Service Hanger Company, Detroit, Mich. Garment hanger. 2,133,054; Oct. 11.

Kohler, Carl J., Kohler, Wis. Molding cored articles. 2,132,739; Oct. 11.

Komow, Albert, assignor to U. S. Cloth Cutting Machine Co. Inc., New York, N. Y. Cloth-cutting machine. 2,133,101; Oct. 11.

Kondolf, Henry, assignor to Southern Kraft Corporation, New York, N. Y. Carton and blank for forming same. 2,132,632; Oct. 11.

Koontz, Pierce W. et al. (See Fisher, Robert P., assignor.)

Koppers Company. (See Koppers, Heinrich, assignor.)

Koppers Company. (See van Ackeren, Joseph, assignor.)

Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Production of gas suitable for the synthesis of hydrocarbons from carbon monoxide and hydrogen. 2,132,533; Oct. 11.

Kosta, Charles, New York, N. Y. Lead pencil construction. 2,132,633; Oct. 11.

Kramer, Clarence F. (See Galamb, J., and Kramer.)

Krauch, Carl, and M. Pier, Heidelberg, Germany, assignors to Standard-I. G. Company, Linden, N. J. Production of valuable liquid products from distillable carbonaceous materials. 2,132,855; Oct. 11.

Krell, Joseph, Berlin-Zehlendorf, Germany. Machine for embossing sheet-metal printing plates. 2,133,201; Oct. 11.

Kress, Edward W. (See Lydiard, S., and Kress.)

Krueger, August, Manitowoc, Wis. Sheave. 2,132,691; Oct. 11.

Krupp, Fried., Aktiengesellschaft. (See Naumann, Friedrich K., assignor.)

Kubaugh, LeRoy M. (See Workman, C. E., and Kubaugh.)

Kucher, Andrew A., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigeration. 2,132,534; Oct. 11.

Kueffer, E. H. (See Trautner, W., and Metcalf, assignors.)

Kugel, Fritz, Heidenheim-on-the-Brenz, Germany, assignor to American Voith Contact Company Inc., New York, N. Y. Turbo coupling. 2,133,029; Oct. 11.

Kuhlmann, Marie K., Kerrville, Tex. Earscrew. 2,132,856; Oct. 11.

Kuhns, Austin, assignor to Farrel-Birmingham Company, Incorporated, Buffalo, N. Y. Drive connection. 2,133,102; Oct. 11.

Kunze, Karolus E., Jamaica, N. Y., and T. L. Soo-Hoo, Quincy, Mass. Aircraft compass. 2,132,740; Oct. 11.

Kurt, Anton, Jersey City, N. J. Apparatus for and method of cleaning carcasses. 2,132,634; Oct. 11.

Kyle, George L., assignor to USL Battery Corporation, Niagara Falls, N. Y. Storage battery construction. 2,132,793; Oct. 11.

Kyseth, George L., Clarion, Iowa. Package opener. 2,132,741; Oct. 11.

Lahl, Alfred, assignor to Telefonbau und Normalzeit Aktiengesellschaft, Frankfort-on-the-Main, Germany. Telegraph transmitter. 2,133,056; Oct. 11.

Lakewood Mfg. Co. (See Majewski, Walter, assignor.)

Lamb, Roy A. (See Crickmer, C. S., and Lamb.)

Lamson & Sessions Company, The. (See Strayer, Lawrence H., assignor.)

Landis Machine Company. (See Wolf, Eugene G., assignor.)

Lang, Albert G., Whitestone, and T. H. Neely, Stewart Manor, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,132,857; Oct. 11.

Langston, Shelby P. (See Huston, Tom, assignor.)

Langstreth, Melon. (See Anderson, J., and Langstreth.)

Lantz, Elmer G., Salem, Oreg. Trailer hitch. 2,133,202; Oct. 11.

Large, Samuel R., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing and making same. 2,133,030; Oct. 11.

Larrecq, Anthony J., Beach Bluff, Mass., assignor to General Electric Company. Flanged joint. 2,133,146; Oct. 11.

Lathrop-Paulson Company. (See Rufus, Otto B., assignor.)

La Villette, Charles, Ozone Park, assignor to Nusbaum Knitters, Inc., New York, N. Y. Knitting. 2,132,512; Oct. 11.

Lawrence, Willard W., Patoka, Ill. Locking means for differentials. 2,132,692; Oct. 11.

Lay, Charles H., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Controlling apparatus for highway crossing signals. 2,133,171; Oct. 11.

Lazich, Branko. (See Mishelevich, B., and Lazich.)

Lebanon Paper Box Company. (See Buser, John A., assignor.)

Leete, Joseph F., et al. (See Dalton, Harold R., assignor.)

Le Fevre, Arden W., assignor to Stewart-Warner Corporation, Chicago, Ill. Automobile heater. 2,133,103; Oct. 11.

Lehman, John R., Dayton, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Back gauge for paper cutters. 2,133,031; Oct. 11.

Leibo, Victor, Ridgefield Park, N. J. Self-locking coupling. 2,132,988; Oct. 11.

Leimbach, William J. (See Jacobs, Dennis E., assignor.)

Le Frank, John D., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Liquid filling machine. 2,132,424; Oct. 11.

Lenher, Samuel, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Flotation process. 2,132,902; Oct. 11.

Leone, Domenic, Baltimore, Md. Hand shield for welding apparatus. 2,132,570; Oct. 11.

Le Vesconte, Harold J., Western Springs, assignor to Union Special Machine Company, Chicago, Ill. Power transmitter. 2,133,228; Oct. 11.

Levison, Samuel, Evanston, assignor to Orchard Products Company, Chicago, Ill. Making food products. 2,132,485; Oct. 11.

Lewis Invisible Stitch Machine Company. (See Kelso, Ralph S., assignor.)

Libbey-Owens-Ford Glass Company. (See Sohn, Frank, assignor.)

Lichte, August, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau-Alten, Germany. Control of fluid-operated pistons. 2,132,486; Oct. 11.

Liebesny, Paul, and H. Wertheim, Vienna, Austria. Promoting the growth and activity of microorganisms. 2,133,203; Oct. 11.

Lind, Francis T., Everett, and E. M. Webster, Malden, assignors to H. K. Porter, Inc., Everett, Mass. Pivot joint. 2,132,825; Oct. 11.

List, George P., South Seattle, Wash. Muffler. 2,132,425; Oct. 11.

Lockwood, Lewis B. (See Ward, G. E., Lockwood, and May.)

Logan, Henry H., Chicago, Ill. Hoist recorder. 2,133,104; Oct. 11.

Logan, Joseph A., assignor to Gilbert & Barker Manufacturing Company, West Springeld, Mass. Hose pull control for liquid dispensing apparatus. 2,132,535; Oct. 11.

Logan, Joseph A., and W. H. De Lancey, Springfield, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Control mechanism for liquid dispensing apparatus. 2,132,536; Oct. 11.

Louft, Nathan, Silver Spring, Md. Screen process printing. 2,132,635; Oct. 11.

Ludwig, John E., assignor to Newcomb David Company, Inc., Detroit, Mich. Spray booth. 2,132,826; Oct. 11.

Lutz, John. (See Rosenberg, F., Evans, and Lutz.)

Lydiard, Sidney, and E. W. Kress, San Jose, Calif. Weather strip for hinged doors. 2,132,742; Oct. 11.

Maahs, Arthur J., White Plains, assignor to Johns-Manville Corporation, New York, N. Y. Pipe assembly. 2,132,636; Oct. 11.

MacClatchie, John W., Los Angeles, Calif. Internal combustion engine. 2,132,794; Oct. 11.

MacMurray, Gilbert C., Calgary, Alberta, Canada. Jack for lifting automotive vehicles. 2,132,903; Oct. 11.

Mahone, Thomas W., assignor to The Central Carton Company, Cincinnati, Ohio. Carton. 2,132,957; Oct. 11.

Majewski, Walter, assignor to Lakewood Mfg. Co., Chicago, Ill. Toy vehicle. 2,132,487; Oct. 11.

Malleable Iron Range Company. (See Burrow, Herbert T., assignor.)

Mallory, P. R., & Co. (See Arvin, Marion J., assignor.)

Malm, Carl J., and L. W. Blanchard, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Hydrolysis of mixed esters of cellulose. 2,132,871; Oct. 11.

Maney, Thomas, Louisville, Ky. Tie-plate construction. 2,132,571; Oct. 11.

Maney, Thomas, Louisville, Ky. Rail fastening. 2,132,572; Oct. 11.

Mann, Chester S. (See Schreck, I. F., and Mann.)

Manning, Maxwell & Moore, Incorporated. (See Beck, R., and Briscoe, assignors.)

Manville, E. J., Machine Company, The. (See Kearney, John J., assignor.)

Marbon Corporation. (See Williams, Floyd E., assignor.)

Marchant, Walter J., Coronado, Calif. Combination adjustable shelf and shelf supporting means. 2,132,743; Oct. 11.

Marden, William L., Jackson Heights, Long Island, N. Y., assignor to Neptune Meter Company. Automatic zeroizing device for dispensing pumps. 2,132,637; Oct. 11.

Markel, Leon. (See Davis, W. H. H., and Markel.)

Markel, Leon. (See Reynolds, F. L., and Markel.)

Markem Machine Company. (See Robbins, C. F., and Cheeseman, assignors.)

Markla Corporation. (See Goldmark, Peter C., assignor.)

Martin, Edward G., Portland, Oreg., and E. E. Stark, Olympia, Wash. Making paper fasteners. 2,132,693; Oct. 11.

Martin, Elmer R., Springfield, assignor to The Williams Company, London, Ohio. Steel wool package. 2,132,958; Oct. 11.

Martin, Lawrence R. (See Wittel, O., and Martin.)

Martinez, Angelo. (See Martinez, Arturo, M., and A.)

Martinez, Arturo, M., and A., Turin, Italy. Screen for three-dimensional projections. 2,132,904; Oct. 11.

Martinez, Matteo. (See Martinez, Arturo, M., and A.)

Martz, John L., Detroit, Mich. Fish lure. 2,133,032; Oct. 11.

Master Steam Equipment Company. (See Goldberg, Isaac, assignor.)

Matthies, Hermann, Duisburg-Wanheim, Germany, assignor to American Lurgi Corporation, New York, N. Y. Process of continuously producing zinc in vertical reducing chambers and apparatus therefor. 2,132,858; Oct. 11.

Mäussnest, Friedrich K., assignor to H. Mäussnest, Woodside, N. Y. Method and apparatus for straightening sheet material. 2,132,426; Oct. 11.

Mäussnest, Hedweg. (See Mäussnest, Friedrich K., assignor.)

Max, Ella, Paris, France. Fastener. 2,133,204; Oct. 11.

May, Orville E. (See Ward, G. E., Lockwood, and May.)

Mayer, Hans. (See Straub, F., and Mayer.)

Maynard, Arthur H. (See Davis, E. W., and Maynard.)

Maynier, Victor, Paris, assignor to Société en nom Collectif V. Maynier & G. Pinçon, Paris, (Seine), France. Stone setting device for jewelry or other applications. 2,132,905; Oct. 11.

McCauley, John H., Hillside, N. J. Electrical discharge devices. 2,132,427; Oct. 11.

McCauley, John H., Hillside, N. J. Animated electrical discharge device. 2,133,205; Oct. 11.

McCauley, John H., Hillside, N. J. Electrical discharge device. 2,133,206; Oct. 11.

McCord, Andrew T., Metuchen, N. J., assignor to National Lead Company, New York, N. Y. Clarification and purification of industrial acid liquors. 2,133,251; Oct. 11.

McCraw, William E., Bishop's Falls, Newfoundland. Skidding plate. 2,132,744; Oct. 11.

McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. High speed train control equipment. 2,132,959; Oct. 11.

McCurdy, William H., Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. X-ray tube. 2,132,537; Oct. 11.

McDonald, George S., San Pedro, Calif. Vanity box. 2,132,989; Oct. 11.

McDonald, Louis N., Youngstown, Ohio. Rod coiling apparatus. 2,132,573; Oct. 11.

McFarlane, John W., assignor to Eastman Kodak Company, Rochester, N. Y. Camera attachment. 2,132,694; Oct. 11.

McGeough, William J., Providence, R. I., assignor to U. S. Bobbin & Shuttle Company, Mancheter, N. H. Bobbin. 2,132,990; Oct. 11.

McGowan, Michael E., Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Machine for sealing evacuated vessels. 2,132,538; Oct. 11.

McGraw Electric Company. (See Ireland, Murray, assignor.)

McGraw Electric Company. (See Sardeson, Robert, assignor.)

McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds for process for dyeing therewith. 2,132,872; Oct. 11.

McRae, Randolph J., Jersey City, N. J., assignor, by mesne assignments, to General Patents, Limited, Nassau, Bahamas. Production of ions. 2,132,539; Oct. 11.

Mechanical Handling Systems, Inc. (See Bishop, Leonard J., assignor.)

Mechanical Handling Systems, Inc. (See Francis, Lynn M., assignor.)

Mednick, Morry, Brooklyn, N. Y., and M. Eula, South Norwalk, Conn. Apparatus for making boxes and box covers. 2,132,859; Oct. 11.

Meisel, Charles A., Milton, assignor to Meisel Press Manufacturing Company, Boston, Mass. Printing press. 2,132,827; Oct. 11.

Meisel Press Manufacturing Company. (See Meisel, Charles A., assignor.)

Meklenburg, Karl W., assignor to Whitin Machine Works, Whitinsville, Mass. Spindle oiling device. 2,132,745; Oct. 11.

Mendelhall, Lloyd E. (See Wallace, D. A., and Mendenhall.)

Mennesson, André L., assignor to Société Anonyme Solex, Neuilly-sur-Seine, (Seine) France. Diaphragm pump. 2,133,207; Oct. 11.

Merchantville Hosiery Company. (See Roesener, Harry W., assignor.)

Merla Tool Company. (See Crickmer, C. S., and Lamb, assignors.)

Messer, Adolf, Frankfort-on-the-Main, Germany. Apparatus for separating oxygen from air and delivering the oxygen under pressure. 2,133,105; Oct. 11.

Messinger Devices, Incorporated. (See Messinger, Lester H., Jr., assignor.)

Messinger, Lester H., Jr., Trumbull, assignor to Messinger Devices, Incorporated, Bridgeport, Conn. Carburetor. 2,133,033; Oct. 11.

Metcalf, Herbert E. (See Trautner, W., and Metcalf.)

Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Door-controlled lighting unit for refrigerators and the like. 2,132,428; Oct. 11.

Meyer, Claude L., Paris, France. Soap covered with a soft sheath. 2,132,746; Oct. 11.

Meyer, John H., Rutherford, N. J. Apparatus for finishing concrete floors. 2,133,173; Oct. 11.

Mid-States Gummed Paper Company. (See Humphner, Ferdinand W., assignor.)

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Roll holding camera. 2,132,695; Oct. 11.

Milhorn, Samuel G., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Handling viscous cellulosic masses. 2,132,873; Oct. 11.

Miller, Ernest M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burning system and switching mechanism therefor. 2,132,513; Oct. 11.

Milnes, Tom, Lachute Mills, Quebec, Canada. Apparatus for manufacturing woven drier felts. 2,133,034; Oct. 11.

Minich, John, Buffalo, N. Y. Electrically operated valve for bathtubs. 2,133,174; Oct. 11.

Minier, William, Milo Township, Bureau County, Ill. Culvert cleaner and post hole digger. 2,132,795; Oct. 11.

Minneapolis-Honeywell Regulator Company. (See Miller, Ernest M., assignor.)

Mintz, Louis, Cleveland, Ohio. Venetian blind. 2,132,991; Oct. 11.

Mishelevich, Benjamin, Pittsburgh, and B. Lazich, Penn Township, Allegheny County, assignors to The Union Switch & Signal Company, Swissvale, Pa. Holding means for instruments. 2,132,992; Oct. 11.

Mishawaka Rubber and Woolen Manufacturing Company. (See Hunt, Ray R., assignor.)

Mitchell, Allister S., assignor to National Automotive Fibres, Inc., Detroit, Mich. Method and apparatus for the manufacture of upholstery. 2,132,429; Oct. 11.

Mitchell, Henry C. (See Watson, H. G., and Mitchell.)

Mitchell, John R., Dallas, Tex., assignor, by mesne assignments, to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Automatic phonograph. 2,132,993; Oct. 11.

Mobley, R. T., Midland, Tex. Pipe gripping means for rotary apparatus. 2,132,747; Oct. 11.

Modjeski, Charles E. J., Philadelphia, Pa. Telephone signal. 2,132,488; Oct. 11.

Mohler, Ernest E., assignor to Fruit & Produce Packing, Inc., Indianapolis, Ind. Double wall handle basket. 2,132,638; Oct. 11.

Mohun, John L., assignor to The Adlake Company, Chicago, Ill. House window. 2,132,748; Oct. 11.

Moise, Bolton C., Pittsburgh, Pa., assignor to National Tube Company. Pipe joint. 2,132,574; Oct. 11.

Moise, Bolton C., Pittsburgh, Pa., assignor to National Tube Company. Welded joint. 2,132,575; Oct. 11.

Mollison, Herbert W. (See Graham, T. A., and Mollison.)

Money, Roland H., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Casing construction. 2,132,796; Oct. 11.

Monopower Corporation, The. (See Tyler, Tracy B., assignor.)

Monroe, Charles S., Chicago, Ill. Oscillating lamp. 2,133,106; Oct. 11.

Monsanto Chemical Company. (See Bertsch, Johann A., assignor.)

Monsanto Chemical Company. (See Hockenyos, George L., assignor.)

Monsanto Chemical Company. (See White, John F., assignor.)

Montambo, Samuel T., assignor of one-third to P. W. Guthrie, Chicago, Ill., and one-third to T. H. Brading, Denver, Colo. Automotive equipment. 2,132,828; Oct. 11.

Montrose-Oster, Louis E., W., Carlsbad, Czechoslovakia, assignor of one-half to Pollopas Patents, Ltd., London, England. Electric remote selector circuit. 2,132,960; Oct. 11.

Mooney, James D., Oyster Bay, N. Y. Apparatus designed to illustrate the laws of economics by physical analogies. 2,132,514; Oct. 11.

Moore Enameling & Manufacturing Company, The. (See Moore, W. B., and Cobb, assignors.)

Moore, Marjorie B. (See Volwiler, E. H., and Moore.)

Moore, Walter B., Coshocton, and R. S. Cobb, assignors to The Moore Enameling & Manufacturing Company, West Lafayette, Ohio. Handle for cooking utensils. 2,133,252; Oct. 11.

Morain, Clifford F. (See Boyland, D. W., and Morain.)

Morain, Clifford F. (See Boyland, D. W., Morain, and Bowman.)

Morain, Clifford F., Youngstown, Ohio, assignor to The General Paint Corporation, San Francisco, Calif. Pipe lining or coating means. 2,133,035; Oct. 11.

Morden, Charles W., Portland, Oreg. Apparatus for making up batches of paper stock. 2,132,874; Oct. 11.

Morgan, Joseph B., Flushing, assignor to Jabez Burns & Sons, Inc., New York, N. Y. Cleaner for coffee and other grains. 2,132,961; Oct. 11.

Moriarty, George A., San Diego, Calif. Antislipping device. 2,132,860; Oct. 11.

Moricle, John B., Williamson, W. Va. Expansible and contractible rim. 2,133,036; Oct. 11.

Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,132,639; Oct. 11.

Morrison, Vaughn E., St. Charles, assignor to The Rudolph Wurlitzer Company, DeKalb, Ill. Selective shift for accordions. 2,133,107; Oct. 11.

Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Valve resetting device. 2,132,749; Oct. 11.

Mortimore, James E., Stratford, Conn. Combined nozzle and valve. 2,133,147; Oct. 11.

Mosaic Tile Company, The, et al. (See Philo, Frank A., assignor.)

Moser, Wilhelm, Riehen, near Basel, and W. Fioroni, Binningen, near Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Dyestuffs of the anthraquinonenaphthacridone series and making same. 2,132,829; Oct. 11.

Mossberg, Harold F., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Sight for firearms. 2,132,489; Oct. 11.

Mossberg, Harold F., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Sight for firearms. 2,132,490; Oct. 11.

Mossberg, O. F., & Sons, Inc. (See Mossberg, Harold F., assignor.)

Motor Improvements, Inc. (See Williams, L. W., and Arnold, assignors.)

Motor Wheel Corporation. (See Horn, Harry J., assignor.)

Motor Wheel Corporation. (See Johnson, Stanley N., assignor.)

Mouchel, L. G., and Partners, Limited, et al. (See Elmer, Robert B., assignor.)

Mounce, Whitman D. (See Rust, W. M., Jr., and Mounce.)

Mousset, André G., St.-Mande, France. Machine for stitching shoes. 2,132,797; Oct. 11.

Moyer, Wendell W., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Producing diazoamino compounds. 2,133,037; Oct. 11.

Mudford, Harry D., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of artificial silk. 2,132,491; Oct. 11.

Mueller, Emil G., assignor to The American Brake Company, Swissvale, Pa. Brake mechanism. 2,132,994; Oct. 11.

Muellier, Otto, Dearborn, Mich. Pneumatic hammer. 2,132,962; Oct. 11.

Muller, Ernst F. (See Bird, B. M., and Muller.)

Muller, Ernst F., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Jig. 2,132,750; Oct. 11.

Müller, Heinrich, Nuremberg. K. Vogl, Muhlhof-on-the-Schanz, and A. Wich, Furth, Germany; said Vogl and said Wich assignors to said Müller. Blow switch operated toy. 2,133,038; Oct. 11.

Muller, Robert A., Wellesley, assignor to Atlas Plywood Corporation, Boston, Mass. Plywood panel. 2,133,108; Oct. 11.

Multi Vue Signs Co. (See En Holm, Norman, assignor.)

Mummert-Dixon Company. (See Mummert, Ervin S., assignor.)

Mummert, Ervin S., assignor to Mummert-Dixon Company, Hanover, Pa. Grinding machine. 2,132,640; Oct. 11.

Munson, Arthur W., Hollywood, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Motion picture film guiding apparatus. 2,133,109; Oct. 11.

Murato Company, The. (See Iddings, Carl, assignor.)

Murden, William T., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Friction transmission roller lubrication. 2,132,751; Oct. 11.

Murden, William T., and T. C. Delaval-Crow, Bristol, Conn., assignors to General Motors Corporation, Detroit, Mich. Control mechanism for ratio-changing transmissions. 2,132,752; Oct. 11.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Blade magazine and razor. 2,132,798; Oct. 11.

Murray Corporation of America, The. (See Hoffman, Walter C., assignor.)

Myers, George F., New York, N. Y. Spinner-cowling. 2,133,253; Oct. 11.

Myers, William H., Detroit, Mich., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Interference suppression system for radio apparatus. 2,132,875; Oct. 11.

Myers, William L., Newark, N. J. Decorative buckle. 2,132,876; Oct. 11.

Mysels, William A., and R. Isenberg, Chicago, Ill. Detachable loop fastener for garments. 2,133,057; Oct. 11.

Nachtwey, Edward J., Green Bay, Wis. Automatically adjustable brake. 2,132,576; Oct. 11.

Nadeau, Gale F., assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of photographic film. 2,133,110; Oct. 11.

Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Roll holding camera construction. 2,132,696; Oct. 11.

Nallinger, Fritz, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart, Unterturkheim, Germany. Chassis of motor-driven vehicles. 2,132,963; Oct. 11.

Nash, Arthur E., Mount Airy, Philadelphia, and F. E. Shelly, Jenkintown, assignors to Alcorn Combustion Company, Philadelphia, Pa. Method of and apparatus for heating hydrocarbon oils and components thereof. 2,132,964; Oct. 11.

Nash, Arthur E., Mount Airy, Philadelphia, assignor to Alcorn Combustion Company, Philadelphia, Pa. Apparatus for treating oils. 2,132,965; Oct. 11.

Nash-Kelvinator Corporation. (See Philipp, Lawrence A., assignor.)

Nashua Gummed and Coated Paper Company. (See Swain, William F., assignor.)

National Automotive Fibres, Inc. (See Mitchell, Allister S., assignor.)

National Blank Book Company. (See Schade, Frank S., assignor.)

National Lead Company. (See McCord, Andrew T., assignor.)

National Lead Company. (See Plechner, Walter W., assignor.)
National Tube Company. (See Alger, Allan E., assignor.)
National Tube Company. (See Baxter, James W., assignor.)
National Tube Company. (See Graham, Thomas A., assignor.)
National Tube Company. (See Graham, T. A., and Mollison.)
National Tube Company. (See Moise, Bolton C., assignor.)
National Tube Company. (See Paine, Sumner E., assignor.)
National Tube Company. (See Speller, Frank N., assignor.)
National Vulcanized Fibre Co. (See Hackett, Harry C., assignor.)
Naumann, Friedrich K., Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Manufacture of articles from steel alloys. 2,132,877; Oct. 11.
Neely, Thomas H. (See Lang, A. G., and Neely.)
Neifert, Jonah E., Casey, Iowa. Glass jar vise. 2,132,697; Oct. 11.
Nellis, Edward A., Dayton, Ohio. Lawn tool. 2,133,208; Oct. 11.
Nelson, George S., Revere, assignor to The Forbes Lithograph Manufacturing Company, Boston, Mass. Display stand. 2,133,254; Oct. 11.
Nelson, Harmon O., assignor to Whitin Machine Works, Whitinsville, Mass. Yarn and cord stretching apparatus. 2,132,753; Oct. 11.
Neptune Meter Company. (See Marden, William L., assignor.)
Nessler, Aldo E. (See Hampton, W. O., and Nessler.)
Newcomb, David, Company. (See Ludwig, John E., assignor.)
Nichols, Richard D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Jig. 2,132,754; Oct. 11.
Nichols, Richard D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material separator. 2,132,755; Oct. 11.
Nichols, Richard D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Method and apparatus for cleaning sewage grit. 2,132,756; Oct. 11.
Nicholson, Martha C., Hollywood, Calif. Ironing pad and board. 2,133,175; Oct. 11.
Niemann, Carl. (See Bischoff, K., Niemann, and Wünsch.)
North American Holding Corporation et al. (See Avery, Alfred H., assignor.)
North American Rayon Corporation. (See Baumert, K., and Bley, assignors.)
North American Rayon Corporation. (See Bley, Rudolph S., assignor.)
Norton Company. (See Belden, Albert G., assignor.)
Norton Company. (See Flygare, Carl G., assignor.)
Norton Company. (See Green, Clarence J., assignor.)
Norton Company. (See Indge, Herbert S., assignor.)
Norton Company. (See Wood, Wallace H., assignor.)
Norton, John S., San Francisco, Calif. Fishing reel. 2,132,430; Oct. 11.
Norton, Leland D., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Audio-frequency amplifier. 2,132,830; Oct. 11.
Nusbaum Knitters, Inc. (See La Villette, Charles, assignor.)
Oakeshott, Stephen H. (See Harrison, A. A., and Oakeshott.)
O'Brien, Brian, Rochester, N. Y. Irradiating method and apparatus. 2,132,431; Oct. 11.
O'Brien, Edson A., Burlington, Wash. Confection. 2,132,966; Oct. 11.
O'Dea, John, et al. (See Henderson, Philip O., assignor.)
O'Donnell, Chester E. (See Paxton, H., and O'Donnell.)
Offutt, Anderson, United States Navy. Safety cap for liquid tank filler spouts. 2,132,432; Oct. 11.
Ogden, Floyd H., Watertown, Mass., assignor, by mesne assignments, to Willcox & Gibbs Sewing Machine Company. Pinking device. 2,133,111; Oct. 11.
Ohlen-Bishop Company, The. (See Holfelner, Edward M., assignor.)
Oil Well Supply Company. (See Brantly, J. E., and Shimer, assignors.)
Oil Well Supply Company. (See Shimer, John M., assignor.)
Old Colony Envelope Company. (See Walton, Albert Jr., assignor.)
O'Leary, Thomas A., Pittsburgh, Pa., assignor to Acme Protection Equipment Company. Gas mask. 2,132,433; Oct. 11.
Oliver, Harlyn D., Detroit, Mich. Garment bagging machine. 2,132,995; Oct. 11.
Olsen, Aksel G., Newtonville, Mass., and R. Stuewer, Battle Creek, Mich., assignors to General Foods Corporation, New York, N. Y. Preparing pectin. 2,132,577; Oct. 11.
Oosterhuis, Albert G. (See Straub, Jan, assignor.)
Oppenheimer, Elsa, New York, N. Y. Table. 2,132,515; Oct. 11.
Orchard Products Company. (See Levison, Samuel, assignor.)
Ormsby, Donald D., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Differential. 2,133,112; Oct. 11.
Oshkosh B'Gosh, Inc. (See Wittmack, Charles E., assignor.)
Ostrander, Richard G., New York, N. Y. Display support. 2,132,799; Oct. 11.
Otto, Carl, Essen, Germany. Regenerative coke oven. 2,132,641; Oct. 11.
Owens-Illinois Glass Company. (See Baird, F. J., and Simison, assignors.)
Owens-Illinois Glass Company. (See Cone, Carroll, assignor.
Owens-Illinois Glass Company. (See Denelsbeck, David, assignor.)
Owens-Illinois Glass Company. (See Simpson, Donald C., assignor.)
Owens-Illinois Glass Company. (See Slayter, Games, assignor.)
Owens-Illinois Glass Company. (See Slayter, G., and Thomas, assignors.)
Package Machinery Company. (See Smith, Elmer L., assignor.)
Packard Motor Car Company. (See Best, Frank C., assignor.)
Pageman, Rudolph, et al. (See Fisher, Robert P., assignor.)
Paine, Sumner E., McKeesport, Pa., assignor to National Tube Company. Welding. 2,133,058; Oct. 11.
Palmeri, Louis, Wethersfield, Conn. Loosening or tightening closures. 2,132,878; Oct. 11.
Palmieri, Mario, South Glastonbury, assignor of one-half to S. D. Ehrlich, Glastonbury, Conn. Ignition and priming compound. 2,132,996; Oct. 11.
Parent, Jacques A., Paris, France. Universal driving joint. 2,133,176; Oct. 11.
Parker, Harold H., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Rayon structure. 2,132,492; Oct. 11.
Parshad Holding Corporation et al. (See Avery, Alfred H., assignor.)
Parsons, C. A., and Company Limited. (See Cook, Stanley S., assignor.)
Parsons, Raymond V., assignor to Johns-Manville Corporation, New York, N. Y. Sound absorbing unit. 2,132,642; Oct. 11.
Parva Products Company. (See White, Paul W., assignor.)
Patent Button Company, The. (See White, Franklin R., assignor.)
Paul, David, Brooklyn, N. Y. Brush attaching device for mops. 2,133,148; Oct. 11.
Paulding, John I., Inc. (See Johnson, Arthur A., assignor.)
Paulson, Nils I., assignor to Halsam Products Company, Chicago, Ill. Toy building block. 2,132,757; Oct. 11.
Paxton, Hale, Santa Ana, and C. E. O'Donnell, Placentia, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Method of and apparatus for packaging fresh whole fruits and the like. 2,132,516; Oct. 11.
Payton, Harry A., San Luis Obispo, Calif. Recovering submarine deposits. 2,132,800; Oct. 11.
Pennell, Ford, Webster Groves, Mo. Coupling for electric conductors. 2,132,967; Oct. 11.
Penniman, William B. D., Baltimore, Md., assignor to Ellis-Foster Company. Motor fuel. 2,132,968; Oct. 11.
Pennsylvania Crusher Company. (See Campbell, Herbert F., assignor.)
Pennsylvania Railroad Company, The. (See Hoke, Harry A., assignor.)
Pennsylvania Salt Manufacturing Company. (See Schmidt, Heinrich, assignor.)
Perazzoli, Henry J., Philadelphia, Pa. Mechanism for clamping mobile units to rails. 2,132,861; Oct. 11.
Perruca, Felix, St.-Etienne, assignor to Société à responsabilité limitée "La Fillère Unicum," Paris, France. Variable speed gearing. 2,132,801; Oct. 11.
Pesico Laboratories, Inc. (See Foote, James W., assignor.)
Pestel, Arthur, New York, N. Y. Eraser appliance. 2,132,643; Oct. 11.
Peters, Henry W., West Roxbury, Mass. Ornamenting pipe bowls and the like. 2,133,209; Oct. 11.
Peyinhaus, Walter. (See Bary, Victor A., assignor.)
Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,133,177; Oct. 11.
Phillipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,133,039; Oct. 11.
Phillips Petroleum Company. (See Youker, Malcolm P., assignor.)
Philo, Frank A., Hermosa Beach, assignor to General Tile Corporation, El Segundo, Calif., and The Mosaic Tile Company. Tunnel kiln. 2,132,831; Oct. 11.
Phipps, John T. (See Smith, H. C., and Phipps.)
Phipps, John T., Huntington Park, assignor to Herman C. Smith, Whittier, Calif. Bit. 2,132,493; Oct. 11.
Pier, Mathias. (See Krauch, C., and Pier.)
Pierce, Jefferson F., Tampa, Fla. Internal combustion engine. 2,132,802; Oct. 11.
Pilates, Joseph H., New York, N. Y. Exercising apparatus. 2,132,862; Oct. 11.

Pitman, Herman E., St. Louis, Mo. Production of rubber from poinsettia serum. 2,133,040; Oct. 11.
Plechner, Walter W., Plainfield, N. J., assignor, by mesne assignments, to National Lead Company, New York, N. Y. Preparation of metallic soaps. 2,132,997; Oct. 11.
Ploetz, Ernst. (See Koeberle, K., and Ploetz.)
Pneuman, Fred A. (See Greene, G. G., and Pneuman.)
Pollopas Patents, Ltd. (See Montrose-Oster, Louis E. W., assignor.)
Poncelet, Arthur J., Arlington, Calif. Sand blasting mechanism. 2,133,149; Oct. 11.
Pool, William O. (See Ralston, A. W., and Pool.)
Pope, Howard L., and G. R. Squibb, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Broaching machine. 2,132,540; Oct. 11.
Popham, Frederick J. (See Stevens, H. P., and Popham.)
Porter, H. K., Inc. (See Lind, F. T., and Webster, assignors.)
Pownall, George L., New Richmond, Ohio. Mechanical refrigerator. 2,132,879; Oct. 11.
Pratt, Raymond C., assignor to H. B. Dodge and Company, Chicago, Ill. Window blind. 2,133,113; Oct. 11.
Pressed Steel Tank Company. (See Coakley, William E., assignor.)
Preston, Frank W., Paterson, N. J. Narrow ware loom. 2,132,758; Oct. 11.
Preston, Herbert E., assignor to American Engineering Company, Philadelphia, Pa. Stoker grate block. 2,133,114; Oct. 11.
Price, Osborne I., Frederick, Md. Portable rewinding machine. 2,132,698; Oct. 11.
Prive, Alfred A., Manchester, N. H., assignor to George E. Stevens, Melrose, Mass. Building construction. 2,132,832; Oct. 11.
Process Management Company. (See Atwell, Harold V., assignor.)
Procter & Gamble Company, The. (See Coith, H. S., Richardson, and Votaw, assignors.)
Procter & Gamble Company, The. (See Epstein, A. K., and Harris, assignors.)
Procter & Gamble Company, The. (See Harris, Benjamin R., assignor.)
Procter & Gamble Company, The. (See Reynolds, M. C., Harris, and Epstein, assignors.)
Procter & Gamble Company, The. (See Richardson, A. S., and Eckey, assignors.)
Procter & Gamble Company, The. (See Richardson, A. S., Coith, and Votaw, assignors.)
Purcker, William J., Buffalo, N. Y. Slicing machine. 2,132,699; Oct. 11.
Quam, James P., assignor to Quam-Nichols Company, Chicago, Ill. Electrical coil. 2,132,833; Oct. 11.
Quam-Nichols Company. (See Quam, James P., assignor.)
Queen City Textile Corporation. (See Winkler, Max W., assignor.)
R. G. N. Development Corporation. (See Reiman, Clarence K., assignor.)
Rabe, Karl, Stuttgart, Germany. Wheel supporting means. 2,132,759; Oct. 11.
Radio Corporation of America. (See Guedon, Emile C., assignor.)
Radio Corporation of America. (See Smith, John P., assignor.)
Radio Corporation of America. (See Tihanyi, Kalman, assignor.)
Radley, Jack A. (See Hill, F., and Radley.)
Radtke, Edwin J. (See Gebhardt, W. A., and Radtke.)
Raitt, David L., London, England. Chain. 2,132,803; Oct. 11.
Ralston, Anderson W., and W. O. Pool, assignors to Armour and Company, Chicago, Ill. Separating nitrile-hydrocarbon mixtures. 2,133,007; Oct. 11.
Ralston, Anderson W., and S. T. Bauer, assignors to Armour and Company, Chicago, Ill. Dicarboxylic acids and preparing the same. 2,133,008; Oct. 11.
Rand, James H., Jr., Stamford, Conn., and R. E. Benner, Buffalo, N. Y., assignors, by mesne assignments, to General Shaver Corporation, Bridgeport, Conn. Dry shaver mechanism. 2,132,644; Oct. 11.
Rapinwax Paper Company. (See Bohn, Stewart, assignor.)
Rau, Justin L., Kirkwood, Mo. Cellular plastic material and making the same. 2,132,969; Oct. 11.
Rauer, Philip, New York, and P. Torrington, Jr., Forest Hill, N. Y., assignors, by mesne assignments, to Soysein Process Corporation. Preparing a protein material. 2,132,434; Oct. 11.
Ready, William A., Brookline, Mass., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Manufacture of shovels and the like. 2,132,541; Oct. 11.
Reamer, Benton N., Jersey City, N. J. Display sign. 2,132,970; Oct. 11.
Reardon, Eugene J. (See Braune, C., and Reardon.)
Redman, Frank R. (See Sperber, Meyer, assignor.)
Reed, Dempson H., Houston, Tex. Outside pipe cutter. 2,132,645; Oct. 11.
Reekers, Andrew, Portland, Oreg. Trolling spoon. 2,132,760; Oct. 11.
Reichel, Wladimir A., Bellerose, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Illuminating means for indicating instruments. 2,132,578; Oct. 11.
Reiman, Clarence K., Newton, assignor to R. G. N. Development Corporation, Boston, Mass. Aging distilled alcoholic spirits. 2,132,435; Oct. 11.
Reiner, Robert, Incorporated. (See Rinehart, Arthur, assignor.)
Reintjes, George P., Kansas City, Mo. Arch nosing. 2,132,517; Oct. 11.
Reuss, Werner. (See Hentrich, W., and Reuss.)
Reynolds, Frederick L., Mill Valley, and L. Markel, assignors, by mesne assignments, to United States Appliance Corporation, San Francisco, Calif. Chemical heating pad for permanent hair waving. 2,133,115; Oct. 11.
Reynolds, Lulu E., et al., executor. (See Reynolds, M. C., Harris, and Epstein.)
Reynolds, Marvin C., Chicago, Ill., B. R. Harris, and A. K. Epstein; L. E. Reynolds and First National Bank of Chicago, executors of said M. C. Reynolds, deceased, assignors to The Procter and Gamble Company, Cincinnati, Ohio. Food material and making same. 2,132,436; Oct. 11.
Reynolds Metals Company. (See Huflage, Carl W., assignor.)
Rich, Charles A., Providence, R. I., assignor to Brown & Sharpe Manufacturing Company. Belt shifting apparatus. 2,132,880; Oct. 11.
Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Frequency meter. 2,133,150; Oct. 11.
Richardson, Albert S. (See Coith, H. S., Richardson, and Votaw.)
Richardson, Albert S., and E. W. Eckey, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Preparing edible fat. 2,132,437; Oct. 11.
Richardson, Albert S., H. S. Coith, and V. M. Votaw, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Preparing yeast raised doughs. 2,132,700; Oct. 11.
Richardson, Albert S., H. S. Coith, and V. M. Votaw, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Shortening and method of baking therewith. 2,132,701; Oct. 11.
Richardson, Myron H., Chicago, and A. E. Gebert, Wilmette, assignors to Advance Machine Co., Chicago, Ill. Vending machine. 2,132,804; Oct. 11.
Ridgway, Carl E., Seattle, Wash. Protective collar for fruit boxes. 2,133,041; Oct. 11.
Rieppel, Paul, Munich, and S. Grantz, Augsburg, Germany. Operating internal combustion engines having regulation of charge quantities. 2,132,646; Oct. 11.
Rigandi, Joseph R., Westerleigh, N. Y. Tuned antenna system. 2,132,881; Oct. 11.
Rigandi, Joseph R., Westerleigh, N. Y. Shoe construction. 2,132,882; Oct. 11.
Rigby, George W. (See Greenewalt, C. H., and Rigby.)
Rinehart, Arthur, Hawthorne, N. J., assignor to R. Reiner, Incorporated. Flat knitting machine. 2,132,494; Oct. 11.
Risberg, Henry S., Brooklyn, N. Y. Eyelash curler. 2,133,042; Oct. 11.
Risch, Julius. (See Wessel, Oswald, assignor.)
Rittenhouse, Paul L., New York, N. Y. Radio receiving system for automobiles. 2,133,151; Oct. 11.
Robbins, C. H. D., Co. (See Brickner, Julius, assignor.)
Robbins, Charles F., Keene, and C. H. Cheeseman, Marlboro, assignors to Markem Machine Company, Keene, N. H. Inking device for marking machines. 2,132,495; Oct. 11.
Roberts, Albert O. (See Ford, H., Simpson, and Roberts.)
Robertson, Roy C., Pocahontas, Miss. Firearm. 2,132,761; Oct. 11.
Robins, May J., Katonah, N. Y. Toy construction kit. 2,132,647; Oct. 11.
Roesener, Harry W., Philadelphia, Pa., assignor to Merchantville Hosiery Company, Merchantville, N. J. Flat knitting machine. 2,132,496; Oct. 11.
Rogers, Maurice A. T. (See Blackshaw, H., and Rogers.)
Rogers, Raymond R., New York, N. Y., assignor to P. A. E. Armstrong, Westport, Conn. Electroplating copper. 2,133,255; Oct. 11.
Röhm & Haas Company. (See Bauer, Walter, assignor.)
Röhm & Haas Company. (See Bruson, Herman A., assignor.)
Röhm & Haas Company. (See Bruson, H. A., and Eastes, assignors.)
Röhm & Haas Company. (See Helwig, Edward L., assignor.)
Röhm, Otto, Darmstadt, Germany. Producing unhaired hides with the aid of mold tryptases. 2,132,579; Oct. 11.
Rohrer, John M., Orwigsburg, Pa. Shoe-sole laying mechanism. 2,132,440; Oct. 11.
Romig, Gerald C., Elkins Park, assignor to American Chemical Paint Company, Ambler, Pa. Coating metal. 2,132,438; Oct. 11.
Romig, Gerald C., Elkins Park, assignor to American Chemical Paint Company, Ambler, Pa. Producing phosphate coated ferrous articles. 2,132,439; Oct. 11.
Romig, Gerald C., Elkins Park, assignor to American Chemical Paint Company, Ambler, Pa. Coating ferrous metal with a water insoluble metallic phosphate. 2,132,883; Oct. 11.
Roques, Louis, assignor to Louis Roques et Georges Arrachequesne, Paris, France. Knitting frame for elastic fabric having unextensible zones. 2,132,971; Oct. 11.
Roques, Louis, et Georges Arrachequesne. (See Roques, Louis, assignor.)

Rosén, Carl G. A., Oakland, assignor to Caterpillar Tractor Co., San Leandro, Calif. Piston. 2,132,805; Oct. 11.

Rosenberg, Fritz, Brooklyn, N. Y., and W. S. Evans, and J. Lutz, Philadelphia, Pa.; said Evans and Lutz assignors to said Rosenberg. Umbrella. 2,132,648; Oct. 11.

Rosenthal, Henry. New York, N. Y. Extraction of petroleum from solid materials. 2,132,441; Oct. 11.

Rothenhoefer, Walter W., St. Louis, Mo. Aeroplane. 2,133,043; Oct. 11.

Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,132,442; Oct. 11.

Rowlett, Shelby Hart. (See Esnard, Miguel, assignor.)

Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,133,229; Oct. 11.

Rudolph Wurlitzer Company, The. (See Morrison, Vaughn E., assignor.)

Ruegg, Leonard, Inglewood, Calif. Spring latch. 2,132,806; Oct. 11.

Rufus, Otto B., assignor to Lathrop-Paulson Company, Chicago, Ill. Can uprighting and discharging mechanism. 2,133,044; Oct. 11.

Rumford, Lewis II, Wilmington, Del., assignor to United States Steel Corporation, New York, N. Y. Regenerative furnace and means for measuring the temperature thereof. 2,133,045; Oct. 11.

Runyan, Charles, Great Meadows, N. J. Dirigible trailer. 2,132,580; Oct. 11.

Russell, George A. V. (See Sentance, H. G. V., and Russell.)

Rust, William M., Jr., and W. D. Mounce, Houston, Tex., assignors to Standard Oil Development Company. Single cable electrical well-logging. 2,132,807; Oct. 11.

S. M. Laboratories, Inc. (See Voelker, Earl V., assignor.)

Sacksteder, Abner F., Chicago, Ill. Reflecting display. 2,132,649; Oct. 11.

Salo, Martti. (See Fordyce, C. R., and Salo.)

Sanders, Walter C., assignor to The Timken Roller Bearing Company, Canton, Ohio. Axle bearing seal. 2,133,230; Oct. 11.

Sanford Mills. (See Booth, Leroy W., assignor.)

Sardeson, Robert, Minneapolis, Minn. assignor to McGraw Electric Company, Chicago, Ill. Automatic toaster. 2,132,650; Oct. 11.

Schack, Hélene A., St. Paul, Minn. Bedpan. 2,132,651; Oct. 11.

Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Book construction. 2,132,542; Oct. 11.

Schane, Edward H., Lakewood, assignor to The Fanner Manufacturing Company, Cleveland, Ohio. Calculator. 2,133,046; Oct. 11.

Scheidegger, Jakob. (See Felix, F., and Scheidegger.)

Schenker, Abraham S., Brooklyn, N. Y. Dispensing device. 2,132,497; Oct. 11.

Scher, Philip M., et al. (See Hönig, Heinrich, assignor.)

Schermer, Nathan H., Detroit, Mich. Pickling metal. 2,133,231; Oct. 11.

Schigyo, Iwane, Tokyo, Japan, assignor to General Electric Company. Welding with superimposed high frequency. 2,133,152; Oct. 11.

Schlueter, Ernest, Jamaica, N. Y. Ink bottle dispenser and stopper. 2,132,518; Oct. 11.

Schmidt, Harlow L., Milwaukee, Wis., assignor to The Heil Co. Drier. 2,132,972; Oct. 11.

Schmidt, Heinrich, Walddorf, Germany, assignor to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Making hydrogen peroxide from persalts. 2,133,210; Oct. 11.

Schmiedemann, Franklin D., Los Angeles, Calif. Reservations cabinet and daily reminder. 2,132,652; Oct. 11.

Schnabel, Frederick C., Hopkins, Minn. Typewriter eraser. 2,132,906; Oct. 11.

Schofield, Earl L., assignor to Henney Motor Company, Freeport, Ill. Bier pin for hearses. 2,132,543; Oct. 11.

Scrauth, Walther, Berlin-Dahlem, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Vulcanizing rubber. 2,133,116; Oct. 11.

Schreck, Irvin F., Cleveland, Ohio, and C. S. Mann, assignors to Bond Foundry & Machine Company, Manheim, Pa. Caster control means for movable trucks and the like. 2,132,973; Oct. 11.

Schroder, Walter L., Hortonville, Wis. Canning peas. 2,133,117; Oct. 11.

Schulz, Paul H., Moline, Ill. Transfer apparatus for printing presses. 2,132,998; Oct. 11.

Schur, Milton O., assignor to Brown Company, Berlin, N. H. Multiple impregnation of compressible fibrous webs. 2,132,863; Oct. 11.

Schuster, William J., Cleveland, Ohio, assignor to The American Steel and Wire Company. Die-holder. 2,132,581; Oct. 11.

Schutte, Charles F., Buffalo, N. Y. Feed table for grinding mills. 2,133,211; Oct. 11.

Schutte, Charles F., and H. D., assignors of one-quarter to N. D. Schutte, Snyder, N. Y. Hammer assembly. 2,133,212; Oct. 11.

Schutte, Herman D. (See Shutte, Charles F. and H. D.)

Schutte, Nellie D. (See Schutte, Charles F. and H. D., assignors.)

Schweizer, Alfred, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Speed governor for injection internal combustion engines. 2,132,445; Oct. 11.

Schweizer, Alfred, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Speed governing apparatus for injection internal combustion engines. 2,132,446; Oct. 11.

Scott, Henry T., assignor to The American Paper Bottle Company, Toledo, Ohio. Coating containers. 2,133,213; Oct. 11.

Scott, Henry T., assignor to The American Paper Bottle Company, Toledo, Ohio. Coating apparatus. 2,133,214; Oct. 11.

Seaman, Joseph W. (See Ver Planck, D. W., and Seaman.)

Searle, G. D., & Co. (See Kober, Philip A., assignor.)

Seavey, Frederick R. (See Smith, J. B., Seavey, and Taylor.)

Secretary of Agriculture of the United States of America. (See Ward, G. E., Lockwood, and May, assignors.)

Sentance, Henry G. V., Glasgow, Scotland, and G. A. V. Russell, London, England. Hydraulic press. 2,132,974; Oct. 11.

Shaulson, Joseph, Providence, R. I. Lingerie buckle. 2,133,153; Oct. 11.

Shaver, Perry E., Philadelphia, assignor to Sun Shipbuilding & Dry Dock Company, Chester, Pa. Welding method and apparatus. 2,132,975; Oct. 11.

Shaw, George R., Upper Warlingham, England. Combined cushion and life belt. 2,132,544; Oct. 11.

Shaw, Harry F., McKeesport, Pa. Rudder. 2,132,582; Oct. 11.

Sheldon, Albert J., Willsboro, N. Y. Folding stool. 2,133,047; Oct. 11.

Shell Development Company. (See von Thyssen-Bornemisza, Stephan Baron, assignor.)

Shell Development Company. (See Voogd, Maarten, assignor.)

Shelly, Franklin E. (See Nash, A. E., and Shelly.)

Sheridan, John J., et al. (See Hönig, Heinrich, assignor.)

Shimer, John M. (See Brantly, J. E., and Shimer.)

Shimer, John M., assignor to Oil Well Supply Company, Dallas, Tex. Pump. 2,133,048; Oct. 11.

Shimer, John M., assignor to Oil Well Supply Company, Dallas, Tex. Thread protector. 2,133,049; Oct. 11.

Sibbe, Carl F., assignor to American Engineering Company, Philadelphia, Pa. Fluid control mechanism. 2,133,118; Oct. 11.

Siegerist, Walter, St. Louis, Mo. Machine for sizing, truing, and polishing bars and tubes. 2,132,976; Oct. 11.

Sieling, Edward H., Chicago, Ill. Coffee making device. 2,133,178; Oct. 11.

Siemens-Reiniger-Werke Aktiengesellschaft. (See Bischoff, K., Niemann, and Wünsch, assignors.)

Sigo, Arthur T., Maywood, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Traffic observing and recording apparatus. 2,132,808; Oct. 11.

Silliecks-Miller, Company, The. (See Colvin, Henry F., assignor.)

Silten, Ernst, Berlin, Germany. Motor compressor unit. 2,133,179; Oct. 11.

Silver, Walter H., assignor to Deere & Company, Moline, Ill. Cultivator. 2,132,762; Oct. 11.

Simison, Allen L. (See Baird, F. J., and Simison.)

Simmons, Richard P., Laurelton, N. Y. Sucker rod and combined coupling and torsion joint therefor. 2,133,050; Oct. 11.

Simons, Francis L., Needham, Mass. Planographic plate and method. 2,132,443; Oct. 11.

Simpson, Donald C., Newark, Ohio, assignor to Owens-Illinois Glass Company. Combined asbestos and glass fiber yarn. 2,132,702; Oct. 11.

Simpson, Howard W. (See Ford, H., Simpson, and Roberts.)

Singer Manufacturing Company, The. (See Waterman, Max L., assignor.)

Six, Walter J., Indianapolis, Ind. Piston expander. 2,132,653; Oct. 11.

Skogsberg, John A., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Jig. 2,132,583; Oct. 11.

Slater, Fred M., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Feeding device. 2,132,519; Oct. 11.

Slayter, Games, Newark, Ohio, assignor to Owens-Illinois Glass Company. Method and apparatus for making glass wool. 2,133,235; Oct. 11.

Slayter, Games, Newark, Ohio, assignor to Owens-Illinois Glass Company. Textile material. 2,133,237; Oct. 11.

Slayter, Games, and J. H. Thomas, Newark, Ohio, assignors to Owens-Illinois Glass Company. Glass wool and method and apparatus for making same. 2,133,236; Oct. 11.

Slayter, Games, and J. H. Thomas, Newark, Ohio, assignors to Owens-Illinois Glass Company. Glass fabric. 2,133,238; Oct. 11.

Smeal, Arthur B., and W. K. Jull, Calgary, Alberta, Canada. Amusement device in which weights are projected upwardly. 2,132,444; Oct. 11.

Smith, Alfred R., Forest Hills, Long Island, N. Y., assignor to Combustion Engineering Company, Inc. Flash drying control. 2,132,656; Oct. 11.

Smith, Arthur E., Los Angeles, Calif. Hypodermic syringe. 2,132,763; Oct. 11.

Smith, Carroll Cummings. (See Williams, I., and Smith.)

Smith, Cecil W., Waterman, Ill. Liquid dispensing device. 2,132,657; Oct. 11.

Smith, Charles D., Alma, assignor, by mesne assignments, to Alma Motor Company, St. Louis, Mich. Motor vehicle construction. 2,132,545; Oct. 11.

Smith, Earl W., et al. (See Elder, Frank T.)

Smith, Elmer L., Longmeadow, assignor to Package Machinery Company, Springfield, Mass. Tucking device for wrapping machines. 2,132,546; Oct. 11.

Smith, Frank P. (See Bird, Byron M., and Smith.)

Smith, Franklin S., New Haven, Conn. Electrical treating apparatus, especially for sterilization. 2,132,703; Oct. 11.

Smith, Franklin S., New Haven, Conn. Electrical treating apparatus, especially for sterilization. 2,132,704; Oct. 11.

Smith, Franklin S., New Haven, Conn. Electrical treating apparatus, especially for sterilization. 2,132,705; Oct. 11.

Smith, Franklin S., New Haven, Conn. Electrical treating apparatus, especially for sterilization. 2,132,706; Oct. 11.

Smith, Franklin S., New Haven, Conn. Electrical treating apparatus, especially for sterilization. 2,132,707; Oct. 11.

Smith, Franklin S., New Haven, Conn. Method for treating materials and electrical treating apparatus, especially for sterilization. 2,132,708; Oct. 11.

Smith, Henry B., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Cellulose organic ester composition containing a butyl-p-toluene sulphonamide. 2,132,884; Oct. 11.

Smith, Herman S. (See Phipps, John T., assignor.)

Smith, Herman C., Whittier, and J. T. Phipps, Huntington Park, Calif.; said Phipps assignor to said Smith. Roller bit. 2,132,498; Oct. 11.

Smith, John B., F. R. Seavey, and C. A. Taylor, Alton, assignors to Western Cartridge Company, East Alton, Ill. Delay detonator. 2,133,119; Oct. 11.

Smith, John P., Erlton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrical apparatus. 2,132,654; Oct. 11.

Smith, John P., Erlton, N. J., assignor to Radio Corporation of America. System for producing electrical impulses. 2,132,655; Oct. 11.

Smith, S. Morgan, Company. (See Whisler, Grant C., assignor.)

Snap-On Tools, Inc. (See Gagne, Gideon R., assignor.)

Sneed, Henry L., Waco, Tex. Burner ignition apparatus. 2,133,215; Oct. 11.

Snelling, Walter O., Allentown, Pa. Leakage-indicating pavement joint. 2,133,059; Oct. 11.

Snyder, William B., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,133,154; Oct. 11.

Société Anonyme Solex. (See Mennesson, André L., assignor.)

Société à Responsabilité Limitée "La Filière Unicum". (See Perruca, Felix, assignor.)

Société en nom Collectif V. Maynier & G. Pincon. (See Maynier, Victor, assignor.)

Société Industrielle des Carburants et Solvants. (See Françon, Jacques, assignor.)

Society of Chemical Industry in Basle. (See Felix, F., and Scheidegger, assignors.)

Society of Chemical Industry in Basle. (See Moser, W., and Floroni, assignors.)

Society of Chemical Industry in Basle. (See Straub, F., and Mayer, assignors.)

Sohn, Frank, Chicago, Ill., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Wall facing. 2,132,547; Oct. 11.

Solvay Process Company, The. (See Moyer, Wendell W., assignor.)

Soo-Hoo, Theodore L. (See Kunze, K. E., and Soo-Hoo.)

Southcott, Leonard C., Kingston on Thames, England, assignor to The Superheater Company, New York, N. Y. Steam superheater. 2,132,658; Oct. 11.

Southern Kraft Corporation. (See Kondolf, Henry, assignor.)

Soysein Process Corporation. (See Rauer, P., and Torrington, assignors.)

Speirs, Ralph D., Hawthorne, N. J., assignor to Wright Aeronautical Corporation. Pattern construction. 2,132,659; Oct. 11.

Speller, Frank N., Pittsburgh, Pa., assignor to National Tube Company. Coating. 2,132,584; Oct. 11.

Speller, Frank N., Pittsburgh, Pa., assignor to National Tube Company. Prevention of corrosion fatigue failures. 2,132,586; Oct. 11.

Spencer Trailer Company. (See Davis, Durrel H., assignor.)

Sperber, Meyer, Philadelphia, assignor of fifty one-hundredths to F. R. Redman, Yardley, Pa. Multi-ply article and making same. 2,132,907; Oct. 11.

Spittle, Henry M., Northwich, England, assignor to Imperial Chemical Industries Limited. Purification of alkali metal hydroxides. 2,132,585; Oct. 11.

Square D Company. (See Jackson, J. G., and Allen, assignors.)

Square D Company. (See Jackson, John G., assignor.)

Squibb, George R. (See Pope, H. L., and Squibb.)

Stableford, John L., London, England. Projection screen. 2,133,120; Oct. 11.

Standard Oil Company. (See Voorhees, Vanderveer, assignor.)

Standard-I. G. Company. (See Krauch, C., and Pier, assignors.)

Standard Oil Company of California. (See Davis, W. N., Cushman, and Fratis, assignors.)

Standard Oil Development Company. (See Rust, W. M., Jr., and Mounce, assignors.)

Standard Stoker Company, Inc. (1922), The. (See Chalker, Albert R., assignor.)

Starck, Werner. (See Voss, A., Dickhauser, Starck, and Jochum.)

Stark, Eugene E. (See Martin, E. G., and Stark.)

Star-Service Hanger Company. (See Kofalk, Henry S., assignor.)

Stearns, Richard I., II, Chicago, Ill. Stereoscopic screen and stereoscopic vision. 2,133,121; Oct. 11.

Steckler, Arthur. (See Steckler, Samuel, assignor.)

Steckler, Samuel, assignor to A. Steckler, White Plains, N. Y. Bracket gutter hanger. 2,132,587; Oct. 11.

Stein, Hall & Company. (See Caesar, George V., assignor.)

Stephens, John, assignor of one-half to R. E. Axelstrom, Chicago, Ill. Package. 2,132,448; Oct. 11.

Stephens, Percy W., Chicago, Ill. Closure for pressure cookers. 2,133,060; Oct. 11.

Sterling, Bernard A., Chicago, Ill. Hair waving clamp. 2,132,764; Oct. 11.

Sterling Grinding Wheel Company, The. (See Ballash, Joseph L., assignor.)

Stevens, Corwin W., Los Angeles, Calif. Advertising device. 2,133,155; Oct. 11.

Stevens, George E. (See Prive, Alfred A., assignor.)

Stevens, Henry P., and F. J. W. Popham, London Bridge, assignors, by mesne assignments, to The British Rubber Producers' Research Association, London, England. Oxidation products of rubber. 2,132,809; Oct. 11.

Stevens, Horace D., and R. W. Allen, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Tire building form. 2,132,834; Oct. 11.

Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Cutter. 2,132,835; Oct. 11.

Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control switch for automatic couplers. 2,132,977; Oct. 11.

Stewart, Carlton D., Swissvale, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,132,978; Oct. 11.

Stewart, George C. (See Brightman, P., and Stewart.)

Stewart, Spencer W., New York, N. Y., and C. V. Davis, Cranford, N. J., assignors, by mesne assignments, to Ambursen Dam Company, Inc., New York, N. Y. Building a dam. 2,133,256; Oct. 11.

Stewart-Warner Corporation. (See Le Fevre, Arden W., assignor.)

Stockwell, Charles A. and J. C., Pittsburgh, Pa. Clothesline reel. 2,132,548; Oct. 11.

Stockwell, John C. (See Stockwell, Charles A. and J. C.)

Stoekle, Erwin R., assignor to Globe-Union Inc., Milwaukee, Wis. Adjustable friction torque transmitting means for electrical controls. 2,132,765; Oct. 11.

Stoltz, Charles E., assignor, by mesne assignments, to Goodman Manufacturing Company, Chicago, Ill. Mechanical shoveling device. 2,132,660; Oct. 11.

Stone, Arthur O. (See Karlak, P., and Stone.)

Stout, George P., Decatur, Ga., assignor, by mesne assignments, to The Coca-Cola Company, Wilmington, Del. Process and apparatus for inspecting fluids. 2,132,447; Oct. 11.

Strain, Daniel E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization process. 2,133,257; Oct. 11.

Straub, Fritz, and H. Mayer, assignors to firm of Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of colored plastic masses. 2,132,810; Oct. 11.

Straub, Jan, assignor to A. G. Oosterhuis, Amsterdam, Netherlands. Diaromatic peroxide. 2,132,588; Oct. 11.

Strayer, Lawrence H., assignor to The Lamson & Sessions Company, Kent, Ohio. Rotary sorting machine. 2,133,061; Oct. 11.

Streby, Ray D., assignor to The Timken Roller Bearing Company, Canton, Ohio. Attachment for grinding machines. 2,133,232; Oct. 11.

Strong, James H., Trenton, N. J. Parachute training device. 2,132,908; Oct. 11.

Stroup, Fred H., Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Hand controlled valve. 2,132,766; Oct. 11.

Studien und Verwertungs-Aktiengesellschaft. (See Gardner, Daniel, assignor.)

Stuewer, Reinhold. (See Olsen, A. G., and Stuewer.)

Sullivan Machinery Company. (See Currier, Leslie A., assignor.)

Summers, Otto M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,132,836; Oct. 11.

Sun Shipbuilding & Dry Dock Company. (See Shaver, Perry E., assignor.)

Superheater Company, The. (See Southcott, Leonard C., assignor.)
Superior Plating Works. (See Barry, Cornelius J., assignor.)
Suthers, Reba, Brooklyn, N. Y. Bathing cap. 2,132,864; Oct. 11.
Swain, William F., Rockville Centre, N. Y., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H. Package for plurality of articles. 2,133,122; Oct. 11.
Symington-Gould Corporation, The. (See Barrows, Donald S., assignor.)
Talbot, Henry J., The Hague, Netherlands, assignor to The Dorr Company, Inc., New York, N. Y. Sewage sludge digestion. 2,132,837; Oct. 11.
Taliaferro, Edward E., Jackson, Tenn. Escapement. 2,133,216; Oct. 11.
Taylor, Carl A. (See Smith, J. B., Seavey, and Taylor.)
Taylor, Carl C., Brownwood, Tex., and J. Y. Taylor, Southbridge, Mass., assignor to Educational Laboratories, Inc. Recording eye movements. 2,132,520; Oct. 11.
Taylor Engineering Company. (See Hill, Robert H., assignor.)
Taylor, J. E. (See Hill, Robert H., assignor.)
Telefonbau und Normalzeit Aktiengesellschaft. (See Lahl, Alfred, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Fritz, Karl, assignor.)
Temple, John C., New York, N. Y. Surfacing machine. 2,132,661; Oct. 11.
Texas Company, The. (See Hendrey, Waldersee B., assignor.)
Texas Company, The. (See Holmes, Will K., assignor.)
Thomas, John H. (See Slayter, G., and Thomas.)
Thomas, Leroy B. (See Beck, Ove S., assignor.)
Thomas, Ray G., Ogden, Utah. Smoking appliance. 2,132,909; Oct. 11.
Thomson, Frederick B., Teaneck, N. J., assignor to Engineering Products Corporation, Inc., New York, N. Y. Meter seal. 2,133,062; Oct. 11.
Thornton, Samuel A., Jeanerette, La. Windrowing machine. 2,133,217; Oct. 11.
Tihanyi, Kalman, Budapest, Hungary, assignor to Radio Corporation of America. Television apparatus. 2,133,123; Oct. 11.
Timken Roller Bearing Company, The. (See Sanders, Walter C., assignor.)
Timken Roller Bearing Company, The. (See Streby, Ray D., assignor.)
Timken Roller Bearing Company, The. (See Weckstein, Samson M., assignor.)
Tomkins, Harold A., and L. A. Ward, assignors to The Tomkins-Johnson Company, Jackson, Mich. Safety control system. 2,132,811; Oct. 11.
Tomkins-Johnson Company, The. (See Tomkins, H. A., and Ward, assignors.)
Toudreau, Albert W., Hollywood, Calif., assignor to United Research Corporation, Long Island City, N. Y. Follow focus device. 2,133,063; Oct. 11.
Topping, John A., Bronxville, N. Y. Covering construction. 2,132,999; Oct. 11.
Toren, Joseph, Chicago, Ill. Door locking means. 2,132,767; Oct. 11.
Tornow, Maximilian A., Berlin-Dahlem, Germany. Safety device for gas systems. 2,133,124; Oct. 11.
Torrington, Paul, Jr. (See Bauer, P., and Torrington.)
Tracy, Howard E., assignor to O. S. Walker Co. Incorporated, Worcester, Mass. Magnetic chuck. 2,132,885; Oct. 11.
Traficante, Edward. (See Bolster, John M., assignor.)
Trautner, Wagn, Springdale, Ohio, and H. E. Metcalf, Walnut Creek, assignors to E. H. Kueffer, Oakland, Calif. Vehicle signaling system. 2,133,000; Oct. 11.
Tuft, Miles H., assignor to Deere & Company, Moline, Ill. Depth-adjusting mechanism. 2,133,180; Oct. 11.
Turner, James F., and C. P. Breidenbaugh, assignors to Flynn & Emrich Company, Baltimore, Md. Stoker timing and actuating mechanism. 2,133,156; Oct. 11.
Turner, Harrison I., and C. L. Anderson, assignors, to Eagle Signal Corporation, Moline, Ill. Signal controlling and duration varying system and mechanism therefor. 2,133,157; Oct. 11.
Tuthill, Jay L., Pittsburgh, Pa. Wall covering. 2,132,499; Oct. 11.
Tyler, Tracy B., assignor to The Monopower Corporation Detroit, Mich. Correlating speed of clutch engagement to speed of vehicle. 2,133,001; Oct. 11.
U. S. Slicing Machine Company. (See Debus, Sander, assignor.)
USL Battery Corporation. (See Kyle, George L., assignor.)
Ulrey, David G., Tampa, assignor to H. G. Zellner, Lakeland, Fla. Coloration of fruit. 2,133,064; Oct. 11.
Union Carbide and Carbon Corporation. (See Cox, H. L., and Carruthers, assignors.)
Union Special Machine Company. (See Goodwin, William D., assignor.)
Union Special Machine Company. (See Le Vesconte, Harold J., assignor.)
Union Special Machine Company. (See Rubel, Charles F., assignor.)
Union Switch & Signal Company. (See Claus, William H., assignor.)
Union Switch & Signal Company, The. (See Haines, Harvey A., assignor.)
Union Switch & Signal Company, The. (See Lay, Charles H., assignor.)
Union Switch & Signal Company, The. (See Mishelevich, B., and Lazich, assignors.)
Union Switch & Signal Company, The. (See Pflasterer, George R., assignor.)
United Aircraft Corporation. (See King, Alexander H., assignor.)
United Research Corporation. (See Tondreau, Albert W., assignor.)
United States Appliance Corporation. (See Davis, W. H. H., and Markel, assignors.)
United States Appliance Corporation. (See Reynolds, F. L., and Markel, assignors.)
U. S. Robbin & Shuttle Company. (See McGeough, William J., assignor.)
U. S. Cloth Cutting Machine Co. Inc. (See Komow, Albert, assignor.)
United States Gypsum Company. (See Cumfer, Harry A., assignor.)
United States Gypsum Company. (See Vass, Michael G., assignor.)
United States Rubber Products, Inc. (See Bassford, Henry H., Jr., assignor.)
United States Rubber Products, Inc. (See Watkins, Parke H., assignor.)
United States Steel Corporation. (See Rumford, Lewis H, assignor.)
Universal Oil Products Company. (See Morrell, Jacque C., assignor.)
Universal Products Co. Inc. (See Wollner, Hans, assignor.)
Van Ackeren, Joseph, Pittsburgh, Pa., assignor to Koppers Company. Coking retort oven. 2,132,522; Oct. 11.
Vanak Corporation. (See Knee, Aaron A., assignor.)
Vanderwerp, Henry, Cleveland, Ohio. Rotary kiln. 2,132,709; Oct. 11.
Vanderwerp, Henry, Cleveland, Ohio. Apparatus for producing cement clinker. 2,132,710; Oct. 11.
Vass, Michael G., Maywood, assignor to United States Gypsum Company, Chicago, Ill. Expanded metal lath. 2,133,258; Oct. 11.
Ve Relle, William H., Philadelphia, Pa. Necktie. 2,133,169; Oct. 11.
Ver Planck, Dennistoun W., New Haven, Conn., and J. W. Seaman. Upper Darby, Pa., assignors to General Electric Company. Circuit breaker. 2,133,158; Oct. 11.
Verschoor, Charles A., assignor to International Radio Corporation, Ann Arbor, Mich. Photographic enlarger. 2,133,218; Oct. 11.
Vick Chemical Company. (See Chase, Kenneth N., assignor.)
Visitacion, Aniceto R., New York, N. Y. Hair curler. 2,132,500; Oct. 11.
Voelker, Earl V., assignor to S. M. Laboratories, Inc., Seattle, Wash. Preparing colloidal compounds of silver and mercury. 2,132,886; Oct. 11.
Voggenthaler, Albert L. (See Boileau, A. H., and Voggenthaler.)
Vogl, Karl. (See Müller, H., Vogl, and Wich.)
Volwiler, Ernest H., Highland Park, and M. B. Moore, Waukegan, assignors to Abbott Laboratories, North Chicago, Ill. Aliphatic amine salts of cevitamic acid. 2,132,662; Oct. 11.
Von Thyssen-Bornemisza, Stephan Baron, The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Gravitational instrument. 2,132,865; Oct. 11.
Voogd, Maarten, Pittsburg, Calif., assignor to Shell Development Company, San Francisco, Calif. Production of nitric acid. 2,132,663; Oct. 11.
Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Moistureproof composition and preparation thereof. 2,132,711; Oct. 11.
Voorhels, Joseph T., San Francisco, Calif. Burner construction. 2,132,521; Oct. 11.
Voss, Arthur, and E. Dickhäuser, Frankfort-on-the-Main-Hochst, W. Starck, Hofheim in Taunus, and K. Jochum, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Agent for sizing textile fibers and applying it. 2,133,125; Oct. 11.
Voss, Walter K., Davenport, and N. L. Etten, Waterloo, Iowa; said Etten assignor to said Voss. Laundry machine. 2,133,233; Oct. 11.
Voss, Walter K., Davenport, Iowa. Laundry machine. 2,133,234; Oct. 11.
Votaw, Verling M. (See Coith, H. S., Richardson, and Votaw.)
Votaw, Verling M. (See Richardson, A. S., Coith, and Votaw.)
Wabash Screen Door Company. (See Klaiber, Edward C., assignor.)
Wagner Electric Corporation. (See Stroup, Fred H., assignor.)
Wahlmark, Gunnar A., Rockford, Ill. Rotary engine. 2,132,812; Oct. 11.
Wahlmark, Gunnar A., Rockford, Ill. Rotary engine. 2,132,813; Oct. 11.
Waidenmeyer, Bernard N., Detroit, Mich. Ice cube freezing tray. 2,133,219; Oct. 11.
Walker, O. S., Co. Incorporated. (See Tracy, Howard E., assignor.)

Wallace, David A., Detroit, Mich., and L. E. Mendenhall, Partridge, Kans.; said Mendenhall assignor to said Wallace. Metal reinforced wood floor. 2,133,002; Oct. 11.
Wallace Pencil Company. (See Forsyth, Arthur W., assignor.)
Wallis, John W., Los Angeles, Calif. Pipe line structure. 2,132,769; Oct. 11.
Walters, Is Alva, San Diego, Calif. Motor lubricating system. 2,132,589; Oct. 11.
Walton, Albert, Jr., Springfield, assignor to Old Colony Envelope Company, Westfield, Mass. Truck. 2,133,126; Oct. 11.
Ward, George E., Dunn-Loring, Va., L. B. Lockwood, Washington, D. C., and O. E. May, Chevy Chase, Md., assignors to Secretary of Agriculture of the United States of America. Fermentation process for the manufacture of dextro-lactic acid. 2,132,712; Oct. 11.
Ward, Loyd A. (See Tomkins, H. A., and Ward.)
Ware, John S., et al. (See Dalton, Harold R., assignor.)
Warner Bros. Pictures, Inc. (See Munson, Arthur W., assignor.)
Waterman, Max L., Fairfield, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine cabinet. 2,133,127; Oct. 11.
Waterman, Edwin H., Munhall, Pa. Door latch. 2,132,590; Oct. 11.
Watkins, Parke H., Sandusky, Ohio, assignor, by mesne assignments, to United States Rubber Products, Inc., New York, N. Y. Manufacture of rubber films. 2,132,501; Oct. 11.
Watkins, Parke H., Sandusky, Ohio, assignor, by mesne assignments, to United States Rubber Products, Inc., New York, N. Y. Manufacture of rubber films. 2,132,502; Oct. 11.
Watson, Henry G., Camberwell, Victoria, and H. C. Mitchell, Ascot Vale, Victoria, assignors to Duplex Totalizators Proprietary Limited, Melbourne, Victoria, Australia. Totalizator. 2,132,910; Oct. 11.
Webber, E. E. (See Hammerbeck, Alden E., assignor.)
Weber, Tobias, Los Angeles, Calif. Coupler. 2,133,065; Oct. 11.
Webster, Willard M., Los Angeles, Calif. Combination step and extension ladder. 2,133,003; Oct. 11.
Webster, Edwin M. (See Lind, F. T., and Webster.)
Weckstein, Samson M., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing and closure. 2,132,838; Oct. 11.
Weidenbacker, Russell A., Haverford, Pa. Oil filtering means. 2,132,770; Oct. 11.
Weisen, Joseph W., Pittsburgh, Pa. Cleaning slab for continuous furnaces. 2,132,591; Oct. 11.
Welch, Emmet E., Topeka, Kans. Milling and paralleling machine. 2,132,503; Oct. 11.
Wells, Joseph H., and P. J. Wilson, Jr., Pittsburgh, Pa., assignors to Carnegie Steel Company. Disposal of ammonia liquor. 2,132,592; Oct. 11.
Wells, William A. H., Edgewood, R. I. Swivel connecter. 2,132,887; Oct. 11.
Wellton, Otto G., Rasunda, Sweden. Speed ratio indicator. 2,132,911; Oct. 11.
Wenger, B. Earl, et al. (See Henderson, Philip O., assignor.)
Wenstrom, William H., New Haven, Conn. Camera case. 2,132,549; Oct. 11.
Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Control system. 2,132,888; Oct. 11.
Wertheim, Hugo. (See Liebesny, P., and Wertheim.)
Wessel, Oswald, assignor of one-half to J. Risch, Hamburg, Germany. Divan bed. 2,132,664; Oct. 11.
Western Cartridge Company. (See Smith, J. B., Seavey, and Taylor, assignors.)
Westinghouse Air Brake Company, The. (See Aikman, Burton S., assignor.)
Westinghouse Air Brake Company, The. (See Brackenbury, Aloysius G., assignor.)
Westinghouse Air Brake Company, The. (See Bush, Rankin J., assignor.)
Westinghouse Air Brake Company, The. (See Farmer, Clyde C., assignor.)
Westinghouse Air Brake Company, The. (See Fitch, Ellery R., assignor.)
Westinghouse Air Brake Company, The. (See Hewitt, Ellis E., assignor.)
Westinghouse Air Brake Company, The. (See McCune, Joseph C., assignor.)
Westinghouse Air Brake Company, The. (See Stevens, Roy R., assignor.)
Westinghouse Air Brake Company, The. (See Stewart, Carlton D., assignor.)
Westinghouse Electric and Manufacturing Company. (See McCurdy, William H., assignor.)
Westinghouse Electric and Manufacturing Company. (See McGowan, Michael E., assignor.)
Weston, Frederick H., Bridgeport, Conn., assignor to General Electric Company. Lamp socket. 2,133,159; Oct. 11.
Wexelberg, Clarence E., assignor to Briggs Manufacturing Company, Detroit, Mich. Toilet seat and lid. 2,132,550; Oct. 11.
Wheeler, Harley T., Dallas, Tex. Pleated packing ring. 2,132,814; Oct. 11.
Whisler, Grant C., assignor to S. Morgan Smith Company, York, Pa. Hydraulic machine. 2,132,504; Oct. 11.
White, Franklin R., assignor to The Patent Button Company, Waterbury, Conn. Rivet and burr. 2,133,220; Oct. 11.
White, John F., Somerville, Mass., assignor, by mesne assignments, to Monsanto Chemical Company, Crystalline ferric sulphate and preparing the same. 2,132,449; Oct. 11.
White, Paul W., assignor to Parva Products Company, Chicago, Ill. Buckle. 2,133,066; Oct. 11.
White, Robert G., Dayton, Ohio. Crochet ring. 2,133,221; Oct. 11.
Whitin Machine Works. (See Meklenburg, Karl W., assignor.)
Whitin Machine Works. (See Nelson, Harmon O., assignor.)
Whitsitt, William B., Baltimore, Md. Air conditioning apparatus for railway cars. 2,133,067; Oct. 11.
Wich, Alfred. (See Müller, H., Vogl, and Wich.)
Widmer, Stefan, and M. Hürlimann, assignors to Aktiengeselischaft Brown Boveri & Cie., Baden, Switzerland. Electric valve protective system. 2,132,839; Oct. 11.
Wiegman, Floyd A., Chicago, Ill. Fastener for shirt collars. 2,133,068; Oct. 11.
Wilcox & Gibbs Sewing Machine Company. (See Ogden, Floyd H., assignor.)
Williams, Benjamin M., assignor to Gaylord Container Corporation, St. Louis, Mo. Container. 2,132,666; Oct. 11.
Williams Company, The. (See Martin, Elmer R., assignor.)
Williams, Floyd E., Gary, Ind., assignor to Marbon Corporation, Chicago, Ill. Mortician's sealing compound. 2,132,665; Oct. 11.
Williams, Harold, New York, N. Y., assignor to Fordyce Kimbell, Chicago, Ill. Electrically controlled race track indicator board. 2,132,912; Oct. 11.
Williams, Ira, Woodstown, and C. C. Smith, Carney's Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticizing rubber. 2,132,505; Oct. 11.
Williams, Lewis W., Short Hills, and G. A. Arnold, Chatham, assignors to Motor Improvements, Inc., Newark, N. J. Filter. 2,133,004; Oct. 11.
Williamson, Marshall I., Edgewater, N. J. Loose leaf binder. 2,133,069; Oct. 11.
Wilson, James A., San Francisco, Calif. Nut lock. 2,132,667; Oct. 11.
Wilson, Philip J., Jr. (See Wells, J. H., and Wilson.)
Winkler, Max W., Northampton, assignor to Queen City Textile Corporation, Allentown, Pa. Cutting mechanism for finishing machines. 2,132,713; Oct. 11.
Winther, Martin P. (See Kindt, Mark, assignor.)
Wittel, Otto, and L. R. Martin, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Locating member for a film magazine with respect to motion picture apparatus. 2,132,714; Oct. 11.
Wittel, Otto, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Guide member for motion picture apparatus of the magazine type. 2,132,715; Oct. 11.
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Slide changing device for a projector. 2,132,716; Oct. 11.
Wittmack, Charles E., assignor to Oshkosh B'Gosh, Inc., Oshkosh, Wis. Overall. 2,132,668; Oct. 11.
Witzel, Earl R., and R. L. Humbert, Kohler, Wis. Prime mover dynamo plant. 2,132,815; Oct. 11.
Wolf, Austin M., Plainfield, N. J. Motor vehicle. 2,132,450; Oct. 11.
Wolf Brothers. (See Wolf, Howard A.)
Wolf, Elias, et al. (See Wolf, Howard A., assignor.)
Wolf, Eugene G., assignor to Landis Machine Company, St. Louis, Mo. Rough rounder. 2,132,979; Oct. 11.
Wolf, Howard A., assignor to L., E., H. A., and W. L. Wolf, doing business as Wolf Brothers, Philadelphia, Pa. Paper bag. 2,132,669; Oct. 11.
Wolf, Louis et al. (See Wolf, Howard A., assignor.)
Wolf, Walter L., et al. (See Wolf, Howard A., assignor.)
Wolff, Otto E., assignor, by mesne assignments, to P. S. Bauer, Belmont, Mass., trustee of R. S. Bauer trust. Machine for separating, counting, and delivering sheet material. 2,132,451; Oct. 11.
Wolff, Otto E., Arlington, assignor to P. S. Bauer, Belmont, Mass., trustee for R. S. Bauer trust. Machine for separating, counting and delivering sheet material. 2,133,259; Oct. 11.
Wolff, Otto E., Arlington, assignor to P. S. Bauer, Belmont, Mass., trustee of R. S. Bauer trust. Machine for stacking sheet material. 2,133,260; Oct. 11.
Wolff, Otto E., Arlington, assignor to P. S. Bauer, Belmont, Mass., trustee of R. S. Bauer trust. Machine for separating, counting, delivering, wrapping, and addressing sheet material. 2,133,261; Oct. 11.
Wolff, Otto E., Arlington, assignor to P. S. Bauer, Belmont, Mass, trustee of R. S. Bauer trust. Machine for separating, counting, and delivering sheet material. 2,133,262; Oct. 11.
Wolff, Otto E., Arlington, assignor to P. S. Bauer, Belmont, Mass., trustee of R. S. Bauer trust. Machine for handling sheet material. 2,133,263; Oct. 11.

Wolff, Otto E., assignor, by mesne assignments, to P. S. Bauer, Belmont, Mass., trustee of R. S. Bauer trust. Machine for separating, counting, and delivering sheet material. 2,133,264; Oct. 11.
Wolff, Otto E., Arlington, assignor to P. S. Bauer, Belmont, Mass., trustee of R. S. Bauer trust. Counter. 2,133,265; Oct. 11.
Wollenweber, William, Sacramento, Calif. Electrician's tool. 2,133,005; Oct. 11.
Wollner, Hans, Detroit, Mich., assignor to Universal Products Co, Inc. Universal joint. 2,132,816; Oct. 11.
Wood, Thomas E., Library, Pa. Fuel burner. 2,132,551; Oct. 11.
Wood, Wallace H., assignor to Norton Company, Worcester, Mass. Wheel feeding mechanism. 2,133,006; Oct. 11.
Woodrow, Homer H. (See Hobson, W., and Woodrow.)
Woolley, Thomas R., and F. Hammis, Detroit, Mich. Stoker construction. 2,132,980: Oct. 11.
Workman, Clarence E., and L. M. Kubaugh, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient mounting. 2,132,840; Oct. 11.
Wright Aeronautical Corporation. (See Chilton, Roland, assignor.)
Wright Aeronautical Corporation. (See Speirs, Ralph D., assignor.)
Wright-Dalton Machinery Company. (See Dalton, John T., assignor.)
Wright, E. T., & Company. (See Donovan, Alfred F., assignor.)
Wright's Automatic Tobacco Packing Machine Company. (See Hulse, James E., assignor.)
Wüest, Heinz M. (See Frey, A., and Wüest.)
Wünsch, Hans. (See Bischoff, K., Niemann, and Wünsch.)
Wurlitzer, Rudolph, Company, The. (See Mitchell, John R., assignor.)
Yates-American Machine Company. (See Klespe, William C., assignor.)
Yellow Truck and Coach Manufacturing Company. (See Kelley, Oliver K., assignor.)
Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Hydrocarbon fluid conversion process. 2,132,453; Oct. 11.
Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Manufacturing motor fuels. 2,133,070; Oct. 11.
Young, D'Arcy A., Jr., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Mount for transparencies. 2,132,670; Oct. 11.
Zeiss Ikon Aktiengesellschaft. (See Clamann, Gerhard, assignor.)
Zellner, H. Grady. (See Ulrey, David G., assignor.)
Zetmeir, Emil A., Topeka, Kans. Baggage car door hanger and operating mechanism. 2,132,817; Oct. 11.
Zwald, John J., Emporium, Pa. Collapsible stereoscope. 2,133,222: Oct. 11.
Zwick, Kurt, Munich, assignor to Friedrich Deckel, Munich-Prinz Ludwigshohe, Germany. Engraving machine. 2,132,452; Oct. 11.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 11TH DAY OF OCTOBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Aryl mercury compounds of ureid and purine bases and making the same. C. N. Andersen. Re 20,880; Oct. 11.
Machine for making filling, closing, and wrapping bags. A. Rambold. Re. 20,881; Oct. 11.
Shock absorber. E. M. Wise. Re. 20,882; Oct. 11.

LIST OF PLANT INVENTIONS

Lily, Water. M. E. Randig. 294; Oct. 11.

LIST OF DESIGN INVENTIONS

Airplane landing wheel position indicator. C. H. H. Rodanet. 111,714; Oct. 11.
Alphabet for forming monograms for wearing apparel or similar article. C. Emmey. 111,696–7; Oct. 11.
Alphabet for forming monograms or similar article. M. Chernow. 111,694; Oct. 11.
Alphabet for forming monograms or similar article. M. Chernow. 111,722–3; Oct. 11.
Arc welded. L. J. Ganyaw. 111,703; Oct. 11.
Ashtray. J. K. Milton. 111,682; Oct. 11.
Ashtray or similar article. M. Exelmans. 111,650; Oct. 11.
Bar, Portable. F. P. Canterbury. 111,648; Oct. 11.
Bottle and stopper therefor, Combined perfume. A. Tarsaidze. 111,673; Oct. 11.
Box, Display. A. Di Domenico. 111,649; Oct. 11.
Building. J. H. Shale and L. C. Voelker. 111,667; Oct. 11.
Cabinet, Phonograph. P. M. Fuller. 111,702; Oct. 11.
Cap, Knitted. P. H. Schmidt. 111,716; Oct. 11.
Case or similar article, Cigarette. G. W. Headley, 3rd. 111,653; Oct. 11.
Case or similar article, Vanity. F. Spitalny. 111,668–9; Oct. 11.
Chair and stepladder, Combined. L. Sunquist and M. Blythe. 111,670; Oct. 11.
Cleaner, Vacuum. L. B. Salt. 111,689; Oct. 11.
Coat. S. C. Klein. 111,707; Oct. 11.
Coat. J. A. Silverman. 111,718–9; Oct. 11.
Compact or similar article. W. T. Parkin. 111,662; Oct. 11.
Curler, Hair. E. B. Gilleland. 111,652; Oct. 11.
Curtain or similar article. G. F. Erhard. 111,724–5; Oct. 11.
Device for investigating atomic structure. W. H. Wells. 111,690; Oct. 11.
Dress. J. Chambart. 111,721; Oct. 11.
Dress. P. Fracchia. 111,699–701; Oct. 11.
Dress. B. Fried. 111,726; Oct. 11.
Dress. H. Honig. 111,705; Oct. 11.
Dress. H. J. Katz. 111,706; Oct. 11.
Dress. A. Maldman. 111,729–30; Oct. 11.
Dress. M. Michelson. 111,712; Oct. 11.
Dress. P. Schlessel. 111,715; Oct. 11.
Dress. M. Stone. 111,732; Oct. 11.
Dress. O. Wusits. 111,735; Oct. 11.
Dress ensemble. M. Michelson. 111,711; Oct. 11.
Dress ensemble. M. Stone. 111,720; Oct. 11.
Electrolabrum tree. J. L. Engstrom. 111,698; Oct. 11.
Fabric or similar article, Textile. A. Hafner. 111,728; Oct. 11.
Fabric or similar article, Textile. M. Turpan. 111,734; Oct. 11.
Fabric, Textile. H. M. Goldman. 111,727; Oct. 11.
Fabric, Textile. I. Strauss. 111,733; Oct. 11.
Fan, Electric. J. J. Janca. 111,681; Oct. 11.
Fender for a wheeled vehicle. J. R. Morgan. 111,683; Oct. 11.
Ferrule for household utensil handles and the like. C. R. T. Hess. 111,655; Oct. 11.
File, Nail. A. A. Crompton. 111,695; Oct. 11.
Footrest. H. C. Stoll. 111,672; Oct. 11.
Game board. D. L. Alger. 111,647; Oct. 11.
Game device. R. B. Mott. 111,660; Oct. 11.
Guard, Vehicle. L. E. Russell. 111,687–8; Oct. 11.
Handbag. F. N. Lewis. 111,710; Oct. 11.
Hanger, Garment. W. L. Seavey. 111,665–6; Oct. 11.
Hat. M. A. Goldstein. 111,704; Oct. 11.
Hat. M. F. Mathews. 111,658; Oct. 11.
Hat. E. Wittcoff. 111,674; Oct. 11.
Horse-trailer body. C. J. Shields. 111,717; Oct. 11.
Ice cream cone. H. H. Schwartz. 111,664; Oct. 11.
Jar. F. McIntosh. 111,659; Oct. 11.
Locomotive and tender, Combined. J. W. Patton and P. P. Cret. 111,713; Oct. 11.
Mounting, Stone. F. F. Kuhn. 111,656; Oct. 11.
Projector, Contour measuring. H. F. Kurtz. 111,708; Oct. 11.
Rack, Book. E. E. Staub. 111,671; Oct. 11.
Rack, Display. J. H. Pollard. 111,685; Oct. 11.
Rug or similar article. H. J. Muller. 111,684; Oct. 11.
Rug or similar article. F. W. Rauscher. 111,686; Oct. 11.
Scaffold unit. G. W. Frost. 111,651; Oct. 11.
Scarf or similar article. T. Sarg. 111,731; Oct. 11.
Shoe. S. Hurwit. 111,678–80; Oct. 11.
Shoe or similar article. V. De Liso. 111,675–7; Oct. 11.
Shoe or similar article. S. A. Wood. 111,691–2; Oct. 11.
Stove, Heating. A. D. Olds. 111,661; Oct. 11.
Toy bed. K. E. Little. 111,657; Oct. 11.
Tray and powder puff display, Combined supporting. J. Levy. 111,709; Oct. 11.
Vase and bouquet holder or similar article, Combined flower. E. Reynolds. 111,663; Oct. 11.
Whatnot or similar article. E. C. Herron. 111,654; Oct. 11.
Wrap, Evening. A. Brieff. 111,693; Oct. 11.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 11TH DAY OF OCTOBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrasive device. F. O. Albertson. 2,132,917; Oct. 11.
Abrasive device. J. L. Ballash. 2,133,009; Oct. 11.
Abrasive treater. G. C. Beck. 2,132,600; Oct. 11.
Accordions, Selective shift for. V. E. Morrison. 2,133,107; Oct. 11.
Acid diamide of long chain aliphatic diamines and making the same, Aliphatic. G. J. Berchet. 2,132,388; Oct. 11.
Acids and preparing the same, Dicarboxylic. A. W. Ralston and S. T Bauer. 2,133,008; Oct. 11.
Adhesive. C. Iddings. 2,133,098; Oct. 11.
Adjustable back support. P. Brightman and G. C. Stewart. 2,133,223; Oct. 11.
Adjustable chair, Portable. H. Burchall. 2,132,525; Oct. 11.
Advertising device. C. W. Stevens. 2,133,155; Oct. 11.
Aeroplane. W. W. Rothenhoefer. 2,133,043; Oct. 11.
Agent for and process of sizing textile fibers. K. Jochum and H. Geier. 2,132,901; Oct. 11.
Agent for sizing textile fibers and applying it. A. Voss, E. Dickhäuser, W. Starck, and K. Jochum. 2,133,125; Oct. 11.
Air conditioning apparatus for railway cars. W. B. Whitsitt. 2,133,067; Oct. 11.
Air conditioning system. L. A. Philipp. 2,133,039; Oct. 11.
Air control for furnaces, Secondary. P. O. Henderson. 2,133,026; Oct. 11.
Airplane construction. W. B. Firner. 2,132,529; Oct. 11.
Alcoholic spirits, Aging distilled. C. K. Reiman. 2,132,435; Oct. 11.
Alkali metal hydroxides, Purification of. H. M. Spittle. 2,132,585; Oct. 11.
Amine salts of cevitamic acid, Aliphatic. E. H. Volwiler and M. B. Moore. 2,132,662; Oct. 11.
Amino bodies, Preparation of. J. A. Bertsch. 2,132,389; Oct. 11.
Amino compounds, Manufacture of hydroxy. H. H. Bassford, Jr. 2,132,454; Oct. 11.
Amplifier, Audio frequency. L. D. Norton. 2,132,830; Oct. 11.
Amusement device. I. W. Eisenberg and F. W. Falck. 2,133,165; Oct. 11.
Amusement device in which weights are projected upwardly. A. B. Smeal and W. K. Jull. 2,132,444; Oct. 11.
Antenna for moving vehicles. W. G. Dunn. 2,132,938; Oct. 11.
Antenna system, Tuned. J. R. Rigandi. 2,132,881; Oct. 11.
Antislipping device. G. A. Moriarty. 2,132,860; Oct. 11.
Apparatus designed to illustrate the laws of economics by physical analogies. J. D. Mooney. 2,132,514; Oct. 11.
Applicator, Vertical dust. J. W. Foote. 2,132,727; Oct. 11.
Apron and play suit, Combination. J. Goldberg. 2,132,466; Oct. 11.
Arc welding system, Automatic. C. J. Holslag. 2,132,479; Oct. 11.
Arch nosing. G. P. Reintjes. 2,132,517; Oct. 11.
Article and making same, Decorated. H. F. Colvin. 2,133,081; Oct. 11.
Article and making same, Multi-ply. M. Sperber. 2,132,907; Oct. 11.
Article counting and stacking mechanism. J. T. Dalton. 2,133,189; Oct. 11.
Articles from steel alloys, Manufacture of. F. K. Naumann. 2,132,877; Oct. 11.
Articles, Method and apparatus for decorating. D. Denelsbeck. 2,132,868; Oct. 11.
Automatic hydraulic clutch. W. S. Jones. 2,132,631; Oct. 11.
Automatically adjustable brake. E. J. Nachtwey. 2,132,576; Oct. 11.
Automobile heater. A. W. Le Fevre. 2,133,103; Oct. 11.
Automobiles, Device for washing. B. Cockcroft. 2,132,459; Oct. 11.
Automotive equipment. S. T. Montambo. 2,132,828; Oct. 11.
Axle. D. H. Davis. 2,132,725; Oct. 11.
Axle and forming same. J. H. Gettig. 2,133,091; Oct. 11.
Axle housing, Forming an. J. H. Gettig. 2,133,092; Oct. 11.
Azanthracene derivatives, Producing. K. Koeberle and E. Ploetz. 2,133,100; Oct. 11.
Azo compounds and dyeing therewith. J. G. McNally and J. B. Dickey. 2,132,872; Oct. 11.
Bag: *See*—
  Paper bag.
Bag and separate cover, Individual coffee or tea. S. E. Fritsche. 2,133,166; Oct. 11.
Baked goods and making same. H. S. Colth, A. S. Richardson, and V. M. Votaw. 2,132,396–7; Oct. 11.
Band, Garment. H. Hardie. 2,132,616; Oct. 11.
Bar: *See*—
  Handle bar.
Basket, Double wall handle. E. E. Mohler. 2,132,638; Oct. 11.
Bathing cap. R. Suthers. 2,132,864; Oct. 11.
Battery construction, Storage. G. L. Kyle. 2,132,793; Oct. 11.
Bearing and closure. S. M. Weckstein. 2,132,838; Oct. 11.
Bearing and making same, Antifriction. S. R. Large. 2,133,030; Oct. 11.
Bearings, Making. J. H. Davis. 2,132,867; Oct. 11.
Bed, Divan. O. Wessel. 2,132,664; Oct. 11.
Bedpan. H. A. Schack. 2,132,651; Oct. 11.
Belt shifting apparatus. C. A. Rich. 2,132,880; Oct. 11.
Bending brake. T. J. Kelleher. 2,132,569; Oct. 11.
Binder, Loose leaf. M. I. Williamson. 2,133,069; Oct. 11.
Bit: *See*—
  Drill bit. Roller bit.
  Horse bit.
Bit. J. T. Phipps. 2,132,493; Oct. 11.
Blade magazine and razor. J. Muros. 2,132,798; Oct. 11.
Blind, Venetian. L. Mintz. 2,132,991; Oct. 11.
Blind, Window. R. C. Pratt. 2,133,113; Oct. 11.
Block: *See*—
  Stoker grate block. Toy building block.
Bobbin. W. J. McGeough. 2,132,990; Oct. 11.
Boiler: *See*—
  Steam boiler.
Book construction. F. S. Schade. 2,132,542; Oct. 11.
Booth, Spray. J. E. Ludwig. 2,132,826; Oct. 11.
Bottle, Paper milk. C. H. Berry. 2,132,672; Oct. 11.
Bottles and like articles, Method of and apparatus for decorating. C. Cone. 2,132,818; Oct. 11.
Box: *See*—
  Journal box. Vanity box.
Box, lid, or the like, Paper. C. L. Claff. 2,132,776; Oct. 11.
Boxes and box covers, Apparatus for making. M. Mednick and M. Eula. 2,132,859; Oct. 11.
Bracket gutter hanger. S. Steckler. 2,132,587; Oct. 11.
Brake: *See*—
  Automatically adjustable brake. Fluid pressure brake. Hydraulic brake.
  Bending brake.
Brake. P. Kurlak and A. O. Stone. 2,132,480; Oct. 11.
Brake arrangement. W. H. Baselt. 2,133,242–3; Oct. 11.
Brake construction. L. A. Bixby. 2,133,074; Oct. 11.
Brake control device. B. S. Aikman. 2,132,916; Oct. 11.
Brake control means. B. S. Aikman. 2,132,913; Oct. 11.
Brake control means. E. R. Fitch. 2,132,914; Oct. 11.
Brake lever and ratchet construction. H. S. Jandus. 2,132,954; Oct. 11.
Brake mechanism. E. G. Mueller. 2,132,994; Oct. 11.
Brake rigging. T. C. Crossman. 2,133,162; Oct. 11.
Brake valve. R. J. Bush. 2,132,935; Oct. 11.
Broaching machine. H. L. Pope and G. R. Squibb. 2,132,540; Oct 11.
Brush attaching device for mops. D. Paul. 2,133,148; Oct. 11.
Brush, Automatically ignited and extinguished hot water shaving. W. G. Frazier. 2,132,943; Oct. 11.
Buckle. P. W. White. 2,133,066; Oct. 11.
Buckle, Belt G. R. Eaton. 2,132,608; Oct. 11.
Buckle, Decorative. W. L. Myers. 2,132,876; Oct. 11.
Buckle, Lingerie. J. Shaulson. 2,133,153; Oct. 11.
Buffer, Finger nail. E. Ayres. 2,132,889; Oct. 11.
Buffing or polishing wheel. E. W. Hall. 2,132,532; Oct. 11.
Building construction. A. A. Prive. 2,132,832; Oct. 11.
Burner: *See*—
  Fuel burner.
Burner construction. J. T. Voorhels. 2,132,521; Oct. 11.
Burner ignition apparatus. H. L. Sneed. 2,133,215; Oct. 11.
Cabinet: *See*—
  Sewing machine cabinet.
Cabinet and daily reminder, Reservations. F. D. Schmiedemann. 2,132,652; Oct. 11.
Cable wrapping. G. G. Greene and F. A. Pneuman. 2,132,566; Oct. 11.
Cake. B. R. Harris. 2,132,417; Oct. 11.
Calculator. E. H. Schane. 2,133,046; Oct. 11.
Cam grinding apparatus. C. J. Green. 2,132,949; Oct. 11.
Camera attachment. D. R. Farmen. 2,132,683; Oct. 11.
Camera attachment. J. W. McFarlane. 2,132,694; Oct. 11.

Camera case. W. H. Wenstrom. 2,132,549; Oct. 11.
Camera construction, Roll holding. A. Nagel. 2,132,696; Oct. 11.
Camera, Roll holding. J. Mihalyi. 2,132,695; Oct. 11.
Camera shutter, Focal plane. W. A. Black. 2,133,011; Oct. 11.
Can uprighting and discharging mechanism. O. B. Rufus. 2,133,044; Oct. 11.
Cant-hook. J. Andrejchak. 2,132,553; Oct. 11.
Cap: *See*—
  Bathing cap.
Cap for liquid tank filler spouts, Safety. A. Offcutt. 2,132,432; Oct. 11.
Car journal lubricator. A. J. Jones. 2,132,420; Oct .11.
Carbon bisulphide, Recovering. K. Baumert and R. S. Bley. 2,133,244; Oct. 11.
Carburetor. L. H. Messinger, Jr. 2,133,033; Oct. 11.
Cascasses, Apparatus for and method of cleaning. A. Kurt. 2,132,634; Oct. 11.
Carriage, Tractor type. C. Braune and E. J. Reardon. 2,132,558; Oct. 11.
Carton. K. N. Chase. 2,132,604; Oct. 11.
Carton. T. W. Mahone. 2,132,957; Oct. 11.
Carton and blank for forming same. H. Kondolf. 2,132,632; Oct. 11.
Carton, Dispensing spout. D. Bensel. 2,132,925; Oct. 11.
Carton, Display. J. A. Buser. 2,132,526; Oct. 11.
Carton loading machine. R. A. Jones. 2,133,248; Oct. 11.
Case: *See*—
  Camera case.
Casing construction. R. H. Money. 2,132,796; Oct. 11.
Caster control means for movable trucks and the like. I. F. Schreck and C. S. Mann. 2,132,973; Oct. 11.
Catalyst, Hydrogenation. J. François. 2,132,613; Oct. 11.
Catch, Door. A. E. Hammerbeck. 2,132,733; Oct. 11.
Cathode ray tube apparatus. M. Bowman-Manifold and A. D. Blumlein. 2,132,933; Oct. 11.
Cellulose esters and ethers, Dyeing. H. Blackshaw and M. A. T. Rogers. 2,132,456; Oct. 11.
Cellulosic masses, Handling viscous. S. G. Milhorn. 2,132,873; Oct. 11.
Cement clinker, Apparatus for producing. H. Vanderwerp. 2,132,710; Oct. 11.
Cementitious composition of matter, Making. B. F. and P. B. Brice. 2,133,245; Oct. 11.
Chain. D. L. Raltt. 2,132,803; Oct. 11.
Chair: *See*—
  Adjustable chair.
Chair. W. M. Hanson. 2,132,467; Oct. 11.
Chair seat. E. C. Klaiber. 2,132,482; Oct. 11.
Chassis for a child's vehicle, Shock absorbing. P. T. Baumgartner. 2,132,841; Oct. 11.
Chassis of motor-driven vehicles. F. Nallinger. 2,132,963; Oct. 11.
Check for check controlled apparatus. A. A. Knee. 2,133,250; Oct. 11.
Chemical heating pad. W. H. H. Davis and L. Markel. 2,132,681; Oct. 11.
Chuck, Magnetic. H. E. Tracy. 2,132,885; Oct. 11.
Circuit: *See*—
  Electric remote selector circuit.
Circuit apparatus, Railway track. G. R. Pflasterer. 2,133,177; Oct. 11.
Circuit breaker. J. G. Jackson. 2,132,625–9; Oct. 11.
Circuit breaker. J. G. Jackson and W. T. Allen. 2,132,623; Oct. 11.
Circuit breaker. D. W. Ver Planck and J. W. Seaman. 2,133,158; Oct. 11.
Circuit breaker, Enclosed. J. G. Jackson. 2,132,624; Oct. 11.
Clamp: *See*—
  Hair waving clamp.
Cleaner and post hole digger, Culvert. W. Minier. 2,132,795; Oct. 11.
Cleaner: *See*—
  Vacuum cleaner.
Cleaner for coffee and other grains. J. B. Morgan. 2,132,961; Oct. 11.
Cleaning composition and method. W. Hentrich and W. Reuss. 2,132,511; Oct. 11.
Clip: *See*—
  Hair clip.
Clock, Electric. F. R. Borgfeldt. 2,133,052; Oct. 11.
Closure and cap for jars, bottles, and the like, Metal. S. Freeman. 2,132,944; Oct. 11.
Closure for pressure cookers. P. W. Stephens. 2,133,060; Oct. 11.
Closure for sealing bottles and like receptacles. F. Casablancas. 2,132,775; Oct. 11.
Closures, Loosening or tightening. L. Palmeri. 2,132,878; Oct. 11.
Cloth-cutting machine. A. Komow. 2,133,101; Oct. 11.
Clothesline reel. C. A. and J. C. Stockwell. 2,132,348; Oct. 11.
Clutch: *See*—
  Automatic hydraulic clutch.
Clutch control means. H. E. Clarke. 2,132,721; Oct. 11.
Clutch engagement to speed of vehicle, Correlating speed of. T. B. Tyler. 2,133,001; Oct. 11.
Clutch mechanism. J. L. Hatcher. 2,132,418; Oct. 11.
Clutch operating mechanism. O. K. Kelley. 2,133,053; Oct. 11.
Coat construction. H. Gemignani. 2,133,193; Oct. 11.
Coating apparatus. H. T. Scott. 2,133,214; Oct. 11.
Coating, Method of. F. N. Speller. 2,132,584; Oct. 11.
Coffee making device. E. H. Sieling. 2,133,178; Oct. 11.
Coil, Electrical. J. P. Quam. 2,132,833; Oct. 11.
Collar for fruit boxes, Protective. C. E. Ridgway. 2,133,041; Oct. 11.
Compass, Aircraft. K. E. Kunze and T. L. Soo-Hoo. 2,132,740; Oct. 11.
Composition containing a butyl-p-toluene sulphonamide, Cellulose organic ester. H. B. Smith. 2,132,884; Oct. 11.
Compositions of matter. H. S. Colth, A. S. Richardson, and V. M. Votaw. 2,132,395; Oct. 11.
Concrete insert. A. E. Davis. 2,133,134; Oct. 11.
Condensation products. W. Bauer. 2,132,671; Oct. 11.
Condenser: *See*—
  Electrical condenser.
Confection. E. A. O'Brien. 2,132,966; Oct. 11.
Connecter: *See*—
  Swivel connecter.
Connection, Drive. A. Kuhns. 2,133,102; Oct. 11.
Contact means. W. O. Hampton and A. E. Nessler. 2,132,685; Oct. 11.
Container: *See*—
  Metal container.
Container. C. Barbieri. 2,132,597; Oct. 11.
Container. C. Butty. 2,133,185; Oct. 11.
Container. B. M. Williams. 2,132,666; Oct. 11.
Containers, Coating. H. T. Scott. 2,133,213; Oct. 11.
Containers or parts thereof, Manufacturing. H. M. Kieckhefer. 2,132,956; Oct. 11.
Control and driving method and apparatus. W. E. Haupt. 2,132,567; Oct. 11.
Control apparatus for drilling wells. J. E. Brantly. 2,133,016; Oct. 11.
Control device. A. G. Hann. 2,133,226; Oct. 11.
Control means, Resilient. J. M. Gwinn, Jr. 2,133,168; Oct. 11.
Control mechanism. C. A. Arens. 2,132,919; Oct. 11.
Control mechanism for liquid dispensing apparatus. J. A. Logan and W. H. De Lancey. 2,132,536; Oct. 11.
Control mechanism for ratio-changing transmissions. W. T. Murden and T. C. Delaval-Crow. 2,132,752; Oct. 11.
Control of variable physical characteristics, Automatic. A. Callender. 2,133,246; Oct. 11.
Control system. W. B. Snyder. 2,133,154; Oct. 11.
Control system. C. J. Werner. 2,132,888; Oct. 11.
Controlling apparatus for highway crossing signals. C. H. Lay. 2,133,171; Oct. 11.
Copper, Electroplating. R. R. Rogers. 2,133,255; Oct. 11.
Cord and article made of cord. J. Anderson and M. Langstreth. 2,133,071; Oct. 11.
Cored articles, Molding. C. J. Kohler. 2,132,739; Oct. 11.
Corrosion fatigue failures, Prevention of. F. N. Speller. 2,132,586; Oct. 11.
Couch bed. M. Gursky. 2,133,167; Oct. 11.
Counter. O. E. Wolff. 2,133,265; Oct. 11.
Coupler. T. Weber. 2,133,065; Oct. 11.
Coupling: *See*—
  House coupling. Tube coupling.
  Self-locking coupling.
Coupling and lock. G. T. Cooke. 2,132,779; Oct. 11.
Coupling for electric conductors. F. Pennell. 2,132,967; Oct. 11.
Cover: *See*—
  Utensil cover.
Covering and the like, Floor. S. C. Clark. 2,132,936; Oct. 11.
Covering construction. J. A. Topping. 2,132,999; Oct. 11.
Covering, Wall. J. L. Tuthill. 2,132,499; Oct. 11.
Crankshaft dressing tool. E. A. Foster. 2,133,192; Oct. 11.
Crochet ring. R. G. White. 2,133,221; Oct. 11.
Crusher, Cone. H. F. Campbell. 2,132,508; Oct. 11.
Cultivator. W. H. Silver. 2,132,762; Oct. 11.
Curler, Eyelash. H. S. Risberg. 2,133,042; Oct. 11.
Curler, Hair. A. R. Visitacion. 2,132,500; Oct. 11.
Current motor. J. G. Gholston. 2,133,023; Oct. 11.
Curtain, Light seal. L. F. Julien. 2,132,986; Oct. 11.
Cushion and life belt, Combined. G. R. Shaw. 2,132,544; Oct. 11.
Cut-off and transfer mechanism for metal swaging machines. J. J. Kearney. 2,132,853; Oct. 11.
Cutter: *See*—
  Outside pipe cutter.
Cutter. H. D. Stevens. 2,132,835; Oct. 11.
Cutting device. H. A. Cumfer. 2,132,460; Oct. 11.
Cutting mechanism for finishing machines. M. W. Winkler. 2,132,713; Oct. 11.
Cylinder head. R. Chilton. 2,132,605; Oct. 11.
Cylinder of a combustion engine with connected crankcase. A. Berger. 2,132,842; Oct. 11.
Dam, Building a. S. W. Stewart and C. V. Davis. 2,133,256; Oct. 11.
Deck for vehicles, Movable. L. M. Francis. 2,132,464; Oct. 11.
Decorative needled fabric. M. R. Greiser. 2,132,530; Oct. 11.

De-icer for aeroplanes and the like. J. F. Hamil. 2,133,025; Oct. 11.
Delay detonator. J. B. Smith, F. R. Seavey, and C. A. Taylor. 2,133,119; Oct. 11.
Depth-adjusting mechanism. M. H. Tuft. 2,133,180; Oct. 11.
Device for dressing grinding wheels. H. Danner. 2,133,191; Oct. 11.
Diaphragm pump. A. L. Mennesson. 2,133,207; Oct. 11.
Diazo-amino compounds, Producing. W. W. Moyer. 2,133,037; Oct. 11.
Die-holder. W. J. Schuster. 2,132,581; Oct. 11.
Differential. D. D. Ormsby. 2,133,112; Oct. 11.
Dinitriles, Preparing aliphatic. C. H. Greenewalt and G. W. Rigby. 2,132,849; Oct. 11.
Dispenser and stopper, Ink bottle. E. Schlueter. 2,132,518; Oct. 11.
Dispensing device. A. S. Schenker. 2,132,497; Oct. 11.
Displacement means. C. Bancroft. 2,132,595; Oct. 11.
Displacement means, Rotary. C. Bancroft. 2,132,596; Oct. 11.
Display device. M. R. Greiser. 2,132,531; Oct. 11.
Display sign. B. N. Reamer. 2,132,970; Oct. 11.
Display stand. F. W. Hill. 2,132,785; Oct. 11.
Display stand. G. S. Nelson. 2,133,254; Oct. 11.
Display support. R. G. Ostrander. 2,132,799; Oct. 11.
Distance finder. D. J. Baker. 2,133,241; Oct. 11.
Dog for conveyer chains, Pusher. L. J. Bishop. 2,132,455; Oct. 11.
Door construction for heating boilers. E. P. Baker. 2,132,507; Oct. 11.
Door latch. E. H. Waterman. 2,132,590; Oct. 11.
Door locking means. J. Toren. 2,132,767; Oct. 11.
Doughs, Preparing yeast raised. A. S. Richardson, H. S. Coith, and V. M. Votaw. 2,132,700; Oct. 11.
Drain appliance, Supra-pubic. F. Buchstein. 2,133,130; Oct. 11.
Drier; *See*—
Hair drier.
Drier. H. L. Schmidt. 2,132,972; Oct. 11.
Drill bit, Rotary. R. P. Fisher. 2,133,022; Oct. 11.
Drilling apparatus, Rotary. J. E. Brantly and J. M. Shimer. 2,133,017; Oct. 11.
Drive assembly. G. R. Blanchard. 2,132,928; Oct. 11.
Dye, Water-insoluble monoazo. M. A. Dahlen and M. E. Friedrich. 2,132,846; Oct. 11.
Dyestuffs and making the same, Azo. F. Felix and J. Scheidegger. 2,132,560; Oct. 11.
Dyestuffs, Azo. F. Felix and J. Scheidegger. 2,132,561; Oct. 11.
Dyestuffs of the anthraquinonenaphthacridone series and making same. W. Moser and W. Fioroni. 2,132,829; Oct. 11.
Dyestuffs of the anthrimide series. E. E. Beard. 2,133,072; Oct. 11.
Dynamo plant, Prime mover. J. V. Gil. 2,132,768; Oct. 11.
Dynamo plant, Prime mover. E. R. Witzel and R. L. Humbert. 2,132,815; Oct. 12.
Earscrew. M. K. Kuhlmann. 2,132,856; Oct. 11.
Edible material in ribbon form. P. A. Hilliard. 2,132,690; Oct. 11.
Electric connecter plug. H. D. Geyer. 2,132,870; Oct. 11.
Electric control contactor, Safety. T. W. Barlow. 2,133,160; Oct. 11.
Electric control for power presses and the like. L. H. Colbert. 2,133,161; Oct. 11.
Electric heater. G. Decker. 2,133,163; Oct. 11.
Electric remote selector circuit. L. E. W. Montrose-Oster. 2,132,960; Oct. 11.
Electrical apparatus. J. P. Smith. 2,132,654; Oct. 11.
Electrical condenser. W. Dubilier. 2,133,086; Oct. 11.
Electrical discharge device. J. H. McCauley. 2,133,206; Oct. 11.
Electrical discharge device, Animated. J. H. McCauley. 2,133,205; Oct. 11.
Electrical discharge devices. J. H. McCauley. 2,132,427; Oct. 11.
Electrical impulses, System for producing. J. P. Smith. 2,132,655; Oct. 11.
Electrical indicator. L. Boddy. 2,133,077; Oct. 11.
Electrical insulation. F. J. Baird and A. L. Simison. 2,133,183; Oct. 11.
Electrical treating apparatus, especially for sterilization. F. S. Smith. 2,132,703–7; Oct. 11.
Electrical wiring system for buildings. H. S. Curren. 2,132,400; Oct. 11.
Electrician's tool. W. Wollenweber. 2,133,005; Oct. 11.
Electron discharge device. K. Fritz. 2,132,946; Oct. 11.
Electron discharge device. P. C. Goldmark. 2,132,783; Oct. 11.
Emulsifier. F. W. Knott. 2,132,854; Oct. 11.
Emulsions and producing same, Bituminous. W. N. Davis, O. E. Cushman, and J. E. Fratis. 2,132,607; Oct. 11.
Emulsions, Treating. S. E. Campbell. 2,133,186; Oct. 11.
Engine; *See*—
Internal combustion engine. Rotary engine.
Engines having regulation of charge quantities, Operating internal combustion. P. Rieppel and S. Grantz. 2,132,646; Oct. 11.
Engraving machine. K. Zwick. 2,132,452; Oct. 11.
Equalizer for vehicle brakes, Hydraulic. J. E. Hulse. 2,133,196; Oct. 11.
Eraser appliance. A. Pestel. 2,132,643; Oct. 11.
Eraser, Typewriter. F. C. Schnabel. 2,132,906; Oct. 11.
Escapement. E. E. Taliaferro. 2,133,216; Oct. 11.
Esters of cellulose, Hydrolysis of mixed. C. J. Malm and L. W. Blanchard, Jr. 2,132,871; Oct. 11.
Esters of glycol ethers. H. L. Cox and T. F. Carruthers. 2,132,679; Oct. 11.
Ethers and making same, Acylated. H. A. Bruson and J. W. Eastes. 2,132,675; Oct. 11.
Exercising apparatus. J. H. Pilates. 2,132,862; Oct. 11.
Eye movements, Recording. C. C. and J. Y. Taylor. 2,132,520; Oct. 11.
Fabric; *See*—
Decorative needled fabric. Water-resistant fabric.
Glass fabric.
Fabric and the production thereof, Knitted. A. R. Cole. 2,132,778; Oct. 11.
Fabric clamping means. F. W. Kammerer. 2,133,199; Oct. 11.
Facing, Wall. F. Sohn. 2,132,547; Oct. 11.
Facsimile recording device, High speed. E. W. Allen, Jr. 2,133,181; Oct. 11.
Fastener. E. Max. 2,133,204; Oct. 11.
Fastener for garments, Detachable loop. W. A. Mysels and R. Isenberg. 2,133,057; Oct. 11.
Fastener for shirt collars. F. A. Wiegman. 2,133,068; Oct. 11.
Fasteners, Making paper. E. G. Martin and E. E. Stark. 2,132,693; Oct. 11.
Fastening for suitcases and the like. C. W. Cheney. 2,133,131; Oct. 11.
Fastening, Rail. T. Maney. 2,132,572; Oct. 11.
Fat, Preparing edible. A. S. Richardson and E. W. Eckey. 2,132,437; Oct. 11.
Faucet unit, Thermostatically controlled. L. N. Hermann. 2,132,689; Oct. 11.
Feeding device. F. M. Slater. 2,132,519; Oct. 11.
Feeding mechanism for shaker conveyers. E. R. Bergmann. 2,132,718; Oct. 11.
Felts, Apparatus for manufacturing woven drier. T. Milnes. 2,133,034; Oct. 11.
Fenders, Apparatus for making rubber. P. P. Crisp and W. E. Haggan. 2,132,819; Oct. 11.
Fermentation process for the manufacture of dextro-lactic acid. G. E. Ward, L. B. Lockwood, and O. E. May. 2,132,712; Oct. 11.
Ferric sulphate and preparing the same, Crystalline. J. F. White. 2,132,449; Oct. 11.
Ferrous articles, Producing phosphate coated. G. C. Romig. 2,132,439; Oct. 11.
Fibrous article, Impregnated. H. W. Baldwin. 2,132,554; Oct. 11.
Fibrous webs, Multiple impregnation of compressible. M. O. Schur. 2,132,863; Oct. 11.
File, Paper. R. J. Aston. 2,133,182; Oct. 11.
Film gulding apparatus, Motion picture. A. W. Munson. 2,133,109; Oct. 11.
Film locking mechanism. C. W. Crumrine. 2,132,680; Oct. 11.
Film, Manufacture of photographic. G. F. Nadeau. 2,133,110; Oct. 11.
Films, Manufacture of rubber. P. H. Watkins. 2,132,501–2; Oct. 11.
Films on aluminum and its alloys, Coloration of artificially produced oxide. F. Hill and J. A. Radley. 2,132,620; Oct. 11.
Films on aluminum and its alloys, Coloring oxide. F. Hill and J. A. Radley. 2,132,619; Oct. 11.
Filter. L. W. Williams and G. A. Arnold. 2,133,004; Oct. 11.
Fine grain translucent screen. R. H. Draeger. 2,132,405; Oct. 11.
Firearm. R. C. Robertson. 2,132,761; Oct. 11.
Fireplace heater. G. B. Gallup. 2,132,563; Oct. 11.
Fish lure. J. L. Martz. 2,133,032; Oct. 11.
Fishing reel. J. S. Norton. 2,132,430; Oct. 11.
Fitting, Ground. S. W. Borden. 2,132,843; Oct. 11.
Fixture, Electric. A. A. Johnson. 2,133,099; Oct. 11.
Flanged joint. A. J. Larrecq. 2,133,146; Oct. 11.
Flash drying control. A. R. Smith. 2,132,656; Oct. 11.
Flatiron support. F. Ellinger. 2,132,611; Oct. 11.
Float with signal lamp. W. S. Goertzen. 2,132,510; Oct. 11.
Floor, Metal reinforced wood. D. A. Wallace and L. E. Mendenhall. 2,133,002; Oct. 11.
Floors, Apparatus for finishing concrete. J. H. Meyer. 2,133,173; Oct. 11.
Flotation process. S. Lenher. 2,132,902; Oct. 11.
Fluid composition. I. M. Colbeth. 2,133,080; Oct. 11.
Fluid control mechanism. C. F. Sibbe. 2,133,118; Oct. 11.
Fluid, Method of and apparatus for controlling pressure. R. Beck and J. Briscoe. 2,133,073; Oct. 11.
Fluid pressure brake. C. D. Stewart. 2,132,978; Oct. 11.
Fluids, Process and apparatus for inspecting. G. P. Stout. 2,132,447; Oct. 11.
Focus device, Follow. A. W. Tondreau. 2,133,063; Oct. 11.
Folder. W. D. Goodwin. 2,133,225; Oct. 11.
Food material and making same. M. C. Reynolds, B. R. Harris, and A. K. Epstein. 2,132,436; Oct. 11.
Food products, Making. S. Levison. 2,132,485; Oct. 11.
Footwear, Manufacture of. A. F. Donovan. 2,133,164; Oct. 11.

Form, Tire building. H. D. Stevens and R. W. Allen. 2,132,834; Oct. 11.
Frame; *See*—
Racket frame.
Frame for elastic fabric having unextensible zones, Knitting. L. Roques. 2,132,971; Oct. 11.
Frequency meter. T. A. Rich. 2,133,150; Oct. 11.
Fruit, Coloration. D. G. Urrey. 2,133,064; Oct. 11.
Fruits and the like, Method of and apparatus for packaging fresh whole. H. Paxton and C. E. O'Donnell. 2,132,516; Oct. 11.
Fuel burner. T. E. Wood. 2,132,551; Oct. 11.
Fuel burning system and switching mechanism therefor. E. M. Miller. 2,132,513; Oct. 11.
Fuels, Manufacturing motor. M. P. Youker. 2,133,070; Oct. 11.
Fumigation. G. L. Hockenyos. 2,132,786; Oct. 11.
Fumigation, Method and device for effecting. G. L. Hockenyos. 2,132,787; Oct. 11.
Fuel, Motor. W. B. D. Penniman. 2,132,968; Oct. 11.
Furnace and measuring the temperature thereof, Regenerative. L. Rumford, II. 2,133,045; Oct. 11.
Fuse device. B. R. Hermann. 2,133,139; Oct. 11.
Garment bagging machine. H. D. Oliver. 2,132,995; Oct. 11.
Garment, Combination. F. Ellinger. 2,132,610; Oct. 11.
Garment hanger. J. F. Fewster. 2,132,895; Oct. 11.
Garment hanger. H. S. Kofalk. 2,133,054; Oct. 11.
Gas-lift pump. G. S. Knox. 2,132,738; Oct. 11.
Gas suitable for the synthesis of hydrocarbons free from carbon monoxide and hydrogen, Production of. H. Koppers. 2,132,533; Oct. 11.
Gauge for paper cutters, Back. J. R. Lehman. 2,133,031; Oct. 11.
Gearing. J. H. Doran. 2,133,135; Oct. 11.
Gearing, Variable speed. F. Perruca. 2,132,801; Oct. 11.
Gelatin, Manufacture of. J. V. S. Glass and B. W. Hirsh. 2,132,822; Oct. 11.
Glass fabric. G. Slayter and J. H. Thomas. 2,133,238; Oct. 11.
Glass wool and method and apparatus for making same. G. Slayter and J. H. Thomas. 2,133,236; Oct. 11.
Glass wool, Method and apparatus for making. G. Slayter. 2,133,235; Oct. 11.
Glasses, Diffusing. H. H. Blau. 2,132,390; Oct. 11.
Governor for injection internal combustion engines, Speed. A. Schweizer. 2,132,445; Oct. 11.
Grain pulling apparatus. F. P. Kiewit. 2,132,987; Oct. 11.
Gravitational instrument. S. B. von Thyssen-Bornemisza. 2,132,865; Oct. 11.
Grille structure for accordions. S. Franklin. 2,133,089; Oct. 11.
Grinding machine. E. S. Mummert. 2,132,640; Oct. 11.
Grinding machine, Cylindrical. A. G. Belden. 2,132,924; Oct. 11.
Grinding machine, Track rail. W. Hobson and H. H. Woodrow. 2,132,470; Oct. 11.
Grinding machines, Attachment for. R. D. Streby. 2,133,232; Oct. 11.
Grooming device. S. J. Dunaway. 2,132,820; Oct. 11.
Guard, Lipstick. C. Greenberger. 2,133,093; Oct. 11.
Guard, Plant. D. E. Jacobs. 2,132,568; Oct. 11.
Guide member for motion picture apparatus of the magazine type. O. Wittel. 2,132,715; Oct. 11.
Hair clip. F. M. Jones. 2,133,145; Oct. 11.
Hair drier. L. A. Carter. 2,133,078; Oct. 11.
Hair waving clamp. B. A. Sterling. 2,132,764; Oct. 11.
Hammer assembly. C. F. and H. D. Schutte. 2,133,212; Oct. 11.
Hammer, Pneumatic. O. Mueller. 2,132,962; Oct. 11.
Hand controlled valve. F. H. Stroup. 2,132,766; Oct. 11.
Handle attaching and shock-absorbing means, Tool. E. M. Holfelner. 2,133,095; Oct. 11.
Handle bar. C. J. Barry. 2,133,010; Oct. 11.
Handle for cooking utensils. W. B. Moore and R. S. Cobb. 2,133,252; Oct. 11.
Handle for reels. E. H. Broden. 2,132,559; Oct. 11.
Hanger; *See*—
Bracket gutter hanger. Garment hanger.
Hanger and operating mechanism, Baggage car door. E. A. Zetmeir. 2,132,817; Oct. 11.
Harness for a child, Safety. J. I. Blackshaw. 2,132,556; Oct. 11.
Heat exchanger, High pressure. C. P. Kerr. 2,133,249; Oct. 11.
Heater; *See*—
Automobile heater. Fireplace heater.
Electric heater.
Heels and the like, Method of and apparatus for making rubber. R. R. Hunt. 2,132,788; Oct. 11.
Hides with the aid of mold tryptases, Producing unhaired. O. Röhm. 2,132,579; Oct. 11.
Hitch, Automatic brake control trailer. A. W. Howard. 2,133,195; Oct. 11.
Hitch, Trailer. E. G. Lantz. 2,133,202; Oct. 11.
Hobbyhorse, Progressive. C. Banks. 2,132,772; Oct. 11.
Holder; *See*—
Die-holder. Shower spray holder.
Holding means for instruments. B. Mishelevich and B. Lazich. 2,132,992; Oct. 11.
Hollow articles, for example, from artificial resins, Apparatus for molding. H. Hönig. 2,133,027; Oct. 11.
Hook; *See*—
Cant-hook.
Horse bit. J. H. Hauser. 2,132,469; Oct. 11.
Hose coupling. R. O. Allen. 2,132,506; Oct. 11.
Hose pull control for liquid dispensing apparatus. J. A. Logan. 2,132,535; Oct. 11.
Hosiery. G. L. Brill. 2,132,844; Oct. 11.
Hydraulic brake. H. D. Geyer. 2,132,730; Oct. 11.
Hydraulic machine. G. C. Whisler. 2,132,504; Oct. 11.
Hydraulic press. H. G. V. Sentance and G. A. V. Russell. 2,132,974; Oct. 11.
Hydrocarbon fluid conversion process. M. P. Youker. 2,132,453; Oct. 11.
Hydrogen peroxide from persalts, Making. H. Schmidt. 2,133,210; Oct. 11.
Identification and recording device. E. W. Davis and A. H. Maynard. 2,132,403; Oct. 11.
Ignition and priming compound. M. Palmieri. 2,132,996; Oct. 11.
Illuminating means for indicating instruments. W. A. Reichel. 2,132,578; Oct. 11.
Indicating device. O. S. Beck. 2,132,923; Oct. 11.
Indicator; *See*—
Electrical indicator. Speed ratio indicator.
Ink pad. C. H. Bright. 2,132,719; Oct. 11.
Inking device for marking machines. C. F. Robbins and C. H. Cheeseman. 2,132,495; Oct. 11.
Inks, Printing. A. A. Harrison and S. H. Oakeshott. 2,132,468; Oct. 11.
Inserter for diaphragm. P. L. Clark. 2,133,079; Oct. 11.
Interference suppression system for radio apparatus. W. M. Myers. 2,132,875; Oct. 11.
Internal combustion engine. J. W. MacClatchie. 2,132,794; Oct. 11.
Internal combustion engine. J. F. Pierce. 2,132,802; Oct. 11.
Ions, Production of. R. J. McRae. 2,132,539; Oct. 11.
Ironer, Pipe coating. D. W. Boylan. 2,132,391; Oct. 11.
Irradiating method and apparatus. B. O'Brien. 2,132,431; Oct. 11.
Jack for lifting automotive vehicles. G. C. MacMurray. 2,132,903; Oct. 11.
Jig. J. G. Attwood. 2,132,380; Oct. 11.
Jig. B. M. Bird and E. F. Muller. 2,132,378; Oct. 11.
Jig. E. F. Muller. 2,132,750; Oct. 11.
Jig. R. D. Nichols. 2,132,754; Oct. 11.
Jig. J. A. Skogsberg. 2,132,583; Oct. 11.
Jig and valve therefor, Air controlled water. B. M. Bird and F. P. Smith. 2,132,377; Oct. 11.
Jigging. B. M. Bird. 2,132,376; Oct. 11.
Joint; *See*—
Flanged joint. Universal driving joint.
Pavement joint. Universal joint.
Pipe joint. Welded joint.
Pivot joint.
Journal box. H. R. Gibbons and R. J. Brittain, Jr. 2,133,024; Oct. 11.
Key for locks. C. W. Cheney. 2,133,187; Oct. 11.
Kiln, Tunnel. F. A. Philo. 2,132,831; Oct. 11.
Kilns, Rotary. H. Vanderwerp. 2,132,709; Oct. 11.
Knitting. C. La Villette. 2,132,512; Oct. 11.
Knitting machine, Flat. A. Rinehart. 2,132,494; Oct. 11.
Knitting machine, Flat. H. W. Roesener. 2,132,496; Oct. 11.
Label pasting and lifting apparatus. P. Arndt. 2,133,239; Oct. 11.
Lace, Filled. J. Brickner. 2,132,603; Oct. 11.
Lacquers containing oxidized cellulose acetate, Cellulose acetate. C. R. Fordyce and M. Salo. 2,132,869; Oct. 11.
Lamp; *See*—
Oscillatory lamp.
Lamp, heater, and fan, Combination. S. S. Conforti. 2,133,188; Oct. 11.
Landing means for aircraft. K. Baumann and A. Ettinger. 2,132,559; Oct. 11.
Latch; *See*—
Door latch. Spring latch.
Lath, Expanded metal. M. G. Vass. 2,133,258; Oct. 11.
Laundry machine. W. K. Voss. 2,133,234; Oct. 11.
Laundry machine. W. K. Voss and N. L. Etten. 2,133,235; Oct. 11.
Lawn tool. E. A. Nellis. 2,133,208; Oct. 11.
Lawn trimming device. E. A. Gast. 2,132,465; Oct. 11.
Leather cemented articles. H. Cooper. 2,132,399; Oct. 11.
Leather, Treatment of. C. H. Campbell. 2,133,224; Oct. 11.
Lighter, Cigarette. L. V. Aronson. 2,132,771; Oct. 11.
Lighting fixture. E. F. Guth. 2,132,784; Oct. 11.
Lighting unit for refrigerators and the like, Door-controlled. G. J. Meuer. 2,132,428; Oct. 11.
Liquid dispensing device. C. W. Smith. 2,132,657; Oct. 11.
Liquid filling machine. J. D. Le Frank. 2,132,424; Oct. 11.

Liquid level control apparatus. N. L. Dalton. 2,133,190; Oct. 11.
Liquid products from distillable carbonaceous materials, Production of valuable. C. Krauch and M. Pier. 2,132,855; Oct. 11.
Liquor, Disposal of ammonia. J. H. Wells and P. J. Wilson, Jr. 2,132,592; Oct. 11.
Liquors, Clarification and purification of industrial acid. A. T. McCord. 2,133,251; Oct. 11.
Litharge, Pellet. L. G. Klinker. 2,132,423; Oct. 11.
Locating member for a film magazine with respect to motion picture apparatus. O. Wittel and L. R. Martin. 2,132,714; Oct. 11.
Lock: *See*—
Nut lock.
Lock construction. C. Courtney. 2,132,606; Oct. 11.
Locking means for differentials. W. W. Lawrence. 2,132,692; Oct. 11.
Locomotive front end construction. H. A. Hoke. 2,132,823; Oct. 11.
Log system for ships. A. P. Davis. 2,133,133; Oct. 11.
Logging well formation. F. G. Beckman. 2,132,717; Oct. 11.
Loom: See—
Narrow ware loom.
Lubricating apparatus. E. W. Davis. 2,133,084; Oct. 11.
Lubricating means for bearings. V. A. Bary. 2,132,890; Oct. 11.
Lubricator: *See*—
Car journal lubricator.
Machine for embossing sheet-metal printing plates. J. Krell. 2,133,201; Oct. 11.
Machine for handling sheet material. O. E. Wolff. 2,133,263; Oct. 11.
Machine for sealing evacuated vessels. M. E. McGowan. 2,132,538; Oct. 11.
Machine for seperating, counting and delivering sheet material. O. E. Wolff. 2,133,259; Oct. 11.
Machine for separating, counting, and delivering sheet material. O. E. Wolff. 2,133,262; Oct. 11.
Machine for separating, counting, and delivering sheet material. O. E. Wolff. 2,133,264; Oct. 11.
Machine for separating, counting, and delivering sheet material. O. E. Wolff. 2,132,451; Oct. 11.
Machine for separating, counting, delivering, wrapping, and addressing sheet material. O. E. Wolff. 2,133,261; Oct. 11.
Machine for sizing, truing, and polishing bars and tubes. W. Siegerist. 2,132,976; Oct. 11.
Machine for stacking sheet material. O. E. Wolff. 2,133,260; Oct. 11.
Machine for stitching shoes. A. G. Mousset. 2,132,797; Oct. 11.
Magnesium or alloys thereof, Production of. D. Gardner. 2,132,408; Oct. 11.
Magnetic material, Separating. R. S. Dean and C. W. Davis. 2,132,404; Oct. 11.
Magneto rotor. H. G. Cox. 2,133,082–3; Oct. 11.
Marking machine. A. H. Avery. 2,132,981; Oct. 11.
Mask, Gas. T. A. O'Leary. 2,132,433; Oct. 11.
Material separator. R. D. Nichols. 2,132,755; Oct. 11.
Materials and electrical treating apparatus, especially for sterilization, Treating. F. S. Smith. 2,132,708; Oct. 11.
Materials, Manufacture of artificial. D. Finlayson and R. Bezant. 2,132,463; Oct. 11.
Meal for feed, Soya. A. A. Horvath. 2,132,621; Oct. 11.
Measuring instrument. T. R. Harrison, E. H. Grauel, and J. E. Kessler. 2,132,617; Oct. 11.
Mechanism for clamping mobile units to rails. H. J. Perazzoli. 2,132,861; Oct. 11.
Metal, Coating. G. C. Romig. 2,132,438; Oct. 11.
Metal container. W. E. Coakley. 2,132,722; Oct. 11.
Metal, Pickling. N. H. Schermer. 2,133,231; Oct. 11.
Metal rolling mill. C. A. Bollinger. 2,133,051; Oct. 11.
Metal, Treating. S. H. Bobrov. 2,132,557; Oct. 11.
Metal with a water insoluble metallic phosphate, Coating ferrous. G. C. Romig. 2,132,883; Oct. 11.
Meter: *See*—
Frequency meter.
Meter seal. F. B. Thomson. 2,132,062; Oct. 11.
Microorganisms, Promoting the growth and activity of. P. Liebesny and H. Wertheim. 2,133,203; Oct. 11.
Mill: *See*—
Metal rolling mill. Tube mill.
Milling and paralleling machine. E. E. Welch. 2,132,503; Oct. 11.
Mineral materials, Apparatus for treating. B. M. Bird and E. F. Muller. 2,132,375; Oct. 11.
Mirror and clock, Combination. N. En Holm. 2,132,476; Oct. 11.
Mirror sign. N. En Holm. 2,132,472; Oct. 11.
Moistureproof composition and preparation thereof. V. Voorhees. 2,132,711; Oct. 11.
Mold. S. T. Campbell. 2,133,019; Oct. 11.
Morphine and codeine, Obtaining. A. Frey and H. M. Wuest. 2,132,945; Oct. 11.
Motion picture screen. A. B. Hurley. 2,133,097; Oct. 11.
Motor: *See*—
Current motor.
Motor compressor unit. E. Silten. 2,133,179; Oct. 11.
Motor lubricating system. I. A. Walters. 2,132,589; Oct. 11.
Motor vehicle. F. C. Best. 2,132,926; Oct. 11.
Motor vehicle. A. M. Wolf. 2,132,450; Oct. 11.
Mount for transparencies. D. A. Young, Jr. 2,132,670; Oct. 11.
Mounting: *See*—
Resilient mounting.
Mounting for streamlined vehicles, Window. E. L. Helwig. 2,132,688; Oct. 11.
Mounting means for enclosed electric devices. J. G. Jackson. 2,132,630; Oct. 11.
Mucinous substances, Preparing. P. A. Kober. 2,132,484; Oct. 11.
Muffler. G. P. List. 2,132,425; Oct. 11.
Narrow ware loom. F. W. Preston. 2,132,758; Oct. 11.
Necktie. W. H. Ve Relle. 2,133,169; Oct. 11.
Net, Laundry. P. Hart and R. W. Hart, Jr. 2,132,734; Oct. 11.
Nitric acid, Production of. M. Voogd. 2,132,663; Oct. 11.
Nitrile-hydrocarbon mixtures, Separating. A. W. Ralston and W. O. Pool. 2,133,007; Oct. 11.
Nonskid device for vehicle wheels. B. P. Gray. 2,132,614; Oct. 11.
Nozzle and valve, Combined. J. E. Mortimore. 2,133,147; Oct. 11.
Nut, Lock. F. T. Elder. 2,132,821; Oct. 11.
Nut lock. J. A. Wilson. 2,132,667; Oct. 11.
Oil distilling apparatus. L. Ilunyadi and I. Koch. 2,132,900; Oct. 11.
Oil filtering means. R. A. Weidenbacker. 2,132,770; Oct. 11.
Oil, Lubricating. M. A. Dietrich. 2,132,847; Oct. 11.
Oils and components thereof, Method of and apparatus for heating hydrocarbon. A. E. Nash and F. E. Shelly. 2,132,964; Oct. 11.
Oils, Apparatus for treating. A. E. Nash. 2,132,965; Oct. 11.
Oils, Cracking. W. K. Holmes. 2,133,096; Oct. 11.
Oils, Treatment of hydrocarbon. H. V. Atwell. 2,133,240; Oct. 11.
Oils, Treatment of hydrocarbon. J. C. Morrell. 2,132,639; Oct. 11.
Opener, Package. G. L. Kyseth. 2,132,741; Oct. 11.
Oscillating lamp. C. S. Monroe. 2,133,106; Oct. 11.
Outside pipe cutter. D. H. Reed. 2,132,645; Oct. 11.
Oven, Coking retort. J. van Ackeren. 2,132,522; Oct. 11.
Oven, Regenerative coke. C. Otto. 2,132,641; Oct. 11.
Overall. C. E. Wittmack. 2,132,668; Oct. 11.
Overband for traction wheels. E. T. Johnson. 2,132,955; Oct. 11.
Overshoe, Rubber. C. F. Berry. 2,132,523; Oct. 11.
Oxidation products of rubber. H. P. Stevens and F. J. W. Popham. 2,132,809; Oct. 11.
Oxygen from air and delivering the oxygen under pressure, Apparatus for separating. A. Messer. 2,133,105; Oct. 11.
Package. G. K. S. Ferguson. 2,133,021; Oct. 11.
Package. J. Stephens. 2,132,448; Oct. 11.
Package for plurality of articles. W. F. Swain. 2,133,122; Oct. 11.
Packing element. C. S. Crickmer and R. A. Lamb. 2,132,723; Oct. 11.
Pad: *See*—
Chemical heating pad. Ink pad.
Pad and board, Ironing. M. C. Nicholson. 2,133,175; Oct. 11.
Pad for permanent hair waving, Chemical heating. F. L. Reynolds and L. Markel. 2,133,115; Oct. 11.
Pan for crankcases, Oil. E. B. Curtiss. 2,132,402; Oct. 11.
Panel, Plywood. R. A. Muller. 2,133,108; Oct. 11.
Paper and making same, Wrapping. S. Bohn. 2,132,931; Oct. 11.
Paper bag. H. A. Wolf. 2,132,669; Oct. 11.
Paper stock, Apparatus for making up batches of. C. W. Morden. 2,132,874; Oct. 11.
Parachute training device. J. H. Strong. 2,132,908; Oct. 11.
Partitioning, Metallic. A. B. Bell. 2,132,601; Oct. 11.
Pattern construction. R. D. Speirs. 2,132,659; Oct. 11.
Pavement joint, Leakage-indicating. W. O. Snelling. 2,133,059; Oct. 11.
Peas, Canning. W. L. Schroder. 2,133,117; Oct. 11.
Pectin, Preparing. A. G. Olsen and R. Stuewer. 2,132,577; Oct. 11.
Pencil and eraser. A. W. Forsyth. 2,132,942; Oct. 11.
Pencil construction, Lead. C. Kosta. 2,132,633; Oct. 11.
Pencil, Mechanical. A. D. Claggett. 2,132,777; Oct. 11.
Pentaerythritol tetranitrate, Purification and granulation of. W. A. P. Challenor. 2,132,458; Oct. 11.
Peroxide, Diaromatic. J. Straub. 2,132,588; Oct. 11.
Petroleum from solid materials, Extraction of. H. Rosenthal. 2,132,441; Oct. 11.
Phonograph, Automatic. J. R. Mitchell. 2,132,993; Oct. 11.
Photographic emulsion. B. H. Carroll. 2,132,866; Oct. 11.
Photographic enlarger. C. A. Verschoor. 2,133,218; Oct. 11.
Photographic printing. J. Eggert and G. Heymer 2,132,893; Oct. 11.
Pick-up mechanism. G. Innes. 2,133,143; Oct. 11.

Pin for hearses, Bier. E. L. Schofield. 2,132,543; Oct. 11.
Pinking device. F. H. Ogden. 2,133,111; Oct. 11.
Pipe assembly. A. J. Maahs. 2,132,636; Oct. 11.
Pipe bowls and the like, Ornamenting. H. W. Peters. 2,133,209; Oct. 11.
Pipe coating apparatus. D. W. Boylan. 2,133,014; Oct. 11.
Pipe coating apparatus. D. W. Boylan and C. F. Morain. 2,133,013; Oct. 11.
Pipe gripping means for rotary apparatus. R. T. Mobley. 2,132,747; Oct. 11.
Pipe joint. B. C. Moise. 2,132,574; Oct. 11.
Pipe line structure. J. W. Wallis. 2,132,769; Oct. 11.
Pipe lining or coating machine. D. W. Boylan, C. F. Morain, and O. R. Bowman. 2,133,015; Oct. 11.
Pipe lining or coating means. C. F. Morain. 2,133,035; Oct. 11.
Piston. C. G. A. Rosén. 2,132,805; Oct. 11.
Piston expander. W. J. Six. 2,132,653; Oct. 11.
Pistons, Control of fluid-operated A. Lichte. 2,132,486; Oct. 11.
Pitchometer. T. P. Fowler. 2,132,407; Oct. 11.
Pivot joint. F. T. Lind and E. M. Webster. 2,132,825; Oct. 11.
Planographic plate and method. F. L. Simons. 2,132,443; Oct. 11.
Plastic masses, Manufacture of colored. F. Straub and H. Mayer. 2,132,810; Oct. 11.
Plastic material and making the same, Cellular. J. L. Rau. 2,132,969; Oct. 11.
Plastic material and manufacturing the same, New. A. Fernbach. 2,132,782; Oct. 11.
Plasticizer and producing same. H. R. Dalton. 2,132,724; Oct. 11.
Pleated packing ring. H. T. Wheeler. 2,132,814; Oct. 11.
Plug: *See*—
Electric connecter plug.
Plug receptacle, Attachment. G. A. Johnson. 2,132,851; Oct. 11.
Polyether amines, Aromatic. H. A. Bruson. 2,132,674; Oct. 11.
Polymerization process. D. E. Strain. 2,133,257; Oct. 11.
Power transmission mechanism. R. W. Hall. 2,132,951; Oct. 11.
Power transmitter. H. J. Le Vesconte. 2,133,228; Oct. 11.
Press: *See*—
Hydraulic press. Printing press.
Press. R. H. Hill. 2,132,618; Oct. 11.
Pressing machine. M. Friedman. 2,132,562; Oct. 11.
Printing and control device. W. T. Collwitzer. 2,132,412; Oct. 11.
Printing machine. W. T. Gollwitzer. 2,132,411; Oct. 11.
Printing machine. W. T. Gollwitzer. 2,132,413–15; Oct. 11.
Printing machine. W. T. Gollwitzer. 2,133,136; Oct. 11.
Printing machine, Selective. W. T. Gollwitzer. 2,132,410; Oct. 11.
Printing press. C. A. Meisel. 2,132,827; Oct. 11.
Printing, Screen process. N. Louft. 2,132,635; Oct. 11.
Projection screen. J. L. Stableford. 2,133,120; Oct. 11.
Projection screen, Translucent. B. M. Bodde. 2,133,076; Oct. 11.
Propeller drive for coaxial oppositely rotating propellers. A. H. King. 2,132,481; Oct. 11.
Protector: *See*—
Thread protector.
Protein material, Preparing a. P. Rauer and P. Torrington, Jr. 2,132,434; Oct. 11.
Pump: *See*—
Diaphragm pump. Gas-lift pump.
Pump. J. M. Shimer. 2,133,048; Oct. 11.
Race track indicator board, Electrically controlled. H. Williams. 2,132,912; Oct. 11.
Racket frame. T. A. Davis. 2,132,780; Oct. 11.
Radiator construction. W. C. Klespe. 2,132,483; Oct. 11.
Radio receiving system for automobiles. P. L. Rittenhouse. 2,133,151; Oct. 11.
Rail and forming the same, Robe. F. A. Best. 2,132,927; Oct. 11.
Range, Combination coal-wood electric. H. T. Burrow. 2,133,184; Oct. 11.
Rayon structure. H. H. Parker. 2,132,492; Oct. 11.
Razor blade. G. Cahill. 2,133,018; Oct. 11.
Razors, Attachment for electric. L. Hamel. 2,132,898; Oct. 11.
Receiving device. F. Blythen and J. Hardwick. 2,133,075; Oct. 11.
Receptacle: *See*—
Plug receptacle.
Recorder, Hoist. H. H. Logan. 2,133,104; Oct. 11.
Recording device. H. E. Hollmann. 2,133,140; Oct. 11.
Records, Reproducing balanced sound. G. Clamann. 2,133,132; Oct. 11.
Reel: *See*—
Clothesline reel. Fishing reel.
Reflecting display. A. Sacksteder. 2,132,649; Oct. 11.
Refrigerating apparatus. O. M. Summers. 2,132,836; Oct. 11.
Refrigerating system. A. H. Boileau and A. L. Voggenthaler. 2,132,932; Oct. 11.
Refrigeration. A. A. Kucher. 2,132,534; Oct. 11.
Refrigerator. C. F. Belshaw. 2,132,602; Oct. 11.
Refrigerator, Mechanical. G. L. Pownall. 2,132,879; Oct. 11.
Refrigerator unit. W. A. Gebhardt and E. J. Radtke. 2,132,985; Oct. 11.
Relay, Interlocking. W. H. Claus. 2,132,528; Oct. 11.
Resilient mounting. C. E. Workman and L. M. Kubaugh. 2,132,840; Oct. 11.
Resins, Synthetic. H. S. Rothrock. 2,132,442; Oct. 11.
Rewinding machine, Portable. O. I. Price. 2,132,698; Oct. 11.
Rim, Expansible and contractible. J. B. Moricle. 2,133,036; Oct. 11.
Ring: *See*—
Crochet ring. Pleated packing ring.
Rivet and burr. F. R. White. 2,133,220; Oct. 11.
Rivet, Self-locking. J. L. Green. 2,132,950; Oct. 11.
Rivets from structures, Apparatus for removing. J. W. Ames. 2,132,593; Oct. 11.
Roadbed, Railway. P. Jarnowski. 2,133,227; Oct. 11.
Rod and combined coupling and torsion joint therefor, Sucker. R. P. Simmons. 2,133,050; Oct. 11.
Rod coiling apparatus. L. N. McDonald. 2,132,573; Oct. 11.
Rod grip, Polished. C. L. Deckard. 2,132,781; Oct. 11.
Roentgen apparatus, Rotary. K. Bischoff, C. Niemann, and H. Wünsch. 2,132,673; Oct. 11.
Roll grinding machine. C. G. Flygare. 2,132,941; Oct. 11.
Roller bit. H. C. Smith and J. T. Phipps. 2,132,498; Oct. 11.
Roller lubrication, Friction transmission. W. T. Murden. 2,132,751; Oct. 11.
Roof structure, Expansion providing. H. A. Faber. 2,133,088; Oct. 11.
Rotary engine. G. A. Wahlmark. 2,132,812–13; Oct. 11.
Rough rounder. E. G. Wolf. 2,132,979; Oct. 11.
Rubber from poinsettia serum, Production of. H. E. Pitman. 2,133,040; Oct. 11.
Rubber, Plasticizing. I. Williams and C. C. Smith. 2,132,505; Oct. 11.
Rubber, Vulcanizing. W. Scrauth. 2,133,116; Oct. 11.
Rudder. H. F. Shaw. 2,132,582; Oct. 11.
Safety control system. H. A. Tomkins and L. A. Ward. 2,132,811; Oct. 11.
Safety device for gas systems. M. A. Tornow. 2,133,124; Oct. 11.
Sand blasting mechanism. A. J. Poncelet. 2,133,149; Oct. 11.
Scale, Drilling fluid tester. P. H. Jones. 2,132,736; Oct. 11.
Scenes on a motion picture film, Transition of. W. V. Draper. 2,133,085; Oct. 11.
Scraper. E. W. Ericsson. 2,133,087; Oct. 11.
Scraper loading apparatus. L. A. Currier. 2,132,401; Oct. 11.
Screen: *See*—
Projection screen. Motion picture screen.
Fine grain translucent Projection screen. screen.
Screen and method of stereoscopic vision, Stereoscopic. R. I. Stearns. 2,133,121; Oct. 11.
Screen for three-dimensional projections. A. M., and A. Martinez. 2,132,904; Oct. 11.
Seal, Axle bearing. W. C. Sanders. 2,133,230; Oct. 11.
Sealing compound, Mortician's. F. E. Williams. 2,132,665; Oct. 11.
Seat: *See*—
Chair seat.
Seat and lid, Toilet. C. E. Wexelberg. 2,132,550; Oct. 11.
Seat construction, Automobile. J. Galamb and C. F. Kramer. 2,132,729; Oct. 11.
Selectivity control. J. E. Beggs. 2,133,128; Oct. 11.
Self-locking coupling. V. Leibo. 2,132,988; Oct. 11.
Separator: *See*—
Material separator.
Server, Hot cake. K. E. Bemis. 2,132,374; Oct. 11.
Sewage grit, Method and apparatus for cleaning. R. D. Nichols. 2,132,756; Oct. 11.
Sewage sludge digestion. H. J. Talbot. 2,132,837; Oct. 11.
Sewing machine. B. W. Davidson. 2,132,892; Oct. 11.
Sewing machine. C. F. Rubel. 2,133,229; Oct. 11.
Sewing machine, Blind stitch. R. S. Kelso. 2,132,791; Oct. 11.
Sewing machine cabinet. M. L. Waterman. 2,133,127; Oct. 11.
Sewing machine, Fur. C. Bonis. 2,132,379; Oct. 11.
Shade, Lamp. C. W. Huflage. 2,132,850; Oct. 11.
Shaver mechanism, Dry. J. H. Rand, Jr., and R. E. Benner. 2,132,644; Oct. 11.
Sheave. A. Krueger. 2,132,691; Oct. 11.
Sheet material, Method and apparatus for straightening. F. K. Mäussnest. 2,132,426; Oct. 11.
Sheeting machine. S. Debus. 2,132,937; Oct. 11.
Shelf and shelf supporting means, Combination adjustable. W. J. Marchant. 2,132,743; Oct. 11.
Shield for welding apparatus, Hand. D. Leone. 2,132,570; Oct. 11.
Shoe construction. J. R. Rigandi. 2,132,882; Oct. 11.
Shoe-sole laying mechanism. J. M. Rohrer. 2,132,440; Oct. 11.
Shortening and baking therewith. A. S. Richardson, H. S. Coith, and V. M. Votaw. 2,132,701; Oct. 11.
Shortening and making same. H. S. Coith, A. S. Richardson, and V. M. Votaw. 2,132,393–4; Oct. 11.

Shortening and making same. H. S. Coith, A. S. Richardson, and V. M. Votaw. 2,132,398; Oct. 11.
Shortening, Making. A. K. Epstein and B. R. Harris. 2,132,406; Oct. 11.
Shortening material and cake made therefrom. B. R. Harris. 2,132,416; Oct. 11.
Shortening material and cake made therefrom. B. R. Harris. 2,132,687; Oct. 11.
Shoveling device, Mechancial. C. E. Stoltz. 2,132,660; Oct. 11.
Shovels and the like, Manufacture of. W. A. Ready. 2,132,541; Oct. 11.
Shower spray holder, Slip-on. A. Fehrenbach. 2,133,020; Oct. 11.
Shuttle for looms, Automatic. H. A. Davis. 2,132,461; Oct. 11.
Sight for firearms. H. F. Mossberg. 2,132,489-90; Oct. 11.
Sign: *See*—
Display sign. Mirror sign.
Sign. A. F. Hart. 2,132,899; Oct. 11.
Sign and electric circuits therefor, Mirror. N. En Holm. 2,132,473; Oct. 11.
Sign for advertising or the like, Mirror. N. En Holm. 2,132,475; Oct. 11.
Sign for highways. A. D. Ide. 2,132,478; Oct. 11.
Sign with an electric clock, Mirror. N. En Holm. 2,132,474; Oct. 11.
Signal: *See*—
Telephone signal.
Signal controlling and duration varying system and mechanism therefor. H. I. Turner and C. L. Anderson. 2,133,157; Oct. 11.
Signal distortion measuring device. F. A. Cowan. 2,132,678; Oct. 11.
Signal for railways, Highway crossing. H. A. Haines. 2,133,172; Oct. 11.
Signaling device, Pressure actuated. J. E. Brigg and J. N. Gibson. 2,133,129; Oct. 11.
Signaling system, Vehicle. W. Trautner and H. E. Metcalf. 2,133,000; Oct. 11.
Silk, Manufacture of artificial. H. D. Mudford. 2,132,491; Oct. 11.
Silver and mercury, Preparing colloidal compounds of. E. V. Voelker. 2,132,886; Oct. 11.
Skidding plate. W. E. McCraw. 2,132,744; Oct. 11.
Skylight. M. Feldman. 2,132,848; Oct. 11.
Slab for continuous furnaces, Cleaning. J. W. Weisen. 2,132,591; Oct. 11.
Slack adjuster. A. G. Brackenbury. 2,132,934; Oct. 11.
Slicing machine. W. J. Purcker. 2,132,699; Oct. 11.
Slide changing device for a projector. O. Wittel. 2,132,716; Oct. 11.
Slurry drier for cement plants. A. A. Chaney. 2,132,984; Oct. 11.
Smoking appliance. R. G. Thomas. 2,132,909; Oct. 11.
Snow removal, Apparatus for. A. M. Jeswine. 2,132,790; Oct. 11.
Soap covered with a soft sheath. C. I. Meyer. 2,132,746; Oct. 11.
Soaps, Preparation of metallic. W. W. Plechner. 2,132,997; Oct. 11.
Socket, Lamp. G. A. Johnson. 2,132,852; Oct. 11.
Socket, Lamp. F. H. Weston. 2,133,159; Oct. 11.
Sodium naphthenates from petroleum hydrocarbons, Recovering. W. B. Hendrey. 2,133,094; Oct. 11.
Sorting machine, Rotary. L. H. Strayer. 2,133,061; Oct. 11.
Sound absorbing unit. R. V. Parsons. 2,132,642; Oct. 11.
Speed ratio indicator. O. G. Wellton. 2,132,911; Oct. 11.
Speed governing apparatus for injection internal combustion engines. A. Schweizer. 2,132,446; Oct. 11.
Spindle oiling device. K. W. Meklenburg. 2,132,745; Oct. 11.
Spinner-cowling. G. F. Myers. 2,133,253; Oct. 11.
Spinning solution. R. S. Bley. 2,132,929; Oct. 11.
Spoon, Trolling. A. Reekers. 2,132,760; Oct. 11.
Spray, Vegetable cooling. J. V. C. T. Christensen, Jr. 2,132,720; Oct. 11.
Spring latch. L. Ruegg. 2,132,806; Oct. 11.
Stand: *See*—
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Steam boiler. I. Goldberg. 2,132,732; Oct. 11.
Steam superheater. L. C. Southcott. 2,132,658; Oct. 11.
Steel wool package. E. R. Martin. 2,132,958; Oct. 11.
Steering means, Automatic. B. Chance. 2,132,676-7; Oct. 11.
Step and extension ladder, Combination. W. M. Webster. 2,133,003; Oct. 11.
Stereoscope, Collapsible. J. J. Zwald. 2,133,222; Oct. 11.
Stock feeding and handling apparatus for rolling mills. J. R. George. 2,133,090; Oct. 11.
Stoker construction. T. R. Woolley and F. Hammis. 2,132,980; Oct. 11.
Stoker grate block. H. E. Preston. 2,133,114; Oct. 11.
Stoker, Locomotive. A. R. Chalker. 2,132,392; Oct. 11.
Stoker timing and actuating mechanism. J. F. Turner and C. P. Breidenbaugh. 2,133,156; Oct. 11.
Stone setting device for jewelry or other applications. V. Maynier. 2,132,905; Oct. 11.
Stool, Folding. A. J. Sheldon. 2,133,047; Oct. 11.
Stop, Phonograph. E. C. Guedon. 2,132,615; Oct. 11.
Stopper, Vented. L. J. Barton. 2,132,598; Oct. 11.
Stove. B. B. Kahn. 2,132,737; Oct. 11.
Strainer, Air. C. C. Farmer. 2,132,940; Oct. 11.
Strand material, Orienting. J. L. Blackshaw. 2,132,457; Oct. 11.
Stroboscope. F. Hamacher. 2,133,138; Oct. 11.
Submarine deposits, Recovering. H. A. Payton. 2,132,800; Oct. 11.
Substances which contain liquids, Method of and apparatus for drying. J. G. W. Gentele. 2,132,897; Oct. 11.
Support: *See*—
Display support. Adjustable back support.
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Surfacing machine. J. C. Temple. 2,132,661; Oct. 11.
Switch. P. S. Bear. 2,132,921-2; Oct. 11.
Switch. P. S. Bear and H. E. Bucklen. 2,132,920; Oct. 11.
Switch for automatic couplers, Control. R. R. Stevens. 2,132,977; Oct. 11.
Switching device. W. O. Hampton. 2,132,686; Oct. 11.
Swivel connecter. W. A. H. Wells. 2,132,887; Oct. 11.
Swivel, Sucker rod. E. Hollyfield. 2,132,477; Oct. 11.
Syringe, Hypodermic. A. E. Smith. 2,132,763; Oct. 11.
Table. E. Oppenheimer. 2,132,515; Oct. 11.
Table for grinding mills, Feed. C. F. Schutte. 2,133,211; Oct. 11.
Table reciprocating mechanism, Grinding machine. H. S. Indge. 2,132,953; Oct. 11.
Tap, Mold resisting remoistening. F. W. Humphner. 2,133,028; Oct. 11.
Telegraph automatic exchange system, Printing. L. A. Gardner. 2,132,684; Oct. 11.
Telegraph transmitter. A. Lahl. 2,133,056; Oct. 11.
Telephone signal. C. E. J. Modjeski. 2,132,488; Oct. 11.
Telephone system. M. Hebel. 2,133,055; Oct. 11.
Telephone system. A. G. Lang and T. H. Neely. 2,132,857; Oct. 11.
Television apparatus. K. Tihanyi. 2,133,123; Oct. 11.
Testing means for fire protection systems. S. E. Allen. 2,132,918; Oct. 11.
Textile material. G. Slayter. 2,133,237; Oct. 11.
Thread protector. J. M. Shimer. 2,133,049; Oct. 11.
Thread-tensioning device for circular loom shuttles. W. A. Dickie and F. C. Hale. 2,132,462; Oct. 11.
Threshold. W. C. Hoffman. 2,132,471; Oct. 11.
Tie-plate construction. T. Maney. 2,132,571; Oct. 11.
Tile construction, Wall. R. J. Bergez. 2,132,982; Oct. 11.
Tilting device for drum melting furnaces. K. Gottschalk. 2,132,948; Oct. 11.
Tilting mechanism. C. S. Johnson. 2,133,170; Oct. 11.
Timer, Variable. E. R. Freeberg. 2,133,247; Oct. 11.
Tire tread remover. W. G. Fritts. 2,132,896; Oct. 11.
Toaster, Automatic. M. Ireland. 2,132,622; Oct. 11.
Toaster, Automatic. R. Sardeson. 2,132,650; Oct. 11.
Toilet accessory dispensing device. T. Huston. 2,132,735; Oct. 11.
Tool: *See*—
Crankshaft dressing tool. Lawn tool.
Electrician's tool.
Tool for reloading fired or empty cartridge cases. R. L. Jayne. 2,133,198; Oct. 11.
Torque transmitting means for electrical controls, Adjustable friction. E. R. Stoekle. 2,132,765; Oct. 11.
Totalizator. H. G. Watson and H. C. Mitchell. 2,132,910; Oct. 11.
Towers, Construction of water cooling. R. B. Elmer. 2,132,939; Oct. 11.
Toy. E. Horn. 2,133,194; Oct. 11.
Toy, Blow switch operated. H. Müller, K. Vogl, and A. Wich. 2,133,038; Oct. 11.
Toy building block. N. I. Paulson. 2,132,757; Oct. 11.
Toy construction kit. M. J. Robins. 2,132,647; Oct. 11.
Toy vehicle. W. Majewski. 2,132,487; Oct. 11.
Traffic observing and recording apparatus. A. T. Sigo. 2,132,808; Oct. 11.
Trailer, Dirigible. C. Runyan. 2,132,580; Oct. 11.
Trailer, Vehicle. J. J. Gedeon. 2,132,409; Oct. 11.
Train control equipment, High speed. J. C. McCune. 2,132,959; Oct. 11.
Transfer apparatus for printing presses. P. H. Schulz. 2,132,998; Oct. 11.
Transmission. H. Ford, H. W. Simpson, and A. O. Roberts. 2,132,728; Oct. 11.
Transmission, Infinitely variable. J. Ehrlich. 2,132,726; Oct. 11.
Trap. G. M. Call. 2,132,983; Oct. 11.
Tray, Ice cube freezing. B. N. Waldenmeyer. 2,133,219; Oct. 11.
Tremolo device for accordions. J. M. Bolster. 2,133,012; Oct. 11.
Trinitrotoluene, Purification of. J. B. Castner and M. C. Knake. 2,132,845; Oct. 11.
Truck. R. Farles. 2,132,612; Oct. 11.
Truck. A. Walton, Jr. 2,133,126; Oct. 11.
Truck, Railway. D. S. Barrows. 2,132,381-7; Oct. 11.
Tube: *See*—
X-ray tube.
Tube coupling. F. Kugel. 2,133,029; Oct. 11.
Tube flaring device. G. R. Gagne. 2,132,947; Oct. 11.
Tube mill. A. E. Aiger. 2,132,552; Oct. 11.
Tubes, Making. H. C. Hackett. 2,133,137; Oct. 11.
Tubes of metallic structures, Device for uniting. F. Innocenti. 2,133,197; Oct. 11.
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Tubular article, Making a. J. W. Baxter. 2,132,555; Oct. 11.
Tubular article, Making a. T. A. Graham. 2,132,565; Oct. 11.
Tucking device for wrapping machines. E. L. Smith. 2,132,546; Oct. 11.
Tuning head for stringed instruments. J. E. Kluson. 2,132,792; Oct. 11.
Turbine. S. S. Cook. 2,132,509; Oct. 11.
Umbrella. F. Rosenberg, W. S. Evans, and J. Lutz. 2,132,648; Oct. 11.
Universal driving joint. J. A. Parent. 2,133,176; Oct. 11.
Universal joint. H. Wollner. 2,132,816; Oct. 11.
Unloader. M. Kindt. 2,132,824; Oct. 11.
Upholstery, Method and apparatus for the manufacture of. A. S. Mitchell. 2,132,429; Oct. 11.
Utensil cover, Water replenishing. F. Ellinger. 2,132,609; Oct. 11.
Vacuum cleaner. O. Holm-Hansen. 2,133,141; Oct. 11.
Vacuum steam valve. I. Goldberg. 2,132,731; Oct. 11.
Valve: *See*—
Brake valve. Vacuum steam valve.
Hand controlled valve.
Valve. C. H. Kenneweg. 2,133,200; Oct. 11.
Valve device, Emergency. B. S. Aikman. 2,132,915; Oct. 11.
Valve for bathtubs, Electrically operated. J. Minich. 2,133,174; Oct. 11.
Valve protective system, Electric. S. Widmer and M. Hürlimann. 2,132,839; Oct. 11.
Valve resetting device. C. H. Morrow. 2,132,749; Oct. 11.
Vanity box. G. S. McDonald. 2,132,989; Oct. 11.
Variable resistance device. M. J. Arvin. 2,132,594; Oct. 11.
Vehicle: *See*—
Motor vehicle. Toy vehicle.
Vehicle construction, Motor. C. D. Smith. 2,132,545; Oct. 11.
Vehicle wheel. H. J. Horn. 2,133,142; Oct. 11.
Vending machine. M. H. Richardson and A. E. Gebert. 2,132,804; Oct. 11.
Ventilating means for vehicles. C. Kannel. 2,132,421; Oct. 11.
Ventilating means, Vehicle. C. Kannel. 2,132,422; Oct. 11.
Viscose spinning solution. R. S. Bley. 2,132,930; Oct. 11.
Vise, Glass jar. J. E. Neifert. 2,132,697; Oct. 11.
Volume device, Displacement. E. E. Hewitt. 2,132,952; Oct. 11.
Wall, Furnace. D. S. Jacobus. 2,132,419; Oct. 11.
Washer for faucets. M. Esnard. 2,132,894; Oct. 11.
Washing machine. C. R. Dale. 2,132,891; Oct. 11.
Water-resistant fabric. G. V. Caesar. 2,132,527; Oct. 11.
Weather strip for hinged doors. S. Lydiard and E. W. Kress. 2,132,742; Oct. 11.
Web reeling-off machine. J. Inglis. 2,132,789; Oct. 11.
Welded joint. B. C. Moise. 2,132,575; Oct. 11.
Welding. S. E. Paine. 2,133,058; Oct. 11.
Welding method and apparatus. P. E. Shaver. 2,132,975; Oct. 11.
Welding with superimposed high frequency. I. Schigyo. 2,133,152; Oct. 11.
Well-logging, Single cable electrical. W. M. Rust, Jr., and W. D. Mounce. 2,132,807; Oct. 11.
Wheel: *See*—
Buffing or polishing wheel. Vehicle wheel.
Wheel and the like for aircraft, Tail. G. H. Dowty. 2,132,682; Oct. 11.
Wheel feeding mechanism. W. H. Wood. 2,133,006; Oct. 11.
Wheel supporting means. K. Rabe. 2,132,759; Oct. 11.
Wheels, Manufacturing. S. N. Johnson. 2,133,144; Oct. 11.
Window, House. J. L. Mohun. 2,132,748; Oct. 11.
Windrowing machine. S. A. Thornton. 2,133,217; Oct. 11.
X-ray apparatus. H. J. Brown. 2,132,774; Oct. 11.
X-ray tube. W. H. McCurdy. 2,132,537; Oct. 11.
Yarn and cord stretching apparatus. H. O. Nelson. 2,132,753; Oct. 11.
Yarn, Combined asbestos and glass fiber. D. C. Simpson. 2,132,702; Oct. 11.
Yarn from continuous rayon and staple fiber, Making. L. W. Booth. 2,132,524; Oct. 11.
Zeroizing device for dispensing pumps, Automatic. W. L. Marden. 2,132,637; Oct. 11.
Zinc in vertical reducing chambers and apparatus therefor, Continuously producing. H. Matthies. 2,132,858; Oct. 11.

CLASSIFICATION OF PATENTS

ISSUED OCTOBER 11, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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U. S. GOVERNMENT PRINTING OFFICE: 1938

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Abbott, Ernest J., doing business as Physicists Research Company (not inc.), Ann Arbor, Mich. Instruments for measuring surface roughness. Serial No. 409,904; Oct. 18. Class 26.

Ace Paint Products Co., Chicago, Ill. Ready mixed paints and varnishes. Serial No. 394,689; Oct. 18. Class 16.

Albert Lea Bottling Works, Albert Lea, Minn. Beverages, and syrups, extracts, and flavors used in making the same. Serial No. 409,498; Oct. 18. Class 45.

Allen-Wales Adding Machine Corporation, Jersey City, N. J., and New York, N. Y. Adding and calculating machines. Serial No. 403,029; Oct. 18. Class 26.

American Fork & Hoe Company, The, Cleveland, Ohio. Axes. Serial No. 408,490; Oct. 18. Class 23.

American Merchandise Co., Inc., New York, N. Y. Razor blades. Serial No. 409,905; Oct. 18. Class 23.

American Mills Company, The, West Haven, Conn. Narrow elastic webbing. Serial Nos. 407,842–3; Oct. 18. Class 40.

American Pop Corn Company, Sioux City, Iowa. Electric pop corn poppers. Serial No. 401,975; Oct. 18. Class 21.

Auto-Chlor System, Inc., Memphis, Tenn. Chlorinating units for use with water systems. Serial No. 407,413; Oct. 18. Class 13.

Baltimore Asphalt Block & Tile Co., Baltimore, Md. Bituminous paving mixture. Serial No. 409,228; Oct. 18. Class 12.

Barber, F. S., Machinery Company, Ltd., The, Toronto, Ontario, Canada. Manifold attachments for typewriters. Serial No. 392,074; Oct. 18. Class 23.

Barcelo, Marques & Company, Arecibo, doing business as Distilleria Tropical, Arecibo and Camuy, P. R. Rum. Serial No. 409,833; Oct. 18. Class 49.

Barker Bros. Corporation, Los Angeles, Calif. Radio receiving sets. Serial No. 408,912; Oct. 18. Class 21.

Barker Bros. Corporation, Los Angeles, Calif. Furniture. Serial No. 409,340; Oct. 18. Class 32.

Bentley Motors (1931) Limited, London, England. Engines and parts thereof. Serial No. 388,703; Oct. 18. Class 23.

Bergen, Edgar J., Hollywood, Calif. Dolls. Serial No. 409,989; Oct. 18. Class 22.

Billie Knitwear, Inc., New York, N. Y. Sweaters and sweater sport coats. Serial No. 409,256; Oct. 18. Class 39.

Bliss, E. W., Company, New York, N. Y. Metal working presses, metal drawing machines, etc. Serial Nos. 407,051–2; Oct. 18. Class 23.

Bloomfield Manufacturing Company, Chicago, Ill. Counter rack. Serial Nos. 410,354–5; Oct. 18. Class 32.

Blossom Girl Cosmetic Co. (See Hata, Frank S.)

Blystone, F. M., Inc., Elmira, N. Y. Mattresses and box springs. Serial No. 410,247; Oct. 18. Class 32.

Böhme Fettchemie-Gesellschaft mit beschrankter Haftung, Chemnitz, Germany, assignor to E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del. Chemical abrasive compounds, washing preparations, etc. Serial No. 404,110; Oct. 18. Class 4.

Bonner, Ruth B., doing business as Yvonne Millinery, Los Angeles, Calif. Women's hats. Serial No. 399,532; Oct. 18. Class 39.

Bradley, L. R., doing business as The Periseal Company, New York, N. Y. Paint oils and vehicles; paints; etc. Serial No. 408,047; Oct. 18. Class 16.

Bright Biscuit Company, Inc., Kansas City, Kans. Crackers. Serial No. 409,908; Oct. 18. Class 46.

Burpee, W. Atlee, Company, Philadelphia, Pa. Garden seeds. Serial No. 405,983; Oct. 18. Class 1.

Cadet Smoke Stand Company. (See Dick, Talbert M., and Maurice J. Fletcher.)

Calle & Perez, Buenos Aires, Argentina. Articles of cutlery. Serial No. 403,612; Oct. 18. Class 23.

Camden Furniture Company, Camden, Ark. Furniture. Serial No. 405,762; Oct. 18. Class 32.

Cardinal Laboratories, Inc., Chicago, Ill. Polishes, wax, linseed oil, etc. Serial No. 407,357; Oct. 18. Class 16.

Center Music Stores, Inc., New York, N. Y. Phonograph needles. Serial No. 402,115; Oct. 18. Class 36.

Central Knitwear Mills, Inc., New York, N. Y. Ladies' and misses' sweaters and sweater ensemble. Serial No. 408,942; Oct. 18. Class 39.

Chais, Jacob S., doing business as La Brea Photo Laboratories, Los Angeles, Calif. Sensitized photographic paper. Serial No. 402,623; Oct. 18. Class 26.

Consolidated Razor Blade Co., Inc., Jersey City, N. J. Razor blades. Serial No. 403,075; Oct. 18. Class 23.

Continental Radio and Television Corporation, Chicago, Ill. Radio receiving sets and combination radio receiving sets and phonographs. Serial No. 408,875; Oct. 18. Class 21.

Conway Import Co., Inc., Long Island City, N. Y. Salad oil, olive oil, cottonseed oil, etc. Serial No. 402,813; Oct. 18. Class 46.

Crookham Company, Caldwell, Idaho. Corn seed. Serial No. 407,425; Oct. 18. Class 1.

Crown Fastener Corporation, Warren, R. I. Separable slide fasteners. Serial No. 409,262; Oct. 18. Class 13.

Cunningham, Mildred, New York, N. Y. Hats, shoes, sweaters, etc. Serial No. 408,495; Oct. 18. Class 39.

Dalsey, David, doing business as Dalsey Co., Chicago, Ill. Food composition. Serial No. 409,681; Oct. 18. Class 46.

Davison-Paxon Company, Atlanta, Ga. Women's underwear and shoes. Serial No. 408,091; Oct. 18. Class 39.

Daw Drug Co., Inc., Rochester, N. Y. Shampoo, hair tonic, lipstick, etc. Serial No. 409,120; Oct. 18. Class 6.

Dayton Rubber Manufacturing Company, The, Dayton, Ohio. Tires. Serial No. 409,347; Oct. 18. Class 35.

Delaunay Beverage Company, Inc., New York, N. Y. Beverages. Serial No. 409,564; Oct. 18. Class 45.

Dick, A. B., Company, Chicago, Ill. Apparatus for use in making tracings or drawings on paper or stencil sheets. Serial No. 401,991; Oct. 18. Class 26.

Dick, Talbert M., and Maurice J. Fletcher, assignors to Talbert M. Dick, as trustee for Cadet Smoke Stand Company, Des Moines, Iowa. Tobacco ash receptacles. Serial No. 391,904; Oct. 18. Class 8.

Distilleria Tropical. (See Barcelo, Marques & Company.)

Doerman Shoe Mfg. Co., The, Milwaukee, Wis. Shoes. Serial No. 398,349; Oct. 18. Class 39.

Dorr Company, Inc., The, New York, N. Y. Apparatus for the treatment of solids suspended in liquids. Serial No. 409,914; Oct. 18. Class 23.

Du Pont, E. I., de Nemours & Company. (See Böhme Fettchemie-Gesellschaft mit beschrankter Haftung, assignor.)

Eastern Isles Importing Co., Inc., The, New York, N. Y. Pajamas, nightgowns, house coats, etc. Serial No. 407,625; Oct. 18. Class 39.

Eastman Kodak Company, Jersey City, N. J., and Rochester, N. Y. Photographic film. Serial No. 407,626; Oct. 18. Class 26.

Eau de Cologne- & Parfumerie-Fabrik. (See Mulhens, Ferd., Inc.)

Emery Industries, Inc., Cincinnati, Ohio. Detergents. Serial No. 409,463; Oct. 18. Class 4.

Enro Shirt Co., The, Louisville, Ky. Shirts, pajamas, and collars. Serial No. 408,995; Oct. 18. Class 39.

Everett and Barron Company, Providence, R. I. Shoe dressings. Serial No. 409,872; Oct. 18. Class 4.

Fruit of the Loom, Inc., Providence, R. I. Sheets, pillowcases, and cotton piece goods. Serial Nos. 409,394–5; Oct. 18. Class 42.

Gamble Stores, Incorporated, Minneapolis, Minn. Paints. Serial No. 409,611; Oct. 18. Class 16.

Gardner, Herbert, Chicago, Ill. Medicated sponge. Serial No. 409,122; Oct. 18. Class 6.

General Shoe Corporation, Nashville, Tenn. Boots, shoes, and slippers. Serial Nos. 409,162–3; Oct. 18. Class 39.

Giese, Otto E., doing business as August Giese & Son, New York, N. Y. Filters and parts thereof. Serial No. 410,327; Oct. 18. Class 31.

Goldblatt Bros. Inc., doing business as Lord and Lord, Chicago, Ill. Men's suits. Serial No. 403,083; Oct. 18. Class 39.

Goodstein Bros. & Co. Inc., New York, N. Y. Topcoats and overcoats. Serial No. 408,180; Oct. 18. Class 39.

Grand Bag & Paper Co., Inc., New York, N. Y. Toilet tissue paper in rolls. Serial No. 401,143; Oct. 18. Class 37.

Hahn, Wm., & Co., Washington, D. C. Shoes. Serial No. 409,126; Oct. 18. Class 39.

Hall Hardware Company, Minneapolis, Minn. Hoes, rakes, hay forks, etc. Serial No. 409,918; Oct. 18. Class 23.

Happ Brothers Company, Macon, Ga. Trousers for men and boys. Serial No. 409,877; Oct. 18. Class 39.

Hata, Frank S., doing business as Blossom Girl Cosmetic Co., Los Angeles, Calif. Cosmetics. Serial No. 408,883; Oct. 18. Class 6.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Canned fruit juices. Serial No. 405,751; Oct. 18. Class 46.

Helitzer Bros. & Co., Inc., New York, N. Y. Ladies' dresses. Serial No. 409,770; Oct. 18. Class 39.

Henschel, Theodore C., doing business as Henschel Supply Company, New York, N. Y. Polishes, waxes, polishing compounds. Serial No. 407,648; Oct. 18. Class 16.

Huff, Mabel W., doing business as Mabel's Muffin Mix Co., Evansville, Ind. Muffin mix. Serial No. 409,524; Oct. 18. Class 46.

Hygienol Co. Inc., The, New Rochelle, N. Y. Powder puffs. Serial No. 409,921; Oct. 18. Class 29.

International Parts Corp., Chicago, Ill. Mufflers and parts thereof, axle and drive shafts, etc. Serial No. 408,800; Oct. 18. Class 23.

Keene Pharmacal Company, Indianapolis, Ind. Pharmaceutical preparations and liniments. Serial No. 406,926; Oct. 18. Class 6.
Kisco Company, Inc., St. Louis, Mo. Fan and table combination. Serial No. 403,727; Oct. 18. Class 34.
Kistler, Lesh & Company, Incorporated, Boston, Mass. Hides and leather. Serial No. 409,271; Oct. 18. Class 1.
Kraig Products Co., The. (See Kunin, Samuel, & Sons, Inc.)
Kramer, Harold, Valley Stream, N. Y. Jellies, fruit and berry preserves, etc. Serial No. 407,867; Oct. 18. Class 46.
Kunin, Samuel, & Sons, Inc., doing business as The Kraig Products Co., Not Inc., Chicago, Ill. Spreads. Serial No. 409,772; Oct. 18. Class 46.
La Brea Photo Laboratories. (See Chais, Jacob S.)
Lebel, Clarence J., New York, N. Y. Radio receivers; electrical devices. Serial No. 399,360; Oct. 18. Class 21.
Lee Paper Company, Vicksburg, Mich. Bond paper. Serial No. 409,881; Oct. 18. Class 37.
Lee Paper Company, Vicksburg, Mich. Bond paper. Serial No. 409,883; Oct. 18. Class 37.
Li & Fung, doing business as To-Yiu, Canton, China. Firecrackers and fireworks. Serial No. 381,201; Oct. 18. Class 9.
Lord and Lord. (See Goldblatt Bros. Inc.)
Lord, Jack, Hats, Inc., New York, N. Y. Men's hats and hosiery. Serial No. 406,519; Oct. 18. Class 39.
Lorraine Manufacturing Company, Pawtucket, R. I., and New York, N. Y. Skirts, waists, suits, coats, etc. Serial No. 409,322; Oct. 18. Class 39.
Mabel's Muffin Mix Co. (See Huff, Mabel W.)
Mackintosh, John, & Sons, Ltd., Inc., Boston, Mass. Candy. Serial No. 409,323; Oct. 18. Class 46.
Maillard, Henry, Inc., New York, N. Y. Candy, bonbons, chocolates, etc. Serial No. 402,482; Oct. 18. Class 46.
Mannone, Joseph, doing business as Mannone's Italian Food Products, Detroit, Mich. Sauces. Serial No. 403,772; Oct. 18. Class 46.
Manville Jenckes Corporation, Manville, R. I. Piece goods. Serial No. 403,052; Oct. 18. Class 42.
Marghab, Vera W., New York, N. Y. Table cloths, towels, sheetings, etc. Serial No. 409,580; Oct. 18. Class 42.
McGraw Electric Company, Chicago, Ill., and St. Louis, Mo. Fuses and circuit makers and breakers. Serial No. 395,744; Oct. 18. Class 21.
McGraw-Pennell, Inc., Detroit, Mich. Nozzle spouts. Serial No. 409,278; Oct. 18. Class 13.
Medbury & Carroll, Inc., New York, N. Y. Men's hats. Serial No. 408,962; Oct. 18. Class 39.
Mee-Tee-Dee Lites. (See Snovel, Harry H.)
Mendelsohn, Felix, Jr., Chicago, Ill. Game played with cards. Serial No. 409,242; Oct. 18. Class 22.
Midwest Oil Company, Minneapolis, Minn. Insecticide. Serial No. 409,023; Oct. 18. Class 6.
Mulhens, Ferd., Inc., assignor to P. P. Mülhens, doing business as Eau de Cologne- & Parfumerie-Fabrik, Cologne, Germany. Razor blades, safety razor blades, scissors, etc. Serial No. 406,260; Oct. 18. Class 23.
National Distillers Products Corporation, New York, N. Y. Poultry and stock feed. Serial No. 404,617; Oct. 18. Class 46.
National Distillers Products Corporation, New York, N. Y. Whiskey. Serial No. 408,124; Oct. 18. Class 49.
New Orleans Brewing Company, Inc., New Orleans, La. Beer. Serial No. 409,008; Oct. 18. Class 48.
O'Connor & Goldberg, Chicago, Ill. Shoes. Serial No. 408,619; Oct. 18. Class 39.
Osborn, Andrew, doing business as Union Products Company, Detroit, Mich. Medicinal herbs and teas. Serial No. 406,261; Oct. 18. Class 6.
Packard Dresses, Inc., New York, N. Y. Dresses, slips, dress ensembles, etc. Serial No. 409,170; Oct. 18. Class 39.
Payne, Frank E., Lincoln Park, Mich. Artificial roses. Serial No. 408,728; Oct. 18. Class 40.
Penick & Ford, Ltd. Incorporated, New York, N. Y. Preparations used in finishing papers and textiles, and laundry starch. Serial No. 409,056; Oct. 18. Class 6.
Penick & Ford, Ltd. Incorporated, New York, N. Y. Baking emulsion. Serial No. 409,485; Oct. 18. Class 46.
Perlseal Company, The. (See Bradley, L. R.)
Petersen Show Case and Fixture Co., Inc., Los Angeles, Calif. Refrigerating units. Serial No. 407,028; Oct. 18. Class 31.
Phoenix Manufacturing Company, Joliet, Ill. Bushings. Serial No. 409,743; Oct. 18. Class 13.
Physicists Research Company (not inc.) (See Abbott, Ernest J.)
Polar Knitting Co. Inc., New York, N. Y. Sweaters and twin sweater sets and jackets. Serial No. 409,536; Oct. 18. Class 39.
Pretorius, Martin W., Burbank, Calif. Therapeutic preparations. Serial No. 390,967; Oct. 18. Class 6.
Priestley, B., & Co., Inc., New York, N. Y. Men's neckties and suits. Serial No. 391,242; Oct. 18. Class 39.
Reiss Bros., New York, N. Y. Cloth coats for boys and girls. Serial No. 409,939; Oct. 18. Class 39.
Rockford Paint Manufacturing Co., Rockford, Ill. Paint, paint pastes, varnish, etc. Serial No. 408,207; Oct. 18. Class 16.
Roth, Sidney S., New York, N. Y. Lingerie. Serial No. 408,858; Oct. 18. Class 39.
Ruskin, Benjamin F., New York, N. Y. Rubber-backed cloth. Serial No. 408,570; Oct. 18. Class 50.
Rutherford, Charles R., Shelly Bay, Bermuda, and New York, N. Y. Perfume. Serial No. 352,450; Oct. 18. Class 6.
Saccone, Speed & Jenney, Inc., New York, N. Y. Rum. Serial No. 408,356; Oct. 18. Class 49.
Schafran & Finkel, Inc., New York, N. Y. Blankets. Serial No. 405,898; Oct. 18. Class 42.
Schainman Sportwear Co., New York, N. Y. Women's and girls' clothing. Serial No. 406,777; Oct. 18. Class 39.
Scheuer, Samuel, New York, N. Y. Hats and caps, kerchiefs, etc. Serial No. 400,531; Oct. 18. Class 39.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Adhesive bandage and foot plaster. Serial No. 409,709; Oct. 18. Class 44.
Scholler Brothers, Inc., Philadelphia, Pa. Hosiery. Serial No. 409,784; Oct. 18. Class 39.
Shirtcraft Company, Inc., The, doing business as The Shirtcraft Co. Inc., New York, N. Y. Clothing. Serial No. 401,034; Oct. 18. Class 39.
Smith, John E., doing business as J. E. Smith Laboratories, Plainfield, N. J. Electric irons. Serial No. 401,405; Oct. 18. Class 21.
Snovel, Harry H., doing business as Mee-Tee-Dee Lites, Van Wert, Ohio. Food product. Serial No. 409,110; Oct. 18. Class 46.
Standard Oil Company of California, Wilmington, Del., and San Francisco, Calif. Materials for chemically treating metallic surfaces. Serial No. 408,584; Oct. 18. Class 6.
Stetson, John B., Company, Philadelphia, Pa. Hats and caps. Serial No. 408,253; Oct. 18. Class 39.
Structural Clay Products, Inc., doing business as Structural Clay Products Institute, Washington, D. C. Books, pamphlets, lists, etc. Serial No. 409,215; Oct. 18. Class 38.
Swanky-Maid Frocks, Inc., New York, N. Y. Ladies' cotton dresses, smocks, and house coats. Serial No. 409,786; Oct. 18. Class 39.
Syndicate Clothing Company, Cedar Rapids, Iowa. Suits, topcoats and overcoats. Serial Nos. 409,045–6; Oct. 18. Class 39.
Table Rock Laboratories, Inc., Greenville, S. C. Reconstructive tonic. Serial No. 395,657; Oct. 18. Class 6.
Tayloe Paper Company, Memphis, Tenn. School tablets, fillers, composition books, etc. Serial No. 389,045; Oct. 18. Class 37.
Tenacity Manufacturing Company, The, Lockland, Ohio. Loose-leaf books, binders, filing apparatus, and parts thereof. Serial No. 409,713; Oct. 18. Class 37.
Thomas & Walters, Incorporated, Los Angeles, Calif. Medicinal compound or a mixture for treatment of inflammatory skin conditions. Serial No. 407,396; Oct. 18. Class 6.
To-Yiu. (See Li & Fung.)
Train & McIntyre, Limited, Glasgow, Scotland. Scotch whisky. Serial No. 403,837; Oct. 18. Class 49.
Transart Aktiebolag, Goteborg, Sweden. Artistic prints. Serial No. 409,541; Oct. 18. Class 38.
Turrill, V. L., doing business as Dr. V. L. Turrill Clinic, Tulsa, Okla. Preparation for use as a deodorant, astringent, etc. Serial No. 408,933; Oct. 18. Class 6.
Tutbury, Inc., New York, N. Y. Ladies', misses', and women's coats and suits. Serial No. 409,981; Oct. 18. Class 39.
Tuttle, Rosa E., Newark, N. J. Dental casting golds. Serial No. 407,699; Oct. 18. Class 44.
Twin City Shellac Co., Inc., Brooklyn, N. Y. Prepared white shellac and paint and varnish remover. Serial No. 394,065; Oct. 18. Class 16.
Uncle Josh Bait Company, Fort Atkinson, Wis. Fish bait. Serial No. 410,318; Oct. 18. Class 22.
Union Products Company. (See Osborn, Andrew.)
Universal Brassiere & Justrite Corset Co., Inc., New York, N. Y. Corsets, corselets, and brassières. Serial No. 408,554; Oct. 18. Class 39.
Vineyards of America, Inc., Brooklyn, N. Y. Burgundy, muscatel, claret, etc. Serial No. 409,789; Oct. 18. Class 47.
Ward Dry Milk Company, St. Paul, Minn. Powdered acid buttermilk. Serial No. 401,085; Oct. 18. Class 46.
Washington Dental Company, Washington, D. C. Dental restorations. Serial Nos. 409,596–8; Oct. 18. Class 44.
Weisberger, David, New York, N. Y. Machine designed for measuring feet. Serial No. 408,674; Oct. 18. Class 26.
Wickwire Spencer Steel Company, New York, N. Y. Wire mesh conveyor aprons, motor springs, card clothing, etc. Serial No. 408,556; Oct. 18. Class 23.
Winthrop Chemical Company, Inc., New York, N. Y. Vitamin A preparation. Serial No. 409,178; Oct. 18. Class 6.

Winthrop Chemical Company, Inc., New York, N. Y. Compound vitamin B and vitamin C preparation. Serial No. 409,179; Oct. 18. Class 6.
Winthrop Chemical Company, Inc., New York, N. Y. Vitamin C preparation. Serial No. 409,180; Oct. 18. Class 6.
Winthrop Chemical Company, Inc., New York, N. Y. Vitamin D preparation. Serial No. 409,181; Oct. 18. Class 6.
Winthrop Chemical Company, Inc., New York, N. Y. Preparation for the treatment of vitamin deficiency. Serial No. 409,182; Oct. 18. Class 6.
Winthrop Chemical Company, Inc., New York, N. Y. Compound vitamin preparation. Serial No. 409,183; Oct. 18. Class 6.
Woburn Degreasing Company of New Jersey, Harrison, N. J. Fatty acids. Serial No. 396,328; Oct. 18. Class 6.
Young, Hugh E., & Company, Chicago, Ill. Electric control equipment and apparatus. Serial No. 407,348; Oct. 18. Class 21.
Yvonne Millinery. (See Bonner, Ruth B.)
Zink, John S., doing business as John Zink Company, Tulsa, Okla. Gas burners and combination oil and gas burners. Serial No. 409,546; Oct. 18. Class 34.

LIST OF REGISTRANTS OF TRADE-MARKS

Abt, Catherine A., Pittsburgh, Pa. Dolls. 361,376; Oct. 18; Serial No. 393,519; published Feb. 22, 1938. Class 22.
Adirondack Sportswear Inc., Amsterdam, N. Y. Sportswear and wearing apparel. 361,448; Oct. 18; Serial No. 405,757; published July 19, 1938. Class 39.
Albrecht, Fred W., Grocery Company, The, Akron, Ohio. Beverages, and sirups and extracts for making the same. 361,534; Oct. 18; Serial No. 407,746; published Aug. 9, 1938. Class 45.
Amazon Products Co., assignor to Amazon Knitting Company, Muskegon, Mich. Children's waist union-suits and infants' wrappers. 123,773; renewed Dec. 10, 1938.
American Lady Corset Company, Detroit, Mich. Corsets. 123,530; renewed Nov. 19, 1938.
American Maid Company, Inc., Chicago, Ill. Girls', misses', and women's undergarments. 361,428; Oct. 18; Serial No. 404,975; published July 26, 1938. Class 39.
American Radiator Company, New York, N. Y. Electrical relays. 361,399; Oct. 18; Serial No. 401,170; published Aug. 9, 1938. Class 21.
American Rawhide Manufacturing Company, Chicago, Ill. Drum and banjo heads. 361,429; Oct. 18; Serial No. 404,976; published Aug. 9, 1938. Class 36.
American Soap & Washoline Co., Cohoes, N. Y. Washing compounds or mixtures. 124,655; renewed Mar. 11, 1939.
Anaeroid Sales Corporation, Denver, Colo. Milk cans, cream cans, milk containers and lids therefor and the like. 361,526; Oct. 18; Serial No. 407,457; published Aug. 9, 1938. Class 2.
Anaeroid Sales Corporation, Denver, Colo. Milk cans, cream cans, milk containers and lids therefor and the like. Serial No. 407,581; published Aug. 9, 1938. Class 2.
Artcraft Silk Hosiery Mills, Inc., Philadelphia, Pa. Women's hosiery. 361,384; Oct. 18; Serial No. 398,788; published July 26, 1938. Class 39.
Associated Merchandising Corporation, New York, N. Y. Beds, dressers, dressing tables, etc. 361,546; Oct. 18. Class 32.
Atlas Canning Company, Inc., Glendale, N. Y. Canned food for dogs, cats, and carnivorous animals. 361,432; Oct. 18; Serial No. 405,237; published Aug. 9, 1938. Class 46.
Auto Radiator Manufacturing Co., Chicago, Ill. Electric fog lamps. 361,496; Oct. 18; Serial No. 406,704; published Aug. 9, 1938. Class 21.
Barakat Bros. Inc., Union City, N. J. Woolen, worsted, etc., mixtures in the piece. 361,551; Oct. 18. Class 42.
Barber, W. H., Company, Minneapolis, Minn. Lubricating oils and greases. 361,440; Oct. 18; Serial No. 405,476; published July 26, 1938. Class 15.
Barclay, Jas., & Co. Limited, Peoria, Ill. Whiskey. 361,397; Oct. 18; Serial No. 401,044; published Feb. 8, 1938. Class 49.
Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mountings. 361,553–5; Oct. 18. Class 26.
Beard, Eugene N., Washington, D. C. Magazine. 361,469; Oct. 18; Serial No. 406,277; published Aug. 9, 1938. Class 38.
Bee-Ko Company, Incorporated, New York, N. Y. Wood cased pencils. 361,423; Oct. 18; Serial No. 404,244; published Aug. 9, 1938. Class 37.
Bell Company, The. (See Bergren, A. J., Co., Inc., assignor.)
Belle City Malleable Iron Company, Racine, Wis. Iron and iron alloys and castings made therefrom. 361,529; Oct. 18; Serial No. 407,617; published Aug. 2, 1938. Class 14.
Belmont Co., The. (See Curran Corporation, The.)
Belter, J. Robert, New York, N. Y. Shoes. 361,550; Oct. 18. Class 39.
Bentley Motors (1931) Limited, London, England. Internal combustion engines and parts thereof. 361,541; Oct. 18. Class 23.
Bergren, A. J., Co., Inc., doing business as Delmar, assignor to The Bell Company, Inc., Chicago, Ill. Shoe dressing. 361,556; Oct. 18. Class 4.
Blackburn Aircraft Limited, Brough, England. Aircraft engines. 361,422; Oct. 18; Serial No. 404,428; published Aug. 9, 1938. Class 23.
Bleich, Abraham H., doing business as Bleich Dress Mfg. Co., Boston, Mass. Maternity dresses. 361,460; Oct. 18; Serial No. 406,087; published July 26, 1938. Class 39.
Bonis Bros. Fur Machinery Corporation, New York, N. Y. Fur sewing machines. 361,488; Oct. 18; Serial No. 406,630; published Aug. 9, 1938. Class 23.
Boyle Manufacturing Company, Inc., Los Angeles, Calif. Farm and garden tools. 361,427; Oct. 18; Serial No. 404,793; published Aug. 9, 1938. Class 23.
Bradley, Morton C., Jr., Arlington, Mass. Educational toys. 361,548; Oct. 18. Class 22.
Brenkert Light Projection Company, Detroit, Mich. Projection lamps. 361,485; Oct. 18; Serial No. 406,546; published Aug. 9, 1938. Class 26.
Brockner, Henry S., Vancouver, British Columbia, Canada. Charts. 361,383; Oct. 18; Serial No. 398,608; published Aug. 9, 1938. Class 38.
Browning, Russell A., Sr., Rosiclare, Ill. Writing pads combined with blotters. 361,421; Oct. 18; Serial No. 404,072; published Aug. 9, 1938. Class 37.
Burton Brothers & Co., Inc., New York, N. Y. Cotton piece goods. 361,482; Oct. 18; Serial No. 406,494; published Aug. 9, 1938. Class 42.
Cable and Glading, Drexel Hill, Pa. Preparations for diseases of the liver, cough sirups, liniments, etc. 361,396; Oct. 18; Serial No. 400,947; published July 26, 1938. Class 6.
Caldwell-Clements, Inc., New York, N. Y. Publications. 361,371; Oct. 18; Serial No. 388,226; published July 12, 1938. Class 38.
Campbell, Max W., doing business as Lor-el Scientific Essential Laboratories, Maywood, Calif. Mechanic's soap. 361,381; Oct. 18; Serial No. 396,180; published Aug. 9, 1938. Class 4.
Carpenter Paper Company, Omaha, Nebr. Note book fillers and school papers. 361,523; Oct. 18; Serial No. 407,361; published Aug. 9, 1938. Class 37.
Castle, Wilmot, Company, Rochester, N. Y. Sterilizers adapted for laboratory and surgical work. 124,916; renewed Mar. 18, 1939.
Central Hardware Co., St. Louis, Mo. Wall tiles. 361,464; Oct. 18; Serial No. 406,211; published July 26, 1938. Class 12.
Certified Electric & Mfg. Co., Chicago, Ill. Electric fence controllers. 361,379; Oct. 18; Serial No. 394,977; published Aug. 9, 1938. Class 21.
Chicago Electrical News, Inc., Chicago, Ill. Title for a periodical publication. 361,487; Oct. 18; Serial No. 406,579; published Aug. 9, 1938. Class 38.
Chivalry Studios. (See Kline, Edward A., Jr.)
Cohn & Rosenberger, Inc., New York, N. Y. Necklaces and bracelets, finger rings, etc. 361,530; Oct. 18; Serial No. 407,621; published Aug. 9, 1938. Class 28.
Cold Spring Granite Company, Cold Spring, Minn. Stone monuments, markers, tablets, etc. 361,400; Oct. 18; Serial No. 401,338; published Aug. 9, 1938. Class 50.
Coopers, Incorporated, Kenosha, Wis. Men's undergarments. 361,483; Oct. 18; Serial No. 406,502; published July 19, 1938. Class 39.
Country Press, Inc., Greenwich, Conn. Magazines. 361,373; Oct. 18; Serial No. 389,502; published Aug. 9, 1938. Class 38.
Coyle, Joseph, Chicago, Ill. Dolls. 361,367; Oct. 18; Serial No. 370,043; published Dec. 24, 1935. Class 22.
Crompton Company, West Warwick, R. I. Corduroy fabrics. 361,524; Oct. 18; Serial No. 407,367; published Aug. 9, 1938. Class 42.
Crown Fastener Corporation, Warren, R. I. Separable slide fasteners. 361,404; Oct. 18; Serial No. 401,851; published Aug. 9, 1938. Class 13.
Curran Corporation, The, doing business as The Belmont Co., Malden, Mass. Lubricating oil. 361,444; Oct. 18; Serial No. 405,594; published July 26, 1938. Class 15.
Danahy-Faxon Stores, Inc., Buffalo, N. Y. Coupon or certificate paper and other stationery. 361,449; Oct. 18; Serial No. 405,792; published Aug. 9, 1938. Class 37.

Davis, H. B., Co., The, Baltimore, Md. Paints and paint enamels. 361,491; Oct. 18; Serial No. 406,678; published Aug. 9, 1938. Class 16.

Delmar. (See Bergren, A. J., Co., Inc.)

Dietzgen, Eugene, Co., Chicago, Ill. Drafting materials and supplies. 361,407; Oct. 18; Serial No. 402,418; published Aug. 9, 1938. Class 37.

Durham, Donald, Company, Des Moines, Iowa. Wax. 361,461; Oct. 18; Serial No. 406,123; published Aug. 9, 1938. Class 16.

Eastyarn, Inc., Brooklyn, N. Y. Yarns. 361,368; Oct. 18; Serial No. 377,501; published July 26, 1938. Class 43.

Elco Printing & Advertising Co., Philadelphia, Pa. Publication. 361,490; Oct. 18; Serial No. 406,668; published Aug. 9, 1938. Class 38.

Elder and Johnston Company, The, Dayton, Ohio. Women's hosiery. 361,369; Oct. 18; Serial No. 379,691; published July 19, 1938. Class 39.

Empire Electric Brake Corporation, Dover, Del. Electromagnetic apparatus. 361,430; Oct. 18; Serial No. 405,061; published Aug. 9, 1938. Class 21.

Erlanger, Otto, Brewing Co., Philadelphia, Pa. Beer. 361,535–6; Oct. 18; Serial Nos. 407,802–3; published Aug. 9, 1938. Class 48.

Esmond Mills, New York, N. Y. Blankets. 361,424; Oct. 18; Serial No. 404,697; published Aug. 9, 1938. Class 42.

Esquire Features, Inc., Chicago, Ill. Newspaper column. 361,417; Oct. 18; Serial No. 403,761; published Aug. 9, 1938. Class 38.

Fairy Silk Mills, Shillington, Pa., and New York, N. Y. Children's, misses', and ladies' underwear. 361,480; Oct. 18; Serial No. 406,445; published July 19, 1938. Class 39.

Fine Art Pillow & Specialties Corporation, New York, N. Y. High chair pads, mattress covers, mosquito nets, etc. 361,505; Oct. 18; Serial No. 406,862; published Aug. 9, 1938. Class 42.

Fink, A., & Sons Co., Inc., Newark, N. J. Pimiento meat roll. 361,539; Oct. 18. Class 46.

Fitchburg Screen Plate Company, Inc., Fitchburg, Mass. Screen plates for manufacture of paper. 361,451; Oct. 18; Serial No. 405,844; published Aug. 9, 1938. Class 23.

Flintkote Company, The, Boston, Mass., to The Flintkote Company, New York, N. Y. Roofing material. 123,337; renewed Oct. 29, 1938.

Franklin Simon & Co., Inc., New York, N. Y. Women's hosiery. 361,463; Oct. 18; Serial No. 406,196; published July 26, 1938. Class 39.

Freed, Rose, Los Angeles, Calif. Ladies' underwear. 361,518; Oct. 18; Serial No. 407,138; published July 26, 1938. Class 39.

Freeman Corporation, The, New York, N. Y. Critical journal of social and economic affairs. 361,387; Oct. 18; Serial No. 399,296; published Jan. 25, 1938. Class 38.

Friesche Coöperatieve Zuivel-Export-Vereeniging, Leeuwarden, Netherlands. Casein. 361,433; Oct. 18; Serial No. 405,244; published Aug. 9, 1938. Class 1.

Friesche Coöperatieve Zuivel-Export-Vereeniging, Leeuwarden, Netherlands. Butter, cheese, milk powder, etc. 361,434; Oct. 18; Serial No. 405,245; published Aug. 9, 1938. Class 46.

Fruity Freeze Corporation, Chicago, Ill. Chilled and frozen fruit confection. 361,501; Oct. 18; Serial No. 406,804; published Aug. 9, 1938. Class 46.

Fuld & Hatch Knitting Company. (See Hatch, Nathan, assignor.)

Fulton Bag & Cotton Mills, Atlanta, Ga. Ice delivery bags. 361,419; Oct. 18; Serial No. 403,944; published Aug. 9, 1938. Class 2.

Garden Hose Spray Company, Incorporated, The, Cambridge, Mass. Insecticide spray guns attached to garden hose. 361,405; Oct. 18; Serial No. 402,060; published Aug. 9, 1938. Class 23.

General Wire Spring Company. (See Silverman, Abe.)

Gibson, Clair J., Los Angeles, Calif. Elements used in forming a porous pack for the perforated liners in deep wells. 361,385; Oct. 18; Serial No. 399,081; published July 26, 1938. Class 12.

Gilbert, Rose, New York, N. Y. Photographic prints. 361,441; Oct. 18; Serial No. 405,496; published Aug. 9, 1938. Class 38.

Glidden Company, The, Cleveland, Ohio. Soybean flour. 361,390; Oct. 18; Serial No. 400,160; published Aug. 9, 1938. Class 46.

Globe Roofing Products Co. Inc., Chicago, Ill. Asphalt composition roofing and building papers. 361,489; Oct. 18; Serial No. 406,642; published Aug. 2, 1938. Class 12.

Graphic Arts Publishing Co., Chicago, Ill. Periodical. 361,510; Oct. 18; Serial No. 406,971; published Aug. 9, 1938. Class 38.

Greenberg, Louis, & Brother, Inc., New York, N. Y. Girls' coats. 361,377; Oct. 18; Serial No. 393,983; published July 19, 1938. Class 39.

Handschin & Konus Aktiengesellschaft, Liestal, Switzerland. Dresses, underwear, pajamas, hosiery. 361,492; Oct. 18; Serial No. 406,681; published July 26, 1938. Class 39.

Hatch, Nathan, Alabany and Cohoes, assignor, by mesne assignments, to Fuld & Hatch Knitting Company, Cohoes, N. Y. Underwear. 124,244–5; renewed Jan. 28, 1939.

Hayes File Company, Detroit, Mich. Files, rasps, burrs, etc. 361,410; Oct. 18; Serial No. 403,176; published Aug. 9, 1938. Class 23.

Heat-Flow Valve Company, The. (See Taylor, William H.)

Hickey Freeman Company, Rochester, N. Y. Suits, topcoats, and overcoats. 361,456; Oct. 18; Serial No. 405,961; published June 28, 1938. Class 39.

Higley Printing Co., The, Butler, Ind. Religious booklet. 361,452; Oct. 18; Serial No. 405,846; published Aug. 9, 1938. Class 38.

Hind & Harrison Plush Company, The, New York and Clark Mills, N. Y. Plushes in the piece. 361,465–6; Oct. 18; Serial Nos. 406,247–8; published Aug. 9, 1938. Class 42.

Hind & Harrison Plush Company, The, New York and Clark Mills, N. Y. Plushes in the piece. 361,467; Oct. 18; Serial No. 406,250; published Aug. 9, 1938. Class 42.

Hixon Electric Co., South Boston, Mass. Electric cable fittings. 361,542; Oct. 18. Class 21.

Holeproof Hosiery Co., Milwaukee, Wis. Corsets, girdles, gowns, etc. 361,409; Oct. 18; Serial No. 402,975; published July 26, 1938. Class 39.

Holeproof Hosiery Co., Milwaukee, Wis. Underwear for women. 361,437; Oct. 18; Serial No. 405,389; published July 26, 1938. Class 39.

Hood River Distillers, Inc., Hood River, Oreg. Fruit brandies. 361,552; Oct. 18. Class 49.

Horwitz & Duberman, New York, N. Y. Dresses, jackets, and coats. 361,474; Oct. 18; Serial No. 406,337; published July 26, 1938. Class 39.

Hubinger Co., The, Keokuk, Iowa. Table syrup. 361,386; Oct. 18; Serial No. 399,234; published Aug. 9, 1938. Class 46.

Ideal Roller & Manufacturing Company, Chicago, Ill. Resilient rollers. 361,425; Oct. 18; Serial No. 404,714; published Aug. 9, 1938. Class 23.

Illinois Clay Products Company, The, Joliet, Ill. Materials comprising treated clay used in the preparation of fluids used in drilling wells and the like. 361,391; Oct. 18; Serial No. 400,694; published Aug. 9, 1938. Class 1.

Intercontinental Marketing Corporation, New York, N. Y. Cameras, camera parts, exposure meters, etc. 361,420; Oct. 18; Serial No. 404,004; published Aug. 9, 1938. Class 26.

International Nickel Company, Inc., The, New York, N. Y. Nickel shots and blocks, and malleable nickel. 361,531; Oct. 18; Serial No. 407,630; published Aug. 2, 1938. Class 14.

Irvin's, Inc., Battle Creek, Mich. Beverage. 361,557; Oct. 18. Class 45.

Italian Cooperative Grocers, Detroit, Mich. Macaroni, and wheat flour. 361,406; Oct. 18; Serial No. 402,093; published Aug. 9, 1938. Class 46.

Jubilee Manufacturing Company, Omaha, Nebr. Motor vehicle accessories. 361,476; Oct. 18; Serial No. 406,384; published Aug. 9, 1938. Class 21.

Keasbey & Mattison Company, Ambler, Pa. Roofing materials. 361,454; Oct. 18; Serial No. 405,929; published Aug. 9, 1938. Class 12.

Kiwanis International, Chicago, Ill. Paper weights and book ends. 361,398; Oct. 18; Serial No. 401,114; published Aug. 9, 1938. Class 37.

Kleinert, I. B., Rubber Company, New York, N. Y. Men's combination abdominal support and jock strap. 361,544; Oct. 18. Class 44.

Kline, Edward A., Jr., doing business as Chivalry Studios, New York, N. Y. Smokers' articles. 361,502; Oct. 18; Serial No. 406,813; published Aug. 9, 1938. Class 8.

Lamm Brothers, Incorporated, Baltimore, Md. Coats, vests, and trousers, etc. 361,477; Oct. 18; Serial No. 406,424; published July 19, 1938. Class 39.

Lamm Brothers, Incorporated, Baltimore, Md. Coats, vests, and trousers. 361,478; Oct. 18; Serial No. 406,426; published July 19, 1938. Class 39.

Lankenau Co., New York, N. Y. Woolen and worsted piece goods. 361,497; Oct. 18; Serial No. 406,722; published Aug. 9, 1938. Class 42.

Larx Company, Incorporated, Minneapolis, Minn. Concentrated food product. 361,481; Oct. 18; Serial No. 406,455; published Aug. 9, 1938. Class 46.

Layton Pure Food Company, St. Louis, Mo., and East St. Louis, Ill., assignor to Rumford Chemical Works, Rumford, R. I. Baking-powder and baking-soda. 124,735; renewed Mar. 11, 1939.

Lee Rubber & Tire Corporation, Conshohocken, Pa. Tires, tubes, repair kits, etc. 361,543; Oct. 18. Class 35.

Lees, James, and Sons Company, to James Lees & Sons Company, Bridgeport, Pa. Worsted and woolen yarn. 124,390; renewed Feb. 11, 1939.

Levy Bros. & Adler Rochester, Incorporated, Rochester, N. Y. Suits and topcoats. 361,392; Oct. 18; Serial No. 400,774; published July 26, 1938. Class 39.

Levy Bros. & Adler Rochester, Incorporated, Rochester, N. Y. Suits and topcoats. 361,393–4; Oct. 18; Serial Nos. 400,776–7; published July 26, 1938. Class 39.

Lincoln Electric Company, The, Cleveland, Ohio. Metallic welding electrodes. 361,537; Oct. 18; Serial No. 407,952; published Aug. 9, 1938. Class 14.

Loma Dress Co., Inc., New York, N. Y. Dresses and suits. 361,462; Oct. 18; Serial No. 406,139; published July 19, 1938. Class 39.

Lombardi Wine Company, Los Angeles, Calif. Wines. 361,506; Oct. 18; Serial No. 406,868; published Aug. 9, 1938. Class 47.

Lorel Scientific Essential Laboratories. (See Campbell, Max W.)

Lum, Ko Wah, San Francisco, Calif. Cigarettes. 361,519; Oct. 18; Serial No. 407,151; published Aug. 9, 1938. Class 17.

Macklanburg-Duncan Company, Oklahoma City, Okla. Fibrous and metal weatherstrip, metal molding and automatic door bottoms. 361,509; Oct. 18; Serial No. 406,931; published Aug. 2, 1938. Class 12.

Macy, R. H., & Co., Inc., New York, N. Y. Garment bags, shoe bags, laundry bags, etc. 361,520; Oct. 18; Serial No. 407,190; published Aug. 9, 1938. Class 2.

Markowitz, Louis J., New York, N. Y. Shirts, underwear, ties, etc. 361,435; Oct. 18; Serial No. 405,305; published July 26, 1938. Class 39.

May Department Stores Company, The, St. Louis, Mo. Sheets, pillow cases and table linens. 361,514; Oct. 18; Serial No. 407,067; published Aug. 9, 1938. Class 42.

McBee Company, The, Athens, Ohio. Books, booklets, pamphlets. 361,380; Oct. 18; Serial No. 395,761; published Aug. 9, 1938. Class 38.

McClelland Equipment Co. Inc., Detroit, Mich. Balancing weights, gauges, and wheel balancers. 361,375; Oct. 18; Serial No. 391,539; published Aug. 9, 1938. Class 26.

McCormick & Co., assignor to McCormick & Co., Incorporated, Baltimore, Md. Lubricating-oils. 124,743; renewed Mar. 11, 1939.

McCrory Stores Corporation, New York, N. Y. Dry cell and flashlite batteries. 361,389; Oct. 18; Serial No. 399,844; published Aug. 9, 1938. Class 21.

Mechanical Laboratories, Inc., Pittsburgh, Pa. Cigarette holders and filters. 361,457; Oct. 18; Serial No. 406,025; published Aug. 9, 1938. Class 8.

Medical Acoustic Instrument Co. (See Watson, Leland A.)

Menasha Products Company, Menasha, Wis. Printed display signs and advertising matter. 361,438; Oct. 18; Serial No. 405,399; published Aug. 2, 1938. Class 38.

Menasha Products Company, Menasha, Wis. Paper napkins. 361,516; Oct. 18; Serial No. 407,102; published Aug. 9, 1938. Class 37.

Meridian Grain & Elevator Co. (See Wilson, John M.)

Middleton, John, Inc., Philadelphia, Pa. Smoking tobacco. 361,414; Oct. 18; Serial No. 403,603; published Aug. 9, 1938. Class 17.

Modern Talking Picture Service, Inc., New York, N. Y. Motion pictures and motion picture films. 361,418; Oct. 18; Serial No. 403,778; published Aug. 9, 1938. Class 26.

Modes and Fabrics, Inc., New York, N. Y. Printed technical reports and literatures. 361,374; Oct. 18; Serial No. 391,485; published Aug. 2, 1938. Class 38.

Monarch Coal Mining Company, assignor to Sheridan Wyoming Coal Company, Monarch, Wyo. Coal 124,400; renewed Feb. 11, 1939.

Motor Truck Club of Massachusetts, Inc., Boston, Mass. Periodical. 361,378; Oct. 18; Serial No. 394,361; published Aug. 9, 1938. Class 38.

National Cellulose Corporation, New York, N. Y. Paper polishing tissues. 361,479; Oct. 18; Serial No. 406,429; published Aug. 9, 1938. Class 37.

National Coal Association, Wilmington, Del., and Washington, D. C., to National Coal Association, Washington, D. C. Pamphlet. 124,401–2; renewed Feb. 11, 1939.

National Silk Hosiery Mills, Inc., Indianapolis, Ind. Hosiery. 361,484; Oct. 18; Serial No. 406,523; published July 19, 1938. Class 39.

National Twist Drill & Tool Co., Detroit, Mich. Twist drills, twist drill bits, reamers, etc. 361,439; Oct. 18; Serial No. 405,403; published Aug. 9, 1938. Class 23.

Neptune Mfg. Co., Louisville, Ky. Overcoats and topcoats. 361,498; Oct. 18; Serial No. 406,770; published July 26, 1938. Class 39.

New Rexbilt Leather Goods Corp., New York, N. Y. Brief cases, brief case envelopes, portfolios, etc. 361,412; Oct. 18; Serial No. 403,463; published Aug. 9, 1938. Class 3.

Nolde and Horst Company, The, Reading, Pa. Hosiery. 361,521; Oct. 18; Serial No. 407,196; published Aug. 2, 1938. Class 39.

Ober, R. R., Whittier, Calif. Beverages made from fruit. 361,517; Oct. 18; Serial No. 407,108; published Aug. 9, 1938. Class 45.

Oneida Ltd., Sherrill and Oneida, N. Y., and Northampton, Mass. Silver plated hollowware. 361,525; Oct. 18; Serial No. 407,385; published Aug. 9, 1938. Class 28.

Orchard Paper Co., St. Louis, Mo. Paper bags. 361,532–3; Oct. 18; Serial Nos. 407,683–4; published Aug. 9, 1938. Class 2.

Pacific Cut Stone and Granite Company, Alhambra, Calif. Granite. 361,402; Oct. 18; Serial No. 401,786; published Aug. 9, 1938. Class 1.

Pepperell Manufacturing Company, Boston, Mass. Cotton sheeting, sheets, and pillowcases. 361,538; Oct. 18. Class 42.

Pepperell Manufacturing Company, Boston, Mass. Cotton sheets and pillowcases. 361,540; Oct. 18. Class 42.

Perfect Garment Company. (See Sobelman, Morris.)

Phillips, Henry F., Portland, Oreg. Screws. 361,558; Oct. 18. Class 13.

Photo Utilities, Inc., New York, N. Y. Exposure meters. 361,486; Oct. 18; Serial No. 406,564; published Aug. 9, 1938. Class 26.

Pierce, Charles L., Inc., New York, N. Y. Leathers. 361,499; Oct. 18; Serial No. 406,774; published Aug. 9, 1938. Class 1.

Pincus Bros., Inc., Philadelphia, Pa. Suits, coats, vests, etc. 361,468; Oct. 18; Serial No. 406,263; published July 19, 1938. Class 39.

Pinkussohn, J. S., Cigar Company, Charleston and Columbia, S. C., and Savannah, Ga. Smoking tobacco. 361,446; Oct. 18; Serial No. 405,666; published Aug. 9, 1938. Class 17.

Poor's Publishing Company, Wellesley, Mass. Publications. 361,511; Oct. 18; Serial No. 407,030; published Aug. 9, 1938. Class 38.

Popper Gray & Co., Inc., New York, N. Y. Cheese. 361,416; Oct. 18; Serial No. 403,706; published Aug. 9, 1938. Class 46.

Puritan Knitting Mills, Corp., Altoona, Pa. Woolen sweaters. 361,493; Oct. 18; Serial No. 406,693; published Aug. 2, 1938. Class 39.

Pyrene Manufacturing Company, New York, N. Y., to Pyrene Manufacturing Company, Newark, N. J. Portable fire-extinguishers. 124,335; renewed Feb. 4, 1939.

Quality Brands, Inc., San Francisco, Calif. Beer. 361,549; Oct. 18. Class 48.

Real Gardening, Inc., New Canaan, Conn. Magazine devoted to gardening. 361,522; Oct. 18; Serial No. 407,283; published Aug. 9, 1938. Class 38.

Rée, Jan, Frocks, Inc., Cleveland, Ohio. Dresses. 361,458; Oct. 18; Serial No. 406,067; published July 19, 1938. Class 39.

Reinecke, C. J., Lumber Company, Inc., St. Louis, Mo. Lumber. 361,455; Oct. 18; Serial No. 405,936; published Aug. 9, 1938. Class 12.

River Plate Dairy Company, Limited, The, Buenos Aires, Argentina. Butter. 361,370; Oct. 18; Serial No. 382,445; published Oct. 27, 1936. Class 46.

Rodney Milling Company. (See Warrensburg Mills, The, assignor.)

Rosenholz, J., Inc., New York, N. Y. Piece-goods. 361,494; Oct. 18; Serial No. 406,694; published Aug. 9, 1938. Class 42.

Rosenholz, J., Inc., New York, N. Y. Piece-goods. 361,507; Oct. 18; Serial No. 406,883; published Aug. 9, 1938. Class 42.

Rowlett, Fred D., Muncie, Ind. Printed trading certificates. 361,403; Oct. 18; Serial No. 401,805; published Aug. 9, 1938. Class 38.

Rumford Chemical Works. (See Layton Pure Food Company, assignor.)

Sackman Brothers Company, New York, N. Y. Clothing for children. 124,764; renewed Mar. 11, 1939.

Salvo & Berdon Candy Co., Natchez, Miss. Candy. 361,415; Oct. 18; Serial No. 403,663; published Aug. 9, 1938. Class 46.

Schoeneman, J., Inc., Baltimore, Md. Coats, vests, trousers, etc. 361,431; Oct. 18; Serial No. 405,135; published July 19, 1938. Class 39.

Seaboard Steel Company of America, New York, N. Y. Tool steels. 361,527; Oct. 18; Serial No. 407,564; published Aug. 2, 1938. Class 14.

Shakow, Joseph D., Inc., New York, N. Y. Topcoats and overcoats. 361,475; Oct. 18; Serial No. 406,351; published July 19, 1938. Class 39.

Sheesley, B. F., & Son, Harrisburg, Pa. Feeds, mixed feeds and feed ingredients, etc. 361,447; Oct. 18; Serial No. 405,740; published Aug. 9, 1938. Class 46.

Sherer Gillett Co., Chicago, Ill., to Sherer Gillett Co., Marshall, Mich. Display-counters. 124,886; renewed Mar. 18, 1939.

Sheridan-Wyoming Coal Company. (See Monarch Coal Mining Company, assignor.)

Shiman Bros. & Co., Inc., New York, N. Y. Finger rings. 361,500; Oct. 18; Serial No. 406,782; published Aug. 9, 1938. Class 28.

Silverman, Abe, doing business as General Wire Spring Company, Pittsburgh, Pa. Closet and drain augers. 361,503; Oct. 18; Serial No. 406,832; published Aug. 9, 1938. Class 23.

Sir Orlando Recording Co. Inc., Charleston, W. Va. Phonograph records. 361,411; Oct. 18; Serial No. 403,426; published Aug. 9, 1938. Class 36.

Smead Manufacturing Company, The, Hastings, Minn. Filing pockets, expanding wallets, file folders, etc. 361,413; Oct. 18; Serial No. 403,472; published Aug. 9, 1938. Class 37.

Smith, Gordon, Mobile, Ala. Fruit cake. 124,591; renewed Feb. 25, 1938.

Smith, Kenneth, Lenexa, Kans. Golf clubs and parts thereof. 361,545; Oct. 18. Class 22.

Sobelman, Morris, doing business as Perfect Garment Company, Baltimore, Md. Women's, misses', and children's clothing. 361,395; Oct. 18; Serial No. 400,885; published Mar. 1, 1938. Class 39.

Société Chimique des Usines du Rhone Anciennement Gilliard, P. Monnet et Cartier, Paris, France, now by change of name to Societe Des Usines Chimiques Rhone-Poulenc. Derivative of antipyrin. 122,752; renewed Sept. 10, 1938.

Société Chimique des Usines du Rhone Anciennement Gilliard, P. Monnet et Cartier, Paris, France, now by change of name to Societe Des Usines Chimiques Rhone-Poulenc. Perfumery. 122,924; renewed Sept. 24, 1938.

Société Chimique des Usines du Rhone Anciennement Gilliard, P. Monnet et Cartier, Paris, France, now by change of name to Societe Des Usines Chimiques Rhone-Poulenc. Celluloid. 123,286; renewed Oct. 22, 1938.

Société Chimique des Usines du Rhône, Anciennement Gilliard P. Monnet et Cartier, Paris, France, now by change of name to Societe Des Usines Chimiques Rhone-Poulenc. Aminobenzoic-acid alkamin esters and derivatives thereof. 124,420; renewed Feb. 11, 1939.

Societe Des Usines Chimiques Rhone-Poulenc. (See Société Chimique des Usines du Rhone Anciennement Gilliard, P. Monnet et Cartier.)

Socony-Vacuum Oil Company, Incorporated. (See Vacuum Oil Company, assignor.)

Stern, Edward, & Company, Incorporated, Philadelphia, Pa. Booklets. 361,450; Oct. 18; Serial No. 405,827; published Aug. 9, 1938. Class 38.

Stifel, J. L., & Sons, Inc., Wheeling, W. Va. Cotton piece goods. 361,453; Oct. 18; Serial No. 405,860; published Aug. 9, 1938. Class 42.

Strauss, Jules, & Co., Inc., New York, N. Y. Electrical apparatus. 361,445; Oct. 18; Serial No. 405,621; published Aug. 9, 1938. Class 21.

Sullivan, Vincent A., New York, N. Y. Comic strips and cartoons. 361,408; Oct. 18; Serial No. 402,580; published Aug. 9, 1938. Class 38.

Sunset Oil Company, Los Angeles, Calif. Motor fuel oils. 361,442; Oct. 18; Serial No. 405,530; published Aug. 9, 1938. Class 15.

Swift and Company, Chicago, Ill. Process cheese food mixture. 361,512; Oct. 18; Serial No. 407,041; published Aug. 9, 1938. Class 46.

Swift and Company, Chicago, Ill. Eggs. 361,513; Oct. 18; Serial No. 407,042; published Aug. 9, 1938. Class 46.

Taylor, William H., doing business as The Heat-Flow Valve Company, Cleveland, Ohio. Valves for internal combustion engines. 361,504; Oct. 18; Serial No. 406,835; published Aug. 9, 1938. Class 23.

Tex-Ite Products Corporation, Brooklyn, N. Y. Cleaning, cleansing, and detergent preparations. 361,426; Oct. 18; Serial No. 404,785; published Aug. 9, 1938. Class 4.

Tolibia, Jose R., New York, N. Y. Cheese. 361,495; Oct. 18; Serial No. 406,697; published Aug. 9, 1938. Class 46.

Townsend Company, New Brighton, Pa. Ship-rivets. 124,790; renewed Mar. 11, 1939.

Trojan Maid, Incorporated, New York, N. Y. Children's dresses and boys' suits. 361,401; Oct. 18; Serial No. 401,538; published July 26, 1938. Class 39.

United Chemical Company, Inc., Kansas City, Mo. Preparation for cleaning and polishing windows. 361,443; Oct. 18; Serial No. 405,533; published Aug. 9, 1938. Class 4.

United States Rubber Products, Inc., New York, N. Y. Coats and jackets. 361,470; Oct. 18; Serial No. 406,306; published July 19, 1938. Class 39.

Vacuum Oil Company, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Oils for lubricating textiles. 124,168; renewed Jan. 14, 1939.

Vacuum Oil Company, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Oils used for dressing and finishing leather. 124,425; renewed Feb. 11, 1939.

Vacuum Oil Company, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricating-oils. 124,799; renewed Mar. 11, 1939.

Veltex Knitting Company, Inc., Troy, N. Y. Wash cloths and dish cloths. 361,459; Oct. 18; Serial No. 406,076; published Aug. 9, 1938. Class 42.

Vogt, F. G., & Sons, Incorporated, Philadelphia, Pa. Ham and picnic ham. 361,471; Oct. 18; Serial No. 406,313; published Aug. 9, 1938. Class 46.

Walton, Elwood W., doing business as Walton Knitting Mills, Hickory, N. C. Hosiery. 361,472; Oct. 18; Serial No. 406,314; published July 19, 1938. Class 39.

Warrensburg Mills, The, Warrensburg, assignor to Rodney Milling Company, Kansas City, Mo. Wheat-flour. 124,909; renewed Mar. 18, 1939.

Watson, Leland A., doing business as Medical Acoustic Instrument Co., Minneapolis, Minn. Medical acoustic instruments. 361,388; Oct. 18; Serial No. 399,787; published Jan. 25, 1938. Class 44.

Weidlich Sterling Spoon Co., Bridgeport, Conn. Table silverware. 361,508; Oct. 18; Serial No. 406,895; published Aug. 9, 1938. Class 28.

Weidlich Sterling Spoon Co., Bridgeport, Conn. Silverware; gold and silver plated ware. 361,547; Oct. 18. Class 28.

Weiner, Martin, doing business as Martin Weiner Co., New York, N. Y. Textile piece goods. 361,515; Oct. 18; Serial No. 407,076; published Aug. 9, 1938. Class 42.

Westerman, Max E., doing business as Westerman Manufacturing Co., New York, N. Y. Bill folds, wallets. 361,372; Oct. 18; Serial No. 388,966; published Aug. 9, 1938. Class 3.

Wilson, John M., doing business as Meridian Grain & Elevator Co., Meridian, Miss. Horse and mule feed, corn meal, etc. 361,382; Oct. 18; Serial No. 396,704; published Aug. 9, 1938. Class 46.

Wulf Bros., Inc., New York, N. Y. Suits, overcoats, and topcoats. 361,473; Oct. 18; Serial No. 406,318; published July 19, 1938. Class 39.

Youngstown Sheet and Tube Company, The, Youngstown, Ohio. Hot rolled sheets, annealed sheets, and cold rolled sheets, etc. 361,366; Oct. 18; Serial No. 366,750; published Sept. 17, 1935. Class 14.

Zell Brothers Inc., Portland, Oreg. Watches. 361,436; Oct. 18; Serial No. 405,331; published Aug. 9, 1938. Class 27.

LIST OF REGISTRANTS OF LABELS

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Restaurant Coffee. For Coffee. 51,930; Oct. 18.

Bright Biscuit Company, Inc., Kansas City, Kans. Harbor Light. For Soda Crackers. 51,931; Oct. 18.

Cera-Lac Company, The, Los Angeles, Calif. Crunch-Ettes. For a Breakfast Cereal. 51,932; Oct. 18.

Charles Wine & Import Co. (See Goldfus, Charles.)

Chex Company, Inc., The, Dallas, Tex. Tom's Chex. For Toasted and Salted Corn. 51,933; Oct. 18.

Clayton, A. C., Printing Co., St. Louis, Mo. Fine Footwear. For Footwear. 51,934; Oct. 18.

Container Corporation of America, Chicago, Ill. Ice Cream (Application No. 3). For Ice Cream. 51,935; Oct. 18.

Container Corporation of America, Chicago, Ill. Ice Cream (Application No. 4). 51,936; Oct. 18.

Curtiss, M. A., Kalamazoo, Mich. The Nut House. For Nuts. 51,937; Oct. 18.

De Paulis, T., Detroit, Mich. Lonesome Pine Follicle Lotion. For Follicle Lotion. 51,938; Oct. 18.

Famous Foods Inc., Detroit, Mich. Famous Foods, Inc. For Potato Chips. 51,939; Oct. 18.

Fewkes, John, Chicago, Ill. Bravo! For Artificial Synthetic Table Water or Mineral Water. 51,940; Oct. 18.

Fiddler, Earl A., Indianapolis, Ind. Industani Massage Oil and Nerve Tonic Rub. For a Massaging Oil and Nerve Tonic Rub. 51,941; Oct. 18.

Fiddler, Earl A., Indianapolis, Ind. Industani Ring Worm and Psoriasis Ointment. For a Ringworm and Psoriasis Ointment. 51,942; Oct. 18.

Fiddler, Earl A., Indianapolis, Ind. Industani Skin Ointment. For Skin Ointment. 51,943; Oct. 18.

Fort Clark Corporation, Peoria, Ill. Master Bourbon. For Straight Bourbon Whiskey. 51,944; Oct. 18.

Ginger Laboratories, Inc., New York, N. Y. Fresh Crushed, West Indian Lime Juice. For Lime Juice. 51,945; Oct. 18.

Goldfus, Charles, doing business as Charles Wine & Import Co., Minneapolis, Minn. Kings Favourite—Blended Scotch Whisky. For Blended Scotch Whisky. 51,946; Oct. 18.

Goodstein, David M., Inc., New York, N. Y. Candid Camera Photos of 1938. For Candid Camera Photos of 1938 Summer Clothes. 51,947; Oct. 18.

Gypsy Fire Folke Co., Inc., Delmar, N. Y. Gypsy Fire. For a Powder for Producing Colored Flames. 51,948; Oct. 18.

Hawaiian Pineapple Company Ltd., Honolulu, Hawaii, and San Francisco, Calif. Dole Pineapple Stars and Bars. For Pineapple. 51,949; Oct. 18.

Jablonski, Stanley, Cleveland, Ohio. Pulaski. For Vienna Type Beer. 51,950; Oct. 18.

Jackson Brewing Company, New Orleans, La. Jax Special Pale Brew. For Beer. 51,951; Oct. 18.

Jero Products Co., Chicago, Ill. Chateau Jero. For a Carbonated and Non-alcoholic Bar Mixer. 51,952; Oct. 18.

Johnson, S. C., & Son, Inc., Racine, Wis. Johnson's Perfectone Undercoat. For a White Undercoat Used as the Basis for an Enamel Finish. 51,953; Oct. 18.

Levenson, Max, Pittsburgh, Pa. O'Leary's. For Straight Bourbon Whiskey. 51,954; Oct. 18.

McBrady, J. E., and Company, Chicago, Ill. McBrady's Skin Youth Oils Makes Old Skin Look Younger. For Skin Oils. 51,955; Oct. 18.

Meyer, Frank C., Co. Inc., New York, N. Y. N. Hess' Sons. For Footwear. 51,956; Oct. 18.

Moffett, Samuel A., doing business as S. A. Moffett Company, Seattle, Wash. Polar Brand Frosted Fresh Foods. For Frosted Sliced Marshall Strawberries. 51,957; Oct. 18.

Morland Bros. Beverage Co., Chicago, Ill. Mor Cola. For Cola Beverage. 51,958; Oct. 18.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Shurfine (Orange Beverage). For an Orange Beverage. 51,959; Oct. 18.

Northmont Hosiery Corporation, Reading, Pa. Northmont. For Hosiery. 51,960; Oct. 18.

Paddington Corporation, The, New York, N. Y. Birthday Bottle Amontillado Sherry. For Amontillado Sherry. 51,961; Oct. 18.

Peper, Christian, Tobacco Company, St. Louis, Mo. Gordon Buchannan Cigarettes. For Cigarettes. 51,962; Oct. 18.

Peppermint Corporation, New York, N. Y. Blossom Candy Coated Peppermint Chicle. For Chewing Gum. 51,963; Oct. 18.

Peppermint Corporation, New York, N. Y. Blossom Mints. For Mints. 51,964; Oct. 18.

Perkins Products Company, Chicago, Ill. Kool-Aid. For Mixture of Dextrose, Flavor, Fruit Acid, Vitamin D and Coloring for Making Soft Drinks and Frozen Desserts. 51,965; Oct. 18.

Puhl, John, Products Company, Chicago, Ill. Fleecy White. For a Laundry Bleach. 51,966; Oct. 18.

Silzle, E. A., Corporation, Anaheim, Calif. Citra-Gold. For Canned Lemon Juice. 51,967; Oct. 18.

Silzle, E. A., Corporation, Anaheim, Calif. Citra-Gold. For Canned Orange Juice. 51,968; Oct. 18.

Tipton, Frances, Corona, Calif. L'Heure Exquise. For Perfumes and Cosmetics. 51,969; Oct. 18.

Vapoo Products Co. Inc., New York, N. Y. Vapoo—The Upholstery and Rug Shampoo. For Shampoo for Upholstery and Rugs. 51,970; Oct. 18.

Vitale, Samuel L., doing business as Vital Products Company, Detroit, Mich. Zippy. For a Chocolate Flavored Malt and Milk Drink. 51,971; Oct. 18.

Walden, Marie, Philadelphia, Pa. Walden's Super Hair Grower. For a Hair Grower. 51,972; Oct. 18.

Waxon Chemical Co., Kansas City, Mo. Waxon Re-Nu-Er. For Automobile Polish. 51,973; Oct. 18.

Wisconsin Canners Cooperative, Waupun, Wis. Garden Land. For Early Variety Peas. 51,974; Oct. 18.

Worcester Salt Company, New York, N. Y. Madre. For Salt. 51,975; Oct. 18.

Wright & Lawrence Penu Seche Sales, Inc., Chicago, Ill. Original Peau Seche Dry Skin. For Superfatted Soap. 51,976; Oct. 18.

LIST OF REGISTRANTS OF PRINTS

Ajax Brewing Corporation, Indianapolis, Ind. X Marks the Spot. For Beer. 17,072; Oct. 18.

Eskimo Pie Corporation, Bloomfield, N. J. Eskimo Pie. For Frozen Confections. 17,073–4; Oct. 18.

Eskimo Pie Corporation, Bloomfield, N. J. 2 for 5¢ Eskimo Pop-Pie. For Frozen Confections. 17,075; Oct. 18.

Frozen Novelties Sales Corporation, New York, N. Y. Icy-Frost. For Frozen Confections. 17,076–7; Oct. 18.

Frozen Novelties Sales Corporation, New York, N. Y. Fruiti-Frost. For Frozen Confections. 17,078–9; Oct. 18.

Frozen Novelties Sales Corporation, New York, N. Y. Fudgi-Frost. For Frozen Confections. 17,080; Oct. 18.

General Mills, Inc., Minneapolis, Minn. Smash the Breakfast Line with Wheaties! For Cereal Food. 17,081; Oct. 18.

General Mills, Inc., Minneapolis, Minn. This Cake Will Make Them Sit Up and Take Notice! For Flour. 17,082; Oct. 18.

Globe Brewing Company, The, Baltimore, Md. Better—Not Bitter. For Beer. 17,083; Oct. 18.

Keasbey & Mattison Company, Ambler, Pa. Best in Asbestos. For Asbestos Shingles. 17,084; Oct. 18.

Mono Service Co., Newark, N. J. Lucky Star Kup. For Ice Cream. 17,085; Oct. 18.

Parker Pen Company, The, Janesville, Wis. The Heart's Desire of 8 Million Students. For Fountain Pens, Mechanical Pencils and Ink. 17,086; Oct. 18.

Pioneer Rubber Company, The, Willard, Ohio. Stanzoil. For Rubber Gloves for Domestic and Industrial Use. 17,087; Oct. 18.

Standard Manufacturing Co., The, Cambridge City, Ind. The World Sits on Standard Folding Chairs. For Folding Chairs and Park Benches. 17,088; Oct. 18.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Casein. Friesche Coöperative Zuivel-Export-Vereeniging. 361,433; Oct. 18; Serial No. 405,244; published Aug. 9, 1938.

Celluloid. Société Chimique des Usines du Rhone Anciennement Gilliard, P. Monnet et Cartier. 123,286; renewed Oct. 22, 1938.

Coal. Monarch Coal Mining Company. 124,400; renewed Feb. 11, 1939.

Granite. Pacific Cut Stone and Granite Company. 361,402; Oct. 18; Serial No. 401,786; published Aug. 9, 1938.

Leathers. Charles L. Pierce, Inc. 361,499; Oct. 18; Serial No. 406,774; published Aug. 9, 1938.

Materials comprising treated clay used in the preparation of fluids used in drilling wells and the like. Illinois Clay Products Company. 361,391; Oct. 18; Serial No. 400,694; published Aug. 9, 1938.

CLASS 2

Bags, Ice delivery. Fulton Bag & Cotton Mills. 361,419; Oct. 18; Serial No. 403,944; published Aug. 9, 1938.

Bags, Paper. Orchard Paper Co. 361,532–3; Oct. 18; Serial Nos. 407,683–4; published Aug. 9, 1938.

Bags, shoe bags, laundry bags, etc., Garment. R. H. Macy & Co. 361,520; Oct. 18; Serial No. 407,190; published Aug. 9, 1938.

Cans, cream cans, milk containers and lids therefor and the like, Milk. Anaeroid Sales Corporation. 361,526; Oct. 18; Serial No. 407,457; published Aug. 9, 1938.

Cans, cream cans, milk containers and lids therefor and the like, Milk. Anaeroid Sales Corporation. 361,528; Oct. 18; Serial No. 407,581; published Aug. 9, 1938.

CLASS 3

Bill folds, wallets. M. E. Westerman. 361,372; Oct. 18; Serial No. 388,966; published Aug. 9, 1938.

Cases, brief case envelopes, portfolios, etc., Brief. New Rexbilt Leather Goods Corp. 361,412; Oct. 18; Serial No. 403,463; published Aug. 9, 1938.

CLASS 4

Cleaning, cleansing, and detergent preparations. Tex-Ite Products Corporation. 361,426; Oct. 18; Serial No. 404,785; published Aug. 9, 1938.

Dressing, Shoe. A. J. Bergren Co. 361,556; Oct. 18.

Oils used for dressing and finishing leather. Vacuum Oil Company. 124,425; renewed Feb. 11, 1939.

Preparation for cleaning and polishing windows. United Chemical Company. 361,443; Oct. 18; Serial No. 405,533; published Aug. 9, 1938.

Soap, Mechanic's. M. W. Campbell. 361,381; Oct. 18; Serial No. 396,180; published Aug. 9, 1938.

Washing compounds or mixtures. American Soap & Washoline Co. 124,655; renewed Mar. 11, 1939.

CLASS 6

Aminobenzoic-acid alkamin esters and derivatives thereof. Société Chimique des Usines du Rhone, Anciennement Gilliard, P. Monnet et Cartier. 124,420; renewed Feb. 11, 1939.

Antipyrin, Derivative of. Société Chimique des Usines du Rhone Anciennement Gilliard, P. Monnet et Cartier. 122,752; renewed Sept. 10, 1938.

Baking-powder and baking-soda. Layton Pure Food Company. 124,735; renewed Mar. 11, 1939.

Oils for lubricating textiles. Vacuum Oil Company. 124,168; renewed Jan. 14, 1939.

Perfumery. Société Chimique des Usines du Rhone Anciennement Gilliard, P. Monnet et Cartier. 122,924; renewed Sept. 24, 1938.

Preparations for diseases of the liver, cough sirups, liniments, etc. Cable and Glading. 361,396; Oct. 18; Serial No. 400,947; published July 26, 1938.

CLASS 8

Cigarette holders and filters. Mechanical Laboratories, Inc. 361,457; Oct. 18; Serial No. 406,025; published Aug. 9, 1938.

Smokers' articles. E. A. Kline, Jr. 361,502; Oct. 18; Serial No. 406,813; published Aug. 9, 1938.

CLASS 12

Elements used in forming a porous pack for the perforated liners in deep wells. C. J. Gibson. 361,385; Oct. 18; Serial No. 399,081; published July 26, 1938.

Lumber. C. J. Reinecke Lumber Company. 361,455; Oct. 18; Serial No. 405,936; published Aug. 9, 1938.

Roofing and building papers, Asphalt composition. Globe Roofing Products Co. Inc. 361,489; Oct. 18; Serial No. 406,642; published Aug. 2, 1938.

Roofing material. Flintkote Company. 123,337; renewed Oct. 29, 1938.

Roofing materials. Keasbey & Mattison Company. 361,454; Oct. 18; Serial No. 405,929; published Aug. 9, 1938.

Tiles, Wall. Central Hardware Co. 361,464; Oct. 18; Serial No. 406,211; published July 26, 1938.
Weatherstrip, metal molding and automatic door bottoms, Fibrous and metal. Macklanburg-Duncan Company. 361,509; Oct. 18; Serial No. 406,931; published Aug. 2, 1938.

CLASS 13

Fasteners, Separable slide. Crown Fastener Corporation. 361,404; Oct. 18; Serial No. 401,851; published Aug. 9, 1938.
Rivets, Ship. Townsend Company. 124,790; renewed Mar. 11, 1939.
Screws. H. F. Phillips. 361,558; Oct. 18.

CLASS 14

Electrodes, Metallic welding. Lincoln Electric Company. 361,537; Oct. 18; Serial No. 407,952; published Aug. 9, 1938.
Hot rolled, hot rolled, annealed, and cold rolled sheets, etc. Youngstown Sheet and Tube Company. 361,366; Oct. 18; Serial No. 366,750; published Sept. 17, 1935.
Iron and iron alloys and castings made therefrom. Belle City Malleable Iron Company. 361,529; Oct. 18; Serial No. 407,617; published Aug. 2, 1938.
Nickel shots and blocks, and malleable nickel. International Nickel Company. 361,531; Oct. 18; Serial No. 407,630; published Aug. 2, 1938.
Steels, Tool. Seaboard Steel Company of America. 361,527; Oct. 18; Serial No. 407,564; published Aug. 2, 1938.

CLASS 15

Oil, Lubricating. Curran Corporation. 361,444; Oct. 18; Serial No. 405,594; published July 26, 1938.
Oils and greases, Lubricating. W. H. Barber Company. 361,440; Oct. 18; Serial No. 405,476; published July 26, 1938.
Oils, Lubricating. McCormick & Co. 124,743; renewed Mar. 11, 1939.
Oils, Lubricating. Vacuum Oil Company. 124,799; renewed Mar. 11, 1939.
Oils, Motor fuel. Sunset Oil Company. 361,442; Oct. 18; Serial No. 405,530; published Aug. 9, 1938.

CLASS 16

Paints and paint enamels. H. B. Davis Co. 361,491; Oct. 18; Serial No. 406,678; published Aug. 9, 1938.
Wax. Donald Durham Company. 361,461; Oct. 18; Serial No. 406,123; published Aug. 9, 1938.

CLASS 17

Cigarettes. K. W. Lum. 361,519; Oct. 18; Serial No. 407,151; published Aug. 9, 1938.
Tobacco, Smoking. John Middleton, Inc. 361,414; Oct. 18; Serial No. 403,603; published Aug. 9, 1938.
Tobacco, Smoking. J. S. Pinkussohn Cigar Company. 361,446; Oct. 18; Serial No. 405,666; published Aug. 9, 1938.

CLASS 21

Batteries, Dry cell and flashlite. McCrory Stores Corporation. 361,389; Oct. 18; Serial No. 399,844; published Aug. 9, 1938.
Cable fittings, Electric. Hixon Electric Co. 361,542; Oct. 18.
Electric fence controllers. Certified Electric & Mfg. Co. 361,379; Oct. 18; Serial No. 394,977; published Aug. 9, 1938.
Electrical apparatus. Jules Strauss & Co. 361,445; Oct. 18; Serial No. 405,621; published Aug. 9, 1938.
Electrical relays. American Radiator Company. 361,399; Oct. 18; Serial No. 401,170; published Aug. 9, 1938.
Electro-magnetic apparatus. Empire Electric Brake Corporation. 361,420; Oct. 18; Serial No. 405,061; published Aug. 9, 1938.
Lamps, Electric fog. Auto Radiator Manufacturing Co. 361,496; Oct. 18; Serial No. 406,704; published Aug. 9, 1938.
Motor vehicle accessories. Jubilee Manufacturing Company. 361,476; Oct. 18; Serial No. 406,384; published Aug. 9, 1938.

CLASS 22

Dolls. C. A. Abt. 361,376; Oct. 18; Serial No. 393,519; published Feb. 22, 1938.
Dolls. J. Coyle. 361,367; Oct. 18; Serial No. 370,043; published Dec. 24, 1935.
Golf clubs and parts thereof. K. Smith. 361,545; Oct. 18.
Toys, Educational. M. C. Bradley, Jr. 361,548; Oct. 18.

CLASS 23

Augers, Closet and drain. A. Silverman. 361,503; Oct. 18; Serial No. 406,832; published Aug. 9, 1938.
Drills, twist drill bits, reamers, etc., Twist. National Twist Drill & Tool Co. 361,439; Oct. 18; Serial No. 405,403; published Aug. 9, 1938.
Engines, Aircraft. Blackburn Aircraft Limited. 361,422; Oct. 18; Serial No. 404,428; published Aug. 9, 1938.
Engines and parts thereof, Internal combustion. Bentley Motors (1931) Limited. 361,541; Oct. 18.
Files, rasps, burrs, etc. Hayes File Company. 361,410; Oct. 18; Serial No. 403,176; published Aug. 9, 1938.
Fire-extinguishers, Portable. Pyrene Manufacturing Company. 124,335; renewed Feb. 4, 1939.
Guns, Insecticide spray. Garden Hose Spray Company. 361,405; Oct. 18; Serial No. 402,060; published Aug. 9, 1938.
Rollers, Resilient. Ideal Roller & Manufacturing Company. 361,425; Oct. 18; Serial No. 404,714; published Aug. 9, 1938.
Screen plates for manufacture of paper. Fitchburg Screen Plate Company. 361,451; Oct. 18; Serial No. 405,844; published Aug. 9, 1938.
Sewing machines, Fur. Bonis. Bros. Fur Machinery Corporation. 361,488; Oct. 18; Serial No. 406,630; published Aug. 9, 1938.
Tools, Farm and garden. Boyle Manufacturing Company. 361,427; Oct. 18; Serial No. 404,793; published Aug. 9, 1938.
Valves for internal combustion engines. W. H. Taylor. 361,504; Oct. 18; Serial No. 406,835; published Aug. 9, 1938.

CLASS 26

Cameras, camera parts, exposure meters, etc. Intercontinental Marketing Corporation. 361,420; Oct. 18; Serial No. 404,004; published Aug. 9, 1938.
Lamps, Projection. Brenkert Light Projection Company. 361,485; Oct. 18; Serial No. 406,546; published Aug. 9, 1938.
Meters, Exposure. Photo Utilities, Inc. 361,486; Oct. 18; Serial No. 406,564; published Aug. 9, 1938.
Ophthalmic mountings. Bausch & Lomb Optical Company. 361,553–5; Oct. 18.
Pictures and motion picture films, Motion. Modern Talking Picture Service, Inc. 361,418; Oct. 18; Serial No. 403,778; published Aug. 9, 1938.
Weights, gauges, and wheel balances, Balancing. McClelland Equipment Co. Inc. 361,375; Oct. 18; Serial No. 391,539; published Aug. 9, 1938.

CLASS 27

Watches. Zell Brothers Inc. 361,436; Oct. 18; Serial No. 405,331; published Aug. 9, 1938.

CLASS 28

Hollowware, Silver plated. Oneida Ltd. 361,525; Oct. 18; Serial No. 407,385; published Aug. 9, 1938.
Necklaces and bracelets, finger rings, etc. Cohn & Rosenberger, Inc. 361,530; Oct. 18; Serial No. 407,621; published Aug. 9, 1938.
Rings, Finger. Shiman Bros. & Co. 361,500; Oct. 18; Serial No. 406,782; published Aug. 9, 1938.
Silverware; gold and silver plated ware. Weidlich Sterling Spoon Co. 361,547; Oct. 18.
Silver-ware, Table. Weidlich Sterling Spoon Co. 361,508; Oct. 18; Serial No. 406,895; published Aug. 9, 1938.

CLASS 32

Beds, dressers, dressing tables, etc. Associated Merchandising Corporation. 361,546; Oct. 18.
Counters, Display. Sherer Gillett Co. 124,886; renewed Mar. 18, 1939.

CLASS 35

Tires, tubes, repair kits, etc. Lee Rubber & Tire Corporation. 361,543; Oct. 18.

CLASS 36

Drum and banjo heads. American Rawhide Manufacturing Company. 361,429; Oct. 18; Serial No. 404,976; published Aug. 9, 1938.
Records, Phonograph. Sir Orlando Recording Co. Inc. 361,411; Oct. 18; Serial No. 403,426; published Aug. 9, 1938.

CLASS 37

Coupon or certificate paper and other stationery. Danahy-Faxon Stores, Inc. 361,449; Oct. 18; Serial No. 405,792; published Aug. 9, 1938.
Drafting materials and supplies. Eugene Dietzgen Co. 361,407; Oct. 18; Serial No. 402,418; published Aug. 9, 1938.
Filing pockets, expanding wallets, file folders, etc. Smead Manufacturing Company. 361,413; Oct. 18; Serial No. 403,472; published Aug. 9, 1938.
Fillers and school papers, Note book. Carpenter Paper Company. 361,523; Oct. 18; Serial No. 407,361; published Aug. 9, 1938.
Pads combined with blotters, Writing. R. A. Browning, Sr. 361,421; Oct. 18; Serial No. 404,072; published Aug. 9, 1938.
Paper napkins. Menasha Products Company. 361,516; Oct. 18; Serial No. 407,102; published Aug. 9, 1938.
Paper weights and book ends. Kiwanis International. 361,398; Oct. 18; Serial No. 401,114; published Aug. 9, 1938.
Pencils, Wood cased. Bee-Ko Company, Incorporated. 361,423; Oct. 18; Serial No. 404,244; published Aug. 9, 1938.
Tissues, Paper polishing. National Cellulose Corporation. 361,479; Oct. 18; Serial No. 406,429; published Aug. 9, 1938.

CLASS 38

Booklet, Religious. Higley Printing Co. 361,452; Oct. 18; Serial No. 405,846; published Aug. 9, 1938.
Booklets. Edward Stern & Company. 361,450; Oct. 18; Serial No. 405,827; published Aug. 9, 1938.
Books, booklets, pamphlets. McBee Company. 361,380; Oct. 18; Serial No. 395,761; published Aug. 9, 1938.
Certificates, Printed trading. F. D. Rowlett. 361,403; Oct. 18; Serial No. 401,805; published Aug. 9, 1938.
Charts. H. S. Brockner. 361,383; Oct. 18; Serial No. 398,608; published Aug. 9, 1938.
Comic strips and cartoons. V. A. Sullivan. 361,408; Oct. 18; Serial No. 402,580; published Aug. 9, 1938.
Journal of social and economic affairs, Critical. Freeman Corporation. 361,387; Oct. 18; Serial No. 399,296; published Jan. 25, 1938.
Magazine. E. N. Beard. 361,469; Oct. 18; Serial No. 406,277; published Aug. 9, 1938.
Magazine devoted to gardening. Real Gardening, Inc. 361,522; Oct. 18; Serial No. 407,283; published Aug. 9, 1938.
Magazines. Country Press, Inc. 361,373; Oct. 18; Serial No. 389,502; published Aug. 9, 1938.
Newspaper column. Esquire Features, Inc. 361,417; Oct. 18; Serial No. 403,761; published Aug. 9, 1938.
Pamphlet. National Coal Association. 124,401–2; renewed Feb. 11, 1939.
Periodical. Graphic Arts Publishing Co. 361,510; Oct. 18; Serial No. 406,971; published Aug. 9, 1938.
Periodical. Motor Truck Club of Massachusetts, Inc. 361,378; Oct. 18; Serial No. 394,361; published Aug. 9, 1938.
Prints, Photographic. R. Gilbert. 361,441; Oct. 18; Serial No. 405,496; published Aug. 9, 1938.
Publication, Monthly. Elco Printing & Advertising Co. 361,490; Oct. 18; Serial No. 406,668; published Aug. 9, 1938.
Publications. Caldwell-Clements, Inc. 361,371; Oct. 18; Serial No. 388,226; published July 12, 1938.
Publications. Poor's Publishing Company. 361,511; Oct. 18; Serial No. 407,030; published Aug. 9, 1938.
Reports and literature, Printed technical. Modes and Fabrics, Inc. 361,374; Oct. 18; Serial No. 391,485; published Aug. 2, 1938.
Signs and advertising matter, Printed display. Menasha Products Company. 361,438; Oct. 18; Serial No. 405,399; published Aug. 2, 1938.
Title for a periodical publication. Chicago Electrical News, Inc. 361,487; Oct. 18; Serial No. 406,579; published Aug. 9, 1938.

CLASS 39

Clothing. M. Sobelman. 361,395; Oct. 18; Serial No. 400,885; published Mar. 1, 1938.
Clothing for children. Sackman Brothers Company. 124,764; renewed Mar. 11, 1939.
Coats and jackets. United States Rubber Products, Inc. 361,470; Oct. 18; Serial No. 406,306; published July 19, 1938.
Coats, Girls'. Louis Greenberg & Brother, Inc. 361,377; Oct. 18; Serial No. 393,983; published July 19, 1938.
Coats, vests, and trousers, etc. Lamm Brothers, Incorporated. 361,477; Oct. 18; Serial No. 406,424; published July 19, 1938.
Coats, vests, and trousers, etc. Lamm Brothers, Incorporated. 361,478; Oct. 18; Serial No. 406,426; published July 19, 1938.
Coats, vests, trousers, etc. J. Schoeneman, Inc. 361,431; Oct. 18; Serial No. 405,135; published July 19, 1938.
Corsets. American Lady Corset Company. 123,530; renewed Nov. 19, 1938.
Corsets, girdles, gowns, etc. Holeproof Hosiery Co. 361,409; Oct. 18; Serial No. 402,975; published July 26, 1938.
Dresses. Jan Rée Frocks, Inc. 361,458; Oct. 18; Serial No. 406,067; published July 19, 1938.
Dresses and boys' suits, Children's. Trojan Maid, Incorporated. 361,401; Oct. 18; Serial No. 401,538; published July 26, 1938.
Dresses and suits. Loma Dress Co. 361,462; Oct. 18; Serial No. 406,139; published July 19, 1938.
Dresses, jackets, and coats. Horwitz & Duberman. 361,474; Oct. 18; Serial No. 406,337; published July 26, 1938.
Dresses, Maternity. A. H. Bleich. 361,460; Oct. 18; Serial No. 406,087; published July 26, 1938.
Dresses, underwear, pajamas, hosiery. Handschin & Ronus Aktiengesellschaft. 361,492; Oct. 18; Serial No. 406,681; published July 26, 1938.
Hosiery. National Silk Hosiery Mills, Inc. 361,484; Oct. 18; Serial No. 406,523; published July 19, 1938.
Hosiery. Nolde and Horst Company. 361,521; Oct. 18; Serial No. 407,196; published Aug. 2, 1938.
Hosiery. E. W. Walton. 361,472; Oct. 18; Serial No. 406,314; published July 19, 1938.
Hosiery, Women's. Artcraft Silk Hosiery Mills, Inc. 361,384; Oct. 18; Serial No. 398,788; published July 26, 1938.
Hosiery, Women's. Elder and Johnston Company. 361,369; Oct. 18; Serial No. 379,691; published July 19, 1938.
Hosiery, Women's. Franklin Simon & Co. 361,463; Oct. 18; Serial No. 406,196; published July 26, 1938.
Overcoats and topcoats. Neptune Mfg. Co. 361,498; Oct. 18; Serial No. 406,770; published July 26, 1938.
Shirts, underwear, ties, etc. L. J. Markowitz. 361,435; Oct. 18; Serial No. 405,305; published July 26, 1938.
Shoes. J. R. Belter. 361,550; Oct. 18.
Sportswear and wearing apparel. Adirondack Sportswear Inc. 361,448; Oct. 18; Serial No. 405,757; published July 19, 1938.
Suits and topcoats. Levy Bros. & Adler Rochester, Incorporated. 361,392; Oct. 18; Serial No. 400,774; published July 26, 1938.
Suits and topcoats. Levy Bros. & Adler Rochester, Incorporated. 361,393–4; Oct. 18; Serial Nos. 400,776–7; published July 26, 1938.
Suits, coats, vests, etc. Pincus Bros., Inc. 361,468; Oct. 18; Serial No. 406,263; published July 19, 1938.
Suits, overcoats, and topcoats. Wulf Bros., Inc. 361,473; Oct. 18; Serial No. 406,318; published July 19, 1938.
Suits, topcoats, and overcoats. Hickey Freeman Company. 361,456; Oct. 18; Serial No. 405,961; published June 28, 1938.
Sweaters, Woolen. Puritan Knitting Mills, Corp. 361,493; Oct. 18; Serial No. 406,693; published Aug. 2, 1938.
Topcoats and overcoats. Joseph D. Shakow, Inc. 361,475; Oct. 18; Serial No. 406,351; published July 19, 1938.
Undergarments, Girls', misses', and women's. American Maid Company. 361,428; Oct. 18; Serial No. 404,975; published July 26, 1938.
Undergarments, Men's. Coopers, Incorporated. 361,483; Oct. 18; Serial No. 406,502; published July 19, 1938.
Underwear. N. Hatch. 124,244–5; renewed Jan. 28, 1939.
Underwear, Children's, misses', and ladies'. Fairy Silk Mills. 361,480; Oct. 18; Serial No. 406,445; published July 19, 1938.
Underwear for women. Holeproof Hosiery Co. 361,437; Oct. 18; Serial No. 405,389; published July 26, 1938.
Underwear, Ladies'. R. Freed. 361,518; Oct. 18; Serial No. 407,138; published July 26, 1938.
Union-suits and infants' wrappers, Children's waist. Amazon Products Co. 123,773; renewed Dec. 10, 1938.

CLASS 42

Blankets. Esmond Mills. 361,424; Oct. 18; Serial No. 404,697; published Aug. 9, 1938.
Cloths, Wash and dish. Veltex Knitting Company. 361,459; Oct. 18; Serial No. 406,076; published Aug. 9, 1938.
Corduroy fabrics. Crompton Company. 361,524; Oct. 18; Serial No. 407,367; published Aug. 9, 1938.
Cotton piece goods. Burton Brothers & Co. 361,482; Oct. 18; Serial No. 406,494; published Aug. 9, 1938.
Cotton piece goods. J. L. Stifel & Sons, Inc. 361,453; Oct. 18; Serial No. 405,860; published Aug. 9, 1938.
Pads, mattress covers, mosquito nets, etc., High chair. Fine Art Pillow & Specialties Corporation. 361,505; Oct. 18; Serial No. 406,862; published Aug. 9, 1938.
Piece goods. J. Rosenholz Inc. 361,494; Oct. 18; Serial No. 406,694; published Aug. 9, 1938.
Piece-goods. J. Rosenholz Inc. 361,507; Oct. 18; Serial No. 406,883; published Aug. 9, 1938.
Plushes in the piece. Hind & Harrison Plush Company. 361,465–6; Oct. 18; Serial Nos. 406,247–8; published Aug. 9, 1938.
Plushes in the piece. Hind & Harrison Plush Company. 361,467; Oct. 18; Serial No. 406,250; published Aug. 9, 1938.
Sheeting, sheets, and pillowcases, Cotton. Pepperell Manufacturing Company. 361,538; Oct. 18.
Sheets and pillowcases, Cotton. Pepperell Manufacturing Company. 361,540; Oct. 18.
Sheets, pillow cases, and table linens. May Department Stores Company. 361,514; Oct. 18; Serial No. 407,067; published Aug. 9, 1938.
Textile piece goods. M. Weiner. 361,515; Oct. 18; Serial No. 407,076; published Aug. 9, 1938.
Woolen and worsted piece goods. Lankenau Co. 361,497; Oct. 18; Serial No. 406,722; published Aug. 9, 1938.
Woolen, worsted, etc., mixtures in the piece. Barakat Bros. Inc. 361,551; Oct. 18.

CLASS 43

Yarn, Worsted and woolen. James Lees and Sons Company. 124,390; renewed Feb. 11, 1939.
Yarns. Eastyarn, Inc. 361,368; Oct. 18; Serial No. 377,501; published July 26, 1938.

CLASS 44

Abdominal support and jock strap, Men's combination. I. B. Kleinert Rubber Company. 361,544; Oct. 18.
Acoustic instruments, Medical. L. A. Watson. 361,388; Oct. 18; Serial No. 399,787; published Jan. 25, 1938.
Sterilizers adapted for laboratory and surgical work. Wilmot Castle Company. 124,916; renewed Mar. 18, 1939.

CLASS 45

Beverage. Irvin's, Inc. 361,557; Oct. 18.
Beverages, and sirups and extracts for making the same. Fred W. Albrecht Grocery Company. 361,534; Oct. 18; Serial No. 407,746; published Aug. 9, 1938.

Beverages made from fruit. R. R. Ober. 361,517; Oct. 18; Serial No. 407,108; published Aug. 9, 1938.

CLASS 46

Baking-powder and baking-soda. Layton Pure Food Company. 124,735; renewed Mar. 11, 1939.
Butter, cheese, eggs, etc. River Plate Dairy Company. 361,370; Oct. 18; Serial No. 382,445; published Oct. 27, 1936.
Butter, cheese, milk powder, etc. Friesche Cooperatieve Zuivel-Export-Vereeniging. 361,434; Oct. 18; Serial No. 405,245; published Aug. 9, 1938.
Cake, Fruit. G. Smith. 124,591; renewed Feb. 25, 1939.
Candy. Salvo & Berdon Candy Co. 361,415; Oct. 18; Serial No. 403,663; published Aug. 9, 1938.
Canned food for dogs, cats, and carnivorous animals. Atlas Canning Company. 361,432; Oct. 18; Serial No. 405,237; published Aug. 9, 1938.
Cheese. Popper Gray & Co. 361,416; Oct. 18; Serial No. 403,706; published Aug. 9, 1938.
Cheese. J. R. Tolibia. 361,495; Oct. 18; Serial No. 406,697; published Aug. 9, 1938.
Cheese food mixture, Process. Swift and Company. 361,512; Oct. 18; Serial No. 407,041; published Aug. 9, 1938.
Confection, Chilled and frozen fruit. Fruity Freeze Corporation. 361,501; Oct. 18; Serial No. 406,804; published Aug. 9, 1938.
Eggs. Swift and Company. 361,513; Oct. 18; Serial No. 407,042; published Aug. 9, 1938.
Feed, corn meal, etc., Horse and mule. J. M. Wilson. 361,382; Oct. 18; Serial No. 396,704; published Aug. 9, 1938.
Feeds, mixed feeds and feed ingredients, etc. B. F. Sheesley & Son. 361,447; Oct. 18; Serial No. 405,740; published Aug. 9, 1938.
Flour, Soybean. Glidden Company. 361,390; Oct. 18; Serial No. 400,160; published Aug. 9, 1938.
Flour, Wheat. Warrensburg Mills. 124,909; renewed Mar. 18, 1939.
Food product, Concentrated. Larx Company. 361,481; Oct. 18; Serial No. 406,455; published Aug. 9, 1938.
Ham and picnic ham. F. G. Vogt & Sons, Incorporated. 361,471; Oct. 18; Serial No. 406,313; published Aug. 9, 1938.
Macaroni and wheat flour. Italian Cooperative Grocers. 361,406; Oct. 18; Serial No. 402,093; published Aug. 9, 1938.
Meat roll, Pimiento. A. Fink & Sons Co. 361,539; Oct. 18.
Syrup, Table. Hubinger Co. 361,386; Oct. 18; Serial No. 399,234; published Aug. 9, 1938.

CLASS 47

Wines. Lombardi Wine Company. 361,506; Oct. 18; Serial No. 406,868; published Aug. 9, 1938.

CLASS 48

Beer. Otto Erlanger Brewing Co. 361,535–6; Oct. 18; Serial Nos. 407,802–3; published Aug. 9, 1938.
Beer. Quality Brands, Inc. 361,549; Oct. 18.

CLASS 49

Brandies, Fruit. Hood River Distillers, Inc. 361,552; Oct. 18.
Whiskey. Jas. Barclay & Co. Limited. 361,397; Oct. 18; Serial No. 401,044; published Feb. 8, 1938.

CLASS 50

Monuments, markers, tablets, etc., Stone. Cold Spring Granite Company. 361,400; Oct. 18; Serial No. 401,338; published Aug. 9, 1938.

LIST OF LABELS

Beech-Nut Restaurant Coffee. For Coffee. Beech-Nut Packing Company. 51,930; Oct. 18.
Birthday Bottle Amontillado Sherry. For Amontillado Sherry. Paddington Corporation. 51,961; Oct. 18.
Blossom Candy Coated Peppermint Chicle. For Chewing Gum. Peppermint Corporation. 51,963; Oct. 18.
Blossom Mints. For Mints. Peppermint Corporation. 51,964; Oct. 18.
Bravo! For Artificial Synthetic Table Water or Mineral Water. J. Fewkes. 51,940; Oct. 18.
Candid Camera Photos of 1938. For Candid Camera Photos of 1938 Summer Clothes. David M. Goodstein, Inc. 51,947; Oct. 18.
Chateau Jero. For a Carbonated and Non-alcoholic Bar Mixer. Jero Products Co. 51,952; Oct. 18.
Citra-Gold. For Canned Lemon Juice. E. A. Silzle Corporation. 51,967; Oct. 18.
Citra-Gold. For Canned Orange Juice. E. A. Silzle Corporation. 51,968; Oct. 18.
Crunch-Ettes. For a Breakfast Cereal. Cera-Lac Company. 51,932; Oct. 18.
Dole Pineapple Stars and Bars. For Pineapple. Hawaiian Pineapple Company Ltd. 51,949; Oct. 18.
Famous Foods, Inc. For Potato Chips. Famous Foods, Inc. 51,939; Oct. 18.
Fine Footwear. For Footwear. A. C. Clayton Printing Co. 51,934; Oct. 18.
Fleecy White. For a Laundry Bleach. John Puhl Products Company. 51,966; Oct. 18.
Fresh Crushed, West Indian Lime Juice. Ginger Laboratories, Inc. 51,945; Oct. 18.
Garden Land. For Early Variety Peas. Wisconsin Canners Cooperative. 51,974; Oct. 18.
Gordon Buchannan Cigarettes. For Cigarettes. Christian Peper Tobacco Company. 51,962; Oct. 18.
Gypsy Fire. For a Powder for Producing Colored Flames. Gypsy Fire Folke Co. 51,948; Oct. 18.
Harbor Light. For Soda Crackers. Bright Biscuit Company. 51,931; Oct. 18.
Ice Cream (Application No. 3). For Ice Cream. Container Corporation of America. 51,935; Oct. 18.
Ice Cream (Application No. 4). For Ice Cream. Container Corporation of America. 51,936; Oct. 18.
Industani Massage Oil and Nerve Tonic Rub. For a Massaging Oil and Nerve Tonic Rub. E. A. Fiddler. 51,941; Oct. 18.
Industani Ring Worm and Psoriasis Ointment. For a Ringworm and Psoriasis Ointment. E. A. Fiddler. 51,942; Oct. 18.
Industani Skin Ointment. For Skin Ointment. E. A. Fiddler. 51,943; Oct. 18.
Jax Special Pale Brew. For Beer. Jackson Brewing Company. 51,951; Oct. 18.
Johnson's Perfectone Undercoat. For a White Undercoat Used as the Basis for an Enamel Finish. S. C. Johnson & Son, Inc. 51,953; Oct. 18.
Kings Favourite—Blended Scotch Whisky. For Blended Scotch Whisky. C. Goldfus. 51,946; Oct. 18.
Kool-Aid. For Mixture of Dextrose, Flavor, Fruit Acid, Vitamin D and Coloring for Making Soft Drinks and Frozen Desserts. Perkins Products Company. 51,965; Oct. 18.
L'Heure Exquise. For Perfumes and Cosmetics. F. Tipton. 51,969; Oct. 18.
Lonesome Pine Follicle Lotion. For Follicle Lotion. T. De Paulis. 51,938; Oct. 18.
Madre. For Salt. Worcester Salt Company. 51,975; Oct. 18.
Master Bourbon. For Straight Bourbon Whiskey. Fort Clark Corporation. 51,944; Oct. 18.
McBrady's Skin Youth Oils Makes Old Skin Look Younger. For Skin Oils. J. E. McBrady and Company. 51,955; Oct. 18.
Mor Cola. For Cola Beverage. Morland Bros. Beverage Co. 51,958; Oct. 18.
N. Hess' Sons. For Footwear. Frank C. Meyer Co. Inc. 51,956; Oct. 18.
Northmont. For Hosiery. Northmont Hosiery Corporation. 51,960; Oct. 18.
O'Leary's. For Straight Bourbon Whiskey. M. Levenson. 51,954; Oct. 18.
Original Peau Seche Dry Skin. For Superfatted Soap. Wright & Lawrence Peau Seche Sales, Inc. 51,976; Oct. 18.
Poplar Brand Frosted Fresh Foods. For Frosted Sliced Marshall Strawberries. S. A. Moffett. 51,957; Oct. 18.
Pulaski. For Vienna Type Beer. S. Jablonski. 51,950; Oct. 18.
Shurfine (Orange Beverage). For an Orange Beverage. National Retailer-Owned Grocers, Inc. 51,959; Oct. 18.
The Nut House. For Nuts. M. A. Curtiss. 51,937; Oct. 18.
Tom's Chex. For Toasted and Salted Corn. Chex Company. 51,933; Oct. 18.
Vapoo—The Upholstery and Rug Shampoo. For Shampoo for Upholstery and Rugs. Vapoo Products Co. Inc. 51,970; Oct. 18.
Walden's Super Hair Grower. For a Hair Grower. M. Walden. 51,972; Oct. 18.
Waxon Re-Nu-Er. For Automobile Polish. Waxon Chemical Co. 51,973; Oct. 18.
Zippy. For a Chocolate Flavored Malt and Milk Drink. S. L. Vitale. 51,971; Oct. 18.

LIST OF PRINTS

Best in Asbestos. For Asbestos Shingles. Keasbey & Mattison Company. 17,084; Oct. 18.
Better—Not Bitter. For Beer. Globe Brewing Company. 17,083; Oct. 18.
Eskimo Pie. For Frozen Confections. Eskimo Pie Corporation. 17,073–4; Oct. 18.
Fruiti-Frost. For Frozen Confections. Frozen Novelties Sales Corporation. 17,078–9; Oct. 18.
Fudgi-Frost. For Frozen Confections. Frozen Novelties Sales Corporation. 17,080; Oct. 18.
Icy-Frost. For Frozen Confections. Frozen Novelties Sales Corporation. 17,076–7; Oct. 18.
Lucky Star Kup. For Ice Cream. Mono Service Co. 17,085; Oct. 18.
Smash the Breakfast Line with Wheaties! For Cereal Food. General Mills, Inc. 17,081; Oct. 18.
Stanzoil. For Rubber Gloves for Domestic and Industrial Use. Pioneer Rubber Company. 17,087; Oct. 18.
The Heart's Desire of 8 Million Students. For Fountain Pens, Mechanical Pencils, and Ink. Parker Pen Company. 17,086; Oct. 18.
The World Sits on Standard Folding Chairs. For Folding Chairs and Park Benches. Standard Manufacturing Co. 17,088; Oct. 18.
This Cake Will Make Them Sit Up and Take Notice! For Flour. General Mills, Inc. 17,082; Oct. 18.
2 for 5¢ Eskimo Pop-Pie. For Frozen Confections. Eskimo Pie Corporation. 17,075; Oct. 18.
X Marks the Spot. For Beer. Ajax Brewing Corporation. 17,072; Oct. 18.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 18TH DAY OF OCTOBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Bassick Company, The. (See Herold, Walter F., assignor.)
Boeing Aircraft Company. (See Tower, Leslie R., assignor.)
Clarkson, John L., Nashville, Ill. Power loader. Re. 20,883; Oct. 18.
Dow-Weld Company. (See Johnson, Louis B., assignor.)
Fulton Company, The. (See Thorp, Joel R., assignor.)
Galion Metallic Vault Company, The. (See Smith, Ralph E., assignor.)
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Compensating wheeled structure. Re. 20,884; Oct. 18.
Johnson, Louis B., Baltimore, Md., assignor to Dow-Weld Company, Inc. Load transfer device for roadways. Re. 20,886; Oct. 18.
Kopolator Corporation. (See Kopsa, Julius F., assignor.)
Kopsa, Julius F., assignor to Kopolator Corporation, Chicago, Ill. Liquid separating device. Re. 20,885; Oct. 18.
Mercier, Jean, Neuilly-sur-Seine, France. Cushioning device. Re. 20,887; Oct. 18.
Sherman, John Q., Dayton, Ohio, assignor to The Standard Register Company. Pin feed platen roll. Re. 20,888; Oct. 18.
Smith, Ralph E., assignor to The Galion Metallic Vault Company, Galion, Ohio. Vault base. Re. 20,889; Oct. 18.
Standard Register Company, The. (See Sherman, John Q., assignor.)
Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Steering wheel spinner knob. Re. 20,890; Oct. 18.
Tower, Leslie R., assignor to Boeing Aircraft Company, Seattle, Wash. Control flap and balance. Re. 20,891; Oct. 18.

LIST OF PLANT PATENTEES

Ringdahl, Ivar, Rome, N. Y. Rose. 295; Oct. 18.

LIST OF DESIGN PATENTEES

Abbate, Jacob, New York, N. Y. Dress. 111,801; Oct. 18.
Abbate, Jacob, New York, N. Y. Dress. 111,802; Oct. 18.
American Proca Corporation. (See Volney, Svatopluk C., assignor.)
Andersen, Christian, Redfield, S. Dak. End table or the like. 111,826; Oct. 18.
Andres, Lloyd J., Chicago, Ill. Electric remote controller casing. 111,777; Oct. 18.
Andres, Lloyd J., Chicago, Ill. Electric remote controller casing. 111,778; Oct. 18.
Arden, Elizabeth, Inc. (See Lewis, Florence N., assignor.)
Armstrong Cork Company. (See Muller, Henry J., assignor.)
Asbury-Prentiss, Inc., et al. (See Asch, Leonard C., assignor.)
Asch, Leonard C., New York, N. Y., assignor of one-half to Polly Prentiss, Inc., Sumter, S. C., and one-half to Asbury-Prentiss, Inc., Sumter, S. C. Beach coat or similar article. 111,827; Oct. 18.
Automatic Shifters, Inc. (See Hey, Henry W., assignor.)
Bailey, Perkins H., New York, N. Y., assignor to Talon, Inc., Meadville, Pa. Coat. 111,803; Oct. 18.
Balme, Joseph, Paris, France. Bracelet. 111,779; Oct. 18.
Bear, Paul S., and H. E. Bucklen, assignors, by mesne assignments, to Bucklen-Bear Laboratories, Inc., Elkhart, Ind. Tip-over switch case or the like. 111,780; Oct. 18.
Beau Peep Products. (See Wiener, Jerome L., assignor.)
Bell, Harry W., Akron, Ohio, assignor to Durable Mat Company, Seattle, Wash. Link for a floor mat. 111,804; Oct. 18.
Bell Telephone Laboratories, Incorporated. (See Lum, George R., assignor.)
Brennan, Raymond F., Attleboro, Mass. Combined bookmark and holder clip. 111,781; Oct. 18.
Bucklen-Bear Laboratories, Inc. (See Bear, P. S., and Bucklen, assignors.)
Bucklen, Herbert E. (See Bear, P. S., and Bucklen.)
Buds, Carmen A., Stamford, Conn. Fortune teller's bob. 111,782; Oct. 18.
Cadous, Esther, Brooklyn, N. Y. Convertible cuff slipper or similar article. 111,783; Oct. 18.
Cearn, Milton H., Chicago, Ill. Hair drying apparatus. 111,805; Oct. 18.
Central Metallic Casket Co. (See Larson, Raymond, assignor.)
Cohn, Mark, New York, N. Y. Dress. 111,828; Oct. 18.
Coleman, Tora, New York, N. Y. Dress. 111,829; Oct. 18.
Coleman, Tora, New York, N. Y. Dress. 111,830; Oct. 18.
Coleman, Tora, New York, N. Y. Dress. 111,831; Oct. 18.
Coleman, Tora, New York, N. Y. Dress. 111,832; Oct. 18.
Collison, Edward E. (See Van Tuyl, S., and Collison.)
Conkle, Charles A., Atlantic City, N. J. Radio program reminder. 111,833; Oct. 18.
Connor, Roger, assignor to The McBee Company, Athens, Ohio. Check or similar article. 111,825; Oct. 18.
De Sabato, Paul A., Pittsburgh, Pa. Combined bottle support and display cabinet. 111,736; Oct. 18.
Dublirer, Jacob, New York, N. Y. Dress. 111,806; Oct. 18.
Durable Mat Company. (See Bell, Harry W., assignor.)
Engel, Alice, New York, N. Y. Dress. 111,834; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,737; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,738; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,739; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,740; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,741; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,742; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,743; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,744; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,745; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,746; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,747; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,748; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,749; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,750; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,751; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,752; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,753; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,754; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,755; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,756; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,757; Oct. 18.
Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,758; Oct. 18.
Erickson, C. E., Company. (See Erickson, Ernest R., assignor.)

Erickson, Ernest R., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Counter display stand. 111,759; Oct. 18.
Feigenbaum, Herman. (See Zucker, L., and Feigenbaum.)
Feldman, Manuel, New York, N. Y. Rug. 111,760; Oct. 18.
Frame, Edgar B., assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Spray nozzle. 111,807; Oct. 18.
Frazier, Francis, Oakland, Calif. Combined flag and staff. 111,761; Oct. 18.
Fried, Benjamin, New York, N. Y. Dress. 111,835; Oct. 18.
Gerelick, David, New York, N. Y. Coat. 111,762; Oct. 18.
Gerton, Philip, New York, N. Y. Stocking or similar article. 111,784; Oct. 18.
Gibbs, David B., New York, N. Y. Badge. 111,763; Oct. 18.
Gould, Marcus A., New Kensington, Pa. Display plate for automobiles. 111,764; Oct. 18.
Hadley, Donald L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Electric toaster or the like. 111,765; Oct. 18.
Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 111,766; Oct. 18.
Havlis, Adolph J., Oak Park, assignor to Keystone Metal Products Co., Chicago, Ill. Tumbler rack. 111,767; Oct. 18.
Hey, Henry W., assignor to Automatic Shifters, Inc., Richmond, Va. Gear shift lever handle. 111,836; Oct. 18.
Hood Rubber Company. (See Hosker, Clarence E., assignor.)
Hosker, Clarence E., assignor to Hood Rubber Company, Inc., Watertown, Mass. Shoe. 111,808; Oct. 18.
Jewels by Karples, Inc. (See Karples, Franklin E., assignor.)
Jiranek, Leo, Scarsdale, N. Y. Buffet. 111,768; Oct. 18.
Kahle, Robert L., Philadelphia, Pa. Woven textile fabric. 111,809; Oct. 18.
Karples, Franklin E., Poundridge, assignor to Jewels by Karples, Inc., New York, N. Y. Pin clip or similar article. 111,769; Oct. 18.
Kaufman, Murray, assignor to Murray Kaufman, Inc., New York, N. Y. Fur jacket. 111,770; Oct. 18.
Kaufman, Murray, Inc. (See Kaufman, Murray, assignor.)
Kennedy, William L., Denver, Colo. Combined tube dispenser and article holding device. 111,771; Oct. 18.
Kettleborough, Harry J., Mendota, Ill. Domestic ice cream freezer. 111,772; Oct. 18.
Keystone Metal Products Co. (See Havlis, Adolph J., assignor.)
Klein, Samuel C., St. Louis, Mo. Coat. 111,810; Oct. 18.
Klein, Samuel C., St. Louis, Mo. Dress. 111,837; Oct. 18.
Koch, Louis A., Jr., Louisville, Ky. Automobile bumper extension. 111,785; Oct. 18.
Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Corner plate for a casket or analogous article. 111,786; Oct. 18.
Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Handle for a casket or analogous article. 111,787; Oct. 18.
Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Corner plate for a casket or analogous article. 111,788; Oct. 18.
Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Handle for a casket or analogous article. 111,789; Oct. 18.
Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Corner plate for a casket or analogous article. 111,790; Oct. 18.
Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Handle for a casket or analogous article. 111,791; Oct. 18.
Lazare, Louis, New York, N. Y. Textile fabric. 111,838; Oct. 18.
Levine, Louis, Leominster, Mass. Umbrella rib tip. 111,811; Oct. 18.
Lewis, Florence N., assignor to Elizabeth Arden, Inc., New York, N. Y. Artificial flower boutonniere. 111,773; Oct. 18.
Libbey Glass Company. (See Hansen, Melvin O., assignor.)
Lum, George R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric fan. 111,839; Oct. 18.
Mariani, Frank N., New York, N. Y. Combined lamp and pipe rack. 111,792; Oct. 18.
McBee Company, The. (See Connor, Roger, assignor.)
Mick, Walter K., St. Paul, Minn. Paper drilling machine. 111,812; Oct. 18.
Miller, William G., New York, N. Y. Quilted fabric. 111,813; Oct. 18.
Monarch Manufacturing Works, Inc. (See Frame, Edgar B., assignor.)
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Control panel for outboard motors. 111,814; Oct. 18.
Morrison, Willard L., Lake Forest, Ill. Automobile. 111,840; Oct. 18.
Morrison, Willard L., Lake Forest, Ill. Automobile. 111,841; Oct. 18.
Muller, Henry J., assignor to Armstrong Cork Company, Lancaster, Pa. Floor covering. 111,815; Oct. 18.
Myers, Cecil C., Bartlesville, Okla. Bottle. 111,793; Oct. 18.
Nudell, Arthur A., Chicago, Ill. Decorative wall plaque or analogous article. 111,774; Oct. 18.
Oswell, Benjamin M., Los Angeles, Calif. Straw dispensing jar. 111,794; Oct. 18.
Oxweld Acetylene Company. (See Young, Lloyd W., assignor.)
Prentiss, Polly, Inc., et al. (See Asch, Leonard C., assignor.)
Romer, Max L., New York, N. Y. Coat. 111,816; Oct. 18.
Russell, John E., Scranton, Pa. Photographic card mount. 111,795; Oct. 18.
Savage, Edward S., Rochester, N. Y. Figure toy. 111,796; Oct. 18.
Schwankhaus, Paul A., assignor to The Wadsworth Watch Case Company, Dayton, Ky. Watchcase. 111,817; Oct. 18.
Sears, Roebuck and Co. (See Morgan, John R., assignor.)
Seaver, William, Auburndale, Mass. Translucent candle. 111,775; Oct. 18.
Seidel, Martin, Bogota, N. J. Embroidered lace. 111,842; Oct. 18.
Seidel, Martin, Bogota, N. J. Embroidered lace. 111,843; Oct. 18.
Silverman, Jacob A., New York, N. Y. Coat. 111,818; Oct. 18.
Stern, Adolph, Cleveland, Ohio. Plate or similar article. 111,819; Oct. 18.
Stickrath, Chester D., Dayton, Ohio. Casting bait. 111,797; Oct. 18.
Stone, Mollie, New York, N. Y. Dress. 111,844; Oct. 18.
Talon, Inc. (See Bailey, Perkins H., assignor.)
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 111,820; Oct. 18.
Van Tuyl, Sidney, Berwyn, and E. E. Collison, Chicago, Ill. Electric shaver. 111,776; Oct. 18.
Volney, Svatopluk C., New York, N. Y., assignor to American Proca Corporation. Combined phonograph and picture projector. 111,798; Oct. 18.
Wadsworth Watch Case Company. (See Schwankhaus, Paul A., assignor.)
Warner, Mariau J. (See Warner, Matilda F. and M. J.)
Warner, Matilda F. and M. J., Oakland, Calif. School symbol. 111,799; Oct. 18.
Westinghouse Electric & Manufacturing Company. (See Hadley, Donald L., assignor.)
Wiener, Jerome L., assignor to Beau Peep Products, Chicago, Ill. Bottle. 111,821; Oct. 18.
Wusits, Olga, New York, N. Y. Dress. 111,822; Oct. 18.
Young, Lloyd W., Scotch Plains, N. J., assignor to Oxweld Acetylene Company. Blowpipe. 111,800; Oct. 18.
Zelinka, David, New York, N. Y. Coat. 111,823; Oct. 18.
Zucker, Lillian, and H. Feigenbaum, New York, N. Y. Evening wrap. 111,824; Oct. 18.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 18TH DAY OF OCTOBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abbot, Charles G., Washington, D. C. Solar heater. 2,133,649; Oct. 18.
Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Electric heater. 2,133,838; Oct. 18.
Addor, Marcel A., Noranda, Quebec, Canada. Reflector assembly. 2,133,839; Oct. 18.
Adlerwerke vorm. Heinrich Kleyer Aktiengesellschaft. (See Schlaefke, Karl H., assignor.)
Agens, Maynard C. (See Nordlander, B. W., and Agens.)
Ahrbecker, Harold L. (See Battles, S. S., and Ahrbecker.)
Air Conditioning Equipment Inc. (See Brus, Emile P., assignor.)
Air-Way Electric Appliance Corporation. (See Dow, D. M., and Latta, assignors.)
Albe Pump Corporation. (See Berman, P., and Harris, assignors.)
Alexander, Lowell M., Cincinnati, Ohio, assignor to Nutone Chimes Inc., New York, N. Y. Musical chime. 2,133,911; Oct. 18.
Alexander, Lyle T. (See Shaw, T. M., and Alexander.)
Alexandersson, Harald V., Stockholm, and K. H. Blomberg, Appelviken, assignors to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Switching arrangement in coin collectors for telephone systems. 2,133,523; Oct. 18.
Allied Medical & Orthopedic Supply Co. (See Hawley, George W.)
Alloys Company, The. (See Newell, Minton H., assignor.)
Altgelt, Herman E., South Bend, Ind., assignor to Oliver Farm Equipment Company. Air cleaner. 2,133,316; Oct. 18.
Amco, Incorporated. (See Spencer, H. F., and Morton, assignors.)
American Bemberg Corporation. (See Johnson, Thomas H., assignor.)
American Brake Company, The. (See Mueller, Emil G., assignor.)
American Can Company. (See York, Archibald N., assignor.)
American Character Doll Co. (See Schaeffer, Edward G., assignor.)
American Dairies, Incorporated. (See Schnabel, Charles F., assignor.)
American Engineering Company. (See Bennett, Joseph S., assignor.)
American Engineering Company. (See Lamond, Robert C., assignor.)
American Forging & Socket Company, The. (See Saunders, Walter S., assignor.)
American Locomotive Company. (See Blunt, James G., assignor.)
American Machine and Foundry Company. (See Baxter, Gustave S., assignor.)
American Machine & Foundry Company. (See Bronander, Wilhelm B., assignor.)
American Machine & Foundry Company. (See Ferenci, Lester, assignor.)
American Telephone and Telegraph Company. (See Deardorff, Ralph W., assignor.)
American Telephone and Telegraph Company. (See Fisher, D., and Parker, assignors.)
Anderson, Carroll R., assignor, by mesne assignments, to Munsingwear Inc., Minneapolis, Minn. Knitted fabric. 2,133,840; Oct. 18.
Anderson, John A., Olympia Fields, assignor to Standard Oil Company, Chicago, Ill. Petrolatumlike products. 2,133,412; Oct. 18.
Anderson, Neil, et al. (See Johanson, Adolph T., assignor.)
Anderson Products, Incorporated. (See Parks, J. A., Jr., and Upton, assignors.)
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Ice tray. 2,133,266; Oct. 18.
Andres, William J., Pittsburgh, and R. S. Sanford, New York, N. Y., assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Control mechanism. 2,133,275; Oct. 18.
Andrews, Harry L., Jr. (See Beegle, F. M., and Andrews.)
Anscott, William. (See Carter, L. F., and Anscott.)
Anscott, William, Woodhaven, N. Y., and L. F. Carter, Leonia, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyrovertical. 2,133,793; Oct. 18.
Anthonisen, Georg B., Minneapolis, Minn. Track construction. 2,133,317; Oct. 18.
Arato, Vincent, and A. Gallucci, Peekskill, N. Y. Sanitary drinking protector. 2,133,318; Oct. 18.
Aresee Company Inc. (See Chandler, Daniel L., assignor.)
Arkansas Company. (See Cook, A. A., and Valjavec, assignors.)
Armstrong Cork Company. (See Kaufman, Walter F., assignor.)
Armstrong, Levi B., Great Neck, assignor to The Lundie Engineering Corporation, New York, N. Y. Rail supporting and securing means. 2,133,912; Oct. 18.
Arthur, James L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition distributor. 2,133,413; Oct. 18.
Artistic Lamp Manufacturing Company. (See Perlmutter, Henry A., assignor.)
Associated Electric Laboratories, Inc. (See Bakker, Pier, assignor.)
Associated Electric Laboratories, Inc. (See Cox, Irvin W., assignor.)
Associated Electric Laboratories, Inc. (See Obergfell, Herbert F., assignor.)
Associated Telephone & Telegraph Company. (See Baker, G. T., and McClew, assignors.)
Association of American Soap & Glycerine Producers, Inc. (See Hoover, Kenneth H., assignor.)
Aubert, Hermenégilde, Saint Adele, Quebec, Canada. Ski clamp. 2,133,883. Oct. 18.
Autographic Register Company. (See Brenn, Carl W., assignor.)
Automatic Products Company. (See McCarty, Lourdes V., assignor.)
Automotive Maintenance Machinery Co. (See Gallivan, John E., assignor.)
Avigdor, Rifat, Berlin, Germany. Locking device for preventing accidental loosening of separable screwed pipe joints. 2,133,841; Oct. 18.
Ayers, Joseph W., assignor to C. K. Williams & Co., Easton, Pa. Black oxide of iron and making the same. 2,133,267; Oct. 18.
Baars, Ernst S. H., assignor to The Vilter Manufacturing Company, Milwaukee, Wis. Oil seal and reservoir construction for compressor crankshafts. 2,133,524; Oct. 18.
Bagshaw, Charles M., and A. Harrington, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Shoe finishing machine. 2,133,370; Oct. 18.
Bahuaud, Adrien A., Paris, France. Drill grinding machine. 2,133,414; Oct. 18.
Bailey, Richard W., Hale, England, assignor to General Electric Company. Internal combustion engine. 2,133,842; Oct. 18.
Baker, Chester L. (See Vail, J. G., and Baker.)
Baker, George T., and J. W. McClew, Liverpool, England, assignors to Associated Telephone & Telegraph Company, Chicago, Ill. Telephone system. 2,133,415; Oct. 18.
Baker, Irving H., Rutland, Vt. String releasing means for bows. 2,133,650; Oct. 18.
Baker, Richard O., assignor to G. T. Fulford Company Limited, Toronto, Ontario, Canada. Dispensing container for tablets and the like. 2,133,651; Oct. 18.
Bakker, Pier, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,133,682; Oct. 18.
Balin, Charles J., St. Louis, Mo. Container. 2,133,736; Oct. 18.
Ballantyne, Robert L., Perrysburg, Ohio. Power transmission. 2,133,276; Oct. 18.
Ballard, Charles H., Rochester, Pa. Removing battery terminals. 2,133,371; Oct. 18.
Bank of The Manhattan Company. (See Brogden, Ronald R., assignor.)
Barber, Charles C., Rockville Centre, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Clutch mechanism. 2,133,794; Oct. 18.
Barnard, Glen G., Denver, Colo. Vending machine. 2,133,525; Oct. 18.
Barney, Freeman, assignor to The Challenge Machinery Company, Grand Haven, Mich. Two hand safety lever. 2,133,526; Oct. 18.
Barrett Company, The. (See Penley, Benjamin S., assignor.)
Barrett, Conrad F., Anthony, N. Mex. Fishing lure. 2,133,884; Oct. 18.
Bartlett, O. J., et al. (See Guthrie, Andrew J., assignor.)
Barton, Joseph M., Athol, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-attaching machine. 2,133,372; Oct. 18.
Barton, Loy E., Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Intermediate frequency amplifier. 2,133,795; Oct. 18.

Barton, Paul D., Scarsdale, N. Y., assignor, by mesne assignments, to Sun Oil Company, Philadelphia, Pa. Dewaxing hydrocarbon oils. 2,133,338; Oct. 18.
Bassett, Charles W. (See Dootson, Norman L., assignor.)
Bates, Ralph I. (See Rossman, E. F., Chryst, and Bates.)
Battles, Stewart S., Chicago, Ill., and H. L. Ahrbecker, Cincinnati, Ohio, assignors to Borg-Warner Corporation, Chicago, Ill. Barrel. 2,133,796; Oct. 18.
Baule, Gerhard H. J., assignor to Hall & McChesney, Inc., Syracuse, N. Y. Loose leaf binder. 2,133,373; Oct. 18.
Bausch & Lomb Optical Company. (See Dittmer, Arthur F., assignor.)
Bausch & Lomb Optical Company. (See Hall, L. B., and Kurtz, assignors.)
Bausch & Lomb Optical Company. (See Sterling, Scott, assignor.)
Baxter, Gustave S., Detroit, Mich., assignor, by mesne assignments, to American Machine and Foundry Company. Bread wrapping machine. 2,133,339; Oct. 18.
Bayard, Margret, Brooklyn, N. Y. Curtain rod. 2,133,268; Oct. 18.
Beach, Frederick E. (See Petersen, E. G., and Beach.)
Beadle, Blanche E., Springfield, Mass. Hair curler. 2,133,797; Oct. 18.
Beaverite Products, Inc. (See Rossi, George S., assignor.)
Beck, Koller & Company. (See Reichhold, H., and Jarl, assignors.)
Beckmun, Carl, Detroit, Mich. Valve for fuel burner systems. 2,133,527; Oct. 18.
Beegle, Frank M., Springfield, and H. L. Andrews, Jr., Ridley Park, Pa., assignors to Congoleum-Nairn, Inc. Flexible covering and making same. 2,133,886; Oct. 18.
Beers, Roy R., assignor of one-half to W. J. Thalheimer, Phoenix, Ariz. Wire tightener and twister. 2,133,887; Oct. 18.
Behrens, Herbert C. (See Mars, T. H., and Behrens.)
Bell, Dillwyn M., River Forest, assignor to Dudley Lock Corporation, Chicago, Ill. Key and permutation operated padlock. 2,133,528; Oct. 18.
Bell Telephone Laboratories, Incorporated. (See Barber, Charles C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bruce, Edmond, assignor.)
Bell Telephone Laboratories, Incorporated. (See Cox, L. R., and Terry, assignors.)
Bell Telephone Laboratories, Incorporated. (See Depew, C., and Ronci, assignors.)
Bell Telephone Laboratories, Incorporated. (See Halligan, Chir W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Harley, Joseph J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Harrison, Henry C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kinkead, Fullerton S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Pritchard, William T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Pullis, George A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Richard, Charles D., assignor.)
Benade, Walther, Dessau in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Ortho-hydroxyazo dyes and producing the same. 2,133,374; Oct. 18.
Bender, John C., Houston, Tex., assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif. Subsurface prospecting device. 2,133,776; Oct. 18.
Bendix Aviation Corporation. (See Heintz, Ralph M., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Andres, W. J., and Sanford, assignors.)
Bennett, Dennis H., Grandville, assignor of one-third to L. Halford and one-third to W. E. Ihling, Kalamazoo, Mich. Cutter or sickle bar. 2,133,277; Oct. 18.
Bennett, Joseph S., Merion, assignor to American Engineering Company, Philadelphia, Pa. Apparatus for distributing granular or pulverulent material. 2,133,798; Oct. 18.
Benninghofen, Paul, et al., trustees. (See Waechter, Harry J., assignor.)
Benson, Joseph E., Cedar Rapids, Iowa. Oyster opener. 2,133,529; Oct. 18.
Bentz, George B., New York, N. Y. Foldable closet seat deflector. 2,133,416; Oct. 18.
Berard, Hector R., and W. D. McKeon, assignors to The Heald Machine Company, Worchester, Mass. Apparatus for honing. 2,133,416; Oct. 18.
Berger, Kornel, Brooklyn, N. Y. Harp swivel. 2,133,913; Oct. 18.
Berman, Philip, New York, and L. B. Harris, Bayside, assignors to Albe Pump Corporation, Brooklyn, N. Y. Multistage liquid elevator. 2,133,269; Oct. 18.
Berry, Robert G., Memphis, Tenn. Testing device for shock absorbers. 2,133,843; Oct. 18.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,133,652; Oct. 18.
Beutlich, Sigurd, assignor to Scale-Models, Inc., Chicago, Ill. Truck assembly for model railway cars. 2,133,530; Oct. 18.
Bibb Manufacturing Company. (See Gwaltney, Eugene C., assignor.)
Bickel, Joseph W., Niles Center, Ill. Circuit control means. 2,133,799; Oct. 18.
Bienert, Berthold, Leverkusen I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Acylamino phthalocyanine. 2,133,340; Oct. 18.
Birdseye Electric Company. (See Wilson, H. D., and Heath, assignors.)
Black, Ralph C., Birmingham, Ala. Templet for marking trouser cuffs. 2,133,417; Oct. 18.
Black, Edward R., assignor to Black Systems, Inc., Chicago, Ill. Building covering. 2,133,683; Oct. 18.
Black Systems, Inc. (See Black, Edward R., assignor.)
Blackwell, Elie O., Gainesville, Fla. Multiple cement block forming machine and making hollow building blocks. 2,133,737; Oct. 18.
Blair, Robert S. (See Hulse, George E., assignor.)
Blau, Ludwig W., and R. W. Gemmer, Houston, Tex., assignors to Standard Oil Development Company. Reflection amplifier. 2,133,418; Oct. 18.
Bledsoe, J. O., et al. (See Guthrie, Andrew J., assignor.)
Bliss, Harvey N., Windsor, and E. Wild, assignors to Veeder-Root Incorporated, Hartford, Conn. Ratchet clutch mechanism. 2,133,777; Oct. 18.
Bloch, Franz G., Leitmeritz, Czechoslovakia. Electric circuit arrangement for contact-pointer thermostats and like instruments. 2,133,888; Oct. 18.
Blomberg, Knut H. (See Alexandersson, H. V., and Blomberg.)
Blomberg, Martin P., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Railway brake rigging. 2,133,531; Oct. 18.
Blum, Hosmer L., Fort Wayne, Ind. Compound action meter. 2,133,270; Oct. 18.
Blunt, James G., Schenectady, assignor to American Locomotive Company, New York, N. Y. Load transmitting device for railway vehicles. 2,133,800; Oct. 18.
Bobst, Henri, Lausanne, Switzerland. Shaping and printing cardboard blanks for the manufacture of boxes and machine for the working of said process. 2,133,801; Oct. 18.
Boegehold, Alfred L., assignor to General Motors Corporation, Detroit, Mich. Thin-walled steel casting and making same. 2,133,532; Oct. 18.
Bolongaro, James D., Charlottesville, Va. Apparatus for calculating the spacing of type for printed matter. 2,133,802; Oct. 18.
Bomford, Douglas R. and E. R., Pitchill, Evesham, England. Vehicle provided with endless or self-laying tracks. 2,133,653; Oct. 18.
Bomford, Ernest R. (See Bomford, Douglas R. and E. R.)
Bonney, Robert D., Glen Ridge, and W. S. Egge, East Orange, N. J., assignors to Congoleum-Nairn Inc. Treating China-wood oil and product thereof. 2,133,889; Oct. 18.
Borg-Warner Corporation. (See Battles, S. S., and Ahrbecker, assignors.)
Borg-Warner Corporation. (See Sherman, A. G., and Mills, assignors.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Callsen, Albert, assignor.)
Boxan, Walter. (See Rabe, K., and Boxan.)
Brady, Merrill K., Kirkwood, N. J. Draft regulator. 2,133,803; Oct. 18.
Brassert, H. A., & Co. Limited. (See Röchling, H., and Johannsen, assignors.)
Bratton, Ulysses S., Jr. (See Brintnall, Frank W., assignor.)
Bray, William N. (See Ricks, F., and Bray.)
Breer, Carl, assignor to Chrysler Corporation, Detroit, Mich. Clutch. 2,133,419; Oct. 18.
Brelsford, Harry E. (See Howse, C. L., Brelsford, Cox, and Thomas.)
Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Register. 2,133,778; Oct. 18.
Brewster, Morris B., Co. Inc. (See Turner, Guilford S., assignor.)
Briggs Manufacturing Company. (See Tjaarda, John, assignor.)
Brink, Harold T., assignor to Corning Glass Works, New York, N. Y. Glass melting furnace. 2,133,654; Oct. 18.
Brinkmann, Gottfried A. (See Scholfield, William B., assignor.)
Brintnall, Frank W., assignor to U. S. Bratton, Jr., Detroit, Mich. Apparatus for separating gold. 2,133,271; Oct. 18.
Brisson, Louis C., Neuilly-sur-Seine, assignor to Societe Anonyme; Societe des Freins Hydrauliques S. De Lavaud, Paris, France. Automatic heat-compensated slack-adjusting device. 2,133,533; Oct. 18.
Brogden, Ronald R., Orlando, Fla., assignor to Bank of The Manhattan Company, New York, N. Y. Method of and apparatus for assembling packages. 2,133,278; Oct. 18.
Bronander, Wilhelm B., Montclair, N. J., assignor to American Machine & Foundry Company. Cigarette tipper. 2,133,341; Oct. 18.
Brooks, Elbert J., Sparta, Wis. Expansible root cutter. 2,133,342; Oct. 18.
Brooks, John A., Detroit, Mich. Vacuum breaking valve. 2,133,804; Oct. 18.
Brooks, John E., Rock Island, Ill. Auxiliary lighting apparatus. 2,133,420; Oct. 18.

Brotzman, Leonard G., and R. E. Teague, Arroyo Grande, Calif. Balanced pump. 2,133,655; Oct. 18.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Thread cutting temple. 2,133,729; Oct. 18.
Brown, Charles N., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic structure and making the same. 2,133,805; Oct. 18.
Brown, Clarence E., Benton Harbor, Mich. Camp stove. 2,133,421; Oct. 18.
Brown, Glinn R., assignor of one-third to J. E. Crawford and one-third to H. G. Crawford, Bartlesville, Okla. Well pump. 2,133,890; Oct. 18.
Brown, Jesse B., assignor, by mesne assignments, to Velvet Power Brake Company, Detroit, Mich. Auxiliary brake and clutch control means for automotive delivery wagons and trucks. 2,133,764; Oct. 18.
Brown, Joseph A., Colorado, Tex., assignor of one-half to The Philip Carey Manufacturing Company. Fire protection unit. 2,133,376; Oct. 18.
Brown, Newton N. (See Gittings, W. L., and Brown.)
Brown, Roy W., Akron, Ohio. Pneumatic suspension device. 2,133,279; Oct. 18.
Browne, Cecil O., West Acton, London, assignor to Electric and Musical Industries Limited, Hayes, England. Television and the like system. 2,133,422; Oct. 18.
Bruce, Edmond, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio communication system. 2,133,806; Oct. 18.
Brundred Oil Corporation. (See Brundred, William J., assignor.)
Brundred, William J., assignor to Brundred Oil Corporation, Oil City, Pa. Oil production apparatus. 2,133,730; Oct. 18.
Brus, Emile P., Kansas City, Mo., assignor, by mesne assignments, to Air Conditioning Equipment Inc. Air conditioning device. 2,133,343; Oct. 18.
Buckwalter, Ross H., Joliet, assignor to Star Peerless Wall Paper Mills, Chicago, Ill. Method and apparatus for drying. 2,133,424; Oct. 18.
Burk, Robert E., assignor to The Standard Oil Company (Ohio), Cleveland, Ohio. Preparation of mineral oil products and the like. 2,133,280; Oct. 18.
Burke, Lawrence J., assignor to Poster Products, Inc., Chicago, Ill. Advertising medium. 2,133,914; Oct. 18.
Burrow, Ernest S., Winnipeg, Manitoba, Canada. Attachment to curling stones. 2,133,423; Oct. 18.
Bushnell, John H., Grand Rapids, Mich. Typewriter desk. 2,133,807; Oct. 18.
Calco Chemical Company, The. (See Northey, Elmore H., assignor.)
Caldwell, Frank W., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. One-way drive for propellers. 2,133,656; Oct. 18.
California Fruit Growers Exchange. (See Cox, Raymond E., assignors.)
Callari, Charles. (See Scuderi, B., and Callari.)
Callsen, Albert, Stuttgart-Botnang, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Engine starting apparatus. 2,133,534; Oct. 18.
Campolunghi, Giovanni, assignor to Societa Anonima Minerva, Rome, Italy. Treatment of schappe thread bands of artificial silk, and apparatus therefor. 2,133,535; Oct. 18.
Canfield, Edward R., Goodman, Mo. Front wheel drive for motor vehicles. 2,133,536; Oct. 18.
Carey, Philip, Manufacturing Company, The. (See Brown, Joseph A., assignor.)
Carey, Philip, Manufacturing Company, The. (See Greider, H. W., and Smith, assignors.)
Carlberg, John. (See Sherman, R. M., and Carlberg.)
Carlberg, John. (See Sherman, R. M., Carlberg, and Neumann.)
Carlson, Henning, Brockton, Mass. Fastening device. 2,133,425; Oct. 18.
Carlson, Wendell L., Haddonfield, N. J., assignor to Radio Corporation of America. Radio receiver. 2,133,808; Oct. 18.
Carpenter, Arthur W., New York, assignor to United Research Corporation, Long Island City, N. Y. Optical reduction printer. 2,133,537; Oct. 18.
Carter, Leslie F. (See Anscott, W., and Carter.)
Carter, Leslie F., Leonia, N. J., and W. Anscott, Woodhaven, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyrovertical. 2,133,809; Oct. 18.
Castro, Cesar A., New York, N. Y. Picture transmitter. 2,133,844; Oct. 18.
Celanese Corporation of America. (See Dickie, W. A., and Moncrieff, assignors.)
Celanese Corporation of America. (See Martin, Herbert E., assignor.)
Celanese Corporation of America. (See Olpin, H. C., and Ellis, assignors.)
Celluloid Corporation. (See Shuman, Royal L., assignor.)
Central Commercial Company. (See Teetor, Paul, assignor.)
Central Metallic Casket Co. (See Larson, Raymond, assignor.)
Challenge Machinery Company, The. (See Barney, Freeman, assignor.)
Chamberlain, Leonard C. (See Grebe, J. J., and Chamberlain.)
Chandler, Daniel L., Somerville, assignor to Aresee Company Inc., Salem, Mass. Automobile window sash lock. 2,133,426; Oct. 18.
Chaoul, Henri, Berlin, Germany. Method of and apparatus for making radiographs of body layers. 2,133,738; Oct. 18.
Chase Brass & Copper Co. (See Crampton, D. K., and Mitchell, assignors.)
Chase, Henry H. (See Holmes, C. H., and Chase.)
Chaslyn Company, The. (See Linebarger, Charles E. and C. E., Jr., assignors.)
Chicago Cardboard Company. (See Ziemmerman, Henry, assignor.)
Chrysler Corporation. (See Breer, Carl, assignor.)
Chrysler Corporation. (See Cousino, Walter P., assignor.)
Chryst, William A. (See Rossman, E. F., Chryst, and Bates.)
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening parts by self-piercing means. 2,133,916; Oct. 18.
Cinch Manufacturing Corporation. (See Pool, Esson J., assignor.)
Clark, Donald E. (See Mansfield, N., and Clark.)
Clean-Rite-Tween Toothbrush Co. (See Jones, Fred A., assignor.)
Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preserving rubber. 2,133,779; Oct. 18.
Clifton, Reginald J., Glendale, Calif., assignor to The Texas Company, New York, N. Y. Plug for closing holes made in measuring thickness. 2,133,917; Oct. 18.
Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Draining oil well tubing. 2,133,272; Oct. 18.
Coburn, Kathryn M., Albany, N. Y. Winding device. 2,133,281; Oct. 18.
Collins, Douglas, Salisbury, N. C. Clutch. 2,133,739; Oct. 18.
Collins Radio Company. (See Wirkler, Walter H., assignor.)
Colson, Roger L., Glendale, Calif., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Shuttlecock. 2,133,684; Oct. 18.
Combustion Engineering Company. (See Jackson, George P., assignor.)
Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann. (See Kopp, Georges, assignor.)
Condon, Edward T., New York, N. Y. Luggage rack for automobiles. 2,133,427; Oct. 18.
Congoleum-Nairn, Inc. (See Beegle, F. M., and Andrews, assignors.)
Congoleum-Nairn, Inc. (See Bonney, R. D., and Egge, assignors.)
Conn, C. G., Ltd. (See Loomis, Allen, assignor.)
Cook, Alton A., Glen Ridge, and S. V. Valjavec, Dumont, N. J., assignors to Arkansas Company, Inc., New York, N. Y. Preparation of alkylated aromatic sulphonic acids. 2,133,282; Oct. 18.
Cooke, Maurice B., Plainfield, N. J. Thermal treatment of hydrocarbons. 2,133,344; Oct. 18.
Corn Products Refining Company. (See Kelling, Alfred H., assignor.)
Corn Products Refining Company. (See Stanger, O. C., and Thompson, assignors.)
Corn Products Refining Company. (See Swallen, Lloyd C., assignor.)
Corning Glass Works. (See Brink, Harold T., assignor.)
Corning Glass Works. (See Goodrich, Levi F., assignor.)
Corning Glass Works. (See Gray, David E., assignor.)
Corning Glass Works. (See Hostetter, J. C., and Littleton, assignors.)
Corning Glass Works. (See Lebby, States L., assignor.)
Coughlin, Frank R., Flushing, and P. V. Coughlin, Crestwood, N. Y. Removing metallic plating from a carrier band. 2,133,685; Oct. 18.
Coughlin, Paul V. (See Coughlin, Frank R. and P. V.)
Cousino, Walter P., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Cushion unit forming apparatus. 2,133,428; Oct. 18.
Cox, Irvin W., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Magnetogenerator. 2,133,686; Oct. 18.
Cox, John L. (See Ericsson, G., and Cox.)
Cox, Leslie R., Lyndhurst, N. J., and D. M. Terry, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control circuit. 2,133,429; Oct. 18.
Cox, Raymond E., Corona, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Altering the setting time of pectin. 2,133,273; Oct. 18.
Cox, Samuel F. (See Howse, C. L., Brelsford, Cox, and Thomas.)
Cox, Willard R., St. Louis, Mo., and M. M. Morris, and W. L. Pierce, Venice, Ill. Dispensing device. 2,133,430; Oct. 18.
Craft, Leslie G., Oklahoma City, Okla. Knitting needle. 2,133,431; Oct. 18.
Craigue, Norman A., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of cellulosic structures. 2,133,810; Oct. 18.

Crampton, Donald K., Marion, and N. W. Mitchell, assignors to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Corrosion resistant tubular article. 2,133,845; Oct. 18.
Crampton, Donald K., Marion, and N. W. Mitchell, assignors to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Corrosion resistant tubular article. 2,133,847; Oct. 18.
Crampton, Donald K., and N. W. Mitchell, Marion, assignors to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Corrosion resistant tubular article. 2,133,848; Oct. 18.
Crawford, H. G., et al. (See Brown, Glinn R., assignor.)
Crawford, J. E., et al. (See Brown, Glinn R., assignor.)
Crosley, Powel, Jr., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Canopy and construction pertaining thereto. 2,133,846; Oct. 18.
Crosley Radio Corporation, The. (See Crosley, Powel, Jr., assignor.)
Cullman, Philipp A., New York, N. Y., assignor, by mesne assignments, to United States Holding Corporation. Street light. 2,133,377; Oct. 18.
Cullman, Philipp A., New York, N. Y., assignor, by mesne assignments, to United States Holding Corporation. Lighting unit. 2,133,378; Oct. 18.
Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of threads from solutions of materials. 2,133,322; Oct. 18.
Cutler-Hammer, Inc. (See Krieger, Alvin W., assignor.)
Daley, Eugene G., assignor to Chas. E. Francis Co., Rushville, Ind. Coating machine. 2,133,933; Oct. 18.
Dandini, Alessandro, San Francisco, Calif. Aircraft. 2,133,283; Oct. 18.
Dansk Crown-Cork Fabrik ved Aage Weybye-Lassen. (See Pedersen, Gunner F. M., assignor.)
Darling, Frank L., New York, N. Y. Hydraulic brake holding apparatus. 2,133,538; Oct. 18.
Darling, Frank L., New York, N. Y. Brake holding apparatus. 2,133,891; Oct. 18.
Davies, Stanley B., assignor to Royer Foundry and Machine Co., Kingston, Pa. Sand conditioning apparatus. 2,133,379; Oct. 18.
Davis Emergency Equipment Company. (See Davis, Frank R., assignor.)
Davis, Frank R., Scarsdale, assignor to Davis Emergency Equipment Company, Incorporated, New York, N. Y. Respiratory appliance. 2,133,345; Oct. 18.
Davis, Howard C., Elizabeth, N. J. Heat exchanger. 2,133,319; Oct. 18.
Davis, Hubert E. (See Johnson, R. W., and Davis.)
Dawson, Clifford C., assignor to Dawson Manufacturing Company, Oakland, Calif. Holder for cans and the like. 2,133,320; Oct. 18.
Dawson Manufacturing Company. (See Dawson, Clifford C., assignor.)
Deardorff, Ralph W., Portland, Oreg., assignor to American Telephone and Telegraph Company. Communication system. 2,133,380; Oct. 18.
Deinet, Joseph, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the pyrazolanthrone series. 2,133,432; Oct. 18.
Deitz, Louis S., Jr., Metuchan, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Purification of lead. 2,133,433; Oct. 18.
De Kok, Willem J. C. (See Waterman, H. I., Leendertse, and de Kok.)
Delbord, Yvon, Paris, France, assignor to General Electric Company. Tuning receiving systems. 2,133,849; Oct. 18.
Demontvignier, Marcel, assignor to Hewittic (Societe Anonyme), Suresnes, France. Arrangement for controlling the control electrodes of ionized vapor valves. 2,133,850; Oct. 18.
Denton, Ira B., Mosca, Colo. Convertible vehicle seat. 2,133,539; Oct. 18.
Denton, Joseph A., Milwaukee, Wis. Tie puller. 2,133,851; Oct. 18.
Depew, Charles, Oakland, N. J., and V. L. Ronci, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 2,133,434; Oct. 18.
Dettwyler, William, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,133,274; Oct. 18.
Devaux, Paul, Maromme, France. Drawing and retention mechanism for preparing and spinning machines. 2,133,657; Oct. 18.
Diamond Paper and Box Co. (See Stopper, Charles A., assignor.)
Diamond Power Specialty Corporation. (See Howse, C. L., Brelsford, Cox, and Thomas, assignors.)
Dickie, William A., and R. W. Moncrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile thread and fabric. 2,133,435; Oct. 18.
Diesbach, Fritz G., et al., trustees. (See Waechter, Harry J., assignor.)
Diller, Alvin L., and F. F. Olson, Belmont, assignors to Hood Rubber Company, Inc., Watertown, Mass. Applying coatings to parts of rubber articles. 2,133,346; Oct. 18.
Dillhoefer, Henry M., Cleveland Heights, Ohio. Container. 2,133,852; Oct. 18.
Dinesen, Laurits, Minneapolis, Minn. Fire hose nozzle. 2,133,436; Oct. 18.
Di Ruscio, Guy, et al. (See Fortuna, Frank, assignor.)
Dittmer, Arthur F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Contact lens. 2,133,498; Oct. 18.
Ditto, Incorporated. (See Morrison, Robert F., assignor.)
Dodds, Edwin M., Watford, England. Apparatus for indicating the variation of one quantity relatively to another quantity. 2,133,437; Oct. 18.
Dolan, David J., Cleveland Heights, Ohio. Bubble producing and display means. 2,133,499; Oct. 18.
Donnell, Don R., Los Angeles, Calif. Printing press attachment. 2,133,658; Oct. 18.
Donnelley, Elliott, assignor to Scale Models, Inc., Chicago, Ill. Model track. 2,133,500; Oct. 18.
Donohoue, Stephen E., Charleston, W. Va. Combined table and aquarium. 2,133,740; Oct. 18.
Dootson, Norman L., San Francisco, assignor of one-half to C. W. Bassett, Antioch, Calif. Razor blade sharpener. 2,133,284; Oct. 18.
Doriot, William F., Chicago, Ill. Automatic antiskid mechanism. 2,133,659; Oct. 18.
Douglas Aircraft Company. (See Guerin, Henry E., assignor.)
Douglas Aircraft Company. (See Opperman, Otto F., assignor.)
Dow Chemical Company, The. (See Grebe, J. J., and Chamberlain, assignors.)
Dow Chemical Company, The. (See Rosett, Walter, assignor.)
Dow, Dewey M., and L. H. Latta, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,133,741; Oct. 18.
Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 2,133,687; Oct. 18.
Drane, Philip B., Tulsa, Okla. Relief valve. 2,133,381; Oct. 18.
Draper Corporation. (See Brown, Carl D., assignor.)
Dudley Lock Corporation. (See Bell, Dillwyn M., assignor.)
Du Mond, Jesse W. M., Pasadena, Calif. X-ray generating device. 2,133,606; Oct. 18.
Dunmore, Francis W., Washington, D. C., assignor to the Government of the United States of America, as represented by the Secretary of Commerce. Radio system for automatic control of aircraft, as during landing. 2,133,285; Oct. 18.
Duplex Printing Press Company. (See Mars, T. H., and Behrens, assignors.)
Du Pont, E. I., de Nemours & Company. (See Brown, Charles N., assignor.)
Du Pont, E. I., de Nemours & Company. (See Craigue, Norman A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Cupery, Martin E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Deinet, Joseph, assignor.)
Du Pont, E. I., de Nemours & Company. (See Dettwyler, William, assignor.)
Du Pont, E. I., de Nemours & Company. (See Parker, Harold H., assignor.)
Du Pont Film Manufacturing Corporation. (See Middleton, E. B., and Jennings, assignors.)
Durite Plastics, Incorporated. (See Novotny, Emil E., assignor.)
Eagle Pencil Company. (See Hanle, Benjamin W., assignor.)
Eccles, William E., assignor to The Josten Manufacturing Company, Owatonna, Minn. Making bimetallic finger rings. 2,133,918; Oct. 18.
Eck, Frank, New York, N. Y. Racking mechanism for knitting machines. 2,133,688; Oct. 18.
Eckert, Wilhelm, and K. Schilling, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Chromable dyestuffs of the triarylmethane series and preparing them. 2,133,780; Oct. 18.
Eckl, Karl, and O. Malterer, Munich, Germany; said Malterer assignor to said Eckl. Overhead wire clamp. 2,133,660; Oct. 18.
Eclipse Aviation Corporation. (See Smith, Wesley L., assignor.)
Edy, William C., Geneva, Ohio. Printer's tool. 2,133,501; Oct. 18.
Eger, Ernst, Grosse Pointe Park, Mich., assignor to United States Rubber Products, Inc., New York, N. Y. Apparatus for slitting tire treads. 2,133,438; Oct. 18.
Egge, Walter S. (See Bonney, R. D., and Egge.)
Egry Register Company, The. (See Wyrick, Clayton E., assignor.)
Ehrich & Graetz, Aktiengesellschaft. (See Lahde, Hermann, assignor.)
Ehrlich, Joseph C., New York, N. Y. Microprojecting apparatus. 2,133,321; Oct. 18.
Ehrlich, William, assignor of forty-five per cent to A. J. Fihe, Chicago, Ill. Article container and stand. 2,133,607; Oct. 18.
Eldred, Harlow R., et al. (See Johanson, Adolph T., assignor.)
Electric and Musical Industries Limited. (See Browne, Cecil O., assignor.)
Electric Furnace-Man, Inc. (See Hall, C. H., and Hilder, assignors.)

Electric Machinery Manufacturing Company. (See Swanson, Edwin W., assignor.)
Ellis, Carleton, Montclair, N. J., assignor, by mesne assignments, to Plaskon Company Incorporated, New York, N. Y. Urea aldehyde molding compositions containing a latent curing catalyst. 2,133,689; Oct. 18.
Ellis, George H. (See Olpin, H. C., and Ellis.)
Elysian Spring Water & Bottling Company. (See Willets, William C., assignor.)
Emanueli, Luigi, assignor to Societa Italiana Pirelli, Milan, Italy. High tension electric cable. 2,133,382; Oct. 18.
Emmons, Willard O., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Radiator fin structure. 2,133,502; Oct. 18.
Engel, Georg, Berlin-Reinickendorf, and A. Winter, assignors to Rheinmetall-Borsig Aktiengesellschaft, Dusseldorf, Germany. Automatic firearm. 2,133,661; Oct. 18.
Engelken, Richard C., Clifton, N. J., assignor to Kliegl Bros. Universal Electric Stage Lighting Co., Inc., New York, N. Y. Color screen control. 2,133,608; Oct. 18.
Engert, Caspar F., assignor to Foster Products, Inc., Chicago, Ill. Supporting unit. 2,133,915; Oct. 18.
Engineering Laboratories, Inc. (See Neufeld, Jacob, assignor.)
Epstein, Albert K., and B. R. Harris, Chicago, Ill; said Epstein assignor to said Harris. Rubber and making the same. 2,133,690; Oct. 18.
Ericsson, Gunnar, Philadelphia, and J. L. Cox, Springfield Township, Montgomery County, assignors to The Midvale Company, Philadelphia, Pa. Closure for pressure vessels. 2,133,934; Oct. 18.
Erwin, Weldon C., and C. H. Sweet, Brea, assignors to J. Grant, Los Angeles, Calif. Well tool. 2,133,383; Oct. 18.
Essex Rubber Company. (See Oakley, Laurence M., assignor.)
Eustis, Warner, Newton, assignor to The Kendall Company, Walpole, Mass. Surgical dressing. 2,133,609; Oct. 18.
Ewing, Frederick J., Pasadena, assignor to Union Oil Company of California, Los Angeles, Calif. Purifying naphthenic acids. 2,133,765; Oct. 18.
Ewing, Frederick J., Pasadena, assignor to Union Oil Company of California, Los Angeles, Calif. Purification of naphthenic acids. 2,133,766; Oct. 18.
Fairbairn, George C. (See Ransom, S. H., Jr., and Fairbairn.)
Fausett, Floyd, assignor to Supreme Instruments Corporation, Greenwood, Miss. Tube testing apparatus. 2,133,610; Oct. 18.
Fawkes, Charles E. (See Wilson, W. C., and Fawkes.)
Fechner, Fritz W. (See Wussow, R., and Fechner.)
Fedders Manufacturing Company. (See Smith, Lawrence C., assignor.)
Fedders Manufacturing Company. (See Whistler, L. V., Saabye, and Tingler, assignors.)
Fedeler, John H., New York, N. Y. Filing and display case. 2,133,347; Oct. 18.
Feige, Gustav, Des Moines, Iowa. Propeller. 2,133,853; Oct. 18.
Feiler, Paul. (See Winkler, F., and Feiler.)
Feinberg, Joseph H. (See Lubow, George M., assignor.)
Ferenci, Lester, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Cooled delivery for wrapping machines. 2,133,348; Oct. 18.
Ferenci, Lester, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Bread wrapping machine. 2,133,503; Oct. 18.
Fihe, Albert J. (See Ehrlich, William, assignor.)
Filatex Corporation. (See Kratz, George D., assignor.)
Finch, William G. H., New York, N. Y. Automatic printing telegraphy system. 2,133,811; Oct. 18.
Fischer, Albert C., Chicago, Ill. Apparatus for making composition strips. 2,133,441; Oct. 18.
Fischer, Albert C., Chicago, Ill. Roofing. 2,133,854; Oct. 18.
Fisher, Donald, Elizabeth, and G. B. Parker, East Orange, N. J., assignors to American Telephone and Telegraph Company. System and method for identification of conductors in cables. 2,133,384; Oct. 18.
Fiske, Augustus H., Warren, assignor to Rumford Chemical Works, Rumford, R. I. Acid calcium tetraphosphate and making the same. 2,133,286; Oct. 18.
Flanagan, William E. (See Nichols, J. A., and Flanagan.)
Fleischhauer, Richard. Frankfort-on-the-Main, Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Monoazo dyestuffs. 2,133,439; Oct. 18.
Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Alkyl phenol compounds. 2,133,287; Oct. 18.
Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Dyeing. 2,133,288; Oct. 18.
Food Machinery Corporation. (See Sharma, Jagan N., assignor.)
Forbes, John S., assignor to Kerotest Manufacturing Company, Pittsburgh, Pa. Forged valve body and making same. 2,133,742; Oct. 18.
Forton, Harold R., Detroit, Mich. Metalizing spray gun. 2,133,504; Oct. 18.
Fortuna, Frank, assignor of one-third to G. Di Ruscio, and one-third to D. Guarino, Niagara Falls, N. Y. Whistle. 2,133,440; Oct. 18.
Francis, Alfred W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Refining of oils. 2,133,691; Oct. 18.
Francis, Chas. E., Co. (See Daley, Eugene G., assignor.)
Fraser, Lewis H. D., Sheffield, Ala. Anodic oxidation of ferro-phosphorus. 2,133,289; Oct. 18.
Fraser, Lewis H. D., Sheffield, Ala. Anodic oxidation of ferro-phosphorus. 2,133,290; Oct. 18.
Freeman, Antony P., San Francisco, Calif. X-ray grid and making same. 2,133,385; Oct. 18.
Freund, Morris, Cleveland, assignor of one-half to J. Kronheim, Shaker Heights, Ohio, and one-half to J. C. Lincoln, Scottsdale, Ariz. Wire spring for cushioned seats of vehicles. 2,133,611; Oct. 18.
Friedmann, Albert, Wyomissing, Pa., assignor to Louis Hirsch Textile Machines, Inc., New York, N. Y. Knitted fabric and knitting the same. 2,133,323; Oct. 18.
Fries, Eduard, Oerlikon, Switzerland. Alternating current arc-welding transformer. 2,133,919; Oct. 18.
Fulford, G. T., Company Limited. (See Baker, Richard O., assignor.)
Fyler, George W., Stratford, Conn., assignor to General Electric Company. Antenna system for motor vehicles. 2,133,855; Oct. 18.
Gallivan, John E., Champaign, assignor to Automotive Maintenance Machinery Co., Chicago, Ill. Valve seat grinding tool. 2,133,612; Oct. 18.
Galloway, Clarence T., assignor to Gleason Works, Rochester, N. Y. Gear grinding machine. 2,133,386; Oct. 18.
Gallucci, Antonio. (See Arato, V., and Gallucci.)
Gardiner, George W., Los Angeles, Calif. Closure control. 2,133,614; Oct. 18.
Gardner, Edward M., assignor to S. J. Gardner Foundry & Machine Co., Incorporated, New Albany, Ind. Drilling machine. 2,133,613; Oct. 18.
Gardner, S. J., Foundry & Machine Co. (See Gardner, Edward M., assignor.)
Gelinski, Paul, Chicago, Ill. C-clamp type hand tool. 2,133,892; Oct. 18.
Gellman, Abraham, New York, N. Y. Clamp screw and nut for a tucking knife. 2,133,812; Oct. 18.
Gemmer, Ralph W. (See Blau, L. W., and Gemmer.)
General Aniline Works, Inc. (See Benade, Walther, assignor.)
General Aniline Works, Inc. (See Bienert, Berthold, assignor.)
General Aniline Works, Inc. (See Eckert, W., and Schilling, assignors.)
General Aniline Works, Inc. (See Fleischhauer, Richard, assignor.)
General Aniline Works, Inc. (See Hagge, W., and Haagen, assignors.)
General Aniline Works, Inc. (See Hoffmann, O., and Lange, assignors.)
General Aniline Works, Inc. (See Schweitzer, Hugo, assignor.)
General Electric Company. (See Abbott, Charles C., assignor.)
General Electric Company. (See Bailey, Richard W., assignor.)
General Electric Company. (See Delbord, Yvon, assignor.)
General Electric Company. (See Fyler, George W., assignor.)
General Electric Company. (See Hamacher, Fritz, assignor.)
General Electric Company. (See Harty, Edgar A., assignor.)
General Electric Company. (See Hill, George S., assignor.)
General Electric Company. (See Knoderer, Homer G., assignor.)
General Electric Company. (See Lucas, George, assignor.)
General Electric Company. (See Nordlander, B. W., and Agins, assignors.)
General Electric Company. (See Roessler, Edward W., assignor.)
General Electric Company. (See Sheals, Vincent A., assignor.)
General Electric Company. (See Steenstrup, Carl H., assignor.)
General Electric Company. (See Suits, Chauncey G., assignor.)
General Electric Company. (See Thearle, Ernest L., assignor.)
General Motors Corporation. (See Arthur, James L., assignor.)
General Motors Corporation. (See Blomberg, Martin P., assignor.)
General Motors Corporation. (See Boegehold, Alfred L., assignor.)
General Motors Corporation. (See Emmons, Willard O., assignor.)
General Motors Corporation. (See Hallett, George E. A., assignor.)
General Motors Corporation. (See Holmes, John R., assignor.)
General Motors Corporation. (See McCormack, Alex A., assignor.)
General Motors Corporation. (See Parker, Leslie O., assignor.)

General Motors Corporation. (See Reeves, Donald H., assignor.)
General Motors Corporation. (See Rosenberg, Philip S., assignor.)
General Motors Corporation. (See Rossman, E. F., Chryst, and Bates, assignors.)
General Motors Corporation. (See Schjolin, Eric O., assignor.)
General Motors Corporation. (See Taub, Alex, assignor.)
General Motors Corporation. (See Waterbury, Ronald J., assignor.)
Gerhard, Ernst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultra-short wave receiving system. 2,133,615; Oct. 18.
Gerrans, William L., Jr., Santa Clara County, Calif. Tray loading device. 2,133,442; Oct. 18.
Giese, Henry, Ames, Iowa. Spark arrester. 2,133,506; Oct. 18.
Gilien, George A., New York, N. Y. Fuel injection pump. 2,133,813; Oct. 18.
Girl, Christian, assignor to Kelch Heater Company, Detroit, Mich. Knee rest for automobiles. 2,133,443; Oct. 18.
Girling, Albert H. G. (See Pratt, J. H., Manley, and Girling.)
Githens, Otto W., and G. Kende, New York, and E. M. Porter, Brooklyn, assignors, by mesne assignments, to Universal Camera Corporation, New York, N. Y. Motion picture camera. 2,133,743; Oct. 18.
Gittings, William L., and N. N. Brown, assignors to Gold Medal Folding Furniture Company, Racine, Wis. Litter. 2,133,692; Oct. 18.
Glasner, Rudolph W., and E. K. Johansen, Chicago, Ill.; said Johansen assignor to said Glasner. Press. 2,133,444; Oct. 18.
Gleason Works. (See Galloway, Clarence T., assignor.)
Godsey, Frank W., Jr., assignor to Sprague Specialties Company, North Adams, Mass. Electrical condenser. 2,133,744; Oct. 18.
Goessling, Gerald A., St. Louis, Mo. Controlling size of printed impressions on cylindrical surfaces. 2,133,920; Oct. 18.
Gold Medal Folding Furniture Company. (See Gittings, W. L., and Brown, assignors.)
Goodrich, B. F., Company, The. (See Jones, Paul C., assignor.)
Goodrich, Levi F., assignor to Corning Glass Works, Corning, N. Y. Glassworking press. 2,133,767; Oct. 18.
Gordon, Frederick F., Sheffield, England. Manufacture of compound metal bodies. 2,133,291; Oct. 18.
Gordon, Frederick F., Sheffield, England. Compound metal bodies. 2,133,292; Oct. 18.
Gordon, Frederick F., Sheffield, England. Manufacture of compound metal bodies. 2,133,293; Oct. 18.
Gordon, Frederick F., Sheffield, England. Manufacture of compound metal bodies. 2,133,294; Oct. 18.
Gottwald, Christian, Cleveland Heights, assignor to The Ric-wiL Company, Cleveland, Ohio. Conduit. 2,133,731; Oct. 18.
Government of the United States of America, as represented by the Secretary of Commerce. (See Dunmore, Francis W., assignor.)
Grant, John. (See Erwin, W. C., and Sweet, assignors.)
Gray, David E., assignor to Corning Glass Works, Corning, N. Y. Method of and apparatus for drawing glass. 2,133,662; Oct. 18.
Gray, Emmet P., Detroit, Mich. Combined muffler and heater. 2,133,349; Oct. 18.
Great Western Electro-Chemical Company. (See Hirschkind, Wilhelm, assignor.)
Grebe, John J., and L. C. Chamberlain, assignors to The Dow Chemical Company, Midland, Mich. Recovering bromine. 2,133,616; Oct. 18.
Green, Frederick M., Sacramento, Calif. Shirt. 2,133,505; Oct. 18.
Greider, Harold W., Wyoming, and M. F. Smith, Cincinnati, Ohio, assignors to The Philip Carey Manufacturing Company. Coagulating rubber upon fibers. 2,133,693; Oct. 18.
Greider, Harold W., Wyoming, and M. F. Smith, Cincinnati, Ohio, assignors to The Philip Carey Manufacturing Company. Making fibrous material. 2,133,694; Oct. 18.
Greist Manufacturing Company, The. (See Hinman, George L., assignor.)
Guarino, Domenica, et al. (See Fortuna, Frank, assignor.)
Guerin, Henry E., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Cutting and forming sheet material. 2,133,445; Oct. 18.
Guild, Archibald T., Saratoga Springs, assignor to Van Raalte Company, North Tonawanda, N. Y. Warp tensioning control. 2,133,507; Oct. 18.
Gundelfinger, William E., assignor to Knapp-Monarch Company, St. Louis, Mo. Electric stove construction. 2,133,508; Oct. 18.
Guthrie, Andrew J., assignor of three-quarters to O. J. Bartlett and J. O. Bledsoe, St. Albans, W. Va. Commodity transporting and cooling device. 2,133,856; Oct. 18.
Gwaltney, Eugene C., assignor to Bibb Manufacturing Company, Macon, Ga. Apparatus for impregnating yarns and the like. 2,133,446; Oct. 18.
Haagen, Karl. (See Hagge, W., and Haagen.)
Hagge, Walter, Wolfen, kreis Bitterfeld and K. Haagen, Dessau in Anhalt, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Sulphur dyes of 3,4,5,6-Dibenzocarbazole. 2,133,350; Oct. 18.
Halford, Lillian, et al. (See Bennett, Dennis H., assignor.)
Hall, Cortice H., Glen Rock, and F. L. Hilder, Clifton, N. J., assignors, by mesne assignments, to Electric Furnace-Man, Inc., New York, N. Y. Burner. 2,133,447; Oct. 18.
Hall, Eric E., Chicago, Ill. Golf club grip. 2,133,695; Oct. 18.
Hall, Eric E., Chicago, Ill. Grip for golf clubs or the like. 2,133,696; Oct. 18.
Hall, Leigh B., and H. F. Kurtz, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope. 2,133,509; Oct. 18.
Hall & McChesney, Inc. (See Baule, Gerhard H. J., assignor.)
Hallett, George E. A., assignor to General Motors Corporation, Detroit, Mich. U-type two-cycle engine. 2,133,510; Oct. 18.
Halligan, Clair W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,133,814; Oct. 18.
Hamacher, Fritz, Berlin-Spandau, Germany, assignor to General Electric Company. Electric valve circuit. 2,133,857; Oct. 18.
Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company, New York, N. Y. Fountain pen. 2,133,617; Oct. 18.
Hansen, Birkelund, San Francisco, Calif. Door stop. 2,133,351; Oct. 18.
Hansen, Birkelund, San Francisco, Calif. Valve lifter or valve puller. 2,133,697; Oct. 18.
Harley, Joseph J., Tenafly, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Joint for electrical conductors. 2,133,448; Oct. 18.
Harrington, Alfred. (See Bagshaw, C. M., and Harrington.)
Harris, Benjamin R. (See Epstein, A. K., and Harris.)
Harris, Leonard B. (See Berman, P., and Harris.)
Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phonograph reproducer. 2,133,815; Oct. 18.
Hartford Empire Company. (See Merrill, Donald G., assignor.)
Harty, Edgar A., assignor to General Electric Company, Marblehead, Mass. Copper oxide rectifying element. 2,133,745; Oct. 18.
Harvey, William D., and L. C. Marshall; said Marshall assignor to J. D. Woods, Nocona, Tex. Rod line pick-up tool. 2,133,893; Oct. 18.
Hathorn, Clarence J., St. Marys, Pa., assignor to The Stackpole Carbon Company. Snap switch. 2,133,858; Oct. 18.
Haug, Anton J., Nashua, N. H. Machine for use in the preparation of paper stock. 2,133,449; Oct. 18.
Hawgood, Harvey R., Cleveland, Ohio. Game apparatus. 2,133,746; Oct. 18.
Hawley, George W., Westport, assignor to L. J. Padula, doing business as Allied Medical & Orthopedic Supply Co., Norwalk, Conn. Bone setting. 2,133,859; Oct. 18.
Heald Machine Company, The. (See Berard, H. R., and McKeon, assignors.)
Heath, Walter N. (See Wilson, H. D., and Heath.)
Heffelfinger, Glenn B. (See Shelton, D. J., Jacoby, and Heffelfinger.)
Hegrat, Milo F., Berwyn, Ill. Cigarette making device. 2,133,695; Oct. 18.
Heidbrink, Jay A., Minneapolis, Minn., assignor to The Ohio Chemical and Manufacturing Company, Cleveland, Ohio. Inhaler. 2,133,699; Oct. 18.
Heil, Norman E., Ridgewood, N. J. Wick for liquid fuel burners. 2,133,450; Oct. 18.
eHinlein, George L., Hamilton, Ohio. Threshing machine cylinder. 2,133,451; Oct. 18.
Heintz, Ralph M., Palo Alto, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Direct current relay. 2,133,511; Oct. 18.
Heltzel, Joseph W., Warren, Ohio. Expansion joint. 2,133,387; Oct. 18.
Henderson, George E., Wilmington, Ohio. Stock watering tank heater. 2,133,388; Oct. 18.
Herge, Frank, Malinta, Ohio. Power driven lawn mower. 2,133,512; Oct. 18.
Hewittic (Societe Anonyme). (See Demontvignier, Marcel, assignor.)
Hewlett, Amiot P., Cranford, N. J., assignor to Standard Oil Development Company. Refining hydrocarbon distillate oils with boron fluoride. 2,133,452; Oct. 18.
Hickory Chair Manufacturing Company. (See Hunter, Arthur C., assignor.)
Higgins, Joseph E., Grand Island, Nebr. Sheet-pinning machine. 2,133,681; Oct. 18.
Hilder, Frederick L. (See Hall, C. H., and Hilder.)
Hill, George S., Erie, Pa., assignor to General Electric Company. Freezing tray for refrigerators. 2,133,860; Oct. 18.

Hinman, George L., assignor to The Greist Manufacturing Company, New Haven, Conn. Narrow hemmer attachment for sewing machines. 2,133,700; Oct. 18.
Hirsch, Louis, Textile Machines, Inc. (See Friedmann, Albert, assignor.)
Hirschkind, Wilhelm, Berkeley, Calif., assignor to Great Western Electro-Chemical Company. Making ammonium chloride. 2,133,513; Oct. 18.
Hoban, Fairfield W., assignor to Stewart & McGuire, Inc., New York, N. Y. Dispensing machine. 2,133,453; Oct. 18.
Hodgins, Theodore S., assignor to H. Reichhold, doing business as Reichhold Chemicals, Detroit, Mich. Improving drying properties of oils. 2,133,894; Oct. 18.
Hoffmann, Otto, and H. Lange, Dessau in Anhalt, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 1'-chloro-1-methyl-5-nitronaphthalene and manufacturing the same. 2,133,389; Oct. 18.
Hollenbeck, Ernest L., Los Angeles, Calif. Fountain brush and tube holder. 2,133,295; Oct. 18.
Holmes, Charles H., Los Angeles, and H. H. Chase, Glendale, Calif. Carton. 2,133,701; Oct. 18.
Holmes, John R., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Engine cooling system. 2,133,514; Oct. 18.
Holo-Krome Screw Corporation, The. (See Purtell, William A., assignor.)
Holst, Poul F. G., Audubon, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Tone control system. 2,133,816; Oct. 18.
Holzknecht, Felix, Vancouver, British Columbia, Canada, assignor of five per cent to J. Morisi, Washington, D. C. Tie support. 2,133,296; Oct. 18.
Hood Rubber Company. (See Diller, A. L., and Olson, assignors.)
Hoover, Kenneth H., Terre Haute, Ind., assignor to Association of American Soap & Glycerine Producers, Inc., New York, N. Y. Condensation composition and preparing same. 2,133,702; Oct. 18.
Hopper, Basil, and K. Kingman, Palos Verdes Estates, assignors to Union Oil Company of California, Los Angeles, Calif. Operating dewaxing systems. 2,133,618; Oct. 18.
Horder's Incorporated. (See Lowey, Roy E., assignor.)
Horton, Charles W., Jr., Greensboro, N. C. Game apparatus. 2,133,515; Oct. 18.
Hosdowich, John M., Waterbury, Conn., assignor to United Chromium, Incorporated, New York, N. Y. Barrel plating apparatus. 2,133,324; Oct. 18.
Hostetter, John C., West Hartford, Conn., and J. T. Littleton, Corning, assignors to Corning Glass Works, Corning, N. Y. Insulator. 2,133,768; Oct. 18.
Howse, Curtis L., Detroit, H. E. Brelsford, Birmingham, S. F. Cox and W. P. Thomas, Highland Park, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Fluid treating apparatus. 2,133,819; Oct. 18.
Hubbell, Jesse P., Fanwood, N. J. Liquid dispensing apparatus. 2,133,817; Oct. 18.
Huebner, William C., New York, N. Y. Coating machine. 2,133,516; Oct. 18.
Huebner, William C., New York, N. Y. Coating apparatus. 2,133,517; Oct. 18.
Huebner, William C., New York, N. Y. Vacuum holder. 2,133,518; Oct. 18.
Hulse, George E., New Haven, assignor of one-half to R. S. Blair, Stamford, Conn. Refrigerating apparatus. 2,133,818; Oct. 18.
Hunt, J Harold, assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,133,454; Oct. 18.
Hunter, Alastair P., Orillia, Ontario, and A. E. Pearson, Toronto, Ontario, Canada. Reversible propeller. 2,133,519; Oct. 18.
Hunter, Arthur C., assignor to Hickory Chair Manufacturing Company, Hickory, N. C. Resilient sagless support for upholstered furniture. 2,133,747; Oct. 18.
Huntley, Robert F., assignor to Oswego Falls Corporation, Fulton, N. Y. Hood capping bottles. 2,133,861; Oct. 18.
Hutton, David, assignor to Straus Knitting Mills, St. Paul, Minn. Knitted cap. 2,133,619; Oct. 18.
Huyser, Hendrik W., Hilversum, and J. A. van Meisen, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Manufacture of hydrocarbon polymers. 2,133,732; Oct. 18.
I. G. Farbenindustrie Aktiengesellschaft. (See Schoeller, C., and Nuesslein, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, F., and Feiler, assignors.)
Ihling, Walter E., et al. (See Bennett, Dennis H., assignor.)
Isenberg, Hans D., Chicago, Ill. Making tubular insulation. 2,133,620; Oct. 18.
Jackson, George P., Flushing, assignor to Combustion Engineering Company, Inc., New York, N. Y. Slagging furnace. 2,133,703; Oct. 18.
Jacobs, Fred H., Upland, Calif. Collapsible chair for invalids. 2,133,540; Oct. 18.
Jacobs, Rex C., Detroit, Mich. Adjustable vehicle seat. 2,133,325; Oct. 18.
Jacoby, Benjamin. (See Shelton, D. J., Jacoby, and Heffelfinger.)
Janeček, Rudolf, Prague, Czechoslovakia. Bomb or hand grenade. 2,133,541; Oct. 18.
Jannings, Charles J., Union, Mo. Shoe. 2,133,352; Oct. 18.
Janssen, Bernhard, Philadelphia, Pa. Light shade. 2,133,748; Oct. 18.
Jarl, Carl H. B. (See Reichhold, H., and Jarl.)
Jeffrey Manufacturing Company, The. (See Lemmon, Alexis W., assignor.)
Jennings, Andrew B. (See Middleton, E. B., and Jennings.)
Jensen, Otto H., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Cut-off machine. 2,133,542; Oct. 18.
Johannsen, Otto. (See Röchling, H., and Johannsen.)
Johansen, Einar K. (See Glasner, R. W., and Johansen.)
Johanson, Adolph T., assignor of one-third to N. Anderson, and one-third to H. R. Eldred, Chicago, Ill. Combined domestic water heater. 2,133,326; Oct. 18.
Johnson, Gustav, West Roxbury, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Shelf support. 2,133,781; Oct. 18.
Johnson, Herbert F., Pittsfield, Mass. Gauge pin. 2,133,680; Oct. 18.
Johnson, John A., Woodhaven, N. Y. Apparatus for feeding receptacle closure caps. 2,133,353; Oct. 18.
Johnson, Ralph W., and H. E. Davis, Alton, Ill. Hinge. 2,133,663; Oct. 18.
Johnson, Thomas H., Jackson Heights, assignor to American Bemberg Corporation, New York, N. Y. Warp-knit fabric and making the same. 2,133,935; Oct. 18.
Jollivet, Leon E., Marseille L'Estaque, assignor to Société Minière et Métallurgique de Penarroya, Paris, France. Refining lead which contains bismuth. 2,133,327; Oct. 18.
Jones, Ernest C., Kansas City, Mo. Engine compressor unit. 2,133,769; Oct. 18.
Jones, Fred A., Los Angeles, Calif., assignor to Clean-Between Toothbrush Co., Inc., New York, N. Y. Tooth brush. 2,133,704; Oct. 18.
Jones, Paul C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidants. 2,133,297; Oct. 18.
Josten Manufacturing Company, The. (See Eccles, William E., assignor.)
Juffa, Wilhelm, Ilmenau, Thuringia, Germany. Glass apparatus for chemical laboratories. 2,133,705; Oct. 18.
Julien, Arlie P. (See Keene, P. A., and Julien.)
Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Bobbin winder for sewing machines. 2,133,921; Oct. 18.
Kaufman, Walter F., assignor to Armstrong Cork Company, Lancaster, Pa. Closure and method of making closures. 2,133,298; Oct. 18.
Keene, Paul A., and A. P. Julien, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Production of dense soda ash. 2,133,455; Oct. 18.
Kelch Heater Company. (See Girl, Christian, assignor.)
Kelling, Alfred H., Chicago, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Manufacture of starch. 2,133,543; Oct. 18.
Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Nonslip film printer. 2,133,820; Oct. 18.
Kendall Company, The. (See Eustis, Warner, assignor.)
Kende, George. (See Githens, O. W., Kende, and Porter.)
Kerns, John T., Omaha, Nebr. Vibrating machine. 2,133,862; Oct. 18.
Kerotest Manufacturing Company. (See Forbes, John S., assignor.)
Kingman, Kenneth. (See Hopper, B., and Kingman.)
Kinkead, Fullerton S., Ridgefield Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regenerative telegraph repeater. 2,133,456; Oct. 18.
Klages, Charles H., Brooklyn, N. Y. Tie mounting. 2,133,328; Oct. 18.
Klein, Louis E., Bronx, N. Y. Elevator cab. 2,133,621; Oct. 18.
Kliegl Bros. Universal Electric Stage Lighting Co. (See Engelken, Richard C., assignor.)
Knapp-Monarch Company. (See Gundelfinger, William E. assignor.)
Knapp-Monarch Company. (See Smith, Howard A., assignor.)
Knapp-Monarch Company. (See Vea, Norman D., assignor.)
Knoderer, Homer G., Fairfield, Conn., assignor to General Electric Company. Electric cable. 2,133,863; Oct. 18.
Kolb, John K., Detroit, Mich. Device for examining liquids. 2,133,544; Oct. 18.
Kopp, Georges, Rouen, assignor to Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann, Paris, France. Preparation in an acid medium of chromed dyestuffs and products resulting from this process. 2,133,864; Oct. 18.
Kotcher, Irwin and M., Brooklyn, N. Y. Apparatus for treating cartons with melted wax. 2,133,390; Oct. 18.
Kotcher, Morris. (See Kotcher, Irwin and M.)
Krackowizer, Hermann J., Chicago, Ill. Condensation collector. 2,133,354; Oct. 18.
Kratz, George D., Scarsdale, assignor, by mesne assignments, to Filatex Corporation, New York, N. Y. Method of and new and improved mechanism for producing thread. 2,133,821; Oct. 18.

Kreisler, Jacques, New Rochelle, and A. Szeglin, Hollis, assignors to Jacques Kreisler Sales Corporation, New York, N. Y. Wrist watch and bracelet strap and end connecter therefor. 2,133,546; Oct. 18.

Kreisler, Jacques, Sales Corporation. (See Kreisler, J., and Szeglin, assignors.)

Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,133,545; Oct. 18.

Kronheim, Jacob, et al. (See Freund, Morris, assignor.)

Kühl, Georg W., Helmstedt/Braunschweig, Germany. Softening water. 2,133,895; Oct. 18.

Kurtz, Henry F. (See Hall, L. B., and Kurtz.)

La Bolteaux, Eugene M., Washington, D. C. Mechanical tabulator alphabetical indexing mechanism. 2,133,865; Oct. 18.

La Ducer, Arthur O., assignor to The Wiremold Company, Hartford, Conn. Take-off fitting. 2,133,706; Oct. 18.

Lahde, Hermann, assignor to Ehrich & Graetz, Aktiengesellschaft, Berlin, Germany. Burner for incandescent light. 2,133,707; Oct. 18.

Laliberte, Albert J. (See Meuser, L., Messer, and Laliberte.)

Lambert, Oswald, Tamise, Belgium. Spinning and like textile frame. 2,133,866; Oct. 18.

Lamond, Robert C., assignor to American Engineering Company, Philadelphia, Pa. Hoisting mechanism. 2,133,822; Oct. 18.

Lane, Ernest D. (See Morton, Walter, assignor.)

Lane-Wells Company. (See Bender, John C., assignor.)

Lange, Hans. (See Hoffmann, O., and Lange.)

Larmour, Harry M., and S. C. Pierce, Jr., assignors to Yosemite Portland Cement Corporation, Merced, Calif. Cement process and product. 2,133,622; Oct. 18.

Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Casket hardware. 2,133,547; Oct. 18.

Larson, Swan E., assignor to Geo. D. Roper Corporation, Rockford, Ill. Pump unit. 2,133,708; Oct. 18.

Lasier, David R., assignor to Norton Lasier Company, Chicago, Ill. Door closing and checking device. 2,133,709; Oct. 18.

Laskin, Meyer, Baltimore, Md. Scraper attachment for blowtorches. 2,133,922; Oct. 18.

Lassiter, Rush E., assignor to The Monopower Corporation, Detroit, Mich. Automatic transmission control. 2,133,548; Oct. 18.

Latta, Lynn H. (See Dow, D. M., and Latta.)

Lawson, William C., Enterprise, Fla. Holder. 2,133,896; Oct. 18.

Lebby, States L., assignor to Corning Glass Works, Corning, N. Y. Cover glass. 2,133,664; Oct. 18.

Le Bleu, Charles, Los Angeles, Calif. Bulldozer and the like. 2,133,549; Oct. 18.

Leendertse, Jacob J. (See Waterman, H. I., Leendertse, and de Kok.)

Leigh, Arthur C., Chicago, Ill. Electric razor. 2,133,665; Oct. 18.

Lemmon, Alexis W., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Trolley conveyer. 2,133,391; Oct. 18.

Lemmon, Norman E., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Refining petroleum oils to produce white oils. 2,133,457; Oct. 18.

Lent, Constantine P., New York, N. Y. Electric toaster. 2,133,392; Oct. 18.

Lesage, Alfred, Schweinfurt, Germany. Cooling system for sideboard motors. 2,133,458; Oct. 18.

Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,133,782; Oct. 18.

Lillard, William W., Afton, Okla. Electric lamp. 2,133,299; Oct. 18.

Lincoln, John C., et al. (See Freund, Morris, assignor.)

Linebarger, Charles E. and C. E., Jr., assignors to The Chaslyn Company, Chicago, Ill. Compositions of matter. 2,133,300; Oct. 18.

Linebarger, Charles E., Jr. (See Linebarger, Charles E. and C. E., Jr.)

Linn, William J., Pittsburgh, Pa. Gas mixing device. 2,133,623; Oct. 18.

Liquid Carbonic Corporation, The. (See Wagner, Melvin, assignor.)

Little, Earl W., Indianapolis, Ind. Forming a wire structure. 2,133,550; Oct. 18.

Littleton, Jesse T. (See Hostetter, J. C., and Littleton.)

Livingston, Stanley D., Freeport, N. Y. Printing press. 2,133,459; Oct. 18.

Lockwood, Eugene A., High Point, N. C. Garment manufacture. 2,133,749; Oct. 18.

Logan, Donald G., Shawnee, Okla. Cord reel. 2,133,551; Oct. 18.

Long, Sidney L., Minneapolis, Minn. Duel target. 2,133,552; Oct. 18.

Long, Willard O., Bloomington, Ill. Harrow. 2,133,897; Oct. 18.

Loomis, Allen, assignor to C. G. Conn., Ltd., Elkhart, Ind. Wood-wind instrument. 2,133,624; Oct. 18.

Loomis, Allen, assignor to C. G. Conn, Ltd., Elkhart, Wood-wind instrument. 2,133,625; Oct. 18.

Lord, Chester A., assignor to Universal Form Clamp Co., Chicago, Ill. Dowel support for concrete pavement expansion joints. 2,133,553; Oct. 18.

Losee, Joseph S., Hebron, Ill. Blower structure. 2,133,460; Oct. 18.

Lowey, Roy E., Evanston, assignor to Horder's Incorporated, Chicago, Ill. Box for pencils and the like. 2,133,710; Oct. 18.

Lubow, George M., New York, assignor of one-half to J. H. Feinberg, Flushing, N. Y. Overflow safety device. 2,133,355; Oct. 18.

Lucas, George, Euclid, Ohio, assignor to General Electric Company. Cemented carbide composition. 2,133,867; Oct. 18.

Ludwig, John, Detroit, Mich. Hinge. 2,133,554; Oct. 18.

Lund, John, Limited. (See Scalfe, Joseph D., assignor.)

Lundie Engineering Corporation, The. (See Armstrong, Levi B., assignor.)

Luttbeg, Max B., St. Louis, Mo. Support for accordions. 2,133,356; Oct. 18.

Mac-it-Parts Company. (See Web, Wesley D., assignor.)

Magerstadt, Paul E. (See Myer, J. E., and Magerstadt.)

Malterer, Otto. (See Eckl, K., and Malterer.)

Manley, Gilbert E. (See Pratt, J. H., Manley, and Girling.)

Mansfield, Newton, Ashland, Ohio. Insecticide applicator. 2,133,898; Oct. 18.

Mansfield, Newton, and D. E. Clark, Ashland, Ohio. Insectielde applicator. 2,133,899; Oct. 18.

Marion Steam Shovel Company, The. (See Shelton, D. J., and Jacoby, and Heffelfinger, assignors.)

Maroney, John G., Lacanada, and J. I. Willfong, Montebello, Calif. Compress for steel shavings. 2,133,939; Oct. 18.

Mars, Thomas H., and H. C. Behrens, assignors to Duplex Printing Press Company, Battle Creek, Mich. Hydraulic mat roller. 2,133,750; Oct. 18.

Marshall, Leonard C. (See Harvey, W. D., and Marshall.)

Martin, Herbert E., Cumberland, Md., assignor to Celanese Corporation of America. Insulating compositions. 2,133,301; Oct. 18.

Martinez, Celestino, San Diego, Tex. Air gin. 2,133,900; Oct. 18.

Mayberry, Frederick A., Wichita, Kans. Portable colonic irrigator. 2,133,626; Oct. 18.

Mayfield, Thomas H., Roby, Tex. Sealing device. 2,133,555; Oct. 18.

Mayhew, William R. (See Stamback, Rollo L., assignor.)

Mazer, Jacob, Elkins Park, Pa. Ornamented metal foil. 2,133,357; Oct. 18.

McAbee, Paul C., New York, N. Y. Dry ice converter. 2,133,461; Oct. 18.

McAlister, James S., and E. C. Sherman, Chattanooga, Tenn., assignors to Standard-Coosa-Thatcher Company. Stopping device for yarn winding machines. 2,133,711; Oct. 18.

McCann, Ronald A., Swissvale, and H. S. Young, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,133,627; Oct. 18.

McCarty, Lourdes V., assignor to Automatic Products Company, Milwaukee, Wis. Pan-type constant level device. 2,133,556; Oct. 18.

McClellan, Thomas D., Passaic, N. J. Dye tub. 2,133,823; Oct. 18.

McClew, John W. (See Baker, G. T., and McClew.)

McConnell, Frank L., Springfield, Ill. Clothesline holder. 2,133,936; Oct. 18.

McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,133,358; Oct. 18.

McCormick, Lewis M., Palo Alto, Calif. Arch support, locator, and retainer. 2,133,302; Oct. 18.

McCullough, Ira J., Los Angeles County, Calif. Well pipe cutter. 2,133,628; Oct. 18.

McGlohon, Daniel R., Winton, N. C. Drain cabinet. 2,133,770; Oct. 18.

McKeon, William D. (See Berard, H. R., and McKeon.)

McLane, John T., McKeesport, Pa., assignor to The Sun Rubber Company, Barberton, Ohio. Composite article. 2,133,771; Oct. 18.

McManis, Fred, Houston, Tex. Well packer. 2,133,462; Oct. 18.

McNellie, Charles, Midland, Pa. Article handling device. 2,133,557; Oct. 18.

Meisel, Robert M., Detroit, Mich. Display sign. 2,133,824; Oct. 18.

Merrill, Donald G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for annealing glassware. 2,133,783; Oct. 18.

Merrill, Donald G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for annealing glassware. 2,133,784; Oct. 18.

Messer, William E. (See Meuser, L., Messer, and Laliberte.)

Mestekin, Bernard, Washington, D. C. Fastening device for jewelry. 2,133,901; Oct. 18.

Meuser, Ludwig, Naugatuck, W. E. Messer, Cheshire, and A. J. Lallberte, Naugatuck, Conn., assignors to United States Rubber Products, Inc., New York, N. Y. Manufacture of diaryl arylene diamines. 2,133,825; Oct. 18.

Meyer, Maximilian C., Brooklyn, N. Y. Cellulosic container. 2,133,629; Oct. 18.

Middleton, Edmund B., and A. B. Jennings, New Brunswick, N. J., assignors to Du Pont Film Manufacturing Corporation, New York, N. Y. Color photography. 2,133,937; Oct. 18.

Midvale Company, The. (See Ericsson, G., and Cox, assignors.)

Milich, Vlada, Detroit, Mich. Caster. 2,133,826; Oct. 18.

Miller, James R., Pittsburgh, Pa. Apparatus for purifying lubricating oil. 2,133,359; Oct. 18.

Miller, Lester A., Fairfield, Iowa. Coupling device. 2,133,558; Oct. 18.

Miller, Michael, Trenton, N. J. Wheel aligning apparatus. 2,133,827; Oct. 18.

Miller, Samuel M. D., Detroit, Mich. Pedal attachment. 2,133,393; Oct. 18.

Mills, Herbert E. (See Sherman, A. G., and Mills.)

Mills, Victor, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Making milled toilet soap. 2,133,666; Oct. 18.

Millward, William, Pittsburgh, Pa. Making ore dust briquettes. 2,133,751; Oct. 18.

Mirick, Carlos B., Washington, D. C. System for locating the position of movable objects. 2,133,303; Oct. 18.

Mitchell, Newell W. (See Crampton, D. K., and Mitchell.)

Mitchell, Robert W., Allentown, Pa. Shaping and smoking meats. 2,133,667; Oct. 18.

Molin, Louis A., assignor to Visking Corporation, Chicago, Ill. Sausage-linking machine. 2,133,463; Oct. 18.

Monerieff, Robert W. (See Dickie, W. A., and Monerieff.)

Monopower Corporation, The. (See Lassiter, Rush E., assignor.)

Moore, Warren S. (See Walker, R. S., and Moore.)

Moore, William E., Pittsburgh, Pa., and W. B. Wallis, New York, N. Y., assignors to Pittsburgh Research Corporation, Pittsburgh, Pa. Heat treating furnace linings. 2,133,329; Oct. 18.

Moran, Robert C., Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Breaking in gears. 2,133,828; Oct. 18.

Morisi, John. (See Holzknecht, Felix, assignor.)

Morris, Milton M. (See Cox, W. R., Morris, and Pierce.)

Morrison, Robert F., Oak Park, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 2,133,630; Oct. 18.

Mortier, Henri, Clichy, France. Automatic oil heater. 2,133,394; Oct. 18.

Morton, Walter, assignor of one-half to E. D. Lane, Windsor, Ontario, Canada. Tape machine. 2,133,868; Oct. 18.

Morton, William A. (See Spencer, H. F., and Morton.)

Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Organic peroxide compositions. 2,133,733; Oct. 18.

Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Noncorrosive lubricating oil. 2,133,734; Oct. 18.

Motor Wheel Corporation. (See Hunt, J Harold, assignor.)

Mueller, Emil G., assignor to The American Brake Company, Swissvale, Pa. Link structure. 2,133,631; Oct. 18.

Mueller, Ervin H., Grosse Pointe Park, Mich. Valve for pilot light devices. 2,133,395; Oct. 18.

Munsingwear Inc. (See Anderson, Carroll R., assignor.)

Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Detachable cap. 2,133,785; Oct. 18.

Mushaben, Angelic E. (See Mushaben, Franklin J. and A. E.)

Mushaben, Franklin J. and A. E., Denver, Colo. Treating coffee. 2,133,559; Oct. 18.

Musser, Clair O., Chicago, Ill. Musical instrument. 2,133,712; Oct. 18.

Myer, James E., Washington, D. C., and P. E. Magerstadt, San Francisco, Calif., assignors to Timber Engineering Company, Washington, D. C. Tool. 2,133,752; Oct. 18.

Naamlooze Vennootschap: Maatschappij tot Exploitatie van "ten Bosch Octrooien N. V." (See ten Bosch, Abraham, NJzn, assignor.)

National Aniline & Chemical Company. (See Flett, Lawrence H., assignor.)

National Pressure Cooker Company. (See Nelson, Carl, assignor.)

Neal, David S., Harrod, Ohio. Rotary material distributor for material handling apparatus. 2,133,396; Oct. 18.

Nelson, Carl, assignor to National Pressure Cooker Company, Eau Claire, Wis. Can sealer. 2,133,860; Oct. 18.

Nespor, Peter, Vienna, Austria. Production of color films and color photographs. 2,133,713; Oct. 18.

Neufeld, Jacob, assignor to Engineering Laboratories, Inc., Tulsa, Okla. Method of and apparatus for determining the dip of the earth's substrata. 2,133,786; Oct. 18.

Neumann, George R. (See Sherman, R. M., Carlberg, and Neumann.)

Newell, Minton H., Palo Alto, assignor to The Alloys Company, San Francisco, Calif. Process and apparatus for the manufacture of zinc dust. 2,133,560; Oct. 18.

Nichols, Frederick Y., Chicago, Ill. Packing for rotary shafts. 2,133,304; Oct. 18.

Nichols, James A., and W. E. Flanagan, Washington, D. C. Autographic guide. 2,133,753; Oct. 18.

Niemi, Matti, Seattle, Wash. Speed-recording mechanism. 2,133,632; Oct. 18.

Nordlander, Birger W., and M. C. Agens, Schenectady, N. Y., assignors to General Electric Company, Resinous compositions and preparing same. 2,133,870; Oct. 18.

Northey, Elmore H., assignor to The Calco Chemical Company, Inc., Bound Brook, N. Y. Di(aminoarylsulphon)-amides and making the same. 2,133,787; Oct. 18.

Norton Lasier Company. (See Lasier, David R., assignor.)

Novotny, Emil E., assignor, by mesne assignments, to Durite Plasties, Incorporated, Philadelphia, Pa. Resinous liquid composition. 2,133,464; Oct. 18.

Nuesslein, Joseph. (See Schoeller, C. and Nuesslein.)

Nutone Chimes Inc. (See Alexander, Lowell M., assignor.)

Oakley, Laurence M., assignor to Essex Rubber Company, Trenton, N. J. Rubber heel. 2,133,788; Oct. 18.

Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Wall telephone set. 2,133,468; Oct. 18.

Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Calling device. 2,133,469; Oct. 18.

O'Brien, Brian, Rochester, N. Y. Method and means for determining optical characteristics of substances. 2,133,562; Oct. 18.

Offen, Bernard, Chicago, Ill. Web drying method and apparatus. 2,133,330; Oct. 18.

Ogden, William B., Youngstown, assignor to Valley Mould & Iron Corporation, Hubbard, Ohio. Hot top. 2,133,829; Oct. 18.

Ohio Chemical and Manufacturing Company, The. (See Heldbrink, Jay A., assignor.)

Oliver Farm Equipment Company. (See Altgelt, Herman E., assignor.)

Olpin, Henry C., and G. H. Ellis, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of artificial materials. 2,133,470; Oct. 18.

Olson, Frederick F. (See Diller, A. L., and Olson.)

Onsrud Machine Works, Inc. (See Onsrud, Oscar, assignor.)

Onsrud, Oscar, assignor to Onsrud Machine Works, Inc., Chicago, Ill. Molding machine. 2,133,331; Oct. 18.

Opperman, Otto F., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Adjustable chair. 2,133,471; Oct. 18.

Oscar, Harry, New York, N. Y. Collapsible tube compressor. 2,133,754; Oct. 18.

Oswego Falls Corporation. (See Huntley, Robert F., assignor.)

Packard Motor Car Company. (See Best, Frank C., assignor.)

Padula, Louis J. (See Hawley, George W., assignor.)

Palmer, Chester M., Aurora, Ill. Clutch. 2,133,830; Oct. 18.

Parker, George B. (See Fisher, D., and Parker.)

Parker, Harold H., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of artificial thread. 2,133,714; Oct. 18.

Parker, Harold H., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing artificial thread. 2,133,715; Oct. 18.

Parker, Leslie O., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Contact assembly. 2,133,472; Oct. 18.

Parks, Joseph A., Milton, and J. Upton, Wayland, Mass., assignors, by mesne assignments, to Anderson Products, Incorporated. Pile splicer. 2,133,563; Oct. 18.

Parsons, Harold M. (See Smith, A. L., Parsons, and Quessy.)

Patent Button Company of Tennessee, The. (See Scott, Alexander A., Jr., assignor.)

Patrick, Lester B., Mercury, Tex. Wagon or trailer body wagon bed. 2,133,902; Oct. 18.

Patton, Clement B., Columbus, Ohio. Apparatus for drilling wells. 2,133,564; Oct. 18.

Payne, William H., La Grange, Ill. Clamp for electric arc furnace electrodes. 2,133,305; Oct. 18.

Pearson, August. (See Hunter, A. P., and Pearson.)

Pedersen, Gunner F. M., assignor to Dansk Crown-Cork Fabrik ved Aage Weybye-Lassen, Copenhagen, Denmark. Capsule stopper for bottles, jars, glasses, and the like. 2,133,565; Oct. 18.

Penley, Benjamin S., Yeadon, Pa., assignor to The Barrett Company, New York, N. Y. Apparatus for surfacing roofing. 2,133,473; Oct. 18.

Pereyra, José A., Lima, Peru. Vote registering apparatus. 2,133,755; Oct. 18.

Perkins, Julian L., West Springfield, Mass. Wringer. 2,133,566; Oct. 18.

Perkins, Julian L., West Springfield, Mass. Wringer. 2,133,567; Oct. 18.

Perkins, Julian L., West Springfield, Mass. Wringer head. 2,133,568; Oct. 18.

Perlmutter, Henry A., New York, N. Y., assignor to Artistic Lamp Manufacturing Company, Inc. Lamp joint. 2,133,923; Oct. 18.

Pershall, Ralph H., Bremerton, assignor to Sanicut Mfg. Co., Port Orchard, Wash. Combined shearing device and closure for liquid dispensers. 2,133,772; Oct. 18.

Petersen, Edgar G., Jackson, and F. E. Beach, Detroit, assignors to Ryerson & Haynes, Inc., Jackson, Mich. Shutter construction. 2,133,924; Oct. 18.

Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,133,306; Oct. 18.

Philadelphia Quartz Company. (See Vail, J. G., and Baker, assignors.)

Pickford, Albert, Leicester, England, assignor to United Shoe Machinery Corp., Paterson, N. J. Machine for effecting relative movement between shoes and their lasts. 2,133,397; Oct. 18.
Pieper, Oscar H., Rochester, N. Y. Dental unit. 2,133,332; Oct. 18.
Pierce, George W., Cambridge, Mass. Electrical system. 2,133,642; Oct. 18.
Pierce, George W., Cambridge, Mass. Electrical system and apparatus. 2,133,643; Oct. 18.
Pierce, George W., Cambridge, Mass. Electrical system. 2,133,644; Oct. 18.
Pierce, George W., Cambridge, Mass. Electrical system. 2,133,645; Oct. 18.
Pierce, George W., Cambridge, Mass. Electrical system. 2,133,646; Oct. 18.
Pierce, George W., Cambridge, Mass. Electromechanical vibrator. 2,133,647; Oct. 18.
Pierce, George W., Cambridge, Mass. Electrical system. 2,133,648; Oct. 18.
Pierce, Stephen C., Jr. (See Larmour, H. M., and Pierce.)
Pierce, William L. (See Cox, W. R., Morris, and Pierce.)
Pittsburgh Research Corporation. (See Moore, W. E., and Wallis, assignors.)
Plaskon Company Incorporated. (See Ellis, Carleton, assignor.)
Pool, Esson J., assignor to Cinch Manufacturing Corporation, Chicago, Ill. Metal container for radio sets. 2,133,789; Oct. 18.
Porsche, Dr. Ing. h. c. F., G. m. b. H. (See Rabe, K., and (Boxan, assignor).)
Porter, Everett M. (See Githens, O. W., Kende, and Porter.)
Poster Products, Inc. (See Burke, Lawrence J., assignor.)
Poster Products, Inc. (See Engert, Caspar F., assignor.)
Potez, Henry C. A., Meaulte, France. Wing for aircraft. 2,133,668; Oct. 18.
Pratt, James H., G. E. Manley, and A. H. G. Girling, Birmingham, England. Internally expanding brake. 2,133,669; Oct. 18.
Prestage, Edwin, London, England. Hinge. 2,133,307; Oct. 18.
Price, Jesse. (See Randall, Donald, assignor.)
Price, Nathan C., Berkeley, assignor to Universal Engine and Propeller Co., Alameda, Calif. Fluid actuated valve mechanism. 2,133,569; Oct. 18.
Pritchard, William T., Belvidere, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Lubricating device. 2,133,831; Oct. 18.
Procter & Gamble Company, The. (See Mills, Victor, assignor.)
Proctor, B. A., Company. (See Proctor, Barton A., assignor.)
Proctor, Barton A., Larchmont, assignor to B. A. Proctor Company, Inc., New York, N. Y. Sound recording and reproducing mechanism. 2,133,333; Oct. 18.
Product Development and Engineering Corporation. (See Trofimov, Lev A., assignor.)
Public, Dedicated to the free use of the. (See Shaw, T. M., and Alexander, assignors.)
Pullis, George A., Hoboken, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. System for compensating for differences in potential. 2,133,832; Oct. 18.
Puritz, Mario, London, England, assignor to Societa Italiana Pirelli, Milan, Italy. Electric cable and repairing the same. 2,133,399; Oct. 18.
Puritz, Mario, Piccadilly, London, England, assignor to Societa Italiana Pirelli, Milan, Italy. Electric cable and repairing the same. 2,133,398; Oct. 18.
Purtell, William A., Hartford, Conn., assignor to The Holo-Krome Screw Corporation. Knurled socketed screw. 2,133,465; Oct. 18.
Purtell, William A., Hartford, Conn., assignor to The Holo-Krome Screw Corporation. Method and apparatus for making knurled socketed screws. 2,133,467; Oct. 18.
Purtell, William A., West Hartford, Conn., assignor to The Holo-Krome Screw Corporation. Method of and apparatus for making knurled socketed screws. 2,133,466; Oct. 18.
Pyne, Albert H., Beckenham, Kent, England. Clothes washing installation. 2,133,903; Oct. 18.
Pyroxylin Products Incorporated. (See Wilson, W. C., and . and Fawkes, assignors.)
Quessy, Randall. (See Smith, A. L., Parsons, and Quessy.)
Rabe, Karl, and W. Boxan; said Boxan assignor to Dr. Ing. h. c. F. Porsche G. m. b. H., Stuttgart, Germany. Motor vehicle chassis. 2,133,633; Oct. 18.
Radio Corporation of America. (See Barton, Loy E., assignor.)
Radio Corporation of America. (See Carlson, Wendell L., assignor.)
Radio Corporation of America. (See Holst, Poul F. G., assignor.)
Radio Corporation of America. (See Kellogg, Edward W., assignor.)
Radio Corporation of America. (See Zworykin, Vladimir K., assignor.)
Ranco Incorporated. (See Raney, Estel C., assignor.)
Randall, Donald J., deceased; M. Randall, special administratrix, assignor to J. Price, Los Angeles, Calif. Display rack. 2,133,925; Oct. 18.
Randall, Marguerite, special administratrix. (See Randall, Donald J.)
Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,133,400; Oct. 18.
Ransom, Samuel H., Jr., and G. C. Fairbairn, Port Arthur, Tex, assignors to The Texas Company, New York, N. Y. Heat treatment of welded joints. 2,133,926; Oct. 18.
Reardon, Robert E., Camden, N. J. Memograph target. 2,133,308; Oct. 18.
Reece, Franklin A., Brookline, Mass. Buttonhole machine. 2,133,360; Oct. 18.
Reed, Daniel E., assignor to Yankee Metal Products Corp., Norwalk, Conn. Fender guide. 2,133,871; Oct. 18.
Reeves, Donald H., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,133,361; Oct. 18.
Reichhold Chemicals. (See Hodgins, Theodore S.)
Reichhold, Helmuth. (See Hodgins, Theodore S., assignor.)
Reichhold, Helmuth, Bloomfield Hills, and C. H. B. Jarl, Royal Oak, assignors to Beck, Koller & Company, Inc., Detroit, Mich. Scrubbing vapors containing phthalic anhydride. 2,133,904; Oct. 18.
Reitzes, Herbert L., Philadelphia, Pa. Sealing means. 2,133,716; Oct. 18.
Rheinmetall-Borsig Aktiengesellschaft. (See Engel, G., and Winter, assignors.)
Richard, Charles D., West New Brighton, Staten Island, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,133,475; Oct. 18.
Richardson, Bayard E., and R. W. Willey, Grand Rapids, Mich. Furniture construction. 2,133,570; Oct. 18.
Richardson, Carl B., West Hartford, Conn. Wallpaper sample printing machine. 2,133,401; Oct. 18.
Ricks, Fred, and W. N. Bray, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 2,133,402; Oct. 18.
Ric-wiL Company, The. (See Gottwald, Christian, assignor.)
Riel, Peter S., Buffalo, N. Y. Snow diverting means for automobile windshields and the like. 2,133,927; Oct. 18.
Rific, William V., Chicago, Ill. Hair waving apparatus. 2,133,573; Oct. 18.
Ritz-Woller, Oliver C., Chicago, Ill. Gasoline tank closure means. 2,133,520; Oct. 18.
Robes, Ernest C., Jr., Hanover, N. H. Sleeping pack. 2,133,717; Oct. 18.
Röchling, Hermann, and O. Johannsen, Volklingen-Saar, Germany, assignors to H. A. Brassert & Co. Limited, London, England. Manufacture of steel from low-grade phosphorus-containing acid iron ores. 2,133,571; Oct. 18.
Rodgers, Dominick, Pittsburgh, Pa. Disintegrator. 2,133,756; Oct. 18.
Roemisch, Allen V., Inglewood, Calif. Concrete form tie. 2,133,574; Oct. 18.
Roessler, Edward W., Schenectady, N. Y., assignor to General Electric Company. Selective control for air conditioning apparatus. 2,133,872; Oct. 18.
Rohn, Wilhelm, Hanau-on-the-Main, Germany. Electric induction furnace. 2,133,634; Oct. 18.
Roko Corporation. (See Coberly, Clarence J., assignor.)
Ronci, Victor L. (See Depew, C., and Ronci.)
Roper, Geo. D., Corporation. (See Larson, Swan E., assignor.)
Roscoe, Robert, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Dispensing apparatus. 2,133,474; Oct. 18.
Rosenberg, Philip S., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Pressure relief valve. 2,133,575; Oct. 18.
Rosett, Walter, Washington, D. C., assignor, by mesne assignments, to The Dow Chemical Company, Midland, Mich. Stabilized absorbent solution for dehydrating air. 2,133,334; Oct. 18.
Rossi, George S., New York, assignor to Beaverite Products, Inc., Beaver Falls, N. Y. Advertising card or sign. 2,133,718; Oct. 18.
Rossman, Edwin F., W. A. Chryst, and R. I. Bates, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Stabilizer. 2,133,773; Oct. 18.
Rowe, William G., Milwaukee, Wis. Automobile signal switch. 2,133,572; Oct. 18.
Royer Foundry and Machine Co. (See Davies, Stanley B., assignor.)
Rubin, David, Scranton, Pa. Reconditioning pistons. 2,133,403; Oct. 18.
Rud, Henry H., Whitehall, Wis. Safety razor. 2,133,576; Oct. 18.
Rumford Chemical Works. (See Fiske, Augustus H., assignor.)
Rund, John W., Jr., Pesotum, Ill. Corn picker gathering point. 2,133,905; Oct. 18.
Rundle, George H., Palmyra, Wis. Antisag device for doors. 2,133,719; Oct. 18.
Ruppel, Sigwart, deceased, Berlin, Germany; F. Strauss, née Ruppel, heir. Electric switch. 2,133,938; Oct. 18.
Ryerson & Haynes, Inc. (See Petersen, E. G., and Beach, assignors.)
Saabye, William H. (See Whistler, L. V., Saabye, and Tingler.)

Sampson, Robert W., New York, N. Y., assignor to Sampson Rubber Products Corporation, Detroit, Mich. Making rubber articles. 2,133,833; Oct. 18.
Sampson Rubber Products Corporation. (See Sampson, Robert W., assignor.)
Sanford, Roy S. (See Andres, W. J., and Sanford.)
Sanicut Mfg. Co. (See Pershall, Ralph H., assignor.)
Saunders, Walter S., assignor to The American Forging & Socket Company, Pontiac, Mich. Battery installation. 2,133,577; Oct. 18.
Scaife, Joseph D., Cross Hills, near Keighley, assignor of one-half to John Lund Limited, Eastburn, near Keighley, England. Supplying lubricant to the bearings of rotary shafts and the like. 2,133,476; Oct. 18.
Scale-Models, Inc. (See Beutlich, Sigurd, assignor.)
Scale Models, Inc. (See Donnelley, Elliott, assignor.)
Schade, Henry E., Camden, N. J. Plate bending press. 2,133,477; Oct. 18.
Schaeffer, Edward G., Brooklyn, assignor to American Character Doll Co., Inc., New York, N. Y. Doll. 2,133,635; Oct. 18.
Schaeffer, Edward G., Brooklyn, assignor to American Character Doll Co., Inc., New York, N. Y. Doll. 2,133,636; Oct. 18.
Schieren, Chas A., & Company. (See Schieren, George A., assignor.)
Schieren, George A., Great Neck, assignor to Chas. A. Schieren & Company, New York, N. Y. Belt joiner. 2,133,720; Oct. 18.
Schilling, Karl. (See Eckert, W., and Schilling.)
Schjolin, Eric O., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Induction system. 2,133,578; Oct. 18.
Schlaefke, Karl H., assignor to Adlerwerke vorm. Heinrich Kleyer Aktiengesellschaft, Frankfort-on-the-Main, Germany. Internal combustion engine. 2,133,478; Oct. 18.
Schmalfeldt, Hans, Kassel, Germany. Gasifying finely divided fuel with circulating gas. 2,133,479; Oct. 18.
Schmidinger, Joseph, New York, N. Y. Circuit controlling mechanism. 2,133,309; Oct. 18.
Schnabel, Charles F., Kansas City, Kans., assignor to American Dairies, Incorporated, Kansas City, Mo. Feed and making the same. 2,133,362; Oct. 18.
Schoeller, Conrad, and J. Nuesslein, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of ethers suitable as dispersing agents and of preparations therefrom. 2,133,480; Oct. 18.
Schoelfield, William B., assignor of one-third to G. A. Brinkmann, Detroit, Mich. Infant's floating device. 2,133,790; Oct. 18.
Scholl Mfg. Co., The. (See Thornton-Norris, George, assignor.)
Scholl, William M., Chicago, Ill. Making arch-corrective shoes. 2,133,579; Oct. 18.
Schroeder, Carl J., Hobar, Ind., assignor to Standard Oil Company, Chicago, Ill. Barrel washing machine. 2,133,481; Oct. 18.
Schuchmann, Hans, Berlin-Schmargendorf, assignor, to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berling, Germany. Voltage measuring system. 2,133,670; Oct. 18.
Scott, Winfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preserving rubber. 2,133,791; Oct. 18.
Scuderi, Benedict, Bayonne, N. J., and C. Callari, New York, N. Y. Covering metal buckles and the like. 2,133,482; Oct. 18.
Schweitzer, Hugo, Leverkusen-Wiesdorf, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,133,671; Oct. 18.
Scott, Alexander A., Jr., assignor to The Patent Button Company of Tennessee, Townsend, Tenn. Button making machine. 2,133,906; Oct. 18.
Seaboard Oil Company of Delaware, et al. (See Vaughan, William H., assignor.)
Searle, Dudley F., Oakland, Calif. Air brake system. 2,133,580; Oct. 18.
Seidman, Solomon H., Bronx, N. Y. Airplane terminal. 2,133,721; Oct. 18.
Servel, Inc. (See Andersson, Sven W. E., assignor.)
Shanhouse, Leonard, Rockford, Ill. Parka. 2,133,907; Oct. 18.
Sharma, Jagan N., Berkeley, assignor to Food Machinery Corporation, San Jose, Calif. Coloring fruit. 2,133,404; Oct. 18.
Sharp, George R., East Cleveland, Ohio. Bullet sizing and lubricating device. 2,133,873; Oct. 18.
Shaw, Thomas M., Washington, D. C., and L. T. Alexander, Berwyn, Md.; dedicated to the free use of the public. Detecting ice formation. 2,133,483; Oct. 18.
Sheals, Vincent A., Schenectady, N. Y., assignor to General Electric Company. Oil filled cable and jointing the same. 2,133,405; Oct. 18.
Sheldon, Murray B., Jersey City, N. J. Basket carrier. 2,133,834; Oct. 18.
Shell Development Company. (See Huyser, H. W., and van Melsen, assignors.)
Shell Development Company. (See Moser, Franz R., assignor.)
Shell Development Company. (See Waterman, H. I., Leendertse, and de Kok, assignors.)
Shelton, Dwight J., B. Jacoby, and G. B. Heffelfinger, assignors to The Marion Steam Shovel Company, Marion, Ohio. Fair-lead. 2,133,406; Oct. 18.
Shepard, Francis H., Jr. (See Sperry, E. A., Jr., and Shepard.)
Sherar, Stuart, Tulsa, Okla., assignor to Standard Oil Development Company. Use of a distributed charge in seismic prospecting. 2,133,484; Oct. 18.
Sherman, Alvin G., and H. E. Mills, Detroit, Mich., assignors to Borg-Warner Corporation. Stove. 2,133,835; Oct. 18.
Sherman, Ernst C. (See McAlister, J. S., and Sherman.)
Sherman, Ralston M., Glastonbury, and J. Carlberg and G. R. Neumann, West Hartford, assignors to The Silent Glow Oil Burner Corporation, Hartford, Conn. Apparatus for burning liquid fuel. 2,133,485; Oct. 18.
Sherman, Ralston M., Glastonbury, and J. Carlberg, West Hartford, assignors to The Silent Glow Oil Burner Corporation, Hartford, Conn. Apparatus for burning liquid fuel. 2,133,486; Oct. 18.
Shower Sales Corporation. (See Winston, Frank T., assignor.)
Shulman, Max L., Washington, D. C. Cage construction. 2,133,637; Oct. 18.
Shuman, Royal L., Newark, N. J., assignor to Celluloid Corporation. Producing aryl phosphates. 2,133,310; Oct. 18.
Shuman, Royal L., Newark, N. J., assignor to Celluloid Corporation. Apparatus for the production of aryl phosphates. 2,133,311; Oct. 18.
Siemens Apparate und Maschinen Gesellschaft mit beschrünkter Haftung. (See Schuchmann, Hans, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Vatter, Hans, assignor.)
Silent Glow Oil Burner Corporation, The. (See Sherman, R. M., and Carlberg, assignors.)
Silent Glow Oil Burner Corporation, The. (See Sherman, R. M., Carlberg, and Neumann, assignors.)
Simmon, Rudolph, New York, N. Y. Photographic device. 2,133,581; Oct. 18.
Simoneau, Charles B., Lynn, Mass. Valve for heating systems. 2,133,928; Oct. 18.
Singer Manufacturing Company, The. (See Karle, John D., assignor.)
Singerman, Adolph K., Buffalo, N. Y. Method and apparatus for applying liquids to scalp hair. 2,133,638; Oct. 18.
Singewald, Joseph T., Jr., assignor to The Standard Lime and Stone Company, Baltimore, Md. Refractory. 2,133,672; Oct. 18.
Sisson, Vinton E., Winnetka, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Bulkhead for refrigerator cars. 2,133,722; Oct. 18.
Sisson, Vinton E., Winnetka, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Floor rack for refrigerator cars. 2,133,723; Oct. 18.
Smallen, Louis J., Los Angeles, Calif. Broiler. 2,133,582; Oct. 18.
Smith, Albert L., Medway, H. M. Parsons, Arlington, and R. Quessy, Cambridge, assignors to Walker & Pratt Manufacturing Co., Boston, Mass. Range. 2,133,639; Oct. 18.
Smith, Floyd E., Hapeville, Ga. Carburetor. 2,133,757; Oct. 18.
Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Toaster assembly. 2,133,583; Oct. 18.
Smith, Lawrence C., Kenmore, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigeration evaporator. 2,133,929; Oct. 18.
Smith, Marion F. (See Greider, H. W., and Smith.)
Smith, Wesley L., Cranford, assignor to Eclipse Aviation Corporation, East Orange, N. J. Gyroscope. 2,133,489; Oct. 18.
Smulski, Theodore J., Knox, Ind. Kitchen utensil. 2,133,724; Oct. 18.
Società Italiana Pirelli. (See Emanueli, Luigi, assignor.)
Societa Italiana Pirelli. (See Puritz, Mario, assignor.)
Societa Anonima Minerva. (See Campolunghi, Giovanni, assignor.)
Societe des Freins Hydrauliques S. De Lavaud. (See Brisson, Louis C., assignor.)
Société Minière et Métallurgique de Penarroya. (See Jollivet, Leon E., assignor.)
Socony-Vacuum Oil Company. (See Francis, Alfred W., assignor.)
Socony-Vacuum Oil Company. (See Moran, Robert C., assignor.)
Solvay Process Company, The. (See Keene, P. A., and Julien, assignors.)
Spânel, Abraham N., Rochester, N. Y. Method and apparatus for washing garments. 2,133,584; Oct. 18.
Spargo, Richard J., Johannesburg, Union of South Africa, assignor to R. J. Spargo (Proprietary) Limited. Liquid sealed rotating joints. 2,133,487; Oct. 18.
Spargo, R. J. (Proprietary), Limited. (See Spargo, Richard J., assignor.)
Sparks Processes, Inc. (See Sparks, Stanley W., assignor.)
Sparks, Stanley W., assignor to Sparks Processes, Inc., Norwalk, Conn. Method and apparatus for extruding metal strips. 2,133,874; Oct. 18.

Spencer, Howard F., Pittsburgh, and W. A. Morton, Mount Lebanon, assignors to Amco, Incorporated, Pittsburgh, Pa. Continuous heating furnace. 2,133,673; Oct. 18.
Spero, Bernard, Chicago, Ill. Lens. 2,133,585; Oct. 18.
Sperry, Elmer A., Jr., Brooklyn, and F. H. Shepard, Jr., New Rochelle, assignors to Sperry Products, Inc., Brooklyn, N. Y. Flaw detector for electrical conductors. 2,133,725; Oct. 18.
Sperry Gyroscope Company. (See Anscott, W., and Carter, assignors.)
Sperry Gyroscope Company. (See Carter, L. F., and Anscott, assignors.)
Sperry Products, Inc. (See Drake, Harcourt C., assignor.)
Sperry Products, Inc. (See Sperry, E. A., Jr., and Shepard, assignors.)
Sprague Specialties Company. (See Godsey, Frank W., Jr., assignor.)
Stackpole Carbon Company, The. (See Hathorn, Clarence J., assignor.)
Stamback, Rollo L., Long Beach, assignor of one-half to W. R. Mayhew, Alhambra, Calif. Liquid testing device. 2,133,674; Oct. 18.
Standard-Coosa-Thatcher Company. (See McAlister, J. S., and Sherman, assignors.)
Standard Lime and Stone Company, The. (See Singewald, Joseph T., Jr., assignor.)
Standard Oil Company. (See Anderson, John A., assignor.)
Standard Oil Company. (See Lemmon, Norman E., assignor.)
Standard Oil Company. (See Schroeder, Carl J., assignor.)
Standard Oil Company (Ohio), The. (See Burk, Robert E., assignor.)
Standard Oil Development Company. (See Blau, L. W., and Gemmer, assignors.)
Standard Oil Development Company. (See Hewlett, Amiot P., assignor.)
Standard Oil Development Company. (See Sherar, Stuart, assignor.)
Standard Oil Development Company. (See Wasson, Jones L., assignor.)
Standard Railway Equipment Manufacturing Company. (See Sisson, Vinton E., assignor.)
Stanger, Otto C., and A. Thompson, Chicago, Ill., assignors, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Frozen confection, coating compound therefor, and making coating compound. 2,133,586; Oct. 18.
Star Peerless Wall Paper Mills. (See Buckwalter, Ross H., assignor.)
Stark, John V., Penn Yan, N. Y. Automatic lift for bathtubs. 2,133,587; Oct. 18.
Staude, Edwin G., Minneapolis, Minn. Sheet feeder. 2,133,726; Oct. 18.
Staude, Edwin G., Minneapolis, Minn. Delivery mechanism for paper box machines. 2,133,727; Oct. 18.
Stearns, Harry C., Glen Ellyn, Ill. Heater and heating system for automotive vehicles. 2,133,488; Oct. 18.
Steenstrup, Carl H., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,133,875; Oct. 18.
Steenstrup, Carl H., Schenectady, N. Y., assignor to General Electric Company. Fluid muffler. 2,133,876; Oct. 18.
Steinwand, Otto, assignor to Sussman, Wormser & Co., San Francisco, Calif. Fruit pitter. 2,133,588; Oct. 18.
Sterling, Scott, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Graph for locating the optical center of a multifocal lens. 2,133,589; Oct. 18.
Stevensen, Thorvald M., Vancouver, Wash. Bottle carrier. 2,133,877; Oct. 18.
Stewart & McGuire, Inc. (See Hoban, Fairfield W., assignor.)
Stone, Clarence B., Saginaw, Minn. Carbon holder. 2,133,407; Oct. 18.
Stopper, Charles A., assignor to Diamond Paper and Box Co., Philadelphia, Pa. Box. 2,133,590; Oct. 18.
Straus Knitting Mills. (See Hutton, David, assignor.)
Strauss, Frida, née Ruppel. (See Ruppel, Sigwart.)
Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Tuning apparatus for high frequency receiving systems. 2,133,878; Oct. 18.
Sullenger, Merle V. (See Wallace, J. D., and Sullenger.)
Sun Oil Company. (See Barton, Paul D., assignor.)
Sun Rubber Company, The. (See McLane, John T., assignor.)
Supreme Instruments Corporation. (See Fausett, Floyd, assignor.)
Sussman, Wormser & Co. (See Steinwand, Otto, assignor.)
Svejkovsky, William, Oklahoma City, Okla. Furnace. 2,133,836; Oct. 18.
Swallen, Lloyd C., Pekin, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Production of zein. 2,133,591; Oct. 18.
Swannell, Frederick, London, assignor to The Viscose Development Company Limited, Kent, England. Cap or stopper for bottles or like containers. 2,133,490; Oct. 18.
Swanson, Edwin W., Hopkins, assignor to Electric Machinery Manufacturing Company, Minneapolis, Minn. Voltage regulator. 2,133,312; Oct. 18.
Swanson, Harry S., Minneapolis, Minn. Alarm illuminator clock. 2,133,908; Oct. 18.
Sweet, Cecil H. (See Erwin, W. C., and Sweet.)
Sylvania Industrial Corporation. (See Colson, Roger L., assignor.)
Szeglin, Andrew. (See Kreisler, J., and Szeglin.)
Taheny, Thomas J., Pawtucket, R. I. Nonrefillable bottle closure. 2,133,758; Oct. 18.
Talmage, Everett, Sabina, Ohio. Roofing structure. 2,133,363; Oct. 18.
Taub, Alex, assignor to General Motors Corporation, Detroit, Mich. Cylinder head. 2,133,592; Oct. 18.
Tautz, Herbert E., Milwaukee, Wis. Variable speed drive. 2,133,593; Oct. 18.
Teague, Raleigh E. (See Brotzman, L. G., and Teague.)
Teatini, Dario, Hougaerde, Belgium. Furnace for producing sulphurous gas. 2,133,594; Oct. 18.
Teetor, Paul, Poultney, Vt., assignor to Central Commercial Company. Colored roofing granules and manufacturing the same. 2,133,728; Oct. 18.
Telefonaktiebolaget L. M. Ericsson. (See Alexandersson, H. V., and Blomberg, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gerhard, Ernst, assignor.)
Temple, Robert, Jr., Pittsburgh, Pa. Press. 2,133,364; Oct. 18.
Ten Bosch, Abraham, NJzn, assignor to Naamlooze Vennootschap: Maatschappij tot Exploitatie van "ten Bosch Octrooien N. V.", Arnhem, Netherlands. Manufacturing briquettes. 2,133,675; Oct. 18.
Ternstedt Manufacturing Company. (See Jensen, Otto H., assignor.)
Terry, Donald M. (See Cox, L. R., and Terry.)
Texas Company, The. (See Clifton, Reginald J., assignor.)
Texas Company, The. (See Ransom, S. H., Jr., and Fairbairn, assignors.)
Thalheimer, Walter J. (See Beers, Roy R., assignor.)
Thearle, Ernest L., Schenectady, N. Y., assignor to General Electric Company. Shaft packing. 2,133,879; Oct. 18.
Thomas, George P., Glenshaw, Pa. Side trimming and scrap cutting apparatus. 2,133,595; Oct. 18.
Thomas, William C., Fries, Va. Safety match book. 2,133,909; Oct. 18.
Thomas, Willis P. (See Howse, C. L., Brelsford, Cox, and Thomas.)
Thompson, Alva. (See Stanger, O. C., and Thompson.)
Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Recording mechanism for railway traffic controlling apparatus. 2,133,640; Oct. 18.
Thompson, Lincoln, Cheshire, Conn. Feed mechanism for disk recording machines. 2,133,596; Oct. 18.
Thornton-Norris, George, London, England, assignor to The Scholl Mfg. Co., Inc., Chicago, Ill. Folding crib and the like. 2,133,561; Oct. 18.
Tide Water Associated Oil Company, et al. (See Vaughn, William H., assignor.)
Tietig, Chester, Covington, Ky. Making porous metal objects. 2,133,761; Oct. 18.
Timber Engineering Company. (See Myer, J. E., and Magerstadt, assignors.)
Tingler, William E. (See Whistler, L. V., Saabye, and Tingler.)
Tippett, William M. (See Turney, Lee L., assignor.)
Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Wheel. 2,133,597; Oct. 18.
Toledo Scale Manufacturing Company. (See Williams, Lawrence S., assignor.)
Tompkins, William M., Corpus Christi, Tex. Covering for freshly poured concrete. 2,133,641; Oct. 18.
Torbert, John E., Jr., National City, Calif. Mirror for spirit levels. 2,133,598; Oct. 18.
Trofimov, Lev A., assignor to Product Development and Engineering Corporation, Cleveland, Ohio. Hoist drive and control. 2,133,365; Oct. 18.
Turner, Guilford S., assignor to Morris B. Brewster Co. Inc., Chicago, Ill. Sanding apparatus. 2,133,491; Oct. 18.
Turney, Lee L., assignor of one-half to W. M. Tippett, Muskegon, Mich. Humidifier boiler. 2,133,599; Oct. 18.
Union Oil Company of California. (See Ewing, Frederick J., assignor.)
Union Oil Company of California. (See Hopper, B., and Kingman, assignors.)
Union Switch & Signal Company, The. (See McCann, R. A., and Young, assignors.)
Union Switch & Signal Company, The. (See Pflasterer, George R., assignor.)
Union Switch & Signal Company, The. (See Thompson, Howard A., assignor.)
Union Switch & Signal Company, The. (See Wells, Wesley B., assignor.)
United Aircraft Corporation. (See Caldwell, Frank W., assignor.)
United-Carr Fastener Corporation. (See Churchill, Wilmer H., assignor.)
United-Carr Fastener Corporation. (See Johnson, Gustav, assignor.)
United-Carr Fastener Corporation. (See Murphy, Howard J., assignor.)
United Chromium, Incorporated. (See Hosdowich, John M., assignor.)

United Research Corporation. (See Carpenter, Arthur W., assignor.)
United Shoe Machinery Corporation. (See Bagshaw, C. M., and Harrington, assignors.)
United Shoe Machinery Corporation. (See Barton, Joseph M., assignor.)
United Shoe Machinery Corp. (See Pickford, Albert, assignor.)
United Shoe Machinery Corporation. (See Ricks, F., and Bray, assignors.)
United Shoe Machinery Corporation. (See Whelton, John M., assignor.)
United States Holding Corporation. (See Cullman, Philipp A., assignor.)
United States Rubber Products, Inc. (See Eger, Ernst, assignor.)
United States Rubber Products, Inc. (See Meuser, L., Messer, and Lallberte, assignors.)
Universal Air Filter Corporation. (See Walker, R. S., and Moore, assignors.)
Universal Camera Corporation. (See Githens, O. W., Kende, and Porter, assignors.)
Universal Engine and Propeller Co. (See Price, Nathan C., assignor.)
Universal Form Clamp Co. (See Lord, Chester A., assignor.)
Upton, John. (See Parks, J. A., Jr., and Upton.)
Vail, James G., Media, and C. L. Baker, Penn Wynne, assignors to Philadelphia Quartz Company, Philadelphia, Pa. Compositions for and making suspensions. 2,133,759; Oct. 18.
Valjavec, Swanee V. (See Cook, A. A., and Valjavec.)
Valley Mould & Iron Corporation. (See Ogden, William B., assignor.)
Van Melsen, Johannes A. (See Hyser, H. W., and van Melsen.)
Van Raalte Company. (See Guild, Archibald T., assignor.)
Van Uum, John H., Lakewood, Ohio. Securing spring clip. 2,133,366; Oct. 18.
Vatter, Hans, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Manufacturing vacuum vessels. 2,133,492; Oct. 18.
Vaughan, William H., Rodessa, La., assignor to Tide Water Associated Oil Company, Tulsa, Okla., and Seaboard Oil Company of Delaware, Dallas, Tex. High pressure gas process. 2,133,774; Oct. 18.
Vea, Norman D., Dover, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo. Terminal post support and heel cover. 2,133,600; Oct. 18.
Veeder-Root Incorporated. (See Bliss, H. N., and Wild, assignors.)
Velvet Power Brake Company. (See Brown, Jesse B., assignor.)
Vilter Manufacturing Company, The. (See Baars, Ernst S. H., assignor.)
Viscose Development Company Limited, The. (See Swannell, Frederick, assignor.)
Visking Corporation. (See Molin, Louis A., assignor.)
Vollmer, William E., Reading, Pa. Hoist. 2,133,910; Oct. 18.
Waechter, Harry J., Mount Healthy, assignor to P. Benninghofen and F. G. Diesbach, trustees, Hamilton, Ohio. Autographic register. 2,133,792; Oct. 18.
Wagner, Joshua, Brooklyn, N. Y. Carton and closure therefor. 2,133,930; Oct. 18.
Wagner, Melvin, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Charging containers with inert gas and materials. 2,133,367; Oct. 18.
Walaitv, Anthoney C., Red Bank, N. J. Game apparatus. 2,133,676; Oct. 18.
Walker & Pratt Manufacturing Co. (See Smith, A. L., Parsons, and Quessy, assignors.)
Walker, Russell S., and W. S. Moore, assignors to Universal Air Filter Corporation, Duluth, Minn. Air filtering apparatus. 2,133,931; Oct. 18.
Walker, Sheridan A., assignor to Walker Spring Co., Inc., Newburgh, N. Y. Spring unit. 2,133,408; Oct. 18.
Walker Spring Co. (See Walker, Sheridan A., assignor.)
Wallace, Jefferson D., and M. V. Sullenger, Kansas City, Mo. Fishing line float. 2,133,880; Oct. 18.
Wallace, Leta, Kansas City, Mo. Music rack. 2,133,368; Oct. 18.
Wallis, William B. (See Moore, W. E., and Wallis.)
Ward, John C., Baltimore, Md. Garment. 2,133,601; Oct. 18.
Wasson, Jones L., assignor to Standard Oil Development Company, Elizabeth, N. J. Lubricating composition and manufacturing the same. 2,133,493; Oct. 18.
Waterbury, Ronald J., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Striker plate. 2,133,602; Oct. 18.
Waterman, Hein L. J. J. Leendertse, and W. J. C. de Kok, Delft, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Reacting fluid reagents. 2,133,735; Oct. 18.
Waters, Harry F., New York, N. Y. Wirelessly energized electrical appliance. 2,133,494; Oct. 18.
Wautelet, Camille E., Woluwe-Saint-Pierre, Brussels, Belgium. Air conditioning process. 2,133,677; Oct. 18.
Weatherhead, Albert J., Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Hose coupling and making same. 2,133,313; Oct. 18.
Weatherhead Company, The. (See Weatherhead, Albert J., assignor.)
Webb, Wesley D., Milwaukee, Wis., assignor to Mac-it-Parts Company, Lancaster, Pa. Closed head socket-head screw or bolt. 2,133,409; Oct. 18.
Weiss, Adolph, Brooklyn, N. Y. Inking mechanism for rotary intaglio printing machines. 2,133,881; Oct. 18.
Wells, Wesley B., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Light signal. 2,133,603; Oct. 18.
Wells, Wesley B., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Manufacturing knife-edge members for knife-edge bearings. 2,133,604; Oct. 18.
Western Electric Company. (See Deitz, Louis S., Jr., assignor.)
Western Electric Company. (See Roscoe, Robert, assignor.)
Whelton, John M., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for assembling shoe parts. 2,133,314; Oct. 18.
Whistler, Lawrence V., Kenmore, W. H. Saabye, and W. E. Tingler, assignors to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Machine for assembling fins and tubes. 2,133,932; Oct. 18.
Wiener, Louis J., Brooklyn, N. Y. Bed and accessory therefor. 2,133,369; Oct. 18.
Wiesmeier, Albert C., Kimmswick, Mo. Internal combustion engine. 2,133,775; Oct. 18.
Wikstrom, Alfred, Denver, Colo. Plumb and level. 2,133,605; Oct. 18.
Wild, Edward. (See Bliss, H. N., and Wild.)
Wiley, William R., Detroit, Mich. Clip. 2,133,837; Oct. 18.
Willets, William C., Glendale, assignor to Elysian Spring Water & Bottling Company, Los Angeles, Calif. Water cooler and dispenser. 2,133,678; Oct. 18.
Willey, Fay H., Detroit, Mich. Making a hard and compact metal for use in formation of tools, dies, etc. 2,133,495; Oct. 18.
Willey, Richard W. (See Richardson, B. E., and Willey.)
Willfong, Jack I. (See Maroney, J. G., and Willfong.)
Williams, C. K., & Co. (See Ayers, Joseph W., assignor.)
Williams, Harold E., Carthage, Mo. Upholstery. 2,133,762; Oct. 18.
Williams, Lawrence S., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Recording track scale. 2,133,760; Oct. 18.
Williams, Lawrence S., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Force measuring instrument. 2,133,763; Oct. 18.
Wilson, Harold D., Gloucester, and W. N. Heath, Rockport, Mass., assignors to Birdseye Electric Company, Dover, Del. Electric lamp. 2,133,940; Oct. 18.
Wilson, William C., and C. E. Fawkes, assignors to Pyroxylin Products Incorporated, Chicago, Ill. Coating and adhesive composition and making the same. 2,133,335; Oct. 18.
Wingfoot Corporation. (See Clifford, Albert M., assignor.)
Wingfoot Corporation. (See Lichty, Joy G., assignor.)
Wingfoot Corporation. (See Scott, Winfield, assignor.)
Winkler, Fritz, and P. Feiler, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Gas generating process. 2,133,496; Oct. 18.
Winston, Frank T., Forest Hills, Long Island, N. Y., assignor, by mesne assignments, to Shower Sales Corporation. Metallic shower-bath cabinet. 2,133,497; Oct. 18.
Winter, Alfred. (See Engel, G., and Winter.)
Wiremold Company, The. (See La Ducer, Arthur O., assignor.)
Wirkler, Walter H., Des Moines, assignor, by mesne assignments, to Collins Radio Company, Cedar Rapids, Iowa. Distortion reducing system in modulated amplifiers. 2,133,410; Oct. 18.
Woeltjen, Emil J., Chicago, Ill. Dispensing device. 2,133,679; Oct. 18.
Woods, Jesse D. (See Harvey, W. D., and (Marshall, assignor).)
Wussow, Reinhard, Charlottenburg, and F. W. Feehner, Hamburg, Germany. Ice making apparatus. 2,133,521; Oct. 18.
Wyrick, Clayton E., Wyandotte, Mich., assignor to The Egry Register Company, Dayton, Ohio. Autographic register. 2,133,522; Oct. 18.
Yankee Metal Products Corp. (See Reed, Daniel E., assignor.)
York, Archibold N., Geneva, assignor to American Can Company, New York, N. Y. Can closing machine. 2,133,315; Oct. 18.
Yosemite Portland Cement Corporation. (See Larmour, H. M., and Pierce, assignors.)
Young, Henry S. (See McCann, R. A., and Young.)
Ziemmerman, Henry, assignor to Chicago Cardboard Company, Chicago, Ill. Folding display holder. 2,133,336; Oct. 18.
Zohe, Ludwig A., Syracuse, N. Y. Baby nurser. 2,133,411; Oct. 18.
Zvanut, Joseph, Aurora, Ill. Clothesline reel. 2,133,337; Oct. 18.
Zworykin, Vladimir K., Philadelphia, Pa., assignor to Radio Corporation of America. Television system. 2,133,882; Oct. 18.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 18TH DAY OF OCTOBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Base, Vault. R. E. Smith. Re. 20,889; Oct. 18.
Cushioning device. J. Mercier. Re. 20,887; Oct. 18.
Flap and balance, Control. L. R. Tower. Re. 20,891; Oct. 18.
Knob, Steering wheel spinner. J. R. Thorp. Re. 20,890; Oct. 18.
Liquid separating device. J. F. Kopsa. Re. 20,885; Oct. 18.
Load transfer device for roadways. L. B. Johnson. Re. 20,886; Oct. 18.
Loader, Power. J. L. Clarkson. Re. 20,883; Oct. 18.
Roll, Pin feed platen. J. Q. Sherman. Re. 20,888. Oct. 18.
Wheeled structure, Compensating. W. F. Herold. Re. 20,884; Oct. 18.

LIST OF PLANT INVENTIONS

Rose. I. Ringdahl. 295; Oct. 18.

LIST OF DESIGN INVENTIONS

Automobile. W. L. Morrison. 111,840–1; Oct. 18.
Badge. D. B. Gibbs. 111,763; Oct. 18.
Bait, Casting. C. D. Stickrath. 111,797; Oct. 18.
Blowpipe. L. W. Young. 111,800; Oct. 18.
Bookmark and holder clip, Combined. R. F. Brennan. 111,781; Oct. 18.
Bottle. C. C. Myers. 111,793; Oct. 18.
Bottle. J. L. Wiener. 111,821; Oct. 18.
Boutonniere, Artificial flower. F. N. Lewis. 111,773; Oct. 18.
Bracelet. J. Balme. 111,779; Oct. 18.
Buffet. L. Jiranek. 111,768; Oct. 18.
Bumper extension, Automobile. L. A. Koch, Jr. 111,785; Oct. 18.
Candle, Translucent. W. Seaver. 111,775; Oct. 18.
Case or the like, Tip-over switch. P. S. Bear and H. E. Bucklen. 111,780; Oct. 18.
Casing, Electric remote controller. L. J. Andres. 111,777–8; Oct. 18.
Check or similar article. R. Connor. 111,825; Oct. 18.
Clip or the like, Pin. F. E. Karples. 111,769; Oct. 18.
Coat or similar article, Beach. L. C. Asch. 111,827; Oct. 18.
Coat. P. H. Bailey. 111,803; Oct. 18.
Coat. D. Gerelick. 111,762; Oct. 18.
Coat. S. C. Klein. 111,810; Oct. 18.
Coat. M. L. Romer. 111,816; Oct. 18.
Coat. J. A. Silverman. 111,818; Oct. 18.
Coat. D. Zelinka. 111,823; Oct. 18.
Covering, Floor. H. J. Muller. 111,815; Oct. 18.
Curtain or similar article. G. F. Erhard. 111,737–58; Oct. 18.
Dress. J. Abbate. 111,801–2; Oct. 18.
Dress. M. Cohn. 111,828; Oct. 18.
Dress. T. Coleman. 111,829–32; Oct. 18.
Dress. J. Dubilrer. 111,806; Oct. 18.
Dress. A. Engel. 111,834; Oct. 18.
Dress. B. Fried. 111,835; Oct. 18.
Dress. S. C. Klein. 111,837; Oct. 18.
Dress. M. Stone. 111,844; Oct. 18.
Dress. O. Wusits. 111,822; Oct. 18.
Fabric or similar article, Textile. M. Turpan. 111,820; Oct. 18.
Fabric, Quilted. W. G. Miller. 111,813; Oct. 18.
Fabric, Textile. L. Lazare. 111,838; Oct. 18.
Fabric, Woven textile. R. L. Kahle. 111,809; Oct. 18.
Fan, Electric. G. R. Lum. 111,839; Oct. 18.
Flag and staff, Combined. F. Frazier. 111,761; Oct. 18.
Fortune teller's bob. C. A. Buds. 111,782; Oct. 18.
Freezer, Domestic ice cream. H. J. Kettleborough. 111,772; Oct. 18.
Hair drying apparatus. M. H. Cearn. 111,805; Oct. 18.
Handle for a casket or analogous article. R. Larson. 111,787; Oct. 18.
Handle for a casket or analogous article. R. Larson. 111,789; Oct. 18.
Handle for a casket or analogous article. R. Larson. 111,791; Oct. 18.
Handle, Gear shift lever. H. W. Hey. 111,836; Oct. 18.
Jacket, Fur. M. Kaufman. 111,770; Oct. 18.
Jar, Straw dispensing. B. M. Oswell. 111,794; Oct. 18.
Lace, Embroidered. M. Seidel. 111,842–3; Oct. 18.
Link for a floor mat. H. W. Bell. 111,804; Oct. 18.
Mount, Photographic card. J. E. Russell. 111,795; Oct. 18.
Nozzle, Spray. E. B. Frame. 111,807; Oct. 18.
Panel for outboard motors, Control. J. R. Morgan. 111,814; Oct. 18.
Paper drilling machine. W. K. Mick. 111,812; Oct. 18.
Plaque or analogous article, Decorative wall. A. A. Nudell. 111,774; Oct. 18.
Plate for automobiles, Display. M. A. Gould. 111,764; Oct. 18.
Plate for a casket or analogous article, Corner. R. Larson. 111,786; Oct. 18.
Plate for a casket or analogous article, Corner. R. Larson. 111,788; Oct. 18.
Plate for a casket or analogous article, Corner. R. Larson. 111,790; Oct. 18.
Plate or similar article. A. Stern. 111,819; Oct. 18.
Projector, Combined phonograph and picture. S. C. Volney. 111,798; Oct. 18.
Rack, Combined lamp and pipe. F. N. Mariani. 111,792; Oct. 18.
Rack, Tumbler. A. J. Havlis. 111,767; Oct. 18.
Radio program reminder. C. A. Conkle. 111,833; Oct. 18.
Rug. M. Feldman. 111,760; Oct. 18.
Shaver, Electric. S. Van Tuyl and E. E. Collison. 111,776; Oct. 18.
Shoe. C. E. Hosker. 111,808; Oct. 18.
Slipper or similar article, Convertible cuff. E. Cadous. 111,783; Oct. 18.
Stocking or similar article. P. Gerton. 111,784; Oct. 18.
Support and display cabinet, Combined bottle. P. A. De Sabato. 111,736; Oct. 18.
Stand, Counter display. E. R. Erickson. 111,759; Oct. 18.
Symbol, School. M. F., and M. J. Warner. 111,799; Oct. 18.
Table, or the like, End. C. Andersen. 111,826; Oct. 18.
Toaster or the like, Electric. D. L. Hadley. 111,765; Oct. 18.
Toy, Figure. E. S. Savage. 111,796; Oct. 18.
Tube dispenser and article holding device, Combined. W. L. Kennedy. 111,771; Oct. 18.
Tumbler. M. O. Hansen. 111,766; Oct. 18.
Umbrella rib tip. L. Levine. 111,811; Oct. 18.
Watchcase. P. A. Schwankhaus. 111,817; Oct. 18.
Wrap, Evening. L. Zucker and H. Feigenbaum. 111,824; Oct. 18.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 18TH DAY OF OCTOBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Absorbent solution for dehydrating air, Stabilized. W. Rosett. 2,133,334; Oct. 18.
Acid calcium tetraphosphate and making the same. A. H. Fiske. 2,133,286; Oct. 18.
Acids, Preparation of alkylated aromatic sulphonic. A. A. Cook and S. V. Valjavec. 2,133,282; Oct. 18.
Acids, Purification of naphthenic. F. J. Ewing. 2,133,766; Oct. 18.
Acids, Purifying naphthenic. F. J. Ewing. 2,133,765; Oct. 18.
Acylamino phthalocyanine. B. Bienert. 2,133,340; Oct. 18.
Adjustable chair. O. F. Opperman. 2,133,471; Oct. 18.
Advertising medium. L. J. Burke. 2,133,914; Oct. 18.
Air cleaner. H. E. Altgelt. 2,133,316; Oct. 18.
Air conditioning device. E. P. Brus. 2,133,343; Oct. 18.
Air conditioning process. C. E. Wautelet. 2,133,677; Oct. 18.
Aircraft. A. Dandini. 2,133,283; Oct. 18.
Air filtering apparatus. R. S. Walker and W. S. Moore, 2,133,931; Oct. 19.
Airplane terminal. S. H. Seidman. 2,133,721; Oct. 18.
Ammonium chloride, Making. W. Hirschkind. 2,133,513; Oct. 18.
Amplifier, Intermediate frequency. L. E. Barton. 2,133,795; Oct. 18.
Amplifier, Reflection. L. W. Blau and R. W. Gemmer. 2,133,418; Oct. 18.
Antenna system for motor vehicles. G. W. Fyler. 2,133,855; Oct. 18.
Antioxidants. P. C. Jones. 2,133,297; Oct. 18.
Antisag device for doors. G. H. Rundle. 2,133,719; Oct. 18.
Antiskid mechanism, Automatic. W. F. Doriot. 2,133,659; Oct. 18.
Apparatus for assembling shoe parts. J. M. Whelton. 2,133,314; Oct. 18.
Apparatus for calculating the spacing of type for printed matter. J. D. Bolongaro. 2,133,802; Oct. 18.
Apparatus for feeding receptacle closure caps. J. A. Johnson. 2,133,353; Oct. 18.
Apparatus for indicating the variation of one quantity relatively to another quantity. E. M. Dodds. 2,133,437; Oct. 18.
Applicator, Insecticide. N. Mansfield. 2,133,898; Oct. 18.
Applicator, Insecticide. N. Mansfield and D. E. Clark. 2,133,899; Oct. 18.
Arch support, locator, and retainer. L. M. McCormick. 2,133,302; Oct. 18.
Article handling device. C. McNeillie. 2,133,557; Oct. 18.
Aryl phosphates, Apparatus for the production of. R. L. Shuman. 2,133,311; Oct. 18.
Aryl phosphates, Producing. R. L. Shuman. 2,133,310; Oct. 18.
Attachment to curling stones. E. S. Burrow. 2,133,423; Oct. 18.
Baby nurser. L. A. Zohe. 2,133,411; Oct. 18.
Balanced pump. L. G. Brotzman and R. E. Teague. 2,133,655; Oct. 18.
Bands of artificial silk, and apparatus therefor, Treatment of schappe thread. G. Campolunghi. 2,133,535; Oct. 18.
Bar: *See*—
Cutter or sickle bar.
Barrel. S. S. Battles and H. L. Ahrbecker. 2,133,796; Oct. 18.
Barrel plating apparatus. J. M. Hosdowich. 2,133,324; Oct. 18.
Barrel washing machine. C. J. Schroeder. 2,133,481; Oct. 18.
Basket carrier. M. B. Sheldon. 2,133,834; Oct. 18.
Battery installation. W. S. Saunders. 2,133,577; Oct. 18.
Battery terminals, Removing. C. H. Ballard. 2,133,371; Oct. 18.
Bed and accessory therefor. L. J. Wiener. 2,133,369; Oct. 18.
Bed, Wagon or trailer body wagon. L. B. Patrick. 2,133,902; Oct. 18.
Belt joiner. G. A. Schieren. 2,133,720; Oct. 18.
Binder, Loose leaf. G. H. J. Baule. 2,133,373; Oct. 18.
Blanks for the manufacture of boxes and machine for the working of said process, Shaping and printing cardboard. H. Bobst. 2,133,801; Oct. 18.
Block forming machine and making hollow building blocks, Multiple cement. E. O. Blackwell. 2,133,737; Oct. 18.
Blower structure. J. S. Losee. 2,133,460; Oct. 18.
Bobbin winder for sewing machines. J. D. Karle. 2,133,921; Oct. 18.
Boiler: *See*—
Humidifier boiler.
Bone setting. G. W. Hawley. 2,133,859; Oct. 18.
Bottle carrier. T. M. Stevensen. 2,133,877; Oct. 18.
Bottles, Hood capping. R. F. Huntley. 2,133,861; Oct. 18.
Box. C. A. Stopner. 2,133,590; Oct. 18.
Box for pencils and the like. R. E. Lowey. 2,133,710; Oct. 18.
Brake: *See*—
Internally expanding brake.
Brake and clutch control means for automotive delivery wagons and trucks, Auxiliary. J. B. Brown. 2,133,764; Oct. 18.
Brake holding apparatus. F. L. Darling. 2,133,891; Oct. 18.
Brake holding apparatus, Hydraulic. F. L. Darling. 2,133,538; Oct. 18.
Brake rigging, Railway. M. P. Blomberg. 2,133,531; Oct. 18.
Brake system, Air. D. F. Searle. 2,133,580; Oct. 18.
Bread wrapping machine. G. S. Baxter. 2,133,339; Oct. 18.
Bread wrapping machine. L. Ferenci. 2,133,503; Oct. 18.
Briquettes, Making ore dust. W. Millward. 2,133,751; Oct. 18.
Briquettes, Manufacturing. A. ten Bosch. 2,133,675; Oct. 18.
Broiler. L. J. Smallen. 2,133,582; Oct. 18.
Bromine, Recovering. J. J. Grebe and L. C. Chamberlain. 2,133,616; Oct. 18.
Brush and tube holder, Fountain. E. L. Hollenbeck. 2,133,295; Oct. 18.
Bubble producing and display means. D. J. Dolan. 2,133,49*x*; Oct. 18.
Buckles and the like, Covering metal. B. Scuderi and C. Callari. 2,133,482; Oct. 18.
Bulkhead for refrigerator cars. V. E. Sisson. 2,133,722; Oct. 18.
Bulldozer and the like. C. Le Bleu. 2,133,549; Oct. 18.
Bullet sizing and lubricating device. G. R. Sharp. 2,133,873; Oct. 18.
Burner. C. H. Hall and F. L. Hilder. 2,133,447; Oct. 18.
Burner for incandescent light. H. Lahde. 2,133,707; Oct. 18.
Buttonhole machine. F. A. Reece. 2,133,360; Oct. 18.
Button making machine. A. A. Scott, Jr. 2,133,906; Oct. 18.
Cab, Elevator. L. E. Klein. 2,133,621; Oct. 18.
Cabinet: *See*—
Drain cabinet. Shower-bath cabinet.
Cable: *See*—
Electric cable.
Cable and jointing the same, Oil filled. V. A. Sheals. 2,133,405; Oct. 18.
Cable and repairing the same, Electric. M. Puritz. 2,133,398–9; Oct. 18.
Cage construction. M. L. Shulman. 2,133,637; Oct. 18.
Call transmitter. C. D. Richard. 2,133,475; Oct. 18.
Calling device. H. F. Obergfell. 2,133,469; Oct. 18.
Camera, Motion picture. O. W. Githens, G. Kende, and E. M. Porter. 2,133,743; Oct. 18.
Can closing machine. A. N. York. 2,133,315; Oct. 18.
Canopy and construction pertaining thereto. P. Crosley, Jr. 2,133,846; Oct. 18.
Cap: *See*—
Detachable cap. Knitted cap.
Cap or stopper for bottles or like containers. F. Swannell. 2,133,490; Oct. 18.
Carbide composition, Cemented. G. Lucas. 2,133,867; Oct. 18.
Carbon holder. C. B. Stone. 2,133,407; Oct. 18.
Carburetor. F. E. Smith. 2,133,757; Oct. 18.
Card or sign, Advertising. G. S. Rossi. 2,133,718; Oct. 18.
Carrier: *See*—
Basket carrier. Bottle carrier.
Carton. C. H. Holmes and H. H. Chase. 2,133,701; Oct. 18.
Carton and closure therefor. J. Wagner. 2,133,930; Oct. 18.

Cartons with melted wax, Apparatus for treating. I. and M. Kotcher. 2,133,390; Oct. 18.
Case: *See*—
Filing and display case.
Caster. V. Millich. 2,133,826; Oct. 18.
Casting and making same, Thin-walled steel. A. L. Boegehold. 2,133,532; Oct. 18.
C-clamp type hand tool. P. Gelinski. 2,133,892; Oct. 18.
Cellulosic container. M. C. Meyer. 2,133,629; Oct. 18.
Cellulosic structure and making the same. C. N. Brown. 2,133,805; Oct. 18.
Cellulosic structures, Production of. N. A. Craigue. 2,133,810; Oct. 18.
Cement process and product. H. M. Larmour and S. C. Pierce, Jr. 2,133,622; Oct. 18.
Chair: *See*—
Adjustable chair.
Chair for invalids, Collapsible. F. H. Jacobs. 2,133,540; Oct. 18.
Chassis, Motor vehicle. K. Rabe and W. Boxan. 2,133,633; Oct. 18.
Chime, Musical. L. M. Alexander. 2,133,911; Oct. 18.
Cigarette making device. M. F. Hegrat. 2,133,698; Oct. 18.
Cigarette tipper. W. B. Bronander. 2,133,341; Oct. 18.
Circuit: *See*—
Electric valve circuit. Gain control circuit.
Circuit arrangement for contact-pointer thermostats and like instruments, Electric. F. G. Bloch. 2,133,888; Oct. 18.
Circuit control means. J. W. Bickel. 2,133,799; Oct. 18.
Circuit controlling mechanism. J. Schmidinger. 2,133,309; Oct. 18.
Clamp: *See*—
Overhead wire clamp. Ski clamp.
Clamp for electric arc furnace electrodes. W. H. Payne. 2,133,305; Oct. 18.
Cleaner: *See*—
Air cleaner. Vacuum cleaner.
Clip: *See*—
Spring clip.
Clip. W. R. Wiley. 2,133,837; Oct. 18.
Clock, Alarm illuminator. H. S. Swanson. 2,133,908; Oct. 18.
Closure and making closures. W. F. Kaufman. 2,133,298; Oct. 18.
Closure control. G. W. Gardiner. 2,133,614; Oct. 18.
Closure for pressure vessels. G. Ericsson and J. L. Cox. 2,133,934; Oct. 18.
Closure means, Gasoline tank. O. C. Ritz-Woller. 2,133,520; Oct. 18.
Closure, Non-refillable bottle. T. J. Taheny. 2,133,758; Oct. 18.
Clothesline holder. F. L. McConnell. 2,133,936; Oct. 18.
Clothesline reel. J. Zvanut. 2,133,337; Oct. 18.
Clothes washing installation. A. H. Pyne. 2,133,903; Oct. 18.
Clutch. C. Breer. 2,133,419; Oct. 18.
Clutch. D. Collins. 2,133,739; Oct. 18.
Clutch. C. M. Palmer. 2,133,830; Oct. 18.
Clutch mechanism. C. C. Barber. 2,133,794; Oct. 18.
Coating and adhesive composition and making the same. W. C. Wilson and C. E. Fawkes. 2,133,335; Oct. 18.
Coating apparatus. W. C. Huebner. 2,133,517; Oct. 18.
Coating machine. E. G. Daley. 2,113,933; Oct. 18.
Coating machine. W. C. Huebner. 2,133,516; Oct. 18.
Coatings to parts of rubber articles, Applying. A. L. Diller and F. F. Olson. 2,133,346; Oct. 18.
Coffee, Treating. F. J. and A. E. Mushaben. 2,133,559; Oct. 18.
Colonic irrigator, Portable. F. A. Mayberry. 2,133,626; Oct. 18.
Color screen control. R. C. Engelken. 2,133,608; Oct. 18.
Commodity transporting and cooling device. A. J. Guthrie. 2,133,856; Oct. 18.
Communication system. R. W. Deardorff. 2,133,380; Oct. 18.
Composite article. J. T. McLane. 2,133,771; Oct. 18.
Compositions for and making suspensions. J. G. Vail and C. L. Baker. 2,133,759; Oct. 18.
Compound action meter. H. L. Blum. 2,133,270; Oct. 18.
Compounds of the pyrazolanthrone series. J. Deinet. 2,133,432; Oct. 18.
Compress for steel shavings. J. G. Maroney and J. I. Willfong. 2,133,939; Oct. 18.
Condensation composition and preparing same. K. H. Hoover. 2,133,702; Oct. 18.
Condensation collector. H. J. Krackowizer. 2,133,354; Oct. 18.
Condenser: *See*—
Electrical condenser.
Conductors in cables, System and method for identification of. D. Fisher and G. B. Parker. 2,133,384; Oct. 18.
Conduit. C. Gottwald. 2,133,731; Oct. 18.
Confection, coating compound therefor, and making coating compound, Frozen. O. C. Stanger and A. Thompson. 2,133,586; Oct. 18.
Contact assembly. L. O. Parker. 2,133,472; Oct. 18.
Container: *See*—
Cellulosic container.
Container. C. J. Balin. 2,133,736; Oct. 18.
Container. H. M. Dillhoefer. 2,133,852; Oct. 18.
Container and stand, Article. W. Ehrlich. 2,133,607; Oct. 18.
Container for radio sets, Metal. E. J. Pool. 2,133,789; Oct. 18.
Container for tablets and the like, Dispensing. R. O. Baker. 2,133,651; Oct. 18.
Containers with inert gas and materials, Charging. M. Wagner. 2,133,367; Oct. 18.
Continuous heating furnace. H. F. Spencer and W. A. Morton. 2,133,673; Oct. 18.
Control apparatus. E. C. Raney. 2,133,400; Oct. 18.
Control for air conditioning apparatus, Selective. E. W. Roessler. 2,133,872; Oct. 18.
Control mechanism. W. J. Andres and R. S. Sanford. 2,133,275; Oct. 18.
Conveyer, Trolley. A. W. Lemmon. 2,133,391; Oct. 18.
Cooler and dispenser, Water. W. C. Willets. 2,133,678; Oct. 18.
Cooling system for sideboard motors. A. Lesage. 2,133,458; Oct. 18.
Copper oxide rectifying element. E. A. Harty. 2,133,745; Oct. 18.
Cord reel. D. G. Logan. 2,133,551; Oct. 18.
Coupling and making same, Hose. A. J. Weatherhead, Jr. 2,133,313; Oct. 18.
Coupling device. L. A. Miller. 2,133,558; Oct. 18.
Covering and making same, Flexible. F. M. Beegle and H. L. Andrews, Jr. 2,133,886; Oct. 18.
Covering, Building. E. R. Black. 2,133,683; Oct. 18.
Covering for freshly poured concrete. W. M. Tompkins. 2,133,641; Oct. 18.
Crib and the like, Folding. G. Thornton-Norris. 2,133,561; Oct. 18.
Curler, Hair. B. E. Beadle. 2,133,797; Oct. 18.
Current arc-welding transformer, Alternating. E. Fries. 2,133,919; Oct. 18.
Current relay, Direct. R. M. Heintz. 2,133,511; Oct. 18.
Curtain rod. M. Bayard. 2,133,268; Oct. 18.
Cushion unit forming apparatus. W. P. Cousino. 2,133,428; Oct. 18.
Cut-off machine. O. H. Jensen. 2,133,542; Oct. 18.
Cutter: *See*—
Root cutter. Well pipe cutter.
Cutter or sickle bar. D. H. Bennett. 2,133,277; Oct. 18.
Cylinder head. A. Taub. 2,133,592; Oct. 18.
Cylinder, Threshing machine. G. L. Heinlein. 2,133,451; Oct. 18.
Delivery for wrapping machines, Cooled. L. Ferencl. 2,133,348; Oct. 18.
Delivery mechanism for paper box machines. E. G. Staude. 2,133,727; Oct. 18.
Dental unit. O. H. Pieper. 2,133,332; Oct. 18.
Desk, Typewriter. J. H. Bushnell. 2,133,807; Oct. 18.
Detachable cap. H. J. Murphy. 2,133,785; Oct. 18.
Device for examining liquids. J. K. Kolb. 2,133,544; Oct. 18.
Dewaxing systems, Operating. B. Hopper and K. Kingman. 2,133,618; Oct. 18.
Di (aminoarylsulphon) amides and making the same. E. H. Northey. 2,133,787; Oct. 18.
Diaryl arylene diamines, Manufacture of. L. Meuser, W. E. Messer, and A. J. Laliberte. 2,133,825; Oct. 18.
Disintegrator. D. Rodgers. 2,133,756; Oct. 18.
Dispensing apparatus. R. Roscoe. 2,133,474; Oct. 18.
Dispensing device. W. R. Cox, M. M. Morris, and W. L. Pierce. 2,133,430; Oct. 18.
Dispensing device. E. J. Woeltjen. 2,133,679; Oct. 18.
Dispensing machine. F. W. Hoban. 2,133,453; Oct. 18.
Display holder, Folding. H. Ziemmerman. 2,133,336; Oct. 18.
Display rack. D. J. Randall. 2,133,925; Oct. 18.
Display sign. R. M. Meisel. 2,133,824; Oct. 18.
Distortion reducing system in modulated amplifiers. W. H. Wirkler. 2,133,410; Oct. 18.
Distributor for material handling apparatus, Rotary material. D. S. Neal. 2,133,396; Oct. 18.
Distributor, Ignition. J. L. Arthur. 2,133,413; Oct. 18.
Doll. E. G. Schaeffer. 2,133,635–6; Oct. 18.
Door closing and checking device. D. R. Lasier. 2,133,709; Oct. 18.
Dowel support for concrete pavement expansion joints. C. A. Lord. 2,133,553; Oct. 18.
Draft regulator. M. K. Brady. 2,133,803; Oct. 18.
Drain cabinet. D. R. McGlohon. 2,133,770; Oct. 18.
Drawing and retention mechanism for preparing and spinning machines. P. Devaux. 2,133,657; Oct. 18.
Dressing, Surgical. W. Eustis. 2,133,609; Oct. 18.
Drill grinding machine. A. A. Bahuaud. 2,133,414; Oct. 18.
Drilling machine. E. M. Gardner. 2,133,613; Oct. 18.
Drinking protector, Sanitary. V. Arato and A. Gallucci. 2,133,318; Oct. 18.
Drive for motor vehicles, Front wheel. E. R. Canfield. 2,133,536; Oct. 18.
Drive for propellers, One-way. F. W. Caldwell. 2,133,656; Oct. 18.
Drive, Variable speed. H. E. Tautz. 2,133,593; Oct. 18.
Drying, Method and apparatus for. R. H. Buckwalter. 2,133,424; Oct. 18.

Duplicating machine. R. F. Morrison. 2,133,630; Oct. 18.
Dyeing. L. H. Flett. 2,133,288; Oct. 18.
Dyes and producing the same, Ortho-hydroxyazo. W. Benade. 2,133,374; Oct. 18.
Dyes of 3,4,5,6-dibenzocarbazole, Sulphur. W. Hagge and K. Haagen. 2,133,350; Oct. 18.
Dyestuffs and products resulting from this process, Preparation in an acid medium of chromed. G. Kopp. 2,133,864; Oct. 18.
Dyestuffs, Azo. H. Schweitzer. 2,133,671; Oct. 18.
Dyestuffs, Monoazo. R. Fleischhauer. 2,133,439; Oct. 18.
Dyestuffs of the anthraquinone series. W. Dettwyler. 2,133,274; Oct. 18.
Dyestuffs of the triarylmethane series and preparing them, Chromable. W. Eckert and K. Schilling. 2,133,780; Oct. 18.
Earth's substrata, Method of and apparatus for determining the dip of the. J. Neufeld. 2,133,786; Oct. 18
Electric cable. H. G. Knoderer. 2,133,863; Oct. 18.
Electric cable, High tension. L. Emanueli. 2,133,382; Oct. 18.
Electric discharge device. C. Depew and V. L. Roncl. 2,133,434; Oct. 18.
Electric heater. C. C. Abbott. 2,133,838; Oct. 18.
Electric induction furnace. W. Rohn. 2,133,634; Oct. 18.
Electric lamp. W. W. Lillard. 2,133,299; Oct. 18.
Electric lamp. H. D. Wilson and W. N. Heath. 2,133,940; Oct. 18.
Electric switch. A. W. Krieger. 2,133,545; Oct. 18.
Electric switch. S. Ruppel. 2,133,938; Oct. 18.
Electric valve circuit. F. Hamacher. 2,133,857; Oct. 18.
Electrical appliance, Wirelessly energized. H. F. Waters. 2,133,494; Oct. 18.
Electrical condenser. F. W. Godsey, Jr. 2,133,744; Oct. 18.
Electrical system. G. W. Pierce. 2,133,642; Oct. 18.
Electrical system. G. W. Pierce. 2,133,644–6; Oct. 18.
Electrical system. G. W. Pierce. 2,133,648; Oct. 18.
Electrical system and apparatus. G. W. Pierce. 2,133,643; Oct. 18.
Electrodes of ionized vapor valves, Arrangement for controlling the control. M. Demontvignier. 2,133,850; Oct. 18.
Engine: *See*—
Internal combustion engine. U-type two-cycle engine.
Engine compressor unit. E. C. Jones. 2,133,769; Oct. 18.
Engine cooling system. J. R. Holmes. 2,133,514; Oct. 18.
Engine starting apparatus. A. Callsen. 2,133,534; Oct. 18.
Ethers suitable as dispersing agents and of preparations therefrom, Production of. C. Schoeller and J. Nuesslein. 2,133,480; Oct. 18.
Evaporator, Refrigeration. L. C. Smith. 2,133,929; Oct. 18.
Expansion joint. J. W. Heltzel. 2,133,387; Oct. 18.
Fabric: *See*—
Knitted fabric.
Fabric and knitting the same, Knitted. A. Friedmann. 2,133,323; Oct. 18.
Fabric and making the same, Warp-knit. T. H. Johnson. 2,133,935; Oct. 18.
Fair-lead. D. J. Shelton, B. Jacoby, and G. B. Heffelfinger. 2,133,406; Oct. 18.
Fastening device. H. Carlson. 2,133,425; Oct. 18.
Fastening device for jewelry. B. Mestekin. 2,133,901; Oct. 18.
Feed and making the same. C. F. Schnabel. 2,133,362; Oct. 18.
Feed mechanism for disk recording machines. L. Thompson. 2,133,596; Oct. 18.
Feeder: *See*—
Sheet feeder.
Ferro-phosphorus, Anodic oxidation of. L. H. D. Fraser. 2,133,289–90; Oct. 18.
Fibrous material, Making. H. W. Greider and M. F. Smith. 2,133,694; Oct. 18.
Filing and display case. J. H. Fedeler. 2,133,347; Oct. 18.
Film printer, Nonslip. E. W. Kellogg. 2,133,820; Oct. 18.
Films and color photographs, Production of color. P. Nešpor. 2,133,713; Oct. 18.
Firearm, Automatic. G. Engel and A. Winter. 2,133,661; Oct. 18.
Fire protection unit. J. A. Brown. 2,133,376; Oct. 18.
Fishing line float. J. D. Wallace and M. V. Sullenger. 2,133,880; Oct. 18.
Fishing lure. C. F. Barrett. 2,133,884; Oct. 18.
Fitting, Take-off. A. O. La Ducer. 2,133,706; Oct. 18.
Flaw detector for electrical conductors. E. A. Sperry, Jr., and F. H. Shepard, Jr. 2,133,725; Oct. 18.
Floating device, Infant's. W. B. Scholfield. 2,133,790; Oct. 18.
Fluid reagents, Reacting. H. I. Waterman, J. J. Leendertse, and W. J. C. de Kok. 2,133,735; Oct. 18.
Fluid treating apparatus. C. L. Howse, H. E. Brelsford, S. F. Cox, and W. P. Thomas. 2,133,819; Oct. 18.
Force measuring instrument. L. S. Williams. 2,133,763; Oct. 18.
Frame: *See*—
Spinning and like textile frame.
Fruit, Coloring. J. N. Sharma. 2,133,404; Oct. 18.
Fuel, Apparatus for burning liquid. R. M. Sherman, J. Carlberg, and G. R. Neumann. 2,133,485; Oct. 18.
Fuel, Apparatus for burning liquid. R. M. Sherman and J. Carlberg. 2,133,486; Oct. 18.
Fuel injection pump. G. A. Gillen. 2,133,813; Oct. 18.
Fuel with circulating gas, Gasifying finely divided. H. Schmalfeldt. 2,133,479; Oct. 18.
Furnace: *See*—
Continuous heating furnace. Glass melting furnace.
Electric induction furnace. Slagging furnace.
Furnace. W. Svejkovsky. 2,133,836; Oct. 18.
Furnace for producing sulphurous gas. D. Teatini. 2,133,594; Oct. 18.
Furnace linings, Heat treating. W. E. Moore and W. B. Wallis. 2,133,329; Oct. 18.
Furniture construction. B. E. Richardson and R. W. Willey. 2,133,570; Oct. 18.
Gain control circuit. L. R. Cox and D. M. Terry. 2,133,429; Oct. 18.
Game apparatus. H. R. Hawgood. 2,133,746; Oct. 18.
Game apparatus. C. W. Horton, Jr. 2,133,515; Oct. 18.
Game apparatus. A. C. Walaity. 2,133,676; Oct. 18.
Garment. J. C. Ward. 2,133,601; Oct. 18.
Garment manufacture. E. A. Lockwood. 2,133,749; Oct. 18.
Garments, Method and apparatus for washing. A. N. Spánel. 2,133,584; Oct. 18.
Gas generating process. F. Winkler and P. Feiler. 2,133,496; Oct. 18.
Gas mixing device. W. J. Linn. 2,133,623; Oct. 18.
Gas process, High pressure. W. H. Vaughan. 2,133,774; Oct. 18.
Gauge pin. H. F. Johnson. 2,133,680; Oct. 18.
Gear grinding machine. C. T. Galloway. 2,133,386; Oct. 18.
Gears, Breaking in. R. C. Moran. 2,133,828; Oct. 18.
Generator: *See*—
Magneto generator.
Gin, Air. C. Martinez. 2,133,900; Oct. 18.
Glass apparatus for chemical laboratories. W. Juffa. 2,133,705; Oct. 18.
Glass, Cover. S. L. Lebby. 2,133,664; Oct. 18.
Glass melting furnace. H. T. Brink. 2,133,654; Oct. 18.
Glass, Method of and apparatus for drawing. D. E. Gray. 2,133,662; Oct. 18.
Glassware, Method of and apparatus for annealing. D. G. Merrill. 2,133,783–4; Oct. 18.
Glassworking press. L. F. Goodrich. 2,133,767; Oct. 18.
Gold, Apparatus for separating. F. W. Brintnall. 2,133,271; Oct. 18.
Golf club grip. E. E. Hall. 2,133,695; Oct. 18.
Graph for locating the optical center of a multifocal lens. S. Sterling. 2,133,589; Oct. 18.
Grenade, Bomb or hand. R. Janeček. 2,133,541; Oct. 18.
Grid and making the same, X-ray. A. P. Freeman. 2,133,385; Oct. 18.
Grinding tool, Valve seat. J. E. Gallivan. 2,133,612; Oct. 18.
Grip for golf clubs or the like. E. E. Hall. 2,133,696; Oct. 18.
Guide, Autographic. J. A. Nichols and W. E. Flanagan. 2,133,753; Oct. 18.
Guide, Fender. D. E. Reed. 2,133,871; Oct. 18.
Gun, Metalizing spray. H. R. Forton. 2,133,504; Oct. 18.
Gyroscope. W. L. Smith. 2,133,489; Oct. 18.
Gyrovertical. W. Anscott and L. F. Carter. 2,133,793; Oct. 18.
Gyrovertical. L. F. Carter and W. Anscott. 2,133,809; Oct. 18.
Hair waving apparatus. W. V. Rife. 2,133,573; Oct. 18.
Hardware, Casket. R. Larson. 2,133,547; Oct. 18.
Harrow. W. O. Long. 2,133,897; Oct. 18.
Heat exchanger. H. C. Davis. 2,133,319; Oct. 18.
Heat treatment of welded joints. S. H. Ransom, Jr., and G. C. Fairbairn. 2,133,926; Oct. 18.
Heater: *See*—
Electric heater. Tank heater.
Oil heater. Water heater.
Solar heater.
Heater and heating system for automotive vehicles. H. C. Stearns. 2,133,488; Oct. 18.
Heel-attaching machine. J. M. Barton. 2,133,372; Oct. 18.
Heel, Rubber. L. M. Oakley. 2,133,788; Oct. 18.
Hinge. R. W. Johnson and H. E. Davis. 2,133,663; Oct. 18.
Hinge. J. Ludwig. 2,133,554; Oct. 18.
Hinge. E. Prestage. 2,133,307; Oct. 18.
Hoist. W. E. Vollmer. 2,133,910; Oct. 18.
Hoist drive and control. L. A. Trofimov. 2,133,365; Oct. 18.
Hoisting mechanism. R. C. Lamond. 2,133,822; Oct. 18.
Holder: *See*—
Carbon holder. Display holder.
Clothesline holder. Vacuum holder.
Holder. W. C. Lawson. 2,133,896; Oct. 18.
Holder for cans and the like. C. C. Dawson. 2,133,320; Oct. 18.
Honing, Apparatus for. H. R. Berard and W. D. McKeon. 2,133,375; Oct. 18.

Humidifier boiler. L. L. Turney. 2,133,599; Oct. 18.
Hydrocarbon polymers, Manufacture of. H. W. Huyser and J. A. van Melsen. 2,133,732; Oct. 18.
Hydrocarbons, Thermal treatment of. M. B. Cooke. 2,133,344; Oct. 18.
Ice converter, Dry. P. C. McAbee. 2,133,461; Oct. 18.
Ice formation, Detecting. T. M. Shaw and L. T. Alexander. 2,133,483; Oct. 18.
Ice making apparatus. R. Wussow and F. W. Fechner. 2,133,521; Oct. 18.
Impressions on cylindrical surfaces, Controlling size of printed. G. A. Goessling. 2,133,920; Oct. 18.
Indexing mechanism, Mechanical tabulator alphabetical. E. M. La Boiteaux. 2,133,865; Oct. 18.
Induction system. E. O. Schjolin. 2,133,578; Oct. 18.
Inhaler. J. A. Heidbrink. 2,133,699; Oct. 18.
Inking mechanism for rotary intaglio printing machines. A. Weiss. 2,133,881; Oct. 18.
Insulating compositions. H. E. Martin. 2,133,301; Oct. 18.
Insulation, Making tubular. H. D. Isenberg. 2,133,620; Oct. 18.
Insulator. J. C. Hostetter and J. T. Littleton. 2,133,768; Oct. 18.
Internal combustion engine. R. W. Bailey. 2,133,842; Oct. 18.
Internal combustion engine. K. H. Schlaefke. 2,133,478; Oct. 18.
Internal combustion engine. A. C. Wiesmeier. 2,133,775; Oct. 18.
Internally expanding brake. J. H. Pratt, G. E. Manley, and A. H. G. Girling. 2,133,669; Oct. 18.
Joint: *See*—
Expansion joint.
Lamp joint.
Joint for electrical conductors. J. J. Harley. 2,133,448; Oct. 18.
Joints, Liquid sealed rotating. R. J. Spargo. 2,133,487; Oct. 18.
Knee rest for automobiles. C. Girl. 2,133,443; Oct. 18.
Knife-edge members for knife-edge bearings, Manufacturing. W. B. Wells. 2,133,604; Oct. 18.
Knitted cap. D. Hutton. 2,133,619; Oct. 18.
Knitted fabric. C. R. Anderson. 2,133,840; Oct. 18.
Lamp: *See*—
Electric lamp.
Lamp joint. H. A. Perlmutter. 2,133,923; Oct. 18.
Lead, Purification of. L. S. Deitz, Jr. 2,133,433; Oct. 18.
Lead which contains bismuth, Refining. L. E. Jollivet. 2,133,327; Oct. 18.
Lens. B. Spero. 2,133,585; Oct. 18.
Lens, Contact. A. F. Dittmer. 2,133,498; Oct. 18.
Level device, Fan-type constant. L. V. McCarty. 2,133,556; Oct. 18.
Lever, Two hand safety. F. Barney. 2,133,526; Oct. 18.
Lift for bathtubs, Automatic. J. V. Stark. 2,133,587; Oct. 18.
Light: *See*—
Street light.
Light signal. W. B. Wells. 2,133,603; Oct. 18.
Lighting apparatus, Auxiliary. J. E. Brooks. 2,133,420; Oct. 18.
Lighting unit. P. A. Cullman. 2,133,378; Oct. 18.
Link structure. E. G. Mueller. 2,133,631; Oct. 18.
Liquid dispensing apparatus. J. P. Hubbell. 2,133,817; Oct. 18.
Liquid elevator, Multistage. P. Berman and L. B. Harris. 2,133,269; Oct. 18.
Liquid testing device. R. L. Stamback. 2,133,674; Oct. 18.
Liquids to scalp hair, Method and apparatus for applying. A. K. Singerman. 2,133,638; Oct. 18.
Litter. W. L. Gittings and N. N. Brown. 2,133,692; Oct. 18.
Load transmitting device for railway vehicles. J. G. Blunt. 2,133,800; Oct. 18.
Lock: *See*—
Window sash lock.
Locking device for preventing accidental loosening of separable screwed pipe joints. R. Avigdor. 2,133,841; Oct. 18.
Lubricants to the bearings of rotary shafts and the like, Supplying. J. D. Scaife. 2,133,476; Oct. 18.
Lubricating composition and manufacturing the same. J. I. Wasson. 2,133,493; Oct. 18.
Lubricating device. W. T. Pritchard. 2,133,831; Oct. 18.
Machine for assembling fins and tubes. L. V. Whistler, W. H. Saabye, and W. E. Tingler. 2,133,932; Oct. 18.
Machine for effecting relative movement between shoes and their lasts. A. Pickford. 2,133,397; Oct. 18.
Machine for shaping uppers over lasts. F. Ricks and W. N. Bray. 2,133,402; Oct. 18.
Machine for use in the preparation of paper stock. A. J. Haug. 2,133,449; Oct. 18.
Magneto generator. I. W. Cox. 2,133,686; Oct. 18.
Match book, Safety. W. C. Thomas. 2,133,909; Oct. 18.
Material, Apparatus for distributing granular or pulverulent. J. S. Bennett. 2,133,798; Oct. 18.
Material, Cutting and forming sheet. H. E. Guerin. 2,133,445; Oct. 18.
Materials, Treatment of artificial. H. C. Olpin and G. H. Ellis. 2,133,470; Oct. 18.
Matter, Compositions of. C. E. Linebarger and C. E. Linebarger, Jr. 2,133,300; Oct. 18.
Meats, Shaping and smoking. R. W. Mitchell. 2,133,667; Oct. 18.
Metal bodies, Compound. F. F. Gordon. 2,133,292; Oct. 18.
Metal bodies, Manufacture of compound. F. F. Gordon. 2,133,291; Oct. 18.
Metal bodies, Manufacture of compound. F. F. Gordon. 2,133,293–4; Oct. 18.
Metal foil, Ornamented. J. Mazer. 2,133,357; Oct. 18.
Metal for use in formation of tools, dies, etc., Making a hard and compact. F. H. Willey. 2,133,495; Oct. 18.
Metal objects, Making porous. C. Tietig. 2,133,761; Oct. 18.
Meter: *See*—
Compound action meter.
Microprojecting apparatus. J. C. Ehrlich. 2,133,321; Oct. 18.
Microscope. L. B. Hall and H. F. Kurtz. 2,133,509; Oct. 18.
Mirror for spirit levels. J. E. Torbert, Jr. 2,133,598; Oct. 18.
Molding machine. O. Onsrud. 2,133,331; Oct. 18.
Motor vehicle. F. C. Best. 2,133,652; Oct. 18.
Mounting: *See*—
Tie mounting.
Mower, Power driven lawn. F. Herge. 2,133,512; Oct. 18.
Muffler and heater, Combined. E. P. Gray. 2,133,349; Oct. 18.
Muffler, Fluid. C. H. Steenstrup. 2,133,876; Oct. 18.
Music rack. L. Wallace. 2,133,368; Oct. 18.
Musical instrument. C. O. Musser. 2,133,712; Oct. 18.
Needle, Knitting. L. G. Craft. 2,133,431; Oct. 18.
Nozzle, Fire hose. L. Dinesen. 2,133,436; Oct. 18.
Objects, System for locating the position of movable. C. B. Mirick. 2,133,303; Oct. 18.
Oil and product thereof, Treating China-wood. R. D. Bonney and W. S. Egge. 2,133,889; Oct. 18.
Oil, Apparatus for purifying lubricating. J. R. Miller. 2,133,359; Oct. 18.
Oil heater, Automatic. H. Mortier. 2,133,394; Oct. 18.
Oil, Noncorrosive lubricating. F. R. Moser. 2,133,734; Oct. 18.
Oil production apparatus. W. J. Brundred. 2,133,730; Oct. 18.
Oil products and the like, Preparation of mineral. R. E. Burk. 2,133,280; Oct. 18.
Oils, Dewaxing hydrocarbon. P. D. Barton. 2,133,338; Oct. 18.
Oils, Improving drying properties of. T. S. Hodgins. 2,133,894; Oct. 18.
Oils, Refining of. A. W. Francis. 2,133,691; Oct. 18.
Oils to produce white oils, Refining petroleum. N. E. Lemmon. 2,133,457; Oct. 18.
Oils with boron fluoride, Refining hydrocarbon distillate. A. P. Hewlett. 2,133,452; Oct. 18.
1'-chloro-1-methyl-5-nitronaphthalene and manufacturing the same. O. Hoffmann and H. Lange. 2,133,389; Oct. 18.
Opener, Oyster. J. E. Benson. 2,133,529; Oct. 18.
Optical characteristics of substances, Determining. B. O'Brien. 2,133,562; Oct. 18.
Optical reduction printer. A. W. Carpenter. 2,133,537; Oct. 18.
Overflow safety device. G. M. Lubow. 2,133,355; Oct. 18.
Overhead wire clamp. K. Eckl and O. Malterer. 2,133,660; Oct. 18.
Oxide of iron and making the same, Black. J. W. Ayers. 2,133,267; Oct. 18.
Pack, Sleeping. E. C. Robes, Jr. 2,133,717; Oct. 18.
Packages, Method of and apparatus for assembling. R. R. Brogden. 2,133,278; Oct. 18.
Packer, Well. F. McManis. 2,133,462; Oct. 18.
Packing for rotary shafts. F. Y. Nichols. 2,133,304; Oct. 18.
Packing, Shaft. E. L. Thearle. 2,133,879; Oct. 18.
Padlock, Key and permutation operated. D. M. Bell. 2,133,528; Oct. 18.
Parka. L. Shanhouse. 2,133,907; Oct. 18.
Parts by self-piercing means, Fastening. W. H. Churchill. 2,133,916; Oct. 18.
Pectin, Altering the setting time of. R. E. Cox. 2,133,273; Oct. 18.
Pedal attachment. S. M. D. Miller. 2,133,393; Oct. 18.
Pen, Fountain. B. W. Handle. 2,133,617; Oct. 18.
Peroxide compositions, Organic. F. R. Moser. 2,133,733; Oct. 18.
Petrolatumlike product. J. A. Anderson. 2,133,412; Oct. 18.
Phenol compounds, Alkyl. L. H. Flett. 2,133,287; Oct. 18.
Phonograph reproducer. H. C. Harrison. 2,133,815; Oct. 18.
Photographic device. R. Simmon. 2,133,581; Oct. 18.
Photography, Color. E. B. Middleton and A. B. Jennings. 2,133,937; Oct. 18.
Picker gathering point, Corn. J. W. Rund, Jr. 2,133,905; Oct. 18.
Picture transmitter. C. A. Castro. 2,133,844; Oct. 18.
Pile splicer. J. A. Parks and J. Upton. 2,133,563; Oct. 18.
Pin: *See*—
Gauge pin.
Pistons, Reconditioning. D. Rubin. 2,133,403; Oct. 18.
Pitter, Fruit. O. Steinwand. 2,133,588; Oct. 18.
Plate bending press. H. E. Schade. 2,133,477; Oct. 18.
Plate, Striker. R. J. Waterbury. 2,133,602; Oct. 18.

Plating from a carrier band, Removing metallic. F. R. and P. V. Coughlin. 2,133,685; Oct. 18.
Plug for closing holes made in measuring thickness. R. J. Clifton. 2,133,917; Oct. 18.
Plumb and level. A. Wikstrom. 2,133,605; Oct. 18.
Potential, System for compensating for differences in. G. A. Pulfis. 2,133,832; Oct. 18.
Power transmission. R. L. Ballantyne. 2,133,276; Oct. 18.
Press: *See*—
Glassworking press.
Printing press.
Plate bending press.
Press. R. W. Glasner and E. K. Johansen. 2,133,444; Oct. 18.
Press. R. Temple, Jr. 2,133,364; Oct. 18.
Pressure relief valve. P. S. Rosenberg. 2,133,575; Oct. 18.
Printer's tool. W. C. Edy. 2,133,501; Oct. 18.
Printing machine, Wallpaper sample. C. B. Richardson. 2,133,401; Oct. 18.
Printing press. S. D. Livingston. 2,133,459; Oct. 18.
Printing press attachment. D. R. Donnell. 2,133,658; Oct. 18.
Propeller. G. Feige. 2,133,853; Oct. 18.
Propeller, Reversible. A. P. Hunter and A. E. Pearson. 2,133,519; Oct. 18.
Protector: *See*—
Drinking protector.
Puller: *See*—
Tie puller.
Pump: *See*—
Balanced pump.
Well pump.
Fuel injection pump.
Pump unit. S. E. Larson. 2,133,708; Oct. 18.
Rack: *See*—
Display rack.
Music rack.
Rack for automobiles, Luggage. E. T. Condon. 2,133,427; Oct. 18.
Rack for refrigerator cars, Floor. V. E. Sisson. 2,133,723; Oct. 18.
Racking mechanism for knitting machines. F. Eck. 2,133,688; Oct. 18.
Radiator fin structure. W. O. Emmons. 2,133,502; Oct. 18.
Radio communication system. E. Bruce. 2,133,806; Oct. 18.
Radio receiver. W. L. Carlson. 2,133,808; Oct. 18.
Radio system for automatic control of aircraft as during landing. F. W. Dunmore. 2,133,285; Oct. 18.
Radiographs of body layers, Method of and apparatus for making. H. Chaoul. 2,133,738; Oct. 18.
Rail flaw detector mechanism. H. C. Drake. 2,133,687; Oct. 18.
Rail supporting and securing means. L. B. Armstrong. 2,133,912; Oct. 18.
Range. A. L. Smith, H. M. Parsons, and R. Quessy. 2,133,639; Oct. 18.
Ratchet clutch mechanism. H. N. Bliss and E. Wild. 2,133,777; Oct. 18.
Razor, Electric. A. C. Leigh. 2,133,665; Oct. 18.
Razor, Safety. H. H. Rud. 2,133,576; Oct. 18.
Recording mechanism for railway traffic controlling apparatus. H. A. Thompson. 2,133,640; Oct. 18.
Reel: *See*—
Clothesline reel.
Cord reel.
Reflector assembly. M. A. Addor. 2,133,839; Oct. 18.
Refractory. J. T. Singewald, Jr. 2,133,672; Oct. 18.
Refrigerating apparatus. G. E. Hulse. 2,133,818; Oct. 18.
Refrigerating apparatus. A. A. McCormack. 2,133,358; Oct. 18.
Refrigerating apparatus. D. H. Reeves. 2,133,361; Oct. 18.
Refrigerating machine. C. H. Steenstrup. 2,133,875; Oct. 18.
Register. C. W. Breen. 2,133,778; Oct. 18.
Register, Autographic. H. J. Waechter. 2,133,792; Oct. 18.
Register, Autographic. C. E. Wyrick. 2,133,522; Oct. 18.
Regulator: *See*—
Draft regulator.
Voltage regulator.
Relief valve. P. B. Drake. 2,133,381; Oct. 18.
Resinous compositions and preparing same B. W. Nordlander and M. C. Agens. 2,133,870; Oct. 18.
Resinous liquid composition. E. E. Novoty. 2,133,464; Oct. 18.
Respiratory appliance. F. R. Davis. 2,133,345; Oct. 18.
Rings, Making bimetallic finger. W. E. Eccles. 2,133,918; Oct. 18.
Rod: *See*—
Curtain rod.
Rod line pick-up tool. W. D. Harvey and L. C. Marshall. 2,133,893; Oct. 18.
Roller, Hydraulic mat. T. H. Mars and H. C. Behrens. 2,133,750; Oct. 18.
Roofing. A. C. Fischer. 2,133,854; Oct. 18.
Roofing, Apparatus for surfacing. B. S. Penley. 2,133,473; Oct. 18.
Roofing granules and manufacturing the same, Colored. P. Teetor. 2,133,728; Oct. 18.
Roofing structure. E. Talmage. 2,133,363; Oct. 18.
Root cutter, Expansible. E. J. Brooks. 2,133,342; Oct. 18.
Rubber and making the same. A. K. Epstein and B. R. Harris. 2,133,690; Oct. 18.
Rubber articles, Making. R. W. Sampson. 2,133,833; Oct. 18.
Rubber, Preserving. A. M. Clifford. 2,133,779; Oct. 18.
Rubber, Preserving. W. Scott. 2,133,791; Oct. 18.
Rubber upon fibers, Coagulating. H. W. Greider and M. F. Smith. 2,133,693; Oct. 18.
Rubber, Vulcanization of. J. G. Lichty. 2,133,782; Oct. 18.
Sand conditioning apparatus. S. B. Davies. 2,133,379; Oct. 18.
Sanding apparatus. G. S. Turner. 2,133,491; Oct. 18.
Sausage-linking machine. L. A. Molin. 2,133,463; Oct. 18.
Scale, Recording track. L. S. Williams. 2,133,760; Oct. 18.
Scraper attachment for blowtorches. M. Laskin. 2,133,922; Oct. 18.
Screw and nut for a tucking knife, Clamp. A. Gellman. 2,133,812; Oct. 18.
Screw, Knurled socketed. W. A. Purtell. 2,133,465; Oct. 18.
Screw or bolt, Closed head socket-head. W. D. Webb. 2,133,409; Oct. 18.
Screws, Method of and apparatus for making knurled socketed. W. A. Purtell. 2,133,466; Oct. 18.
Screws, Method and apparatus for making knurled socketed. W. A. Purtell. 2,133,467; Oct. 18.
Seal and reservoir construction for compressor crankshafts, Oil. E. S. H. Baars. 2,133,524; Oct. 18.
Sealer, Can. C. Nelson. 2,133,869; Oct. 18.
Sealing device. T. H. Mayfield. 2,133,555; Oct. 18.
Sealing means. H. L. Reitzes. 2,133,716; Oct. 18.
Seat: *See*—
Vehicle seat.
Seat deflector, Foldable closet. G. B. Bentz. 2,133,416; Oct. 18.
Seismic prospecting, Use of a distributed charge in. S. Sherar. 2,133,484; Oct. 18.
Sewing machines, Narrow hammer attachment for. G. L. Hinman. 2,133,700; Oct. 18.
Shade, Light. B. Janssen. 2,133,748; Oct. 18.
Sharpener, Razor blade. N. L. Dootson. 2,133,284; Oct. 18.
Shearing device and closure for liquid dispensers, Combined. R. H. Pershall. 2,133,772; Oct. 18.
Sheet feeder. E. G. Staude. 2,133,726; Oct. 18.
Sheet-pinning machine J. E. Higgins. 2,133,681; Oct. 18.
Shelf support. G. Johnson. 2,133,781; Oct. 18.
Shirt. F. M. Green. 2,133,505; Oct. 18.
Shoe. C. J. Jannings. 2,133,352; Oct. 18.
Shoe finishing machine. C. M. Bagshaw and A. Harrington. 2,133,370; Oct. 18.
Shoes, Making arch-corrective. W. M. Scholl. 2,133,579; Oct. 18.
Shower-bath cabinet, Metallic. F. T. Winston. 2,133,497; Oct. 18.
Shutter construction. E. G. Petersen and F. E. Beach. 2,133,924; Oct. 18.
Shuttlecock. R. L. Colson. 2,133,681; Oct. 18.
Side trimming and scrap cutting apparatus. G. P. Thomas. 2,133,595; Oct. 18.
Sign: *See*—
Display sign.
Signal: *See*—
Light signal.
Signal switch, Automobile. W. G. Rowe. 2,133,572; Oct. 18.
Signaling, Railway. G. R. Pflasterer. 2,133,306; Oct. 18.
Ski clamp. H. Aubert. 2,133,883; Oct. 18.
Slack-adjusting device, Automatic heat-compensated. L. C. Brisson. 2,133,533; Oct. 18.
Slagging furnace. G. P. Jackson. 2,133,703; Oct. 18.
Snap switch. C. J. Hathorn. 2,133,858; Oct. 18.
Snow diverting means for automobile windshields and the like. P. S. Riel. 2,133,927; Oct. 18.
Soap, Making milled toilet. V. Mills. 2,133,666; Oct. 18.
Soda ash, Production of dense. P. A. Keene and A. P. Julien. 2,133,455; Oct. 18.
Solar heater. C. G. Abbot. 2,133,649; Oct. 18.
Sound recording and reproducing mechanism. B. A. Proctor. 2,133,333; Oct. 18.
Spark arrester. H. Giese. 2,133,506; Oct. 18.
Speed-recording mechanism. M. Niemi. 2,133,632; Oct. 18.
Spinning and like textile frame. O. Lambert. 2,133,866; Oct. 18.
Spring clip, Securing. J. H. Van Uum. 2,133,366; Oct. 18.
Spring for cushioned seats of vehicles, Wire. M. Freund. 2,133,611; Oct. 18.
Spring unit. S. A. Walker. 2,133,408; Oct. 18.
Stabilizer. E. F. Rossman, W. A. Chryst, and R. I. Bates. 2,133,773; Oct. 18.
Starch, Manufacture of. A. H. Kelling. 2,133,543; Oct. 18.
Steel from low-grade phosphorus-containing acid iron ores, Manufacture of H. Röchling and O. Johannsen. 2,133,571; Oct. 18.
Stop, Door. H. Hansen. 2,133,351; Oct. 18.
Stopper for bottles, jars, glasses, and the like, Capsule. G. F. M. Pedersen. 2,133,565; Oct. 18.
Stopping device for yarn winding machines. J. S. McAlister and E. C. Sherman. 2,133,711; Oct. 18.
Stove. A. G. Sherman and H. E. Mills. 2,133,835; Oct. 18.

Stove, Camp. C. E. Brown. 2,133,421; Oct. 18.
Stove construction, Electric. W. E. Gundelfinger. 2,133,508; Oct. 18.
Strap and end connecter therefor, Wrist watch and bracelet. J. Kreisler and A. Szeglin. 2,133,546; Oct. 18.
Street light. P. A. Cullman. 2,133,377; Oct. 18.
String releasing means for bows. I. H. Baker. 2,133,650; Oct. 18.
Strips, Apparatus for making composition. A. C. Fischer. 2,133,441; Oct. 18.
Strips, Method and apparatus for extruding metal. S. W. Sparks. 2,133,874; Oct. 18.
Subsurface prospecting device. J. C. Bender. 2,133,776; Oct. 18.
Support: *See*—
Shell support. Tie support.
Support for accordions. M. B. Luttbeg. 2,133,356; Oct. 18.
Support for upholstered furniture, Resilient sagless. A. C. Hunter. 2,133,747; Oct. 18.
Supporting unit. C. F. Engert. 2,133,915; Oct. 18.
Suspension device, Pneumatic. R. W. Brown. 2,133,279; Oct. 18.
Switch: *See*—
Electric switch. Snap switch.
Signal switch.
Switching arrangement in coin collectors for telephone systems. H. V. Alexandersson and K. H. Blomberg. 2,133,523; Oct. 18.
Swivel, Harp. K. Berger. 2,133,913; Oct. 18.
Table and aquarium, Combined. S. E. Donohoue. 2,133,740; Oct. 18.
Tank heater, Stock watering. G. E. Henderson. 2,133,388; Oct. 18.
Target, Duel. S. L. Long. 2,133,552; Oct. 18.
Target, Memograph. R. E. Reardon. 2,133,308; Oct. 18.
Tape machine. W. Morton. 2,133,868; Oct. 18.
Telegraph repeater, Regenerative. F. S. Kinkead. 2,133,456; Oct. 18.
Telegraphy system, Automatic printing. W. G. H. Finch. 2,133,811; Oct. 18.
Telephone set, Wall. H. F. Obergfell. 2,133,468; Oct. 18.
Telephone system. G. T. Baker and J. W. McClew. 2,133,415; Oct. 18.
Telephone system. P. Bakker. 2,133,682; Oct. 18.
Telephone system. C. W. Halligan. 2,133,814; Oct. 18.
Television and the like system. C. O. Browne. 2,133,422; Oct. 18.
Television system. V. K. Zworykin. 2,133,882; Oct. 18.
Templet for marking trouser cuffs. R. C. Blach. 2,133,417; Oct. 18.
Terminal post support and heel cover. N. D. Vea. 2,133,600; Oct. 18.
Testing device for shock absorbers. R. G. Berry. 2,133,843; Oct. 18.
Thread and fabric, Textile. W. A. Dickie and R. W. Moncrieff. 2,133,435; Oct. 18.
Thread cutting temple. C. D. Brown. 2,133,729; Oct. 18.
Thread, Manufacture of artificial. H. H. Parker. 2,133,714; Oct. 18.
Thread, Method of and new and improved mechanism for producing. G. D. Kratz. 2,133,821; Oct. 18.
Thread, Producing artificial. H. H. Parker. 2,133,715; Oct. 18.
Threads from solutions of materials, Manufacture of. M. E. Cupery. 2,133,322; Oct. 18.
Tie, Concrete form. A. V. Roemisch. 2,133,574; Oct. 18.
Tie mounting. C. H. Klages. 2,133,328; Oct. 18.
Tie puller. J. A. Denton. 2,133,851; Oct. 18.
Tie support. F. Holzknecht. 2,133,296; Oct. 18.
Tire treads, Apparatus for slitting. E. Eger. 2,133,438; Oct. 18.
Toaster assembly. H. A. Smith. 2,133,583; Oct. 18.
Toaster, Electric. C. P. Lent. 2,133,392; Oct. 18.
Tone control system. P. F. G. Holst. 2,133,816; Oct. 18.
Tool: *See*—
C-clamp type hand tool. Rod line pick-up tool.
Grinding tool. Well tool.
Printer's tool.
Tool. J. E. Myer and P. E. Magerstadt. 2,133,752; Oct. 18.
Tooth brush. F. A. Jones. 2,133,704; Oct. 18.
Top, Hot. W. B. Ogden. 2,133,829; Oct. 18.
Track construction. G. B. Anthonisen. 2,133,317; Oct. 18.
Track, Model. E. Donnelley. 2,133,500; Oct. 18.
Traffic controlling apparatus, Railway. R. A. McCann and H. S. Young. 2,133,627; Oct. 18.
Transmission control, Automatic. R. E. Lassiter. 2,133,548; Oct. 18.
Tray for refrigerators, Freezing. G. S. Hill. 2,133,860; Oct. 18.
Tray, Ice. S. W. E. Andersson. 2,133,266; Oct. 18.
Tray loading device. W. L. Gerrans, Jr. 2,133,442; Oct. 18.
Truck assembly for model railway cars. S. Beutlich. 2,133,530; Oct. 18.
Tub, Dye. T. D. McClellan. 2,133,823; Oct. 18.
Tube compressor, Collapsible. H. Oscar. 2,133,754; Oct. 18.
Tube testing apparatus. F. Fausett. 2,133,610; Oct. 18.
Tubing, Draining oil well. C. J. Coberly. 2,133,272; Oct. 18.
Tubular article, Corrosion resistant. D. K. Crampton and N. W. Mitchell. 2,133,845; Oct. 18.
Tubular article, Corrosion resistant. D. K. Crampton and N. W. Mitchell. 2,133,847–8; Oct. 18.
Tuning apparatus for high frequency receiving systems. C. G. Suits. 2,133,878; Oct. 18.
Tuning receiving systems. Y. Delbord. 2,133,849; Oct. 18.
Upholstery. H. E. Williams. 2,133,762; Oct. 18.
Urea aldehyde molding compositions containing a latent curing catalyst. C. Ellis. 2,133,689; Oct. 18.
Utensil, Kitchen. T. J. Smulski. 2,133,724; Oct. 18.
U-type two-cycle engine. G. E. A. Hallett. 2,133,510; Oct. 18.
Vacuum breaking valve. J. A. Brooks. 2,133,804; Oct. 18.
Vacuum cleaner. D. M. Dow and L. H. Latta. 2,133,741; Oct. 18.
Vacuum holder. W. C. Huebner. 2,133,518; Oct. 18.
Valve: *See*—
Pressure relief valve. Vacuum breaking valve.
Valve body and making same, Forged. J. S. Forbes. 2,133,742; Oct. 18.
Valve for fuel burner systems. C. Beckman. 2,133,527; Oct. 18.
Valve for heating systems. C. B. Simoneau. 2,133,928; Oct. 18.
Valve for pilot light devices. E. H. Mueller. 2,133,395; Oct. 18.
Valve lifter or valve puller. B. Hansen. 2,133,697; Oct. 18.
Valve mechanism, Fluid actuated. N. C. Price. 2,133,569; Oct. 18.
Vapors containing phthalic anhydride, Scrubbing. H. Reichhold and C. H. B. Jarl. 2,133,904; Oct. 18.
Vehicle: *See*—
Motor vehicle.
Vehicle provided with endless or self-laying tracks. D. R. and E. R. Bomford. 2,133,653; Oct. 18.
Vehicle seat, Adjustable. R. C. Jacobs. 2,133,325; Oct. 18.
Vehicle seat, Convertible. I. B. Denton. 2,133,539; Oct. 18.
Vehicle wheel. J. H. Hunt. 2,133,454; Oct. 18.
Vending machine. G. G. Barnard. 2,133,525; Oct. 18.
Vessels, Manufacturing vacuum. H. Vatter. 2,133,492; Oct. 18.
Vibrating machine. J. T. Kerns. 2,133,862; Oct. 18.
Vibrator, Electromechanical. G. W. Pierce. 2,133,647; Oct. 18.
Voltage measuring system. H. Schuchmann. 2,133,670; Oct. 18.
Voltage regulator. E. W. Swanson. 2,133,312; Oct. 18.
Vote registering apparatus. J. A. Pereyra. 2,133,755; Oct. 18.
Warp tensioning control. A. T. Guild. 2,133,507; Oct. 18.
Water heater, Combined domestic. A. T. Johanson. 2,133,326; Oct. 18.
Water, Softening. G. W. Kuhl. 2,133,895; Oct. 18.
Wave receiving system, Ultra-short. E. Gerhard. 2,133,615; Oct. 18.
Web drying method and apparatus. B. Offen. 2,133,330; Oct. 18.
Well pipe cutter. I. J. McCullough. 2,133,628; Oct. 18.
Well pump. G. R. Brown. 2,133,890; Oct. 18.
Well tool. W. C. Erwin and C. H. Sweet. 2,133,383; Oct. 18.
Wells, Apparatus for drilling. C. B. Patton. 2,133,564; Oct. 18.
Wheel: *See*—
Vehicle wheel.
Wheel. J. Tjaarda. 2,133,597; Oct. 18.
Wheel aligning apparatus. M. Miller. 2,133,827; Oct. 18.
Whistle. F. Fortuna. 2,133,440; Oct. 18.
Wick for liquid fuel burners. N. E. Heil. 2,133,450; Oct. 18.
Winding device. K. M. Coburn. 2,133,281; Oct. 18.
Window sash lock, Automobile. D. L. Chandler. 2,133,426; Oct. 18.
Wing for aircraft. H. C. A. Potez. 2,133,668; Oct. 18.
Wire structure, Forming a. E. W. Little. 2,133,550; Oct. 18.
Wire tightener and twister. R. R. Beers. 2,133,887; Oct. 18.
Wood-wind instrument. A. Loomis. 2,133,624–5; Oct. 18.
Wringer. J. L. Perkins. 2,133,566–7; Oct. 18.
Wringer head. J. L. Perkins. 2,133,568; Oct. 18.
Yarns and the like, Apparatus for impregnating. E. C. Gwaltney. 2,133,446; Oct. 18.
Zein, Production of. L. C. Swallen. 2,133,591; Oct. 18.
Zinc dust, Process and apparatus for the manufacture of. M. H. Newell. 2,133,560; Oct. 18.
X-ray generating device. J. W. M. Du Mond. 2,133,606; Oct. 18.

CLASSIFICATION OF PATENTS

ISSUED OCTOBER 18, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number=class, second number=subclass, third number=patent number

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	15.1: 2,133,397	35—	8: 2,133,746		563: 2,133,393		41: 2,133,813		134: 2,133,331		2,133,815
	17: 2,133,314	36—	24.5: 2,133,352	75—	3: 2,133,751		46: 2,133,272		305: 2,133,892		171: 2,133,410
	2,133,370		71: 2,133,302		22: 2,133,761		155: 2,133,655	146—	19: 2,133,588	180—	43: 2,133,652
	142: 2,133,579	37—	135: 2,133,406		29: 2,133,571		218: 2,133,708	148—	16: 2,133,532		48: 2,133,536
13—	16: 2,133,305		144: 2,133,549		63: 2,133,327		220: 2,133,890		21.5: 2,133,926		68.5: 2,133,577
	35: 2,133,329	40—	20: 2,133,785		78: 2,133,433	105—	375: 2,133,723	151—	3: 2,133,841	181—	0.5: 2,133,484
15—	6: 2,133,741		42: 2,133,753		88: 2,133,560		376: 2,133,722		9: 2,133,555		49: 2,133,876
	104.30: 2,133,342		138: 2,133,718		136: 2,133,867	106—	9: 2,133,672	152—	43: Re.20,884	183—	24: 2,133,316
16—	20: 2,133,826		2,133,824		137: 2,133,495		25: 2,133,622	153—	21: 2,133,477		62: 2,133,931
	21: 2,133,423	41—	24: 2,133,357	81—	3: 2,133,752	108—	8: 2,133,854		77: 2,133,428		65: 2,133,506
	58: 2,133,614		26: 2,133,914	83—	13: 2,133,756		17: 2,133,363	154—	1: 2,133,441		77: Re.20,885
	61: 2,133,709	43—	17: 2,133,880	84—	376: 2,133,356		24: 2,133,683		2.5: 2,133,620	184—	104: 2,133,394
	111: 2,133,547		34: 2,133,884		385: 2,133,624	110—	45: 2,133,447	155—	7: 2,133,539	187—	1: 2,133,621
	135: 2,133,663	44—	10: 2,133,675		2,133,625	112—	71: 2,133,360		14: 2,133,325	188—	46: 2,133,531
	137: 2,133,351	45—	6: 2,133,570		403: 2,133,712		143: 2,133,700		30: 2,133,540		78: 2,133,669
	148: 2,133,554		82: 2,133,368		410: 2,133,911	113—	23: 2,133,869		118: 2,133,471		79.5: 2,133,533
17—	9: 2,133,529	46—	8: 2,133,499	85—	5: 2,133,366		38: 2,133,444		165: 2,133,443		265: 2,133,538
	34: 2,133,463		169: 2,133,635		2,133,812		51: 2,133,445		179: 2,133,611		2,133,891
	44.2: 2,133,667		2,133,636		9: 2,133,465		82: 2,133,315		2,133,747	189—	2: 2,133,497
18—	8: 2,133,714		180: 2,133,440		45: 2,133,409		114: 2,133,353	156—	19: 2,133,268		61: 2,133,924
	2,133,821		218: 2,133,530	86—	19: 2,133,873		121: 2,133,298	158—	13.6: 2,133,922		88: 2,133,837
	16: 2,133,906		221: 2,133,771	87—	9: 2,133,493	115—	17: 2,133,458		76: 2,133,485	191—	43: 2,133,660
	42: 2,133,788	47—	61: Pl.Pt. 295		2,133,734		34: 2,133,519		2,133,486	192—	.01: 2,133,659
	48: 2,133,805	48—	180: 2,133,623		2,133,828	117—	2: 2,133,435	164—	0.6: 2,133,628		2,133,764
	2,133,810		202: 2,133,479	12: 2,133,889	119—	5: 2,133,740		10.6: 2,133,595		46: 2,133,777
	50: 2,133,297		211: 2,133,496	19: 2,133,300		17: 2,133,637		48: 2,133,438		55: 2,133,739
	2,133,690	49—	17.1: 2,133,662	88—	14: 2,133,544		157: 2,133,898		2,133,542		67: 2,133,830
	2,133,779		35: 2,133,767		2,133,562		2,133,899		49: 2,133,868		105: 2,133,419
	2,133,791		47: 2,133,783	24: 2,133,321	120—	46: 2,133,617		98: 2,133,658		131: 2,133,526
	53: 2,133,782		2,133,784		2,133,537	122—	20: 2,133,590	166—	1: 2,133,730	193—	2: 2,133,798
	54: 2,133,715	51—	34: 2,133,375		2,133,581		32: 2,133,326		12: 2,133,462	194—	63: 2,133,453
	59: 2,133,833		52: 2,133,356		2,133,713		235: 2,133,703		19: 2,133,383		68: 2,133,525
19—	59: 2,133,900		211: 2,133,284	39: 2,133,509	123—	33: 2,133,478	*170—	163: 2,133,656	196—	13: 2,133,691
	130: 2,133,657		219: 2,133,414	54: 2,133,498		51: 2,133,842	171—	95: 2,133,670		14: 2,133,280
	134: 2,133,866		241: 2,133,612	2,133,585		53: 2,133,510		119: 2,133,919		16: 2,133,359
20—	38: 2,133,719	55—	89: 2,133,897	94: 2,133,598		55: 2,133,578		209: 2,133,686		18: 2,133,338
22—	57: 2,133,634	56—	26: 2,133,512	89—	1: 2,133,661		90: 2,133,569		229: 2,133,312		2,133,618
	147: 2,133,829		119: 2,133,905	91—	12.2: 2,133,504		122: 2,133,775		327: 2,133,647		40: 2,133,452
	206: 2,133,293		298: 2,133,277		18: 2,133,516		146.5: 2,133,799	172—	152: 2,133,365		2,133,457
23—	4: 2,133,334	60—	35.5: 2,133,853		2,133,517		178: 2,133,514		279: 2,133,400		61: 2,133,344
	63: 2,133,455	61—	63: 2,133,563		32: 2,133,446		179: 2,133,534	173—	28: 2,133,768	197—	133: Re.20,888
	100: 2,133,513	62—	8: 2,133,361		43: 2,133,473		191: 2,133,592		264: 2,133,399	198—	8: Re.20,883
	109: 2,133,286		13: 2,133,856		46: 2,133,390	124—	25: 2,133,650		266: 2,133,863		102: 2,133,396
	216: 2,133,616		72: 2,133,818		48: 2,133,933	126—	41: 2,133,582		268: 2,133,382		177: 2,133,391
	250: 2,133,733		103: 2,133,354		68: 2,133,301		2,133,835		2,133,398	200—	19: 2,133,413
	278: 2,133,594		108.5: 2,133,266		2,133,322		65: 2,133,421		2,133,405		35: 2,133,908
	284: 2,133,311		2,133,860		2,133,346		116: 2,133,836		2,133,448		59: 2,133,472
	292: 2,133,705		126: 2,133,929		2,133,886		229: 2,133,573	175—	41: 2,133,744		2,133,572
24—	133: 2,133,936		129: 2,133,343	70: 2,133,728		271: 2,133,649		182: 2,133,786		67: 2,133,858	
	241: 2,133,901		154: 2,133,678	92—	21: 2,133,693		340: 2,133,639		183: 2,133,384		113: 2,133,309
	265: 2,133,546		159: 2,133,521		2,133,694		343.5: 2,133,319		2,133,483		148: 2,133,938

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52: 2,133,590
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234— 33: 2,133,632
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236— 44: 2,133,872
45: 2,133,803
61: 2,133,928
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349: 2,133,912
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10.6: 2,133,299
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131: 2,133,507
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134: 2,133,627
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250— 11: 2,133,303
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17: 2,133,646
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27.5: 2,133,434
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33: 2,133,855
34: 2,133,385
250— 34: 2,133,738
2,133,776
35: 2,133,606
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254— 43: 2,133,851
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255— 1: 2,133,759
4: 2,133,564
257— 16: 2,133,349
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245: 2,133,307
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260— 6: 2,133,335
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22: 2,133,702
2,133,870
28: 2,133,412
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123: 2,133,591
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147: 2,133,864
163: 2,133,430
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210: 2,133,273
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312: 2,133,432
314: 2,133,340
335: 2,133,780
343: 2,133,904
418: 2,133,666
423: 2,133,894
260— 429: 2,133,787
461: 2,133,310
505: 2,133,282
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514: 2,133,765
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576: 2,133,825
614: 2,133,735
615: 2,133,480
646: 2,133,389
683: 2,133,732
261— 12: 2,133,757
112: 2,133,819
263— 15: 2,133,654
52: 2,133,673
265— 1: 2,133,763
2: 2,133,674
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267— 11: 2,133,773
15: 2,133,279
35: Re.20,887
271— 2.3: 2,133,820
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139: 2,133,676
274— 13: 2,133,596
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277— 13: 2,133,381
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277— 45: 2,133,575
280—11.37: 2,133,883
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281— 6: 2,133,778
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292— 267: 2,133,426
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305— 10: 2,133,653
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308— 121: 2,133,476
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312— 22: 2,133,807
36: 2,133,430
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U. S. GOVERNMENT PRINTING OFFICE: 1938

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Abbott Laboratories, North Chicago, Ill. Antiseptic. Serial No. 408,559; Oct. 25. Class 6.

Aderer, Julius, Inc., New York, N. Y. Porcelain material to be fused to metals in dental work. Serial No. 410,212; Oct. 25. Class 44.

Adler, Leon, doing business as Cuboker Company, Baltimore, Md. Dice games. Serial No. 410,629; Oct. 25. Class 22.

Adventures in Good Eating, Inc., Chicago, Ill. Series of directories. Serial No. 406,626; Oct. 25. Class 38.

Ak-Kwik Co. (See Jones, Eddie Z.)

Albert Laboratories. (See Binash, Albert H.)

Allied Drug Products Company, Chattanooga, Tenn. Liquid athlete's foot preparation. Serial No. 410,013; Oct. 25. Class 6.

American Beauty Macaroni Company. (See Kansas City Macaroni & Importing Co.)

American Chicle Co., Long Island City, N. Y. Confectionery. Serial No. 399,026; Oct. 25. Class 46.

American Gypsum Company, The, Port Clinton, Ohio. Acoustical tile. Serial No. 409,670; Oct. 25. Class 12.

American Hair & Felt Company, Chicago, Ill. Typewriter pads. Serial No. 403,849; Oct. 25. Class 50.

American Manganese Steel Company, Chicago Heights, Ill., now by merger The American Brake Shoe and Foundry Company. Pumps and their appurtenant parts. Serial No. 398,986; Oct. 25. Class 23.

American Pop Corn Company, Sioux City, Iowa. Bowls made of base metal. Serial No. 401,719; Oct. 25. Class 13.

American Pop Corn Company, Sioux City, Iowa. Seasoning. Serial No. 401,720; Oct. 25. Class 46.

Ames Supply Company, Inc., Chicago, Ill. Typewriter ribbons and carbon papers. Serial Nos. 407,834–5; Oct. 25. Class 11.

Apex Chemical Mfg. Corporation, Detroit, Mich. Cleaning compound. Serial No. 409,253; Oct. 25. Class 4.

Aschenbach & Miller, Incorporated, Philadelphia, Pa. Medicinal preparation. Serial No. 396,255; Oct. 25. Class 6.

Associated Distributors, Inc., Chicago, Ill. Lipstick, rouge, face powder, etc. Serial No. 410,063; Oct. 25. Class 6.

Associated Distributors, Inc., Chicago, Ill. Lipstick, rouge, face powder, etc. Serial No. 410,423; Oct. 25. Class 6.

Aster Flower Co. (See Fingerhut, Abraham.)

Austenal Laboratories, Inc., New York, N. Y. Denture base material and for dentures and denture parts. Serial No. 410,214; Oct. 25. Class 44.

Axel, Limited, New York, N. Y. Golf jackets, ski jackets, and raincoats. Serial No. 410,016; Oct. 25. Class 39.

Bamberger, L., & Co., Newark, N. J. Handbags. Serial No. 409,638; Oct. 25. Class 3.

Bavarian Brewing Co., Inc., Covington, Ky. Beer. Serial No. 406,109; Oct. 25. Class 48.

Bear Brand Hosiery Co., Kankakee and Chicago, Ill. Hosiery. Serial No. 410,129; Oct. 25. Class 39.

Ben-Burk, Inc., Boston, Mass. Bottled cocktails containing gin. Serial No. 396,258; Oct. 25. Class 49.

Binash, Albert H., doing business as Albert Laboratories, Chicago, Ill. Medicinal preparation. Serial No. 401,047; Oct. 25. Class 6.

Blackburn Products Company, The, Dayton, Ohio. Tablets for the relief of pain. Serial No. 403,985; Oct. 25. Class 6.

Bliss, Alonzo O., Medical Company, The, Washington, D. C. Liniments and laxatives. Serial No. 409,027; Oct. 25. Class 6.

Blue Swan Mills Inc., New York, N. Y. Ladies' and children's underwear. Serial No. 410,067; Oct. 25. Class 39.

Bolton, John D., Chicago, Ill. Concrete surfacing and waterproofing compound. Serial No. 410,068; Oct. 25. Class 12.

Brown & Bigelow, St. Paul, Minn. Pyrophoric pencil lighters. Serial No. 407,181; Oct. 25. Class 34.

Brown, James, Amsterdam, N. Y. Picture puzzles. Serial No. 392,081; Oct. 25. Class 22.

Brown's, J. T. S., Son Company, Early Times, Ky. Whiskey, gin, rum, etc. Serial No. 410,534; Oct. 25. Class 49.

Brownson, R., & Company, Hastings, Minn. Fly swatters. Serial No. 404,281; Oct. 25. Class 50.

Bruce, Robert, Knitwear Co. (See Paragon Knitting Mills.)

Burton-Dixie Corporation, Chicago, Ill. Mattresses, box springs, bed springs, etc. Serial No. 410,719; Oct. 25. Class 32.

C. C. M. Incorporated, Buffalo, N. Y. Ice skates, hockey sticks, baseball bats, etc. Serial No. 406,913; Oct. 25. Class 22.

California Spray Chemical Corporation, Wilmington, Del., and Richmond, Calif. Insecticides, fungicides, and germicides. Serial No. 409,990; Oct. 25. Class 6.

Carr, J. B., Biscuit Company, Wilkes-Barre, Pa. Graham crackers. Serial No. 409,154; Oct. 25. Class 46.

Carter Products, Inc., New York, N. Y. Lipstick. Serial No. 408,988; Oct. 25. Class 6.

Central Tea Company, Detroit, Mich. Soap. Serial No. 409,956; Oct. 25. Class 4.

Champion Paper and Fibre Company, The, Hamilton, Ohio. Paper. Serial No. 410,324; Oct. 25. Class 37.

Chatfield, Charles B., Woodbury, Conn. Marking boards for use in schools, etc. Serial No. 409,234; Oct. 25. Class 50.

Chunn, T. E., doing business as Chunn-Moore Mfg. Co., Hot Springs, Ark. Preparation to be added to cow's daily feed to prevent all bitter taste in milk. Serial No. 409,298; Oct. 25. Class 6.

Cleveland Metal Abrasive Co., Cleveland, Ohio. Metal abrasive for sand blasting. Serial No. 409,642; Oct. 25. Class 4.

Cleveland Standard Mfg. Co., The, Cleveland, Ohio. Auxiliary windows. Serial No. 408,008; Oct. 25. Class 12.

Collegiate Manufacturing Company, New York, N. Y. Ladies' pajamas, underwear, and slips. Serial No. 410,069; Oct. 25. Class 39.

Columbian Carbon Company, New York, N. Y. Iron oxides, carbon black, organic colors, etc. Serial No. 408,009; Oct. 25. Class 6.

Consolidated Sash & Door Company, The, Cincinnati, Ohio. Overhead garage doors. Serial No. 404,603; Oct. 25. Class 12.

Cosmos Dental Products, Inc., New York, N. Y. Phenol resin artificial dental replacement used as a base for dentures. Serial No. 410,217; Oct. 25. Class 44.

Crookes Laboratories, Incorporated, New York, N. Y. Medicinal preparation. Serial No. 409,085; Oct. 25. Class 6.

Cuboker Company. (See Adler, Leon.)

Custom Undergarment Corporation, New York, N. Y. Ladies' slips, nightgowns, panties, etc. Serial No. 409,161; Oct. 25. Class 39.

Davis, A., & Sons, Inc., Jersey City, N. J. Textile fabrics. Serial No. 396,454; Oct. 25. Class 42.

Dawson Coal Company, Dawson Springs, Ky. Coal. Serial No. 408,693; Oct. 25. Class 1.

Dewey and Almy Chemical Company, Cambridge, Mass. Liquid coating compositions. Serial No. 404,799; Oct. 25. Class 6.

Dorman, N., & Company, New York, N. Y. Cheese. Serial No. 404,590; Oct. 25. Class 46.

Durex Abrasives Corporation, Jersey City, N. J. Abrasives. Serial No. 410,174; Oct. 25. Class 4.

Ebbert, Daniel F., Wheeling, W. Va. Finger rings and pins. Serial Nos. 409,566–7; Oct. 25. Class 28.

Ellena Brothers, Etiwanda, Calif. Champagne. Serial No. 408,237; Oct. 25. Class 47.

Emery Industries, Cincinnati, Ohio. Textile oils and textile oil bases, fatty acids, etc. Serial No. 409,465; Oct. 25. Class 6.

En Vie Food Corporation, Hillside, N. J. Cocoa malted milk drink. Serial No. 409,644; Oct. 25. Class 46.

Farastan Company, The, Philadelphia, Pa. Medicinal chemical compound. Serial No. 409,916; Oct. 25. Class 6.

Faust Macaroni Company. (See Kansas City Macaroni & Importing Co.)

Fingerhut, Abraham, doing business as Aster Flower Co., New York, N. Y. Artificial flowers and novelties made with artificial flowers. Serial No. 407,461; Oct. 25. Class 40.

Fischer, Carl, Musical Instrument Co. Inc., New York, N. Y. Piano accordions. Serial No. 410,256; Oct. 25. Class 36.

Florsheim Shoe Company, The, Chicago, Ill. Shoes. Serial No. 409,809; Oct. 25. Class 39.

Fox, G., & Co. Inc., Hartford, Conn. Denatured alcohol, powdered alum, antiseptic mouthwash, etc. Serial No. 408,094; Oct. 25. Class 6.

Fresh Fruit Juices, Inc., Lakeland, Fla. Canned fruit juices. Serial No. 408,697; Oct. 25. Class 46.

Gallager, A. J. (See Langbein, Gustav, Jr.)

Gamble Stores Incorporated, Minneapolis, Minn. Antifreeze. Serial No. 409,610; Oct. 25. Class 6.

Garcia, Donato P., Washington, D. C. Medicines. Serial No. 409,612; Oct. 25. Class 6.

Geffen Industries, Inc., Long Island City, N. Y. Wine. Serial No. 408,771; Oct. 25. Class 47.

General Beautilities Co. (See Kremer, George.)

General Fireproofing Co., The, Youngstown, Ohio. Folders. Serial No. 409,267; Oct. 25. Class 37.

General Tire & Rubber Company, The, Akron, Ohio. Tires. Serial No. 410,106; Oct. 25. Class 35.

Ghose, Satish C., doing business as India Incense Company, Chicago, Ill. Incense. Serial No. 402,596; Oct. 25. Class 6.

Glazo, Inc., East Rutherford, N. J. Preparation for coating and treating the nails. Serial No. 406,215; Oct. 25. Class 6.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Glidden Company, The, Cleveland, Ohio. Soybean meal product. Serial No. 406,641; Oct. 25. Class 46.
Golden State Company, Ltd., San Francisco, Calif. Product consisting of skim milk solids in powder form. Serial No. 408,920; Oct. 25. Class 46.
Golden State Company, Ltd., San Francisco, Calif. Product consisting of skim milk solids in powdered form. Serial No. 409,685; Oct. 25. Class 46.
Goldstein, Hiram, doing business as Utility Products Company, Buffalo, N. Y. Carbon remover. Serial No. 410,503; Oct. 25. Class 6.
Goodwin Citrus Association, Mission, Tex. Fresh citrus fruits. Serial No. 407,374; Oct. 25. Class 46.
Grand Lodge of the International Association of Machinists, The, Washington, D. C. Razors and razor blades, hair clippers, meat saws, etc. Serial No. 409,357; Oct. 25. Class 23.
Grant, W. T., Company, New York, N. Y. Women's hose. Serial No. 410,223; Oct. 25. Class 39.
Groff, Robert E., doing business as Soilmaster Company, Berrien Springs, Mich. Soil nutriment. Serial No. 410,224; Oct. 25. Class 10.
Hamaguchi, Hiroe, Osaka, Japan. Chesses and chessmen for spelling games. Serial No. 409,876; Oct. 25. Class 22.
Hansen Glove Corporation, Milwaukee, Wis. Gloves. Serial No. 409,358; Oct. 25. Class 39.
Harris Dunn Corporation, New York, N. Y. Cigarette cases and humidors. Serial No. 408,753; Oct. 25. Class 8.
Hathaway, C. F., Company, Waterville, Maine. Shirts and sport coats, undershirts and shorts, etc. Serial No. 409,569; Oct. 25. Class 39.
Havre, J. B., doing business as J. B. Havre & Co., San Francisco, Calif. Canned fruit. Serial No. 406,094; Oct. 25. Class 46.
Hearst Magazines Inc., New York, N. Y. Magazine. Serial No. 405,022; Oct. 25. Class 38.
Heinsen, Walter A., Chicago, Ill. Photographs. Serial No. 409,842; Oct. 25. Class 38.
Heinz, H. J., Company, Pittsburgh, Pa. Tomato juice. Serial No. 395,826; Oct. 25. Class 46.
Helmer-Staley, Inc., Chicago, Ill. Paint in stick form. Serial No. 404,806; Oct. 25. Class 16.
Hills, Russell B., doing business as Michigan Pop Corn Company, Grand Rapids, Mich. Canned and bagged popped corn. Serial No. 408,501; Oct. 25. Class 46.
Hilston Products Company, Chicago, Ill. Preparation for treatment of hemorrhoids. Serial No. 409,522; Oct. 25. Class 6.
Hondroulis Bros. Inc., Baltimore, Md. Olive oil, olives, canned vegetables, etc. Serial No. 406,925; Oct. 25. Class 46.
Horrocks-Ibbotson Company, Utica, N. Y. Fishing tackle. Serial No. 410,431; Oct. 25. Class 22.
Horton Manufacturing Company, Fort Wayne, Ind. Washing machines. Serial No. 403,177; Oct. 25. Class 24.
Hunter Packing Company, East St. Louis, Ill. Canned tamales. Serial No. 402,187; Oct. 25. Class 46.
Hunter, Roy A., Vancouver, British Columbia, Canada. Flour, bread, and crackers. Serial No. 408,949; Oct. 25. Class 46.
Hush Company. (See Kirstein, Estelle A.)
India Incense Company. (See Ghose, Satish C.)
Insco Publishing Company. (See Teran, Edward.)
International Shoe Co., St. Louis, Mo. Boots and shoes. Serial No. 409,238; Oct. 25. Class 39.
International Silver Company, Meriden, Conn. Flat-ware. Serial No. 410,110; Oct. 25. Class 28.
Jaschke, Otto, doing business as Jaschke Chemical Company, Crowley, La. Boiler compounds. Serial No. 409,649; Oct. 25. Class 6.
Jones, Eddie Z., doing business as Ak-Kwik Co., Paris, Tenn. Medicine. Serial No. 409,040; Oct. 25. Class 6.
Jubilee Manufacturing Company, Omaha, Nebr. Electrically actuated automobile horns. Serial No. 408,755; Oct. 25. Class 21.
Kansas City Macaroni & Importing Co., doing business as Faust Macaroni Company and American Beauty Macaroni Company, Kansas City, Mo. Canned food preparation. Serial No. 408,802; Oct. 25. Class 46.
Kellogg Company, Battle Creek, Mich. Publication or publications. Serial No. 400,819; Oct. 25. Class 38.
Kirschman, Lewis, New York, N. Y. Card game. Serial No. 410,036; Oct. 25. Class 22.
Kirstein, Estelle A., doing business as Hush Company, Philadelphia, Pa. Toilet preparations, preparation for the hands and lips and a hair dyeing preparation. Serial No. 409,469; Oct. 25. Class 6.
Kleven Shoe Co., Spencer, Mass. Shoes. Serial No. 408,279; Oct. 25. Class 39.
Knickerbocker Clothing Company, St. Louis, Mo. Suits, topcoats, overcoats, etc. Serial No. 408,718; Oct. 25. Class 39.
Krause, Chas. A., Milling Company, Greenfield, Wis. Food products. Serial No. 407,580; Oct. 25. Class 46.
Kremer, George, doing business as General Beautilities Co., New York, N. Y. Hair coloring preparation. Serial No. 409,471; Oct. 25. Class 6.
Krom Laboratories, Inc., Kingston, N. Y. Bath emulsion. Serial No. 409,472; Oct. 25. Class 6.
Krom Laboratories, Inc., Kingston, N. Y. Liquid preparation to be added to warm water in rinsing stockings, etc. Serial No. 409,576; Oct. 25. Class 6.
Kydo Mothproofing Corporation, Boston, Mass. Mothproofing preparations. Serial No. 409,923; Oct. 25. Class 6.
Laboratoires Valdor, Société à Responsabilité Limitée, Puteaux, France. Rouge, beauty products, beauty milk, etc. Serial No. 407,989; Oct. 25. Class 6.
Langbein, Gustav, Jr., doing business as A. J. Gallager, Philadelphia, Pa. Artificial fly books used for carrying fishing flies. Serial No. 409,688; Oct. 25. Class 22.
La Rosa, Joseph, & Sons, Modesto, Calif. Fresh grapes. Serial No. 409,131; Oct. 25. Class 46.
Laucks, Irving F., Seattle, Wash. Fabricated wood wall construction unit. Serial No. 393,498; Oct. 25. Class 12.
Lehmann, George A., Brooklyn, N. Y. Skin cream, hand lotion, cleansing lotion, etc. Serial No. 405,397; Oct. 25. Class 6.
Liddell, William, & Co., Ltd., Belfast, Northern Ireland. Bedspreads, tablecloths, napkins, etc. Serial No. 403,552; Oct. 25. Class 42.
Lion Brand Products Co. (See Musolino Lo Conte Co.)
Liquor Publications, Inc., New York, N. Y. Periodical. Serial No. 409,476; Oct. 25. Class 38.
Loewus, G., & Co., Inc., Newark, N. J. Wines. Serial No. 392,156; Oct. 25. Class 47.
Lutton, William H., Company, Jersey City, N. J. Hydraulic ventilating sash lifts. Serial No. 408,428; Oct. 25. Class 34.
M & R Dietetic Laboratories, Inc., Columbus, Ohio. Condensed milk product. Serial No. 408,388; Oct. 25. Class 46.
Martin, Albert, New Orleans, La. Cocktails. Serial No. 410,331; Oct. 25. Class 49.
Marvin, W. B., Manufacturing Co., The, Urbana, Ohio. Louver window ventilators. Serial No. 396,273; Oct. 25. Class 34.
McNamara, Michael, Varnish Works, Inc., Detroit, Mich. Paints, varnishes, and paint enamels. Serial No. 409,650; Oct. 25. Class 11.
Meckel, Paul A., Berlin, Germany. Medicines. Serial No. 397,907; Oct. 25. Class 6.
Michel Export Company, Inc., New York, N. Y. Textile soaps. Serial No. 402,134; Oct. 25. Class 4.
Michigan Pop Corn Company. (See Hills, Russell B.)
Midland Container Corporation, New York, N. Y. Paper containers. Serial No. 407,878; Oct. 25. Class 2.
Miller, Alice F., Chicago, Ill. Combined cape and visor. Serial No. 406,651; Oct. 25. Class 39.
Miracle Products, Inc., Chicago, Ill. Electrical goods. Serial No. 397,369; Oct. 25. Class 21.
Musolino Lo Conte Co., doing business as Lion Brand Products Co., Boston, Mass. Macaroni. Serial No. 408,165; Oct. 25. Class 46.
National Carbon Company, Inc., New York, N. Y. Carbons for use in therapeutic arc lamps, etc. Serial No. 410,420; Oct. 25. Class 44.
National Fur Coat Co., Inc., New York, N. Y. Fur skins of seal dyed coney. Serial No. 395,874; Oct. 25. Class 1.
National Silver Company, New York, N. Y. Flatware, hollow ware, and tableware. Serial No. 410,043; Oct. 25. Class 28.
Nichols, Kendrick S., doing business as Nichols Food Products Company, St. Paul, Minn. Buttered and salted popcorn. Serial No. 409,583; Oct. 25. Class 46.
Nicholas, George L., Jr., doing business as Nicholas Novelties, Lake Station, Ruxton, Md. Game. Serial No. 410,493; Oct. 25. Class 22.
Nieder, William H., doing business as Snap Chemical Company, Chicago, Ill. Cleaner for jewelry, rare metals, jewels, etc. Serial No. 405,367; Oct. 25. Class 4.
Pantelides, L., Inc., New York, N. Y. Fur skins and pelts. Serial No. 406,262; Oct. 25. Class 1.
Paragon Knitting Mills, doing business as Robert Bruce Knitwear Co., Philadelphia, Pa. Knitted outerwear. Serial No. 408,894; Oct. 25. Class 39.
Paragon Oil Co. Inc., Brooklyn, N. Y. Antifreeze preparation. Serial No. 406,875; Oct. 25. Class 6.
Pearce & Friedman, Inc., New York, N. Y. Leather. Serial No. 409,435; Oct. 25. Class 1.
Penick & Ford, Ltd. Incorporated, New York, N. Y. Sugar cane syrup and molasses. Serial No. 409,934; Oct. 25. Class 46.
Penick & Ford, Ltd. Incorporated, New York, N. Y. Sugar cane syrups and molasses. Serial No. 409,936; Oct. 25. Class 46.
Perfect Foods, Inc., Lansdale, Pa. Popcorn coated with syrup. Serial No. 394,908; Oct. 25. Class 46.
Philadelphia Bar Association, Philadelphia, Pa. Periodical. Serial No. 402,442; Oct. 25. Class 38.
Philadelphia Wholesale Drug Company, Philadelphia, Pa. Combs. Serial No. 408,729; Oct. 25. Class 40.
Pickands, Alexander B., Chicago, Ill. Dentures. Serial No. 409,283; Oct. 25. Class 44.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Picot Laboratories, Inc., Wilmington, Del. Medicinal preparation. Serial No. 409,587; Oct. 25. Class 6.
Poirette Corsets, Inc., New York, N. Y. Foundation garments, corsets, etc. Serial No. 409,779; Oct. 25. Class 39.
Poythress, Wm. P., & Co. Inc., Richmond, Va. Preparation for treatment of nervous and undernourishment disorders. Serial No. 409,620; Oct. 25. Class 6.
Premier-Pabst Corporation, Peoria Heights, Ill. Beer. Serial No. 410,085; Oct. 25. Class 48.
Printz Biederman Company, The, Cleveland, Ohio. Women's coats and suits. Serial No. 408,967; Oct. 25. Class 39.
Quaker Stretcher Company, Kenosha, Wis. Curtain stretchers. Serial No. 398,654; Oct. 25. Class 50.
Radium Emanation Corporation, The, New York, N. Y. Secondary filters. Serial No. 410,266; Oct. 25. Class 44.
Rawlplug Company, Inc., The, New York, N. Y. Fibre screw anchors. Serial Nos. 404,415–7; Oct. 25. Class 12.
Rochelle Asparagus Company, Rochelle, Ill. Canned asparagus. Serial Nos. 397,152–3; Oct. 25. Class 46.
Rothchild, Aaron, New York, N. Y. Ladies' hats. Serial No. 409,828; Oct. 25. Class 39.
Royal Petroleum Corporation, New York, N. Y. Fuel and heating oils. Serial No. 410,005; Oct. 25. Class 15.
Sani Aqua Shower Curtains, Inc., New York, N. Y. Shower curtains and bathroom ensembles, etc. Serial No. 407,607; Oct. 25. Class 13.
San-Nap-Pak Mfg. Co. Inc., New York, N. Y. Bathroom and toilet tissue. Serial No. 409,978; Oct. 25. Class 37.
Sanus Products, Inc., New York, N. Y. Soft drink. Serial No. 410,092; Oct. 25. Class 45.
Schieffelin & Co., New York, N. Y. Injectable solution of sulfur and sulfur compounds. Serial No. 408,288; Oct. 25. Class 6.
Sears, Roebuck and Co., Chicago, Ill. Lubricating oil. Serial No. 404,494; Oct. 25. Class 15.
Shevitz, Max, Los Angeles, Calif. Dresses, shorts, robes, etc. Serial No. 405,825; Oct. 25. Class 39.
Sisal Pad & Spring Unit Co., Chicago, Ill. Spring-units. Serial No. 406,734; Oct. 25. Class 32.
Sitroux Company, Inc., The, New York, N. Y. Cosmetics. Serial No. 409,286; Oct. 25. Class 6.
Snap Chemical Company. (See Nieder, William H.)
Société Anonyme Revillon Frères, Paris, France. Detergent preparations. Serial No. 408,901; Oct. 25. Class 4.
Society of Chemical Industry in Basle, Basel, Switzerland. Water-soluble dyestuffs for acetate rayon. Serial No. 409,893; Oct. 25. Class 6.
Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Petroleum waxes. Serial No. 410,441; Oct. 25. Class 15.
Soilmaster Company. (See Groff, Robert E.)
Sordillo, Joseph L., Baltimore, Md. Candy. Serial No. 408,583; Oct. 25. Class 46.
Southern Steel Barrel Co. Inc., New Orleans, La. Steel barrels, drums, pails, etc. Serial No. 409,213; Oct. 25. Class 2.
Spice Mill Publishing Co., The, New York, N. Y. Publications. Serial No. 406,659; Oct. 25. Class 38.
Stanley Works, The, New Britain, Conn. Bolts, latches, and catches, etc. Serial No. 405,742; Oct. 25. Class 25.
Steiner-Liberty Corporation, Baltimore, Md. Sleeping garments, nightshirts, and underwear. Serial No. 409,214; Oct. 25. Class 39.
Steinke, William, New York, N. Y. Preparation for bath salts. Serial No. 409,823; Oct. 25. Class 6.
Sterett, D. R., & Margaret H. Sterett, Leavenworth, Kans. Salve. Serial No. 409,288; Oct. 25. Class 6.
Stockholders Publishing Company, Inc., Los Angeles, Calif. Column in a daily newspaper. Serial No. 408,663; Oct. 25. Class 38.
Sunnybrooks Labs., New York, N. Y. Skin cream and lotion, complexion dressing, and face powder. Serial No. 409,415; Oct. 25. Class 6.
Swan-Finch Oil Corporation, New York, N. Y. Fuel oil, kerosene, gasoline, etc. Serial No. 400,476; Oct. 25. Class 15.
Syndicate Clothing Company, Cedar Rapids, Iowa. Suits, topcoats, and overcoats. Serial No. 409,944; Oct. 25. Class 39.
Taraday Products Co. Inc., St. Louis, Mo. Aspirin, cascara bromide quinine tablets, and laxatives. Serial No. 403,739; Oct. 25. Class 6.
Teran, Edward, doing business as Insco Publishing Company, Hartford, Conn. Periodical. Serial No. 409,495; Oct. 25. Class 38.
Thrasa Oil Company, Bellingham, Wash. Oil used for medicinal purposes. Serial No. 409,449; Oct. 25. Class 6.
Tire Tractor Corporation, Rosemont, Pa. Antiskid chains. Serial No. 408,864; Oct. 25. Class 13.
Tropic-Aire, Incorporated, Chicago, Ill. Air heating, air cooling, and ventilating units. Serial No. 408,865; Oct. 25. Class 34.
Tru-Shot Corporation, Detroit, Mich. Shooting range cabinet. Serial No. 401,035; Oct. 25. Class 22.
Turmac Specialties Company, Berkeley, Calif. Hand-cream and shampoo. Serial No. 409,372; Oct. 25. Class 6.
United Drug Company, Boston, Mass. Medicated skin cream. Serial No. 409,219; Oct. 25. Class 6.
Utility Products Company. (See Goldstein, Hiram.)
Venn, S. Norris, Wilmington, Del. Denture. Serial No. 410,058; Oct. 25. Class 44.
Venuswaffenwerk Oskar Will, Inhaber; Wilh. Foss, Zella-Mehlis, Germany. Air guns and air pistols. Serial No. 406,235; Oct. 25. Class 9.
Veterinary Laboratories, Inc., Clifton, N. J. Veterinary packs and poultices. Serial No. 408,768; Oct. 25. Class 6.
Vita Products, Inc., Zeeland, Mich. Dehydrated kelp tablets, vitamin A and D tablets, and vitamin B tablets. Serial No. 402,105; Oct. 25. Class 6.
Vogt, F. G., & Sons, Incorporated, Philadelphia, Pa. Canned pigs feet. Serial No. 409,075; Oct. 25. Class 46.
Walco Bead Co., Inc., New York, N. Y. Toy bead sets, toy beads, toy looms, and toy jewelry sets. Serial No. 410,566; Oct. 25. Class 22.
Ward, Lee C., Los Angeles, Calif. Maltless beverage and concentrates and extracts for preparing the same. Serial No. 410,157; Oct. 25. Class 45.
Warnecke & Bühm, Berlin-Weissensee, Germany. Paint, lacquers, stains, etc. Serial No. 407,664; Oct. 25. Class 16.
Warr Fire Extinguisher Company, Incorporated, The, Baltimore, Md. Dry chemical powder fire extinguishing compounds. Serial No. 400,076; Oct. 25. Class 6.
Weco Products Company, Chicago, Ill. Tooth brushes. Serial No. 408,630; Oct. 25. Class 29.
West Virginia Pulp and Paper Company, New York, N. Y. Blend of fatty acids. Serial No. 409,721; Oct. 25. Class 6.
White, Haydn F., & Company, Cleveland, Ohio. Metal adhesive cement, poster or label paste, and padding cement. Serial No. 409,224; Oct. 25. Class 5.
Wrigley, Wm., Jr. Company, Chicago, Ill. Chewing gum. Serial No. 402,106; Oct. 25. Class 46.
Willing, Johann A., Berlin, Germany. Disinfecting tablets. Serial No. 406,997; Oct. 25. Class 6.
Wyckoff Laboratories, Inc., Waxahachie, Tex. Vaporizing compound and mange oil. Serial No. 409,858; Oct. 25. Class 6.
Younghusband, James L., Chicago, Ill. Lipstick, rouge, face powder, etc. Serial No. 410,160; Oct. 25. Class 6.
Yung & Mueller Bakery Company, St. Louis, Mo. Pies. Serial No. 406,846; Oct. 25. Class 46.
Zilberg, Charles, New York, N. Y. Underwear. Serial No. 408,820; Oct. 25. Class 39.

LIST OF REGISTRANTS OF TRADE-MARKS

Abelson, Nat, New York, N. Y. Dresses. 361,613; Oct. 25; Serial No. 405,801; published Aug. 16, 1938. Class 39.
Abrasive Company, Philadelphia, Pa. Abrasive grinding wheels and abrasive flanges therefor. 361,633; Oct. 25; Serial No. 407,209; published Aug. 16, 1938. Class 4.
Adams, C. F., Incorporated, Fort Worth, Tex. Cup leathers, valve leathers, crimps, etc. 361,560; Oct. 25; Serial No. 380,817; published Aug. 16, 1938. Class 35.
Ak-Ro-No Auto Products Co., Vandalia, Ill. Preparation for cleaning and restoring lustre to rubber and rubber products. 361,648; Oct. 25; Serial No. 407,410; published Aug. 16, 1938. Class 4.
American Maid Company, Inc., Chicago, Ill. Night gowns, pajamas, slips, and panties. 361,611; Oct. 25; Serial No. 405,472; published Aug. 16, 1938. Class 39.
American Maize-Products Company, New York, N. Y. Cornstarch. 361,638; Oct. 25; Serial No. 407,256; published Aug. 16, 1938. Class 46.
American Vault Company. (See Begun, Alex.)
Aristoc Limited, Langley Mill, England. Silk stockings. 361,604; Oct. 25; Serial No. 404,977; published Aug. 16, 1938. Class 39.
Arkansas Fuel Oil Company, Shreveport, La. Golf balls. 361,689; Oct. 25; Serial No. 408,042; published Aug. 9, 1938. Class 22.

Arkansas Fuel Oil Company, Shreveport, La. Tires, tubes, and accessories. 361,690; Oct. 25; Serial No. 408,043; published Aug. 9, 1938. Class 35.

Artype Dental Company, Harrisburg, Pa. Artificial teeth. 361,688; Oct. 25; Serial No. 408,036; published Aug. 16, 1938. Class 44.

Ash, Clarence G., Huntington Park, Calif. Bird, fish, dog, etc., foods. 361,599; Oct. 25; Serial No. 404,739; published Aug. 16, 1938. Class 46.

Atlas Canning Company, Inc., New York and Glendale, N. Y. Canned food for dogs, cats, and carnivorous animals. 361,721; Oct. 25. Class 46.

Auto-Lec Stores, Inc., New Orleans, La. Storage batteries and spark plugs. 361,591; Oct. 25; Serial No. 402,926; published July 12, 1938. Class 21.

Ball, Anson, doing business as Paramount Products Co., Dover, N. J. Automobile polish. 361,659; Oct. 25; Serial No. 407,518; published Aug. 16, 1938. Class 16.

Barrett Company, The, New York, N. Y. Pitch, tar, bituminous materials, etc. 361,568; Oct. 25; Serial No. 397,170; published Aug. 23, 1938. Class 1.

Battat, Ezekiel M., doing business as Battat Import-Export Company, San Francisco, Calif. Canned fruit. 361,649; Oct. 25; Serial No. 407,417; published Aug. 16, 1938. Class 46.

Begun, Alex, doing business as American Vault Company, Detroit, Mich. Burial vaults. 361,730; Oct. 25. Class 2.

Bercut-Richards Packing Company, Sacramento, Calif. Canned fruits. 361,716; Oct. 25. Class 46.

Bercut-Richards Packing Company, Sacramento, Calif. Canned vegetables. 361,717; Oct. 25. Class 46.

Bickmore Company, The, Old Town, Maine. Ointment. 124,665; renewed Mar. 11, 1939.

Bilish Milling Company, Seymour, Ind. Wheat-flour, cake flour, graham flour, etc. 361,605; Oct. 25; Serial No. 404,979; published Aug. 16, 1938. Class 46.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics. 361,691; Oct. 25; Serial No. 408,046; published Aug. 16, 1938. Class 42.

Bobrow Bros., assignor to Bobrow Bros., Inc., Philadelphia, Pa. Cigars. 124,666; renewed Mar. 11, 1939.

Boker, H., & Co. Inc., New York, N. Y. Metals and metal castings and forgings. 122,775; renewed Sept. 17, 1938.

Bridge Tables and Novelties, Inc., Lowell, Mass. Bridge tables, coffee tables, end tables, etc. 361,650; Oct. 25; Serial No. 407,420; published Aug. 9, 1938. Class 32.

Burndy Engineering Company, Inc., New York, N. Y. Electrical connectors. 361,631; Oct. 25; Serial No. 407,125; published Aug. 16, 1938. Class 21.

Burns, Thomas H., Boston, Mass. Superchargers. 361,628; Oct. 25; Serial No. 406,675; published Aug. 16, 1938. Class 23.

Burstein, Charles, & Bro. Inc., New York, N. Y. Hand bags and purses. 361,707; Oct. 25; Serial No. 408,308; published Aug. 16, 1938. Class 3.

Butt, H. E., Grocery Company, Harlingen, Tex. Canned fruits, canned vegetables, and canned fruit juices. 361,629; Oct. 25; Serial No. 406,707; published Aug. 16, 1938. Class 46.

Cammeyer, assignor, by mesne assignments, to Cammeyer Shoe Shops Inc., New York, N. Y. Boots and shoes. 123,196; renewed Oct. 22, 1938.

Capehart, Incorporated, The, Fort Wayne, Ind. Combination radio and automatic phonographs. 361,655; Oct. 25; Serial No. 407,489; published Aug. 16, 1938. Class 36.

Cardox Corporation, Chicago, Ill. Bulk pressure storage systems. 361,671; Oct. 25; Serial No. 407,657; published Aug. 9, 1938. Class 31.

Carnrick, G. W., Co., New York, N. Y., assignor to G. W. Carnrick Co., Newark, N. J. Ampuls made of glass. 124,673; renewed Mar. 11, 1939.

Carr, J. B., Biscuit Company, Wilkes-Barre, Pa. Graham crackers. 361,726; Oct. 25. Class 46.

Carr, J. B., Biscuit Company, Wilkes-Barre, Pa. Saltines. 361,727–8; Oct. 25. Class 46.

Celanese Corporation of America, New York, N. Y. Piece goods. 361,634; Oct. 25; Serial No. 407,217; published Aug. 16, 1938. Class 42.

Celanese Corporation of America, New York, N. Y. Piece goods. 361,656; Oct. 25; Serial No. 407,490; published Aug. 16, 1938. Class 42.

Charleston Milling Company, Charleston, W. Va. Dairy feed. 361,585; Oct. 25; Serial No. 401,636; published Aug. 16, 1938. Class 46.

Charleston Milling Company, Charleston, W. Va. Wheat flour. 361,586; Oct. 25; Serial No. 401,637; published Aug. 16, 1938. Class 46.

Chicago Pneumatic Tool Company, Chicago, Ill., to Chicago Pneumatic Tool Company, New York, N. Y. Cutlery, machinery, and tools and parts thereof. 123,981; renewed Dec. 31, 1938.

Chicago Smoked Fish Co., Chicago, Ill. Smoked fish, pickled fish, salted fish, etc. 361,569; Oct. 25; Serial No. 397,703; published Aug. 16, 1938. Class 46.

Clark, Toby, Inc., New York, N. Y. Folding chairs. 361,609; Oct. 25; Serial No. 405,374; published Aug. 16, 1938. Class 32.

Columbia Mills, Inc., The, New York, N. Y. Venetian blinds. 361,660; Oct. 25; Serial No. 407,537; published Aug. 16, 1938. Class 32.

Commander-Larabee Milling Company. (See Empire Milling Company, assignor.)

Commercial Milling Company, Detroit, Mich. Wheat flour. 361,581; Oct. 25; Serial No. 400,668; published Aug. 16, 1938. Class 46.

Cresca Company, to Cresca Company, Inc., New York, N. Y., successor. Foods. 121,704; renewed May 21, 1938.

Crescent Insulated Wire & Cable Co., Trenton, N. J. Rubber insulation and for electrical wire and cable. 361,657; Oct. 25; Serial No. 407,491; published Aug. 16, 1938. Class 21.

Delta Electric Company, Marion, Ind. Combination electric lamp and horn. 361,669; Oct. 25; Serial No. 407,623; published Aug. 16, 1938. Class 21.

Delta & Pine Land Co. of Mississippi, Scott, Miss. Cotton seed for planting. 361,618; Oct. 25; Serial No. 405,920; published Aug. 16, 1938. Class 1.

Detroit Dental Manufacturing Co., Detroit, Mich. Denture materials. 361,682; Oct. 25; Serial No. 407,943; published Aug. 16, 1938. Class 44.

Duncan, Donald F., Inc., Chicago, Ill. Top. 361,610; Oct. 25; Serial No. 405,384; published Aug. 9, 1938. Class 22.

Duncan Electric Manufacturing Company, Lafayette, Ind. Bearing members. 361,602; Oct. 25; Serial No. 404,838; published Aug. 16, 1938. Class 26.

Dynamatic Corporation, Kenosha, Wis. Electric motors. 361,642; Oct. 25; Serial No. 407,310; published Aug. 16, 1938. Class 21.

Electric Arc Cutting and Welding Company, Newark, N. J. Electric welding machines. 361,712; Oct. 25. Class 21.

Empire Bottling Company, Malden, Mass. Carbonated beverages and beverage syrups. 361,624; Oct. 25; Serial No. 406,419; published Aug. 16, 1938. Class 45.

Empire Milling Company, assignor to Commander-Larabee Milling Company, Minneapolis, Minn. Wheat-flour. 124,836; renewed Mar. 18, 1939.

Enro Shirt Co., The, Louisville, Ky. Shirts, sport shirts, pajamas, etc. 361,626; Oct. 25; Serial No. 406,583; published Aug. 16, 1938. Class 39.

Estee Bedding Company, Chicago, Ill. Mattresses, studio couches and bed springs. 361,706; Oct. 25; Serial No. 408,271; published Aug. 9, 1938. Class 32.

Federal Rubber Company, The, Chicago, Ill., and Chicopee Falls, Mass. Golf balls. 361,685; Oct. 25; Serial No. 407,977; published Aug. 9, 1938. Class 22.

Flugar, A. Howard, Hudson, N. Y. Live poultry and baby chicks. 361,658; Oct. 25; Serial No. 407,494; published Aug. 16, 1938. Class 46.

Fisk Rubber Corporation, The, Chicopee Falls, Mass. Golf balls. 361,686; Oct. 25; Serial No. 407,978; published Aug. 9, 1938. Class 22.

Fox Knapp Mfg. Co., New York, N. Y. Mackinaws and sportswear. 361,590; Oct. 25; Serial No. 402,906; published Aug. 16, 1938. Class 39.

Frenchtown Porcelain Company, Trenton, N. J. Insulation for spark-plugs. 124,708; renewed Mar. 11, 1939.

Friendly Knitting Mills, Inc., Brooklyn, N. Y. Knitted sweaters. 361,607; Oct. 25; Serial No. 405,201; published Aug. 16, 1938. Class 39.

Gardiner, Robert M., San Francisco, Calif. Fish and shellfish contained in cans. 361,594; Oct. 25; Serial No. 404,041; published Aug. 16, 1938. Class 46.

Garrett and Company, Incorporated, Penn Yan, assignor, by mesne assignments, to Garrett & Company, Inc., Penn Yan and Brooklyn, N. Y. Beverages. 124,841; renewed Mar. 18, 1939.

General Printing Ink Corporation. (See Morrill, George H., Company, assignor.)

General Tire & Rubber Company, The, Akron, Ohio. Vacuum inducing therapeutic apparatus. 361,646; Oct. 25; Serial No. 407,373; published Aug. 16, 1938. Class 44.

General Tire & Rubber Company, The, doing business as Wabash Industries, Wabash, Ind., and Akron, Ohio. Baseballs. 361,710; Oct. 25; Serial No. 408,422; published Aug. 16, 1938. Class 22.

Gitlin, H. A., & Co., New York, N. Y. Satin lining fabrics. 361,639; Oct. 25; Serial No. 407,265; published Aug. 16, 1938. Class 42.

Graham Paper Company, St. Louis, Mo. Printing and writing paper. 361,718; Oct. 25. Class 37.

Grayson Heat Control, Ltd., Lynwood, Calif., Thermostats, thermostatic valves, etc. 361,576; Oct. 25; Serial No. 400,007; published Aug. 16, 1938. Class 26.

Great Lakes Golf Ball Company. (See Malbrough, Ira D., Jr.)

Greenbros, Inc., Cincinnati, Ohio. Whiskey, gin, rum, etc. 361,661; Oct. 25; Serial No. 407,541; published Aug. 9, 1938. Class 49.

Griffin Manufacturing Co. Inc., New York and Brooklyn, N. Y. Shoe polishes, and dressing and finishing for shoes, belts, etc. 361,723; Oct. 25. Class 4.

Haben, Acea R., assignor to Twentieth Century Frosted Foods Corp., San Antonio, Tex. Frosted fruits and vegetables. 361,564; Oct. 25; Serial No. 391,527; published Oct. 12, 1937. Class 46.

Hall, Clyan H., doing business as Sturditoys Workshops, Pasadena, Calif. Table board game. 361,675; Oct. 25; Serial No. 407,751; published Aug. 16, 1938. Class 22.

Hammond Paint & Chemical Co. Inc., The, Beacon, N. Y. Insecticide. 361,606; Oct. 25; Serial No. 404,988; published July 19, 1938. Class 6.

Hampden Brewing Company, Willimansett, Mass. Ale and beer. 361,635; Oct. 25; Serial No. 407,223; published Aug. 16, 1938. Class 48.

Hampton, C. & J., Limited, Sheffield, England. Steel. 123,996; renewed Dec. 31, 1938.

Harris Soap Company, Buffalo, N. Y. Laundry soap, oil-soap. 122,319; renewed July 23, 1938.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Canned fruits, and canned tomato juice. 361,719; Oct. 25. Class 46.

Heinz, H. J., Company, Pittsburgh, Pa. Flavoring mixture. 361,714; Oct. 25. Class 46.

Hennefer Maschinenfabrik C. Reuther & Reisert mit beschränkter Haftung, Hennef-on-the-Sieg, Germany. Weighing apparatus. 361,662; Oct. 25; Serial No. 407,546; published Aug. 16, 1938. Class 26.

Hind & Harrison Plush Company, The, New York and Clark Mills, N. Y. Plushes in the piece. 361,623; Oct. 25; Serial No. 406,249; published Aug. 16, 1938. Class 42.

Hospital Specialty Company, Whitewater, Wis. Medicators. 361,667; Oct. 25; Serial No. 407,592; published Aug. 16, 1938. Class 44.

Hough Shade Corporation, Janesville, Wis. Porch shades and window shades. 361,709; Oct. 25; Serial No. 408,366; published Aug. 16, 1938. Class 32.

Howard Preserving Company, Inc., Miami, Fla. Jellies, fruit butters, marmalades, etc. 361,566; Oct. 25; Serial No. 396,342; published May 24, 1938. Class 46.

International Nickel Company, Inc., New York, N. Y. Rods, bars and wires, etc. 361,670; Oct. 25; Serial No. 407,631; published Aug. 16, 1938. Class 14.

Jero Products Co., Chicago, Ill. Syrups and flavors for soft drinks and mixers. 361,561; Oct. 25; Serial No. 381,459; published Aug. 16, 1938. Class 45.

K-Z Company, assignor to K-Z Company, St. Louis, Mo. Electrically driven embalming apparatus. 361,679; Oct. 25; Serial No. 407,907; published Aug. 16, 1938. Class 44.

Klein & Sobelman, St. Louis, Mo. Ladies' dresses. 361,575; Oct. 25; Serial No. 399,839; published Aug. 16, 1938. Class 39.

Kleinert, I. B., Rubber Company, New York, N. Y. Dress shields. 361,711; Oct. 25. Class 40.

Kraus Bros. & Co., Inc., New York, N. Y. Whiskies, gins and alcoholic cordials. 361,592; Oct. 25; Serial No. 403,267; published Aug. 16, 1938. Class 49.

Kruger, Werner, New York, N. Y. Ceramic cooking ware. 361,621; Oct. 25; Serial No. 406,077; published Aug. 16, 1938. Class 30.

La Salle Steel Company, Hammond, Ind. Steel. 361,715; Oct. 25. Class 14.

Leroux & Co., Inc., Philadelphia, Pa. Sloe gin. 361,694–5; Oct. 25; Serial Nos. 408,113–14; published Aug. 9, 1938. Class 49.

MacGregor Company, The, Dayton, Ohio. Golf clubs and balls. 361,678; Oct. 25; Serial No. 407,870; published Aug. 9, 1938. Class 22.

Malbrough, Ira D., Jr., doing business as Great Lakes Golf Ball Company, Chicago, Ill. Golf balls. 361,601; Oct. 25; Serial No. 404,814; published Aug. 9, 1938. Class 22.

McBee Company, The, Athens, Ohio. Bond paper. 361,595; Oct. 25; Serial No. 404,223; published Aug. 23, 1938. Class 37.

McDonald Corporation, The, Auburndale, Fla. Fresh citrus fruits. 361,567; Oct. 25; Serial No. 396,345; published Jan. 4, 1938. Class 46.

McFadden, Norma R., assignor to George J. Smith and Emil Metschan, Kansas City, Mo. Absorption pad. 361,582; Oct. 25; Serial No. 400,780; published Aug. 16, 1938. Class 44.

McKesson Appliance Co., The, Toledo, Ohio. Diagnostic apparatus. 361,683; Oct. 25; Serial No. 407,956; published Aug. 16, 1938. Class 44.

McKesson & Robbins, Inc., New York, N. Y. Scotch whisky. 361,696; Oct. 25; Serial No. 408,119; published Aug. 9, 1938. Class 49.

Metschan, Emil. (See Smith, George J., and Emil Metschan.)

Metzger & Cohen, New York, N. Y. Ladies' and misses' coats and suits. 361,620; Oct. 25; Serial No. 406,065; published Aug. 16, 1938. Class 39.

Micro-Westco, Inc., Bettendorf, Iowa. Slicing machine blades. 361,653; Oct. 25; Serial No. 407,466; published Aug. 16, 1938. Class 23.

Monowatt Electric Corporation, The, Providence, R. I. Electric wiring devices. 361,625; Oct. 25; Serial No. 406,522; published Aug. 16, 1938. Class 21.

Morrill, George H., Company, Norwood, Mass., assignor to General Printing Ink Corporation, New York, N. Y. Inks, varnishes, dry colors, etc. 124,123; renewed Jan. 14, 1939.

Mueller Furniture Co., Grand Rapids, Mich. Upholstered chairs and settees. 361,692; Oct. 25; Serial No. 408,071; published Aug. 16, 1938. Class 32.

Myers, E. A., & Sons, Mount Lebanon, Pittsburgh, Pa. Electrically operable hearing aids. 361,700; Oct. 25; Serial No. 408,200; published Aug. 16, 1938. Class 44.

Myers, E. A., & Sons, Mount Lebanon, Pittsburgh, Pa. Electrically operable apparatus for prescribing audiphones. 361,701; Oct. 25; Serial No. 408,201; published Aug. 16, 1938. Class 44.

National Candy Co., Inc., St. Louis, Mo. Candy. 361,724; Oct. 25. Class 46.

National Cellulose Corporation, New York, N. Y. Sanitary napkins. 361,663; Oct. 25; Serial No. 407,554; published Aug. 16, 1938. Class 44.

National Die Casting Sales Corp., Chicago, Ill. Fruit juice extractors. 361,587; Oct. 25; Serial No. 402,197; published Aug. 16, 1938. Class 23.

National Dyeing and Printing Company, East Paterson, N. J. Piece goods. 361,693; Oct. 25; Serial No. 408,073; published Aug. 16, 1938. Class 42.

New England Fish Company, Seattle, Wash. Canned fish. 361,577; Oct. 25; Serial No. 400,066; published Jan. 18, 1938. Class 46.

Newson & Bills, Salt Lake City, Utah. Playroom or playground equipment. 361,697; Oct. 25; Serial No. 408,128; published Aug. 9, 1938. Class 22.

Nicomede, Jos. W., Altoona, Pa. Banjo and guitar pick. 361,725; Oct. 25. Class 36.

Nirenberg & Sulzman, Inc., New York, N. Y. Shirts, pajamas, sweaters, etc. 361,573; Oct. 25; Serial No. 399,673; published Aug. 16, 1938. Class 39.

Northwest Apple Exporters, Yakima, Wash. Fresh deciduous fruits. 361,651; Oct. 25; Serial No. 407,439; published Aug. 16, 1938. Class 46.

Optikotechna Společnost s r. o., Prerov, Czechoslovakia. Trichinoscopes, lamps for medical purposes. 361,619; Oct. 25; Serial No. 405,976; published Aug. 16, 1938. Class 44.

Packard Dresses, Inc., New York, N. Y. Piece goods. 361,664; Oct. 25; Serial No. 407,556; published Aug. 16, 1938. Class 42.

Palay, S. T., Textile Corporation, New York, N. Y. Finished piece goods. 361,640–1; Oct. 25; Serial Nos. 407,277–8; published Aug. 16, 1938. Class 42.

Paramount Products Co. (See Ball, Anson.)

Park & Tilford, New York, N. Y. Coffee. 122,810; renewed Sept. 17, 1938.

Parke, Davis & Company, Detroit, Mich. Disinfectants, germicides, and antiseptics. 124,039; renewed Dec. 31, 1938.

Parker Brothers, Inc., Portland, Maine, and Salem, Mass. Board game. 361,708; Oct. 25; Serial No. 408,323; published Aug. 16, 1938. Class 22.

Pearson, Maghielse & Buttrick, Inc., Grand Rapids, Mich. Games. 361,612; Oct. 25; Serial No. 405,517; published Aug. 9, 1938. Class 22.

Peck, George, (Leicester) Limited, Leicester, England. Cardigans and pullover sweaters. 361,563; Oct. 25; Serial No. 388,725; published Aug. 16, 1938. Class 39.

Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Comforts. 361,596; Oct. 25; Serial No. 404,539; published Aug. 16, 1938. Class 42.

Phillips, Henry F., Portland, Oreg. Screws. 361,729; Oct. 25. Class 13.

Piccadilly Hosiery Mills, Philadelphia, Pa. Hosiery. 361,615; Oct. 25; Serial No. 405,892; published Aug. 16, 1938. Class 39.

Pillsbury Flour Mills Company, Minneapolis, Minn. Farina. 361,616–17; Oct. 25; Serial Nos. 405,909–10; published Aug. 16, 1938. Class 46.

Pollack, Jacob, & Sons, New York, N. Y. Overcoats and topcoats. 361,593; Oct. 25; Serial No. 403,961; published Aug. 16, 1938. Class 39.

Popmatic Manufacturing Company, St. Louis, Mo. Popcorn. 361,598; Oct. 25; Serial No. 404,583; published Aug. 16, 1938. Class 46.

Pressiaff, Murray, New York, N. Y. Blouses. 361,600; Oct. 25; Serial No. 404,775; published Aug. 16, 1938. Class 39.

Procter & Gamble Company, The, Cincinnati, Ohio. Washing powder. 361,643; Oct. 25; Serial No. 407,326; published Aug. 16, 1938. Class 4.

Pulp Products Company, Inc., New York, N. Y. Toys. 361,597; Oct. 25; Serial No. 404,545; published Aug. 9, 1938. Class 22.

Purity Paper Vessels Company, The, Baltimore, Md. Paper cups and other paper containers. 361,614; Oct. 25; Serial No. 405,866; published July 12, 1938. Class 2.

Raynit Mills, West New York, N. J. Piece goods. 361,636–7; Oct. 25; Serial Nos. 407,246–7; published Aug. 16, 1938. Class 42.

Records & Goldsborough, Incorporated, Baltimore, Md. Whiskey, gin, brandy, and alcoholic cordials. 361,698; Oct. 25; Serial No. 408,133; published Aug. 9, 1938. Class 49.

Remington Rand Inc., Buffalo, N. Y. Accounting machines, card and tape punches, etc. 361,570; Oct. 25; Serial No. 398,493; published Aug. 16, 1938. Class 26.

Rex Electric Company, Brooklyn, N. Y. Photographic apparatus. 361,668; Oct. 25; Serial No. 407,605; published Aug. 16, 1938. Class 26.

Rice, Doran, Alton, Ill. Game. 361,672; Oct. 25; Serial No. 407,690; published Aug. 16, 1938. Class 22.

Robilio & Cuneo, Memphis, Tenn. Macaroni dinner. 361,622; Oct. 25; Serial No. 406,152; published Aug. 16, 1938. Class 46.

Rogers, Charles P., & Co. Inc., New York, N. Y. Mattresses. 361,673; Oct. 25; Serial No. 407,692; published Aug. 9, 1938. Class 32.
Roman, T. J., & Co. Inc., New York, N. Y. Paint enamels, an undercoating and a thinner. 361,589; Oct. 25; Serial No. 402,827; published Aug. 16, 1938. Class 16.
Rooney, John H., Providence, R. I. Game. 361,654; Oct. 25; Serial No. 407,480; published Aug. 16, 1938. Class 22.
Ross, Dr. W. J., Co., Los Alamitos, Calif. Canned dog food. 361,644; Oct. 25; Serial No. 407,331; published Aug. 16, 1938. Class 46.
Roundup Fisheries Co., now by change of name to Roundup Grocery Co., Spokane, Wash. Canned salmon. 123,388; renewed Oct. 29, 1938.
Royal Revues, Inc., Hollywood, Calif. Blank forms. 361,713; Oct. 25. Class 37.
Saginaw Furniture Shops, Chicago, Ill. Wooden furniture. 361,676; Oct. 25; Serial No. 407,821; published Aug. 9, 1938. Class 32.
Samoorian, Melkon M., Somerville, Mass. Cigarettes. 361,571; Oct. 25; Serial No. 399,531; published Aug. 16, 1938. Class 17.
Schenley Import Corporation, New York, N. Y. Wines. 361,580; Oct. 25; Serial No. 400,572; published Aug. 16, 1938. Class 47.
Ski Specialty Manufacturing Company, New York, N. Y. Skis. 361,652; Oct. 25; Serial No. 407,446; published Aug. 9, 1938. Class 22.
Smith, George J., and Emil Metschan. (See McFadden, Norma R., assignor.)
Smith, Kenneth, Lenexa, Kans. Golf clubs and parts thereof. 361,583; Oct. 25; Serial No. 400,799; published Aug. 9, 1938. Class 22.
Smith, Marion J. E., New York, N. Y. Purse kit. 361,608; Oct. 25; Serial No. 405,225; published Aug. 16, 1938. Class 3.
Sohari, Inc., St. Louis, Mo. Handbags, pocketbooks, and purses. 361,680; Oct. 25; Serial No. 407,921; published Aug. 16, 1938. Class 3.
Sonotone Corporation, Elmsford, N. Y. Hearing-aid devices and acoustic elements and accessories thereof. 361,630; Oct. 25; Serial No. 406,991; published Aug. 16, 1938. Class 44.
Standard Brands Incorporated. (See Widlar Co., The, assignor.)
Stanley Laborntories, Inc., Portland, Oreg. Sanitary napkins. 361,632; Oct. 25; Serial No. 407,162; published Aug. 16, 1938. Class 44.
Stern, Myer, Undergarment Co., Inc., New York, N. Y. Panties, stepins, bloomers, etc. 361,578; Oct. 25; Serial No. 400,115; published Aug. 16, 1938. Class 39.
Street, R. R., & Co., Inc., Chicago, Ill. Dry cleaning compound. 361,647; Oct. 25; Serial No. 407,394; published Aug. 16, 1938. Class 4.
Sturditoys Workshop. (See Hall, Clyan H.)
Sunrise Liquor Corporation, Chicago, Ill. Whiskey. 361,702–5; Oct. 25; Serial Nos. 408,214–17; published Aug. 9, 1938. Class 49.
Superwarmer Corporation, Newtonville, Mass. Bed conditioners. 361,579; Oct. 25; Serial No. 400,136; published Aug. 16, 1938. Class 44.
Swift and Company, Chicago, Ill. Butter. 361,645; Oct. 25; Serial No. 407,336; published Aug. 16, 1938. Class 46.
System Machine Company, Wilmington, Calif. Reels for winding and cutting cellophane webs. 361,588; Oct. 25; Serial No. 402,349; published Aug. 16, 1938. Class 23.
Tangent Oil Cup Co., Seattle, Wash. Oil cups. 361,674; Oct. 25; Serial No. 407,697; published Aug. 16, 1938. Class 23.
Targ and Dinner, Inc., Chicago, Ill. Musical instruments and accessories. 361,603; Oct. 25; Serial No. 404,872; published Aug. 16, 1938. Class 36.
Ten Crown Gum Co., Inc., Naugatuck, Conn. Chewing gum. 361,562; Oct. 25; Serial No. 387,764; published Aug. 16, 1938. Class 46.
Texas Company, The, Houston and Port Arthur, Tex., and New York, N. Y., assignor to The Texas Company, New York, N. Y. Oils and greases. 124,602; renewed Feb. 25, 1939.
Texas Company, The, Houston, Tex., and New York, N. Y., assignor to The Texas Company, New York, N. Y. Magazine. 124,896; renewed Mar. 18, 1939.
Timken-Detroit Axle Company, The, Detroit, Mich. Axles and worms and gears. 124,164; renewed Jan. 14, 1939.
Trailer Company of America, The, Cincinnati, Ohio. Trailers. 361,574; Oct. 25; Serial No. 399,811; published Aug. 16, 1938. Class 19.
Trostel, Albert, & Sons Company, Milwaukee, Wis. Leather. 361,722; Oct. 25. Class 1.
Twentieth Century Frosted Foods Corp. (See Haben, Acea R., assignor.)
United Elastic Corporation, Easthampton, Mass. Woven elastic fabrics. 361,565; Oct. 25; Serial No. 395,689; published Aug. 16, 1938. Class 42.
Voinvienti-Osnuslike Vallo r. L., Helsingfors, Finland. Cheese. 361,627; Oct. 25; Serial No. 406,609; published Aug. 16, 1938. Class 46.
Wabash Industries. (See General Tire & Rubber Company, The.)
Wamsutta Mills, New Bedford, Mass. Cotton piece goods, sheets, and pillow cases. 361,681; Oct. 25; Serial No. 407,925; published Aug. 16, 1938. Class 42.
Warwick Chemical Company, West Warwick, R. I. Detergents. 361,572; Oct. 25; Serial No. 399,630; published May 10, 1938. Class 4.
Wathen Brothers, Bardstown, Ky. Whiskey, gin, rum, etc. 361,699; Oct. 25; Serial No. 408,140; published Aug. 16, 1938. Class 49.
Werts Novelty Company, Incorporated, Muncie, Ind. Games. 361,684; Oct. 25; Serial No. 407,964; published Aug. 16, 1938. Class 22.
Western Tablet Company, St. Joseph, Mo., assignor to Western Tablet & Stationery Corporation, Dayton, Ohio. Writing-tablets and type-writer paper. 124,912; renewed Mar. 18, 1939.
Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric fans. 361,665; Oct. 25; Serial No. 407,570; published Aug. 16, 1938. Class 21.
White, F. H., Company, The, Philadelphia, Pa. Traveling bags. 361,677; Oct. 25; Serial No. 407,833; published Aug. 16, 1938. Class 3.
Widlar Co., The, Cleveland, Ohio, assignor, by mesne assignments, to Standard Brands Incorporated, New York, N. Y. Coffee. 124,914; renewed Mar. 18, 1939.
Wiesen, Max, & Sons Co. Inc., New York, N. Y. Misses' dresses. 361,584; Oct. 25; Serial No. 401,357; published Aug. 16, 1938. Class 39.
Williamson Candy Company, Chicago, Ill. Candy. 361,666; Oct. 25; Serial No. 407,573; published Aug. 16, 1938. Class 46.
Yawman and Erbe Mfg. Co., Rochester, N. Y. Filing supplies. 361,720; Oct. 25. Class 37.
Youngstown Sheet and Tube Company, The, Youngstown, Ohio. Pipe, well casing, tubing, drive pipe, etc. 361,559; Oct. 25; Serial No. 366,751; published Oct. 15, 1935. Class 13.
Zekaria Brothers, New York, N. Y. Textile fabrics. 361,687; Oct. 25; Serial No. 408,000; published Aug. 16, 1938. Class 42.

LIST OF REGISTRANTS OF LABELS

Ada Milling Company, Ada, Okla. Ada Milling Company Food Products. (Floral Pattern: Blue Background. Small Flowers in White and Maroon. Larger Flowers in Blue, Maroon, Yellow, etc.). For Food Products. 51,977; Oct. 25.
Ada Milling Company, Ada, Okla. Ada Milling Company Food Products. (All-Over Floral Pattern: Large Flowers in Blue-Green, Bright Red, with Green and Yellow Centers. Large Leaves, etc.). For Food Products. 51,978; Oct. 25.
Alexander, V. Ray, St. Louis, Mo. Depreciation Control. For No Re-Write Deferred Expense—Depreciation Control Records. 51,979; Oct. 25.
Austin, Nichols & Co., Inc., Brooklyn, N. Y. Sunbeam. For Fancy Tomato Juice. 51,980; Oct. 25.
Austin, Nichols & Co., Inc., Brooklyn, N. Y. Sunbeam (Orange Juice). For Fancy Orange Juice. 51,981; Oct. 25.
Bestmade Bedding Co. (See Weisman, Max.)
Borden Company, The, New York, N. Y. Borden's Cream Caramels. For Cream Caramels. 51,982; Oct. 25.
Carbonated Beverages, Inc., Detroit, Mich. Sweet Sixteen. For Carbonated Beverages. 51,983; Oct. 25.
Coffee Electrost Corp., Louisville, Ky. Electrost. For Coffee. 51,984; Oct. 25.
Cooper, A. V., Austin, Tex. Hunch. For a Cleaner for Painted or Enameled Woodwork, Furniture, Linoleum, Window Glass, Mirrors, Porcelain, etc. 51,985; Oct. 25.
General Sales Co. (See Graziano, Louis.)
Gilbey, W. & A., Ltd., Cincinnati, Ohio. Gilbey's Distilled London Dry Gin. For Gin. 51,986; Oct. 25.
Graziano, Louis, doing business as General Sales Co., Rochester, N. Y. Tenderlean. For Ham. 51,987; Oct. 25.
Hamer, Anna, Seattle, Wash. Marvel Cleaner. For a Steamless Hat Cleaner and Renewer. 51,988; Oct. 25.
Hollywood Stars Hairpin Curler Co., Los Angeles, Calif. Hollywood Stars Hair Pin Curler. For Hairpin Curlers. 51,989; Oct. 25.
Hygrade Sylvania Corporation, Salem, Mass. Hygrade Lamps. For Electric Lamps. 51,990; Oct. 25.
Kelly Liquor Company, Minneapolis, Minn. Old Camp Nelson Brand Kentucky Straight Bourbon Whiskey. For Kentucky Straight Bourbon Whiskey. 51,991; Oct. 25.

Kroger Grocery & Baking Co., The, Cincinnati, Ohio. Kroger's Country Club Brand Grape-Fruit Juice. For Canned Grapefruit Juice. 51,992; Oct. 25.
Kroger Grocery & Baking Co., The, Cincinnati, Ohio. Kroger's Country Club Brand Red Kidney Beans. For Canned Kidney Beans. 51,993; Oct. 25.
Kroger Grocery & Baking Co., The, Cincinnati, Ohio. Kroger's Country Club Brand Pumpkin. For Canned Pumpkin. 51,994; Oct. 25.
Kroger Grocery & Baking Co., The, Cincinnati, Ohio. Kroger's Country Club Brand Pineapple. For Canned Pineapple. 51,995; Oct. 25.
Kroger Grocery & Baking Co., The, Cincinnati, Ohio. Kroger's Country Club Brand Fruits for Salads. For Canned Mixed Fruits. 51,996; Oct. 25.
Kroger Grocery & Baking Co., The, Cincinnati, Ohio. Kroger's Country Club Brand Fruit Cocktail. For Canned Fruit Cocktail. 51,997; Oct. 25.
Kroger Grocery & Baking Co., The, Cincinnati, Ohio. Kroger's Country Club Brand Peaches. For Canned Peaches. 51,998; Oct. 25.
La Comp Products, Inc., New York, N. Y. Del. For Toilet Soap. 51,999; Oct. 25.
Loma Linda Food Company, Loma Linda, Calif. Savorex. For an Extract of Yeast and Vegetables. 52,000; Oct. 25.
Mandlak, Lewis, Fort Worth, Tex. A Cloud of Certain Death to Insects. For Roach Powder. 52,001; Oct. 25.
Newman, Hoy D., Smithsburg, Md. Maryland Maid. For Fresh Peaches. 52,002; Oct. 25.
Pacific Waxed Paper Company, Seattle, Wash. Tu-Fers. For Doughnuts. 52,003; Oct. 25.
Reinhold, Arno, doing business as Reinhold Company, Cleveland, Ohio. Air-Vent Combination Pack. For Bowl, Bottle, Cup and Jar Covers. 52,004; Oct. 25.
Sudock, Net B., Philadelphia, Pa. Sudco, Certified Quality Hosiery. For Full Fashioned Hosiery. 52,005; Oct. 25.
United Pure Food Co., New York, N. Y. King Minos. For Olive Oil. 52,006; Oct. 25.
Weisman, Max, doing business as Best-made Bedding Co., New York, N. Y. Physical Culture. For Mattresses. 52,007; Oct. 25.

LIST OF REGISTRANTS OF PRINTS

Awful Fresh MacFarlane, Oakland, San Francisco, and Berkeley, Calif. Wanted:—People to Taste Candy, to See if It's Any Good. For Candy and Nuts. 17,089; Oct. 25.
Chicago Printed String Co., Chicago, Ill. Print-Ad-String. For Advertising Tapes Used for Tying Packages. 17,090; Oct. 25.
Cream of Wheat Corporation, The, Minneapolis, Minn. Perfectly Digestible First Solid Food is Every Baby's Need. For Wheat Breakfast Food. 17,091; Oct. 25.
Davis, Emry, 4th, Santa Monica, Calif. Are You Ear Conscious? For Application for Correcting Ears That Protrude. 17,092; Oct. 25.
Frozen Novelties Sales Corporation, New York, N. Y. Kreami-Frost. For Frozen Confections. 17,093; Oct. 25.
General Mills, Inc., Minneapolis, Minn. Made From One Package of Bisquick: For Biscuit Flour. 17,094; Oct. 25.
Ideas, Inc., Chicago, Ill. Econocar. For Automobiles. 17,095; Oct. 25.
Koch, George, Sons, Evansville, Ind. Easy-Gro Pots. For Floral Pots. 17,096; Oct. 25.
Mullen, Barry O., Los Angeles, Calif. New Sensational Hollywood Pat-Puf. For Powder Puffs. 17,097; Oct. 25.
Ralston Purina Company, St. Louis, Mo. Purebred Holsteins Pay! (Dairy Poster). For Dairy Feed. 17,098; Oct. 25.
Ralston Purina Company, St. Louis, Mo. Purebred Guernseys Pay! (Dairy Poster). For Dairy Feed. 17,099; Oct. 25.
Ralston Purina Company, St. Louis, Mo. Purebred Jerseys Pay! (Dairy Poster). For Dairy Feed. 17,100; Oct. 25.
Stevens, Chas. A., & Company, Chicago, Ill. Your Smartness is Measured by the Foot! For Shoes. 17,101; Oct. 25.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Leather. Albert Trostel & Sons Company. 361,722; Oct. 25.
Pitch, tar, bituminous materials, etc. Barrett Company. 361,568; Oct. 25; Serial No. 397,170; published Aug. 23, 1938.
Seed for planting, Cotton. Delta & Pine Land Co. of Mississippi. 361,618; Oct. 25; Serial No. 405,920; published Aug. 16, 1938.

CLASS 2

Cups and other paper containers, Paper. Purity Paper Vessels Company. 361,614; Oct. 25; Serial No. 405,866; published July 12, 1938.
Vaults, Burial. A. Begun. 361,730; Oct. 25.

CLASS 3

Bags, Traveling. F. H. White Company. 361,677; Oct. 25; Serial No. 407,833; published Aug. 16, 1938.
Hand bags and purses. Charles Bursteln & Bro. Inc. 361,707; Oct. 25; Serial No. 408,308; published Aug. 16, 1938.
Handbags, pocketbooks, and purses. Sohari, Inc. 361,680; Oct. 25; Serial No. 407,921; published Aug. 16, 1938.
Purse kit. K. J. E. Smith. 361,608; Oct. 25; Serial No. 405,225; published Aug. 16, 1938.

CLASS 4

Abrasive grinding wheels and abrasive flanges therefor. Abrasive Company. 361,633; Oct. 25; Serial No. 407,209; published Aug. 16, 1938.
Cleaning compound, Dry. R. R. Street & Co. 361,647; Oct. 25; Serial No. 407,394; published Aug. 16, 1938.
Detergents. Warwick Chemical Company. 361,572; Oct. 25; Serial No. 399,630; published May 10, 1938.
Polishes, and dressing and finishing for shoes, etc., Shoe. Griffin Manufacturing Co. Inc. 361,723; Oct. 25.
Preparation for cleaning and restoring lustre to rubber and rubber products. Ak-Ro-No Auto Products Co. 361,648; Oct. 25; Serial No. 407,410; published Aug. 16, 1938.
Soap, oil-soap, Laundry. Harris Soap Company. 122,319; renewed July 23, 1938.
Washing powder. Procter & Gamble Company. 361,643; Oct. 25; Serial No. 407,326; published Aug. 16, 1938.

CLASS 6

Disinfectants, germicides, and antiseptics. Parke, Davis & Company. 124,039; renewed Dec. 31, 1938.
Insecticide. Hammond Paint & Chemical Co. Inc. 361,606; Oct. 25; Serial No. 404,988; published July 19, 1938.
Ointment. Bickmore Company. 124,665; renewed Mar. 11, 1939.

CLASS 11

Inks, varnishes, dry colors, etc. George H. Morrill Company. 124,123; renewed Jan. 14, 1939.

CLASS 13

Pipe, well casing, drive pipe, etc. Youngstown Sheet and Tube Company. 361,559; Oct. 25; Serial No. 366,751; published Oct. 15, 1935.
Screws. H. F. Phillips. 361,729; Oct. 25.

CLASS 14

Metals and metal castings and forgings. H. Boker & Co. Inc. 122,775; renewed Sept. 17, 1938.
Rods, bars, wires, etc. International Nickel Company. 361,670; Oct. 25; Serial No. 407,631; published Aug. 16, 1938.
Steel. C. & J. Hampton Limited. 123,996; renewed Dec. 31, 1938.
Steel. La Salle Steel Company. 361,715; Oct. 25.

CLASS 15

Oils and greases. Texas Company. 124,602; renewed Feb. 25, 1939.

CLASS 16

Paint enamels, an undercoating and a thinner. T. J. Ronan & Co. Inc. 361,589; Oct. 25; Serial No. 402,827; published Aug. 16, 1938.
Polish, Automobile. A. Ball. 361,659; Oct. 25; Serial No. 407,518; published Aug. 16, 1938.

CLASS 17

Cigars. Bobrow Bros. 124,666; renewed Mar. 11, 1939.
Cigarettes. M. M. Samoorian. 361,571; Oct. 25; Serial No. 399,531; published Aug. 16, 1938.

CLASS 19

Axles and worms and gears. Timken-Detroit Axle Company. 124,164; renewed Jan. 14, 1939.

Trailers. Trailer Company of America. 361,574; Oct. 25; Serial No. 399,811; published Aug. 16, 1938.

CLASS 21

Batteries and spark plugs, Storage. Auto-Lec Stores, Inc. 361,591; Oct. 25; Serial No. 402,926; published July 12, 1938.
Electric wiring devices. Monowatt Electric Corporation. 361,625; Oct. 25; Serial No. 406,522; published Aug. 16, 1938.
Electrical connecters. Burndy Engineering Company. 361,631; Oct. 25; Serial No. 407,125; published Aug. 16, 1938.
Fans, Electric. Westinghouse Electric & Manufacturing Company. 361,665; Oct. 25; Serial No. 407,570; published Aug. 16, 1938.
Insulation for electrical wire and cable and for electrical wire and cable employing such insulation, Rubber. Crescent Insulated Wire & Cable Co. 361,657; Oct. 25; Serial No. 407,491; published Aug. 16, 1938.
Insulation for spark-plugs, Frenchtown Porcelain Company. 124,708; renewed Mar. 11, 1939.
Lamp and horn, Combination electric. Delta Electric Company. 361,669; Oct. 25; Serial No. 407,623; published Aug. 16, 1938.
Motors, Electric. Dynamatic Corporation. 361,642; Oct. 25; Serial No. 407,310; published Aug. 16, 1938.
Welding machines, Electric. Electric Arc Cutting and Welding Company. 361,712; Oct. 25.

CLASS 22

Baseballs. General Tire & Rubber Company. 361,710; Oct. 25; Serial No. 408,422; published Aug. 16, 1938.
Game, D. Rice. 361,672; Oct. 25; Serial No. 407,690; published Aug. 16, 1938.
Game, J. H. Rooney. 361,654; Oct. 25; Serial No. 407,480; published Aug. 16, 1938.
Game. Werts Novelty Company. 361,684; Oct. 25; Serial No. 407,964; published Aug. 16, 1938.
Game, Board. Parker Brothers, Inc. 361,708; Oct. 25; Serial No. 408,323; published Aug. 16, 1938.
Game, Table board. C. H. Hall. 361,675; Oct. 25; Serial No. 407,751; published Aug. 16, 1938.
Games. Pearson, Maghielse & Buttrick, Inc. 361,612; Oct. 25; Serial No. 405,517; published Aug. 9, 1938.
Golf balls. Arkansas Fuel Oil Company. 361,689; Oct. 25; Serial No. 408,042; published Aug. 9, 1938.
Golf balls. Federal Rubber Company. 361,685; Oct. 25; Serial No. 407,977; published Aug. 9, 1938.
Golf balls. Fisk Rubber Corporation. 361,686; Oct. 25; Serial No. 407,978; published Aug. 9, 1938.
Golf balls. I. D. Malbrough, Jr. 361,601; Oct. 25; Serial No. 404,814; published Aug. 9, 1938.
Golf clubs and balls. MacGregor Company. 361,678; Oct. 25; Serial No. 407,870; published Aug. 9, 1938.
Golf clubs and parts thereof. K. Smith. 361,583; Oct. 25; Serial No. 400,799; published Aug. 9, 1938.
Playroom or playground equipment. Newson & Bills. 361,697; Oct. 25; Serial No. 408,128; published Aug. 9, 1938.
Skis. Ski Specialty Manufacturing Company. 361,652; Oct. 25; Serial No. 407,446; published Aug. 9, 1938.
Top. Donald F. Duncan, Inc. 361,610; Oct. 25; Serial No. 405,384; published Aug. 9, 1938.
Toys. Pulp Products Company. 361,597; Oct. 25; Serial No. 404,545; published Aug. 9, 1938.

CLASS 23

Cutlery, machinery, and tools and parts thereof. Chicago Pneumatic Tool Company. 123,981; renewed Dec. 31, 1938.
Extractors, Fruit juice. National Die Casting Sales Corp. 361,587; Oct. 25; Serial No. 402,197; published Aug. 16, 1938.
Oil cups. Tangent Oil Cup Co. 361,674; Oct. 25; Serial No. 407,697; published Aug. 16, 1938.
Reels for winding and cutting cellophane webs. System Machine Company. 361,588; Oct. 25; Serial No. 402,349; published Aug. 16, 1938.
Slicing machine blades. Micro-Westco, Inc. 361,653; Oct. 25; Serial No. 407,466; published Aug. 16, 1938.
Superchargers. T. H. Burns. 361,628; Oct. 25; Serial No. 406,675; published Aug. 16, 1938.

CLASS 26

Accounting machines; card and tape punches; etc. Remington Rand Inc. 361,570; Oct. 25; Serial No. 398,493; published Aug. 16, 1938.
Bearing members. Duncan Electric Manufacturing Company. 361,602; Oct. 25; Serial No. 404,838; published Aug. 16, 1938.
Photographic apparatus. Rex Electric Company. 361,668; Oct. 25; Serial No. 407,605; published Aug. 16, 1938.
Thermostats, thermostatic valves, etc. Grayson Heat Control, Ltd. 361,576; Oct. 25; Serial No. 400,007; published Aug. 16, 1938.
Weighing apparatus. Hennefer Maschinenfabrik C. Reuther & Reisert mit beschränkter Haftung. 361,662; Oct. 25; Serial No. 407,546; published Aug. 16, 1938.

CLASS 30

Cooking ware, Ceramic. W. Kruger. 361,621; Oct. 25; Serial No. 406,077; published Aug. 16, 1938.

CLASS 31

Storage systems, Bulk pressure. Cardox Corporation. 361,671; Oct. 25; Serial No. 407,657; published Aug. 9, 1938.

CLASS 32

Blinds, Venetian. Columbia Mills, Inc. 361,660; Oct. 25; Serial No. 407,537; published Aug. 16, 1938.
Chairs and settees. Mueller Furniture Co. 361,692; Oct. 25; Serial No. 408,071; published Aug. 16, 1938.
Chairs, Folding. Toby Clark, Inc. 361,609; Oct. 25; Serial No. 405,374; published Aug. 16, 1938.
Furniture, Wooden. Saginaw Furniture Shops. 361,676; Oct. 25; Serial No. 407,821; published Aug. 9, 1938.
Mattresses. Charles P. Rogers & Co. Inc. 361,673; Oct. 25; Serial No. 407,692; published Aug. 9, 1938.
Mattresses, studio couches and bed springs. Estee Bedding Company. 361,706; Oct. 25; Serial No. 408,271; published Aug. 9, 1938.
Shades and window shades, Porch. Hough Shade Corporation. 361,709; Oct. 25; Serial No. 408,366; published Aug. 16, 1938.
Tables, coffee tables, end tables, etc., Bridge. Bridge Tables and Novelties, Inc. 361,650; Oct. 25; Serial No. 407,420; published Aug. 9, 1938.

CLASS 33

Ampuls made of glass. G. W. Carnrick Co. 124,673; renewed Mar. 11, 1939.

CLASS 35

Leathers, valve leathers, crimps, etc., Cup. C. F. Adams, Incorporated. 361,560; Oct. 25; Serial No. 380,817; published Aug. 16, 1938.
Tires, tubes, and accessories. Arkansas Fuel Oil Company. 361,690; Oct. 25; Serial No. 408,043; published Aug. 9, 1938.

CLASS 36

Musical instruments and accessories. Targ and Dinner, Inc. 361,603; Oct. 25; Serial No. 404,872; published Aug. 16, 1938.
Pick, Banjo and guitar. J. W. Nicomede. 361,725; Oct. 25.
Radio and automatic phonographs, Combination. Capehart, Incorporated. 361,655; Oct. 25; Serial No. 407,489; published Aug. 16, 1938.

CLASS 37

Filing supplies. Yawman and Erbe Mfg. Co. 361,720; Oct. 25.
Forms, Blank. Royal Revues, Inc. 361,713; Oct. 25.
Paper, Bond. McKee Company. 361,595; Oct. 25; Serial No. 404,223; published Aug. 23, 1938.
Paper, Printing and writing. Graham Paper Company. 361,718; Oct. 25.
Writing-tablets and type-writer paper. Western Tablet Company. 124,912; renewed Mar. 18, 1939.

CLASS 38

Magazine. Texas Company. 124,896; renewed Mar. 18, 1939.

CLASS 39

Blouses. M. Pressluff. 361,600; Oct. 25; Serial No. 404,775; published Aug. 16, 1938.
Boots and shoes. Cammeyer. 123,196; renewed Oct. 22, 1938.
Cardigans and pullover sweaters. George Peck (Leicester) Limited. 361,563; Oct. 25; Serial No. 388,725; published Aug. 16, 1938.
Coats and suits, Ladies' and misses'. Metzger & Cohen. 361,620; Oct. 25; Serial No. 406,065; published Aug. 16, 1938.
Dresses, N. Abelson. 361,613; Oct. 25; Serial No. 405,801; published Aug. 16, 1938.
Dresses, Ladies'. Klein & Sobelman. 361,575; Oct. 25; Serial No. 399,839; published Aug. 16, 1938.
Dresses, Misses'. Max Wiesen & Sons Co. Inc. 361,584; Oct. 25; Serial No. 401,357; published Aug. 16, 1938.
Hosiery. Piccadilly Hosiery Mills. 361,615; Oct. 25; Serial No. 405,892; published Aug. 16, 1938.
Mackinaws and sportswear. Fox Knapp Mfg. Co. 361,590; Oct. 25; Serial No. 402,906; published Aug. 16, 1938.
Night gowns, pajamas, slips, and panties. American Maid Company. 361,611; Oct. 25; Serial No. 405,472; published Aug. 16, 1938.
Overcoats and topcoats. Jacob Pollack & Sons. 361,593; Oct. 25; Serial No. 403,961; published Aug. 16, 1938.
Panties, stepins, bloomers, etc. Mayer Stern Undergarment Co. 361,578; Oct. 25; Serial No. 400,115; published Aug. 16, 1938.
Shirts, pajamas, sweaters, etc. Nirenberg & Salzman, Inc. 361,573; Oct. 25; Serial No. 399,673; published Aug. 16, 1938.
Shirts, sport shirts, pajamas, etc. Enro Shirt Co. 361,626; Oct. 25; Serial No. 406,583; published Aug. 16, 1938.

Stockings, Silk. Aristoc Limited. 361,604; Oct. 25; Serial No. 404,977; published Aug. 16, 1938.
Sweaters, Knitted. Friendly Knitting Mills, Inc. 361,607; Oct. 25; Serial No. 405,201; published Aug. 16, 1938.

CLASS 40

Shields, Dress. I. B. Kleinert Rubber Company. 361,711; Oct. 25.

CLASS 42

Comforts. J. C. Penney Company. 361,596; Oct. 25; Serial No. 404,539; published Aug. 16, 1938.
Cotton piece goods, sheets, and pillow cases. Wamsutta Mills. 361,681; Oct. 25; Serial No. 407,925; published Aug. 16, 1938.
Fabrics, Pile. Sidney Blumenthal & Co. Inc. 361,691; Oct. 25; Serial No. 408,046; published Aug. 16, 1938.
Fabrics, Satin lining. H. A. Gitlin & Co. 361,639; Oct. 25; Serial No. 407,265; published Aug. 16, 1938.
Fabrics, Textile. Zekaria Brothers. 361,687; Oct. 25; Serial No. 408,000; published Aug. 16, 1938.
Fabrics, Woven elastic. United Elastic Corporation. 361,565; Oct. 25; Serial No. 395,689; published Aug. 16, 1938.
Piece goods. Celanese Corporation of America. 361,634; Oct. 25; Serial No. 407,217; published Aug. 16, 1938.
Piece goods. Celanese Corporation of America. 361,656; Oct. 25; Serial No. 407,490; published Aug. 16, 1938.
Piece goods. National Dyeing and Printing Company. 361,693; Oct. 25; Serial No. 408,073; published Aug. 16, 1938.
Piece goods. Packard Dresses, Inc. 361,664; Oct. 25; Serial No. 407,556; published Aug. 16, 1938.
Piece goods. Raynit Mills. 361,636–7; Oct. 25; Serial Nos. 407,246–7; published Aug. 16, 1938.
Piece goods, Finished. S. T. Palay Textile Corporation. 361,640–1; Oct. 25; Serial Nos. 407,277–8; published Aug. 16, 1938.
Plushes in the piece. Hind & Harrison Plush Company. 361,623; Oct. 25; Serial No. 406,249; published Aug. 16, 1938.

CLASS 44

Apparatus for prescribing audiphones, Electrically operable. E. A. Myers & Sons. 361,701; Oct. 25; Serial No. 408,201; published Aug. 16, 1938.
Bed conditioners. Superwarmer Corporation. 361,579; Oct. 25; Serial No. 400,136; published Aug. 16, 1938.
Denture materials. Detroit Dental Manufacturing Co. 361,682; Oct. 25; Serial No. 407,943; published Aug. 16, 1938.
Diagnostic apparatus. McKesson Appliance Co. 361,683; Oct. 25; Serial No. 407,956; published Aug. 16, 1938.
Embalming apparatus, Electrically driven. K-Z Company. 361,679; Oct. 25; Serial No. 407,907; published Aug. 16, 1938.
Hearing-aid devices and acoustic elements and accessories thereof. Sonotone Corporation. 361,630; Oct. 25; Serial No. 406,991; published Aug. 16, 1938.
Hearing aids, Electrically operable. E. A. Myers & Sons. 361,700; Oct. 25; Serial No. 408,200; published Aug. 16, 1938.
Medicators. Hospital Specialty Company. 361,667; Oct. 25; Serial No. 407,592; published Aug. 16, 1938.
Pad, Absorption. N. R. McFadden. 361,582; Oct. 25; Serial No. 400,780; published Aug. 16, 1938.
Sanitary napkins. National Cellulose Corporation. 361,663; Oct. 25; Serial No. 407,554; published Aug. 16, 1938.
Sanitary napkins. Stanley Laboratories, Inc. 361,632; Oct. 25; Serial No. 407,162; published Aug. 16, 1938.
Teeth, Artificial. Artype Dental Company. 361,688; Oct. 25; Serial No. 408,036; published Aug. 16, 1938.
Trichinoscopes, lamps for medicinal purposes. Optikotechna Společnost S R. O. 361,619; Oct. 25; Serial No. 405,976; published Aug. 16, 1938.
Vacuum inducing therapeutic apparatus. General Tire & Rubber Company. 361,646; Oct. 25; Serial No. 407,373; published Aug. 16, 1938.

CLASS 45

Beverages. Garrett and Company. 124,841; renewed Mar. 18, 1939.
Beverages and beverage syrups, Carbonated. Empire Bottling Company. 361,624; Oct. 25; Serial No. 406,419; published Aug. 16, 1938.
Syrups and flavors for soft drinks and mixers. Jero Products Co. 361,561; Oct. 25; Serial No. 381,459; published Aug. 16, 1938.

CLASS 46

Butter. Swift and Company. 361,645; Oct. 25; Serial No. 407,336; published Aug. 16, 1938.
Candy. National Candy Co. 361,724; Oct. 25.
Candy. Williamson Candy Company. 361,666; Oct. 25; Serial No. 407,573; published Aug. 16, 1938.
Canned dog food. Dr. W. J. Ross Co. 361,644; Oct. 25; Serial No. 407,331; published Aug. 16, 1938.
Canned fish. New England Fish Company. 361,577; Oct. 25; Serial No. 400,066; published Jan. 18, 1938.
Canned food for dogs, cats, and carnivorous animals. Atlas Canning Company. 361,721; Oct. 25.
Canned fruit. E. M. Battat. 361,649; Oct. 25; Serial No. 407,417; published Aug. 16, 1938.
Canned fruits. Bercut-Richards Packing Company. 361,716; Oct. 25.
Canned fruits, and canned tomato juice. Hearst Sunical Land and Packing Corporation. 361,719; Oct. 25.
Canned fruits, canned vegetables, and canned fruit juices. H. E. Butt Grocery Company. 361,629; Oct. 25; Serial No. 406,707; published Aug. 16, 1938.
Canned salmon. Roundup Fisheries Co. 123,388; renewed Oct. 29, 1938.
Canned vegetables. Bercut-Richards Packing Company. 361,717; Oct. 25.
Cheese. Voinvienti-Osuullike Vallo r. L. 361,627; Oct. 25; Serial No. 406,609; published Aug. 16, 1938.
Chewing gum. Ten Crown Gum Co. 361,562; Oct. 25; Serial No. 387,764; published Aug. 16, 1938.
Coffee. Park & Tilford. 122,810; renewed Sept. 17, 1938.
Coffee. Widlar Co. 124,914; renewed Mar. 18, 1939.
Cornstarch. American Maize-Products Company. 361,638; Oct. 25; Serial No. 407,256; published Aug. 16, 1938.
Crackers, Graham. J. B. Carr Biscuit Company. 361,726; Oct. 25.
Farina. Pillsbury Flour Mills Company. 361,616–17; Oct. 25; Serial Nos. 405,909–10; published Aug. 16, 1938.
Feed, Dairy. Charleston Milling Company. 361,585; Oct. 25; Serial No. 401,636; published Aug. 16, 1938.
Fish and shellfish contained in cans. R. M. Gardiner. 361,594; Oct. 25; Serial No. 404,041; published Aug. 16, 1938.
Fish, pickled fish, salted fish, etc., Smoked. Chicago Smoked Fish Co. 361,569; Oct. 25; Serial No. 397,703; published Aug. 16, 1938.
Flavoring mixture. H. J. Heinz Company. 361,714; Oct. 25.
Flour, cake flour, graham flour, etc., Wheat. Blish Milling Company. 361,605; Oct. 25; Serial No. 404,979; published Aug. 16, 1938.
Flour, Wheat. Charleston Milling Company. 361,586; Oct. 25; Serial No. 401,637; published Aug. 16, 1938.
Flour, Wheat. Commercial Milling Company. 361,581; Oct. 25; Serial No. 400,668; published Aug. 16, 1938.
Flour, Wheat. Empire Milling Company. 124,836; renewed Mar. 18, 1939.
Foods. Cresca Company. 121,704; renewed May 21, 1938.
Foods, Bird, fish, dog, etc. C. G. Ash. 361,599; Oct. 25; Serial No. 404,739; published Aug. 16, 1938.
Fruits and vegetables, Frosted. A. R. Haben. 361,564; Oct. 25; Serial No. 391,527; published Oct. 12, 1937.
Fruits, Fresh citrus. McDonald Corporation. 361,567; Oct. 25; Serial No. 396,345; published Jan. 4, 1938.
Fruits, Fresh deciduous. Northwest Apple Exporters. 361,651; Oct. 25; Serial No. 407,439; published Aug. 16, 1938.
Jellies, fruit butters, marmalades, etc. Howard Preserving Company. 361,566; Oct. 25; Serial No. 396,342; published May 24, 1938.
Macaroni dinner. Robilio & Cuneo. 361,622; Oct. 25; Serial No. 406,152; published Aug. 16, 1938.
Popcorn. Popmatic Manufacturing Company. 361,598; Oct. 25; Serial No. 404,583; published Aug. 16, 1938.
Poultry and baby chicks, Live. A. H. Fingar. 361,658; Oct. 25; Serial No. 407,494; published Aug. 16, 1938.
Saltines. J. B. Carr Biscuit Company. 361,727–8; Oct. 25.

CLASS 47

Wines. Schenley Import Corporation. 361,580; Oct. 25; Serial No. 400,572; published Aug. 16, 1938.

CLASS 48

Ale and beer. Hampden Brewing Company. 361,635; Oct. 25; Serial No. 407,223; published Aug. 16, 1938.

CLASS 49

Gin, Sloe. Leroux & Co. 361,694–5; Oct. 25; Serial Nos. 408,113–14; published Aug. 9, 1938.
Whiskey. Sunrise Liquor Corporation. 361,702–5; Oct. 25; Serial Nos. 408,214–17; published Aug. 9, 1938.
Whiskey, gin, brandy, and alcoholic cordials. Records & Goldsborough, Incorporated. 361,698; Oct. 25; Serial No. 408,133; published Aug. 9, 1938.
Whiskey, gin, rum, etc. Greenbros, Inc. 361,661; Oct. 25; Serial No. 407,541; published Aug. 9, 1938.
Whiskey, gin, rum, etc. Wathen Brothers. 361,699; Oct. 25; Serial No. 408,140; published Aug. 16, 1938.
Whiskies, gins, and alcoholic cordials. Kraus Bros. & Co. 361,592; Oct. 25; Serial No. 403,267; published Aug. 16, 1938.
Whisky. Scotch. McKesson & Robbins, Inc. 361,696; Oct. 25; Serial No. 408,119; published Aug. 9, 1938.

LIST OF LABELS

A Cloud of Certain Death to Insects. For Roach Powder. L. Mandlak. 52,001; Oct. 25.

Ada Milling Company Food Products, (Floral Pattern: Blue Background. Small Flowers in White and Maroon. Larger Flowers in Blue, Maroon, Yellow, etc.). For Food Products. Ada Milling Company. 51,977; Oct. 25.

Ada Milling Company Food Products, (All-Over Floral Pattern: Large Flowers in Blue-Green, Bright Red, with Green and Yellow Centers. Large Leaves, etc.) For Food Products. Ada Milling Company. 51,978; Oct. 25.

Air-Vent Combination Pack. For Bowl, Bottle, Cup and Jar Covers. A. Reinhold. 52,004; Oct. 25.

Borden's Cream Caramels. For Cream Caramels. Borden Company. 51,982; Oct. 25.

Del. For Toilet Soap. La Comp Products, Inc. 51,999; Oct. 25.

Depreciation Control. For No Re-Write Deferred Expense—Depreciation Control Records. V. R. Alexander. 51,979; Oct. 25.

Electrost. For Coffee. Coffee Electrost Corp. 51,984; Oct. 25.

Gilbey's Distilled London Dry Gin. For Gin. W. & A. Gilbey, Ltd. 51,986; Oct. 25.

Hollywood Stars Hair Pin Curler. For Hairpin Curlers. Hollywood Stars Hairpin Curler Co. 51,989; Oct. 25.

Hunch. For a Cleaner for Painted or Enameled Woodwork, Furniture, Linoleum, Window Glass, Mirrors, Porcelain etc. A. V. Cooper. 51,985; Oct. 25.

Hygrade Lamps. For Electric Lamps. Hygrade Sylvania Corporation. 51,990; Oct. 25.

King Minos. For Olive Oil. United Pure Food Co. 52,006; Oct. 25.

Kroger's Country Club Brand Grapefruit Juice. For Canned Grapefruit Juice. Kroger Grocery & Baking Co. 51,992; Oct. 25.

Kroger's Country Club Brand Red Kidney Beans. For Canned Kidney Beans. Kroger Grocery & Baking Co. 51,993; Oct. 25.

Kroger's Country Club Brand Pumpkin. For Canned Pumpkin. Kroger Grocery & Baking Co. 51,994; Oct. 25.

Kroger's Country Club Brand Pineapple. For Canned Pineapple. Kroger Grocery & Baking Co. 51,995; Oct. 25.

Kroger's Country Club Brand Fruits for Salads. For Canned Mixed Fruits. Kroger Grocery & Baking Co. 51,996; Oct. 25.

Kroger's Country Club Brand Fruit Cocktail. For Canned Fruit Cocktail. Kroger Grocery & Baking Co. 51,997; Oct. 25.

Kroger's Country Club Brand Peaches. For Canned Peaches. Kroger Grocery & Baking Co. 51,998; Oct. 25.

Marvel Cleaner. For a Steamless Hat Cleaner and Renewer. A. Hamer. 51,988; Oct. 25.

Maryland Maid. For Fresh Peaches. H. D. Newman. 52,002; Oct. 25.

Old Camp Nelson Brand Kentucky Straight Bourbon Whiskey. For Kentucky Straight Bourbon Whiskey. Kelly Liquor Company. 51,991; Oct. 25.

Physical Culture. For Mattresses. M. Weisman. 52,007; Oct. 25.

Savorex. For an Extract of Yeast and Vegetables. Loma Linda Food Company. 52,000; Oct. 25.

Sudco, Certified Quality Hosiery. For Full Fashioned Hosiery. N. B. Sudock. 52,005; Oct. 25.

Sunbeam. For Fancy Tomato Juice. Austin, Nichols & Co. 51,980; Oct. 25.

Sunbeam (Orange Juice). For Fancy Orange Juice. Austin-Nichols & Co. 51,981; Oct. 25.

Sweet Sixteen. For Carbonated Beverages. Carbonated Beverages, Inc. 51,983; Oct. 25.

Tenderlean. For Ham. L. Graziano. 51,987; Oct. 25.

Tu-Fers. For Doughnuts. Pacific Waxed Paper Company. 52,003; Oct. 25.

LIST OF PRINTS

Are You Ear Conscious? For Application for Correcting Ears That Protrude. E. Davis, 4th. 17,092; Oct. 25.

Easy-Gro Pots. For Floral Pots. George Koch Sons. 17,096; Oct. 25.

Econocar. For Automobiles. Ideas, Inc. 17,095; Oct. 25.

Kreami-Frost. For Frozen Confections. Frozen Novelties Sales Corporation. 17,093; Oct. 25.

Made From One Package of Bisquick! For Biscuit Flour. General Mills, Inc. 17,094; Oct. 25.

New Sensational Hollywood Pat-Puf. For Powder Puffs. B. O. Mullen. 17,097; Oct. 25.

Perfectly Digestible First Solid Food is Every Baby's Need. For Wheat Breakfast Food. Cream of Wheat Corporation. 17,091; Oct. 25.

Print-Ad-String. For Advertising Tapes Used for Tying Packages. Chicago Printed String Co. 17,090; Oct. 25.

Purebred Guernseys Pay! (Dairy Poster). For Dairy Feed. Ralston Purina Company. 17,099; Oct. 25.

Purebred Holsteins Pay! (Dairy Poster). For Dairy Feed. Ralston Purina Company. 17,098; Oct. 25.

Purebred Jerseys Pay! (Dairy Poster). For Dairy Feed. Ralston Purina Company. 17,100; Oct. 25.

Wanted:—People to Taste Candy, to See if It's Any Good. For Candy and Nuts. Awful Fresh MacFarlane. 17,089; Oct. 25.

Your Smartness is Measured by the Foot! For Shoes. Chas. A. Stevens & Company. 17,101; Oct. 25.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 25TH DAY OF OCTOBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

American Lace Paper Company. (See Conrad, Fred A., assignor.)

Bambenek, Dominic C. (See Bambenek, Joseph B. and D. C.)

Bambenek, Joseph B. and D. C., assignors to Peerless Chain Company, Winona, Minn. Traction-increasing device. Re. 20,892; Oct. 25.

Bartholomew, Howard W., Pottstown, Pa., assignor to Doehler Die Casting Company, Toledo, Ohio. Milling machine. Re. 20,893; Oct. 25.

Bluemel Bros. Limited. (See Douglas, John G., assignor.)

Conrad, Fred A., assignor to American Lace Paper Company, Milwaukee, Wis. Shelf paper. Re. 20,894; Oct. 25.

Doehler Die Casting Company. (See Bartholomew, Howard W., assignor.)

Douglas, John G., Aberfeldy, Scotland, assignor to Bluemel Bros. Limited, Wolston, near Coventry, England. Steering gear for motor vehicles. Re. 20,895; Oct. 25.

Greibach, Emil H., Brooklyn, N. Y. Bone conduction hearing device. Re. 20,896; Oct. 25.

Peerless Chain Company. (See Bambenek, Joseph B. and D. C., assignors.)

Pink, Clarence E. Cambridge, Md. Multistrand spiral fabric. Re. 20,897; Oct. 25.

Schabinger, Arthur A., Chicago, Ill. Device for basketball games. Re. 20,898; Oct. 25.

Scholl, William M., Chicago, Ill. Card for corn pads and the like. Re. 20,899; Oct. 25.

LIST OF PLANT PATENTEES

Horvath, Michael H., Mentor, Ohio. Rose. 296; Oct. 25.

Horvath, Michael H., Mentor, Ohio. Rose. 297; Oct. 25.

Horvath, Michael H., Mentor, Ohio. Rose. 298; Oct. 25.

Horvath, Michael H., Mentor, Ohio. Rose. 299; Oct. 25.

LIST OF DESIGN PATENTEES

Backlund, John A., assignor to Lincoln-Schlueter Floor Machinery Company, Inc., Chicago, Ill. Scrubbing machine. 111,887; Oct. 25.

Barsky, Irving, New York, N. Y. Dress. 111,914; Oct. 25.

Benfield, John D., Detroit, Mich. Pipe bending tool. 111,870; Oct. 25.

Berman, Israel, New York, N. Y. Slipper. 111,845; Oct. 25.

Bibula, Jacob L., New York, N. Y. Belt. 111,888; Oct. 25.

Bittson, Anthony J., New York, N. Y. Advertising device. 111,889; Oct. 25.

Blumenthal, Irene, New York, N. Y. Embroidered fabric. 111,871; Oct. 25.

Boepple, Hans, New York, N. Y. Sweater. 111,890; Oct. 25.

Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Heater. 111,891; Oct. 25.

Bushnell, Winslow, Los Angeles, Calif. Directory cabinet for indexing and displaying locations on maps. 111,892; Oct. 25.

Cable, Robert P., Dorchester, Mass. Textile fabric or similar article. 111,872; Oct. 25.

Christian, Alfred R., Chicago, Ill. Casket. 111,846; Oct. 25.

Christian, Alfred R., Chicago, Ill. Casket shell. 111,847; Oct. 25.

Ciccone, Elizabeth M., New York, N. Y. Dress. 111,926; Oct. 25.

Cincinnati Ball Crank Company, The. (See Field, Richard P., assignor.)

Clemson Bros., Inc. (See Clemson, Richard D., assignor.)

Clemson, Richard D., assignor to Clemson Bros., Inc., Middletown, N. Y. Mower reel. 111,873; Oct. 25.

Coblentz, Louis J., New York, N. Y. Handbag. 111,893; Oct. 25.

Cohen, Arthur, New York, N. Y. Dress. 111,927; Oct. 25.

Cohen, Arthur, New York, N. Y. Dress. 111,928; Oct. 25.

Coleman, Tora, New York, N. Y. Dress. 111,929; Oct. 25.

Conner, Michael, Cincinnati, Ohio, assignor of one-half to Sugar Beet Products Company, Saginaw, Mich. Fountain bowl or like article. 111,894; Oct. 25.

Danon, Richard W., Chicago, Ill. Chessboard or similar article. 111,848; Oct. 25.

Danon, Richard W., Chicago, Ill. Chessmen or similar articles. 111,849; Oct. 25.

Davis, Kenneth F., and J. J. Josephs, assignors to The Sikes Company, Inc., Buffalo, N. Y. Chair. 111,906; Oct. 25.

Deskey, Donald, New York, N. Y., assignor to Royal Metal Manufacturing Company, Chicago, Ill. Chair. 111,850; Oct. 25.

Ellis, W. R., et al. (See Williams, Josh F., assignor.)

Field, Richard P., Indian Hill, assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Lubricator casing. 111,895; Oct. 25.

Field, Richard P., Indian Hill, assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Lubricator casing. 111,896; Oct. 25.

Field, Richard P., Indian Hill, assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Lubricator casing. 111,897; Oct. 25.

Fracchia, Pauline, New York, N. Y. Dress. 111,915; Oct. 25.

Frazier, John F., assignor to Gar Wood Industries, Inc., Detroit, Mich. Fire truck or similar article. 111,874; Oct. 25.

Fried, Benjamin, New York, N. Y. Dress ensemble. 111,930; Oct. 25.

Gar Wood Industries, Inc. (See Frazier, John F., assignor.)

Goehring, Otto C., Elmhurst, N. Y. Font of type. 111,875; Oct. 25.

Goldman, Harry, New York, N. Y. Dress. 111,916; Oct. 25.

Goodrich, B. F., Company, The. (See Peterson, Roy C., assignor.)

Granat, Joseph, San Francisco, Calif. Watchcase. 111,917; Oct. 25.

Granat, Joseph, San Francisco, Calif. Watchcase. 111,918; Oct. 25.

Hagstrom, Joseph E., assignor to The Vendo Company, Kansas City, Mo. Bottle vending machine. 111,851; Oct. 25.

Hanna, Horace W., assignor of one-half to K. Malik, New York, N. Y. Coaster slide. 111,876; Oct. 25.

Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano. 111,877; Oct. 25.

Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano music rack. 111,878; Oct. 25.

Heller, Henry R., assignor to Winter & Co., New York, N. Y. Lyre for a piano. 111,879; Oct. 25.

Heller, Henry R., assignor to Winter & Co., New York, N. Y. Lyre for a piano. 111,880; Oct. 25.

Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano. 111,898; Oct. 25.

Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano. 111,899; Oct. 25.

Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano. 111,900; Oct. 25.

Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano music rack. 111,901; Oct. 25.

Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano music rack. 111,902; Oct. 25.

Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano music rack. 111,903; Oct. 25.

Heller, Henry R., assignor to Winter & Co., New York, N. Y. Lyre for a piano. 111,904; Oct. 25.

Hesse, Samuel, Memphis, Tenn. Puzzle. 111,905; Oct. 25.

Hoover, Frank M., Youngstown, Ohio. Gear shift ball. 111,881; Oct. 25.

Hurzeler, Alphons, New Rochelle, N. Y. Heel. 111,852; Oct. 25.

Hygienic Tube & Container Company. (See Lermer, Herman B., assignor.)

Jocell, Esther, New York, N. Y. Dress. 111,931; Oct. 25.
Johnson, William E., Chicago, Ill., assignor to Rand McNally & Company. Combined globe and stand. 111,853; Oct. 25.
Josephs, John J. (See Davis, K. F., and Josephs.)
Kratz, Oscar E., assignor to H. D. Lee Mercantile Company, Kansas City, Mo. Suspender loop. 111,854; Oct. 25.
La Rue, Willis E., Indianapolis, Ind. Combined screw driver and wrench. 111,907; Oct. 25.
Latham, J. W., et al. (See Williams, Josh F., assignor.)
Lee, H. D., Mercantile Company. (See Kratz, Oscar E., assignor.)
Lermer, Herman B., Newark, N. J., assignor, by mesne assignments, to J., H. B., and I. S. Lermer, doing business as Hygienic Tube & Container Company. Moistening device or similar article. 111,908; Oct. 25.
Lermer, Irving S., et al. (See Lermer, Herman B., assignor.)
Lermer, Joseph, et al. (See Lermer, Herman B., assignor.)
Lincoln-Schlueter Floor Machinery Company. (See Backlund, John A., assignor.)
Malik, Kathie. (See Hanna, Horace W., assignor.)
Mascitelli, Marie, New York, N. Y. Dress. 111,932; Oct. 25.
Mast, Esther, New York, N. Y. Dress. 111,933; Oct. 25.
Megibow, George, New York, N. Y. Textile fabric. 111,934; Oct. 25.
Megibow, George, New York, N. Y. Textile fabric. 111,935; Oct. 25.
Megibow, George, New York, N. Y. Textile fabric. 111,936; Oct. 25.
Meyerowich, Charles A., Staten Island, N. Y. Advertising display figure or article of similar nature. 111,909; Oct. 25.
Michelson, Margaret, New York, N. Y. Dress ensemble. 111,937; Oct. 25.
Moreno, Frank, Detroit, Mich. Direction indicator attachment for a golf club. 111,855; Oct. 25.
Morris, Julia, New York, N. Y. Textile fabric. 111,946; Oct. 25.
Morris, Julia, New York, N. Y. Textile fabric. 111,947; Oct. 25.
National Casket Co. Inc. (See Schwendler, Carl, assignor.)
Noblitt-Sparks Industries, Inc. (See Booth, Earl C., assignor.)
Parke, Davis & Company. (See Schultz, Thomas A., assignor.)
Perugia, Andre, Paris, France. Shoe or similar article. 111,856; Oct. 25.
Perugia, Andre, Paris, France. Shoe or similar article. 111,857; Oct. 25.
Perugia, Andre, Paris, France. Shoe or similar article. 111,858; Oct. 25.
Peterson, Roy C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 111,859; Oct. 25.
Preece, Fred W., Toledo, Ohio. Putting game device. 111,910; Oct. 25.
Price, David W., New York, N. Y. Dress. 111,919; Oct. 25.
Rand McNally & Company. (See Johnson, William E., assignor.)
Rapp, Samuel W. Jr., Morton, Ill. Lamp. 111,882; Oct. 25.
Reed & Barton. (See Turner, George L., assignor.)
Reich, Max, Chicago, Ill. Dress ensemble. 111,938; Oct. 25.
Reich, Max, Chicago, Ill. Dress ensemble. 111,941; Oct. 25
Richardson, Jean B., New York, N. Y. Combined chair, hook, and lamp. 111,911; Oct. 25.
Rost, Katheryn, New York, N. Y. Dress. 111,939; Oct. 25.
Roth, Isadore, St. Louis, Mo. Dress. 111,940; Oct. 25.
Royal Metal Manufacturing Company. (See Deskey, Donald, assignor.)
Rueb, Theodore O., assignor to The Sherman-Klove Co., Chicago, Ill. Combined work bench and tool cabinet. 111,860; Oct. 25.
Sabel, Harry, New York, N. Y. Mirror frame. 111,861; Oct. 25.
Samuels, Abraham, New York, N. Y. Dress. 111,920; Oct. 25.
Samuels, Abraham, New York, N. Y. Dress. 111,921; Oct. 25.
Schlessel, Philip, New York, N. Y. Dress. 111,922; Oct. 25.
Schutz, Thomas A., Chicago, Ill., assignor to Parke, Davis & Company, Detroit, Mich. Display case. 111,912; Oct. 25.
Schwendler, Carl, Winfield, Long Island, assignor to National Casket Co. Inc., Long Island City, N. Y. Casket. 111,862; Oct. 25.
Sennert, Doris, New York, N. Y. Dress. 111,923; Oct. 25.
Sherman-Klove Co., The. (See Rueb, Theodore O., assignor.)
Sikes Company, The. (See Davis, K. F., and Josephs, assignors.)
Siverts, Anna L., New York, N. Y. Dress. 111,942; Oct. 25.
Slepin, William, Philadelphia, Pa. Dress. 111,924; Oct. 25.
Stegeman, Albert V., Jr., Fort Thomas, assignor to The Wadsworth Watch Case Company, Dayton, Ky. Watch-case. 111,863; Oct. 25.
Stegeman, Albert V., Jr., Fort Thomas, assignor to The Wadsworth Watch Case Company, Dayton, Ky. Watch-case. 111,864; Oct. 25.
Stewart and McGuire, Incorporated. (See Tavis, John, assignor.)
Stone, Mollie, New York, N. Y. Dress. 111,943; Oct. 25.
Sugar Beet Products Company. (See Conner, Michael, assignor.)
Tavis, John, assignor to Stewart and McGuire, Incorporated, New York, N. Y. Vending machine casing or the like. 111,865; Oct. 25.
Tomshinsky, Victor, New York, N. Y. Dress. 111,944; Oct. 25.
Troy, Seymour, New York, N. Y. Shoe or similar article. 111,866; Oct. 25.
Turner, George L., assignor to Reed & Barton, Taunton, Mass. Spoon or similar article. 111,883; Oct. 25.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 111,945; Oct. 25.
Tyler Fixture Corporation. (See Tyler, Jerry, assignor.)
Tyler, Jerry, assignor to Tyler Fixture Corporation, Niles, Mich. Display case. 111,867; Oct. 25.
Tyler, Jerry, assignor to Tyler Fixture Corporation, Niles, Mich. Refrigerator display case. 111,868; Oct. 25.
Vendo Company, The. (See Hagstrom, Joseph E., assignor.)
Wadsworth Watch Case Company, The. (See Stegeman, Albert V., Jr., assignor.)
Williams, Josh F., assignor of one-third to W. R. Ellis and J. W. Latham, Lexington, Miss. Vehicle license plate. 111,884; Oct. 25.
Wilsey, Irven H., Chicago, Ill. Corn popping machine. 111,869; Oct. 25.
Winter & Co. (See Heller, Henry R., assignor.)
Woods, Robert J., Buffalo, N. Y. Airplane. 111,885; Oct. 25.
Wright, William E., & Sons Co. (See Wright, William R., assignor.)
Wright, William R., assignor to William E. Wright & Sons Co., West Warren, Mass. Display rack. 111,913; Oct. 25.
Zagel, Samuel J., Chicago, Ill. Combined lamp and supporting bracket. 111,886; Oct. 25.
Zahn, Samuel, New York, N. Y. Dress. 111,925; Oct. 25.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 25TH DAY OF OCTOBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Aalborg, Christian, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Snap switch. 2,134,541; Oct. 25.
Abegg, Walter A., Los Angeles, assignor to Globe Oil Tools Company, Los Nietos, Calif. Rotary well reamer. 2,134,095; Oct. 25.
Addressograph-Multigraph Corporation. (See Wescott, William B., assignor.)
Agfa Ansco Corporation. (See Barth, W., and Duerr, assignors.)
Aktiebolaget Svenska Kapsylfabriken. (See Franz, Philipp, assignor.)
Alabama Asphaltic Limestone Company. (See Conzelman, Joseph H., assignor.)
Alderman, Eugene R., South Hadley, assignor to Foster Machine Company, Westfield, Mass. Exhaust detector for stop motion mechanism in winding machines. 2,134,017; Oct. 25.
Alderman, Eugene R., South Hadley, assignor to Foster Machine Company, Westfield, Mass. Detector for stop motion mechanism in winding machines. 2,134,018; Oct. 25.
Alexander, John F., et al. (See Grantham, James, assignor.)
Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. High frequency radio repeater. 2,134,278; Oct. 25.
Allan, Benjamin W., assignor to American Zirconium Corporation, Baltimore, Md. Hydrolysis of titanium salt solutions. 2,133,941; Oct. 25.
Allen, Albert J., Brooklyn, N. Y., assignor to Metropolitan Device Corporation. Meter box. 2,133,944; Oct. 25.
Allen, Harold E., assignor to The Bristol Company, Waterbury, Conn. Telemetering device. 2,134,467; Oct. 25.
Allen, William W. (See Mills, L. E., and Allen.)
Allin, George S., Seattle, Wash., and T. P. Flynn, Portland, Oreg. Bulldozer. 2,134,019; Oct. 25.
Allis-Chalmers Manufacturing Company. (See Charley, Walter G., assignor.)
Allis-Chalmers Manufacturing Company. (See Flamm, Joseph, assignor.)
Alsing, Carl F., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Flow restrictor. 2,134,542; Oct. 25.
Amberg, Walter E., assignor to Universal Paper Products Company, Chicago, Ill. Receptacle. 2,134,321; Oct. 25.
American Coach and Body Company. (See Eckman, Meril L., assignor.)
American Cutting Alloys, Inc., The. (See Kieffer, Richard, assignor.)
American Hard Rubber Company. (See Hiemann, Walter, assignor.)
American Lurgi Corporation. (See Danulat, Friedrich, assignor.)
American Lurgi Corporation. (See Göhre, Kurt R., assignor.)
American Lurgi Corporation. (See Morlock, Emil, assignor.)
American Optical Company. (See Laabs, Max A., assignor.)
American Swiss Company, The. (See Rightmeyer, Holden W., assignor.)
American Telephone and Telegraph Company. (See Duncan, James A., assignor.)
American Telephone and Telegraph Company. (See Williams, Hollie C., assignor.)
American Zirconium Corporation. (See Allan, Benjamin W., assignor.)
Ames, Warren, Newton, Mass. Crystal and bezel mounting for dial gauges. 2,134,093; Oct. 25.
Andelenis, Speros P., Concord, N. H. Device for displaying a license plate. 2,134,594; Oct. 25.
Andres, William J. (See Roth, H. C., and Andres.)
Andrews, Chester E., Overbrook, assignor to Röhm & Haas Company, Philadelphia, Pa. Vanadium oxide catalyst. 2,134,543; Oct. 25.
Andrews, O. B. Company. (See Turner, William E., assignor.)
Andrieu, Robert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillograph device. 2,134,094; Oct. 25.
Andrie, Michael B., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Handle securing structure. 2,134,096; Oct. 25.
Angus, Donald J., Indianapolis, Ind. Reroll drive mechanism for graphic meters. 2,134,391; Oct. 25.
Anson, Isaac A., Tulsa, Okla. Steering wheel attachment. 2,134,020; Oct. 25.
Apel, Carl H. (See Crawford, D. A., McKinnon, and Apel.)
Apex Electrical Manufacturing Company. (See Racklyeft, John W., assignor.)
Apple, Bessie D. (See Cotterman, Frederick W., assignor.)
Appleton Electric Company. (See Tornblom, Nils A., assignor.)
Arehart, David D., assignor to Palace Travel Coach Corporation, Flint, Mich. Motor vehicle trailer. 2,134,351; Oct. 25.
Arnesen, Walter A., New York, N. Y. Ophthalmoscope. 2,134,279; Oct. 25.
Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Pyrophoric lighting mechanism. 2,134,497; Oct. 25.
Arrow-Hart & Hegeman Electric Company, The. (See Johnson, David W., assignor.)
Art Metal Works, Inc. (See Aronson, Louis V., assignor.)
Ashbaugh, John H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,133,951; Oct. 25.
Ashley, Carlyle M., Summit, assignor to Carrier Corporation, Newark, N. J. Adsorption air conditioning system. 2,134,544; Oct. 25.
Aten Sewage Disposal Co. (See Aten, Theodore, assignor.)
Aten, Theodore, Floral Park, assignor to Aten Sewage Disposal Co., Inc., New York, N. Y. Tank and the like. 2,134,651; Oct. 25.
Atlas Powder Company. (See Brown, Kenneth R., assignor.)
Atlas Powder Company. (See Goepp, Rudolph M., Jr., assignor.)
Atlas Powder Company. (See Moat, Harry L., assignor.)
Atwell, Harold V., White Plains, assignor to Process Management Company, Inc., New York, N. Y. Treatment of hydrocarbons. 2,134,322; Oct. 25.
Auer, George A. (See Wright, Joseph L., assignor.)
Austin, Bascum O., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,134,545; Oct. 25.
Avant, William V., South Miami, Fla. Weeding tool. 2,134,070; Oct. 25.
Avery, Henry A., and J. P. Barkdoll, Groton, assignors to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,134,097; Oct. 25.
Avery, W. & T., Limited. (See Page, Alfred E., assignor.)
Avis, Samuel W. (See Reece, F. A., and Avis.)
Babcock, Harold J., Cleveland Heights, Ohio. Sterilizing apparatus and method. 2,134,098; Oct. 25.
Babcock & Wilcox Company, The. (See Christensen, M., Plaine, Trainer, and Hodge, assignors.)
Babcock & Wilcox Company, The. (See Firshing, William M., assignor.)
Babcock & Wilcox Company, The. (See Kerr, Howard J., assignor.)
Babcock & Wilcox Company, The. (See Mayo, Dana H. N., assignor.)
Baer, Carl J., Jefferson Barracks, Mo. Marine carrier. 2,134,352; Oct. 25.
Bailey, Edward A., West Caldwell, N. J., assignor to General Electric Company. Reversible thermostatic system. 2,134,498; Oct. 25.
Bailey Meter Company. (See Woolley, Rew E., assignor.)
Bakelite Building Products Co. (See Harshberger, Norman P., assignor.)
Balck, Sivalls & Bryson, Inc. (See Raymond, G., and Young, assignors.)
Baldwin Rubber Company. (See Glougie, Bert S., assignor.)
Baldwin-Southwark Corporation. (See Weiland, Alfred, assignor.)
Balfour, Guthrie & Co. (See Schaefle, Ralph E., assignor.)
Ball, Donald A. (See Quick, C. G., Ball, and Whitehead.)
Ballou, Leon H. (See Guenther, George A. and H. V., assignors.)
Balz, William G., assignor to Shakespeare Company, Kalamazoo, Mich. Fishing reel. 2,134,099; Oct. 25.
Barkdoll, Joseph P. (See Avery, H. A., and Barkdoll.)
Barker, Henry J., Upper Holloway, London, assignor of one-half to Evans Concinnum Limited, London, England. Machine for making cigarettes. 2,134,353; Oct. 25.
Barna, Joseph W., Chicago, Ill. Lasting machine. 2,133,942; Oct. 25.
Barnes, Llewellyn T., Hempstead, N. Y. Hydrocarbon vapor and air mixing device. 2,134,021; Oct. 25.
Barnhardt, Jacob C. (See Lewis, H. M., and Barnhardt.)
Baron, Arthur S., et al. (See Vendope, Van L., assignor.)
Barrett, James H., Okmulgee, Okla. Toy mule. 2,133,943; Oct. 25.

Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Journal box. 2,134,499; Oct. 25.

Barth, Walther, and H. H. Duerr, assignors to Agfa Ansco Corporation, Binghamton, N. Y. High speed infrared film. 2,134,546; Oct. 25.

Barwood, Leon J., Cambridge, Mass. Film cut-out. 2,134,392; Oct. 25.

Bashara, Samuel F., Houston, Tex. Slip. 2,134,468; Oct. 25.

Bassick Company, The. (See Claud-Mantle, Arthur, assignor.)

Bates, Richard, et al. (See Blalock, Eugene, assignor.)

Beach, Royal A., assignor to The Dumore Company, Racine, Wis. Rheostat. 2,134,323; Oct. 25.

Beckett, Kenneth C., Evanston, and S. I. Lindell, assignors to Schweitzer & Conrad, Inc., Chicago, Ill. Thermal cut-out. 2,133,945; Oct. 25.

Bell, Angus S., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of composite yarns. 2,134,022; Oct. 25.

Bendix Aviation Corporation. (See Breese, Robert P., assignor.)

Bendix Aviation Corporation. (See Heintz, Ralph M., assignor.)

Bendix Aviation Corporation. (See Kleisrath, Victor W., assignor.)

Bendix Aviation Corporation. (See Price, Harold W. and E. R.)

Bendix Products Corporation. (See Floyd, John M., assignor.)

Bendix Products Corporation. (See Frank, Frederick C., assignor.)

Bendix Products Corporation. (See Hall, Percy E., assignor.)

Bendix Products Corporation. (See Lauer, Léon N., assignor.)

Bendix Products Corporation. (See Roth, H. C., and Andres, assignors.)

Bennett, Claude C., South Bend, Ind., assignor to A. E. Feragen, Inc., Seattle, Wash. Wheel balancer—Dynamic-type. 2,134,500; Oct. 25.

Bennett, Claude C., South Bend, Ind., assignor to A. E. Feragen, Inc., Seattle, Wash. Axle press. 2,134,501; Oct. 25.

Bennett, Inslee A., Sharpsburg, Pa., assignor to National Electric Products Corporation. Floor duct. 2,134,393; Oct. 25.

Benson, Andrew. (See Schmid, T., Jr., and Benson.)

Berger, Knute, Seattle, Wash. Logging equipment. 2,134,243; Oct. 25.

Bergevin, Charles R., assignor to The Torrington Manufacturing Company, Torrington, Conn. Spring forming device. 2,134,469; Oct. 25.

Besler, William J. (See Christensen, Clarence A., assignor.)

Biderman, Julius, Brooklyn, N. Y. Container. 2,134,427; Oct. 25.

Billig, Jacob and P. J., Bronx, N. Y., assignors to Breeze Corporation, Inc., Newark, N. J. Liquid tank. 2,134,678; Oct. 25.

Billig, Philip J. (See Billig, Jacob and P. J.)

Birr, Rudolph G., Lombard, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Toweling dispensing apparatus. 2,134,631; Oct. 25.

Blalock, Eugene M., Oakland, Calif., assignor of forty per cent to R. Bates, seven and one-half per cent to C. C. Voglesong, seven and one-half per cent to W. Pentecost, and five per cent to H. B. Moore. Retort. 2,134,244; Oct. 25.

Blanchard, Floyd M., London, England. Connection for endless chain mechanism. 2,134,222; Oct. 25.

Bloomer Bros. Company. (See Bloomer, Harrison C., assignor.)

Bloomer, Harrison C., assignor to Bloomer Bros. Company, Newark, N. Y. Carton construction. 2,133,946; Oct. 25.

Bluhm, Charles E., Rochester, N. Y. Lettering pen. 2,134,296; Oct. 25.

Blume, M. Erich. (See Höper, Karl, assignor.)

Boden, Samuel H. See MacDonald, H. G., and Boden.)

Boecler, Albert, Berlin, Germany. Dipping machine for producing seamless articles from substances in solution. 2,133,947; Oct. 25.

Bogart, Fred H., South Euclid, assignor to The Warner & Swasey Company, Cleveland, Ohio. Operating mechanism for machine tools. 2,134,024; Oct. 25.

Boettger, August C., Carlstadt, N. J. Traffic signal system. 2,134,023; Oct. 25.

Boldt, Charles E., Milltown, Ind. Stock weaner. 2,134,596; Oct. 25.

Borden, Moro M., assignor to Simplex Valve and Meter Company, Philadelphia, Pa. Compensated flow control system. 2,134,597; Oct. 25.

Borg-Warner Corporation. (See Buchanan, John C., assignor.)

Borg-Warner Corporation. (See Darbyshire, L. H., Norberg, and Morley, assignors.)

Borg-Warner Corporation. (See Osborne, William B., assignor.)

Borg-Warner Corporation. (See Rauen, C. F., and Klipela, assignors.)

Borg-Warner Corporation. (See White, Samuel O., assignor.)

Bossart, Paul N. (See Place, W. P., Bossart, and Grondahl.)

Boulton, Berthoud C. (See Klemm, H. G., and Boulton.)

Boyce, Leonard D., Maplewood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor structure. 2,134,354; Oct. 25.

Brace, Porter H. (See Keyes, J. J., and Brace.)

Brackett, Newell, Philadelphia, Pa. Dry graphite lubricated fabric packing. 2,134,324; Oct. 25.

Bradshaw, Charles E., assignor of one-third to C. Martin, Wellville, Va. Trailer construction. 2,134,595; Oct. 25.

Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliesrath, South Bend, Ind. Brake. 2,134,502; Oct. 25.

Bragg-Kliesrath Corporation. (See Kliesrath, V. W., and Sanford, assignors.)

Bray, William N., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole machine. 2,134,100; Oct. 25.

Bredouw, Homer L., Kansas City, Mo. Sounding apparatus. 2,134,025; Oct. 25.

Breese, James L., Jr., Santa Fe, N. Mex. Oil burning appliance. 2,134,297; Oct. 25.

Breese, Robert P., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,134,503; Oct. 25.

Breeze Corporation, Inc. (See Billig, Jacob and P. J., assignors.)

Breth, Maximilian, Ozone Park, N. Y. Cloth unwinder. 2,134,656; Oct. 25.

Brill, Willem G., Johannesburg, Transvaal, Union of South Africa. Numerical printing device. 2,134,223; Oct. 25.

Bristol Company, The. (See Allen, Harold E., assignor.)

Britten, Clyde H. (See Greensfelder, B. S., Spaght, and Britten.)

Brodersen, Karl, and M. Quaedvlieg, Dessau in Anhalt, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Combating insects. 2,134,504; Oct. 25.

Brooks, William H., Fairfax, Calif. Making bread sticks. 2,134,026; Oct. 25.

Brown, Kenneth R., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Resinous esterification products of inner ethers and making same. 2,134,429; Oct. 25.

Brown, Lawrence E., North Quincy, assignor to L. O. Erikson, Malden, Mass. Connecter. 2,134,170; Oct. 25.

Brown, Leopold, Chicago, Ill. Cutting machine. 2,134,171; Oct. 25.

Brown, Marvin, New York, N. Y. Clasp for garment supporters and the like. 2,134,224; Oct. 25.

Brown & Sharpe Manufacturing Company. (See James, Hugh, assignor.)

Brown, Sidney C., London, England. Variator for weight integrating devices. 2,134,298; Oct. 25.

Brühe, Herbert, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Siemenstadt, near Berlin, Germany. Antenna tensioning device. 2,134,027; Oct. 25.

Brunner, Arnold, H. Greune, M. Thiele, and K. Thiess, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuff-sulphonic acids of the dioxazine series and process of preparing them. 2,134,505; Oct. 25.

Bryan, Bert, La Fayette, Ind. Ironing table. 2,134,431; Oct. 25.

Buc, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Petroleum phenolic material. 2,134,547; Oct. 25.

Buchanan, John C., Detroit, Mich., assignor to Borg-Warner Corporation. Refrigerating apparatus. 2,134,101; Oct. 25.

Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,133,948; Oct. 25.

Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,133,949; Oct. 25.

Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus and method. 2,133,950; Oct. 25.

Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating method and apparatus. 2,133,952; Oct. 25.

Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,133,953; Oct. 25.

Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,133,954; Oct. 25.

Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control for two-temperature refrigerators. 2,133,955; Oct. 25.

Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,133,956; Oct. 25.

Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,133,959; Oct. 25.

Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,133,961; Oct. 25.

Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,133,964; Oct. 25.

Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Method and apparatus for controlling refrigerating machines. 2,133,966; Oct. 25.

Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control for refrigerating apparatus. 2,133,967; Oct. 25.

Buchman, Edwin R., assignor to Research Corporation, New York, N. Y. Thiazole compounds and making them. 2,133,969; Oct. 25.

Buchwald, Herbert, Berlin-Reinickendorf, and E. Marx, Braunschweig, Germany, assignors to General Electric Company. Electric current interrupter. 2,134,506; Oct. 25.

Buehring, William J., assignor to Reliable Electric Co., Chicago, Ill. Cable terminal. 2,134,395; Oct. 25.

Buffalo Bolt Company. (See McLaughlin, John J., assignor.)

Bullows, Richard J. (See Orcutt, A. H., and Bullows.)

Burckhardt, Ernst. (See Stoll, A., and Burckhardt.)

Burdick, Richard, et al. (See Vendope, Van L., assignor.)

Bureau, Arthur A. (See Price, S., Hummel, and Bureau.)

Burgie, Frederick W., and J. L. Kaul, assignors to Doehler Die Casting Company, Toledo, Ohio. Safety device for power presses. 2,134,071; Oct. 25.

Burns, William C., Yamhill, Oreg. Metatarsal nonslip sole. 2,134,598; Oct. 25.

Bush, A. G. (See Criner, Harry J., assignor.)

Bush, Vannevar, West Medford, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electrical condenser. 2,134,273; Oct. 25.

Butler, Park C., Nevada, Mo. Motor vehicle chassis washer. 2,134,657; Oct. 25.

Butt, Frederic W. (See Hamilton, W. S. H., and Butt.)

Cabassa, Irving, Alliance, Ohio. Automobile suspension system. 2,134,599; Oct. 25.

California Spray-Chemical Corporation. (See Volck, William H., assignor.)

Calnan, Roger S., Washington, D. C., assignor to The Richter & Phillips Company, Cincinnati, Ohio. Belt. 2,134,600; Oct. 25.

Calvert, William C., Chicago, Ill., assignor to Wingfoot Corporation, Wilmington, Del. Apparatus for manufacturing rubber hydrochloride films. 2,134,172; Oct. 25.

Calvin, Edwin, Akron, Ohio. Footwear. 2,134,173; Oct. 25.

Caldwell, Albert E., Galesburg, Ill., assignor to Eby Inventions, Inc., Philadelphia, Pa. Swivel electrical connection. 2,134,355; Oct. 25.

Caldwell, Stuart H., assignor to Kelch Heater Company, Detroit, Mich. Electric shock speed warning. 2,134,028; Oct. 25.

Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air filter. 2,134,601; Oct. 25.

Campbell, Edward, Detroit, assignor of one-fifth to S. T. Handy, Lansing, Mich. Vacuum cleaner. 2,134,396; Oct. 25.

Cantrell, Troy L., and J. O. Turner, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricant. 2,134,432; Oct. 25.

Cantrell, Troy L., and J. O. Turner, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricating oil. 2,134,433; Oct. 25.

Cantrell, Troy L., and J. O. Turner, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of alkyl-phenyloxy-ethers of 2:4 dinitrobenzene. 2,134,434; Oct. 25.

Cantrell, Troy L., and J. O. Turner, Lansdowne, assignors to Gulf Oil Corparotion, Pittsburgh, Pa. Turbine lubrication. 2,134,435; Oct. 25.

Cantrell, Troy L., and J. O. Turner, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Extreme pressure lubrication. 2,134,436; Oct. 25.

Carrier Corporation. (See Ashley, Carlyle M., assignor.)

Carrier Corporation. (See Stacey, Alfred E., Jr., assignor.)

Carswell, Frank L., Kansas City, Mo. Road making machine. 2,134,245; Oct. 25.

Carter Carburetor Corporation. (See Boyce, Leonard D., assignor.)

Case, J. I., Company. (See Heitshu, Daniel C., assignor.)

Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dehydrochlorination of 1,1,2-trichlorpropane. 2,134,102; Oct. 25.

Cavanagh, John, assignor to Hat Corporation of America, Norwalk, Conn. Hat. 2,134,274; Oct. 25.

Celanese Corporation of America. (See Bell, Angus S., assignor.)

Celanese Corporation of America. (See Ellis, George H., assignor.)

Chambers, John E., Shelbyville, Ind. Gas range. 2,134,029; Oct. 25.

Charley, Walter G., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Vacuum control for internal combustion engines. 2,134,658; Oct. 25.

Checkmaster Plan, Inc. (See Efron, Alexander, assignor.)

Chemical Works formerly Sandoz. (See Stoll, A., and Burckhardt, assignors.)

Chemical Fabrik von Heyden, A. G. (See Raeth, C., and Gebauer, assignors.)

Cherry, Oscar A., Chicago, Ill., assignor to The Glidden Company, Cleveland, Ohio. Making phenolic esters. 2,134,388; Oct. 25.

Chewning, Emmett E., assignor of one-fourth to J. P. Etheridge and one-fourth to W. C. Jones, Perry, Ga. Fruit packing device. 2,134,437; Oct. 25.

Chicago Sales & Building Supply Co. (See Gessler, Samuel, assignor.)

Chirelstein, Nathan, Newark, N. J. Electric plug socket construction. 2,134,074; Oct. 25.

Chomette, Charles, Los Angeles, Calif. Ringlet-forming implement for hair wavists. 2,134,030; Oct. 25.

Christensen, Clarence A., San Francisco, Calif., assignor, by mesne assignments, to W. J. Besler. Power chamber. 2,134,072; Oct. 25.

Christensen, Magnus, G. H. Plaine, J. E. Trainer, and J. C. Hodge, Barberton, Ohio, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Electrode and making same. 2,133,970; Oct. 25.

Christensen, Magnus, and G. H. Plaine, Barberton, J. E. Trainer, Fairlawn, and J. C. Hodge, Akron, Ohio, assignors to The Babcock & Wilcox Company, Newark, N. J. Welding apparatus. 2,133,971; Oct. 25.

Christensen, Norman V., and O. Quist, assignors to Union Special Machine Company, Chicago, Ill. Lockstitch sewing machine. 2,134,652; Oct. 25.

Christiansen, Ejnar, Birmingham, England. Variable speed friction gear. 2,134,225; Oct. 25.

Clapshaw, Myron M., Portland, Oreg., assignor to Mineralized-Cell Wood Preserving Company. Preserving felled green timber containing its natural sap. 2,134,031; Oct. 25.

Clark, Earl K. (See Vaughan, V. G., and Clark.)

Clark, Henry B., Elizabeth, N. J. Overhead door. 2,134,397; Oct. 25.

Clark, Joseph P., Atlantic City, N. J. Target. 2,134,226; Oct. 25.

Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Hood catch. 2,134,137; Oct. 25.

Clemence, Elliott I., Millburn, N. J. Reflector ornament for light bulbs. 2,134,356; Oct. 25.

Click, Clyde, Sidney, Nebr. Tractor attachment. 2,134,438; Oct. 25.

Climaz Molybdenum Company. (See Linz, Arthur, assignor.)

Coberly, Clarence J., Los Angeles, assignor to Roko Corporation, Reno, Nev. Valve for fluid-operated motors. 2,134,174; Oct. 25.

Cohea, John R. (See Cohea, Wayne D. and J. R.)

Cohea, Wayne D. and J. R., Frederick, Okla. Shaft straightener. 2,134,073; Oct. 25.

Cohen, Jacob M., Washington, D. C. Cleansing and lubrication. 2,134,602; Oct. 25.

Coleman, Gerald H., and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Household spray. 2,133,972; Oct. 25.

Collord, George L., Pittsburgh, Pa. Concentrating ores. 2,134,103; Oct. 25.

Colton, Alpha F., Ashland, Ohio. Automatic justifying apparatus. 2,133,973; Oct. 25.

Commonwealth Edison Company. (See Johnstone, Henry F. assignor.)

Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlmann. (See Petitcolas, P., and Sureau, assignors.)

Conrad, Nicholas J., Winnetka, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Interrupting current flow. 2,134,470; Oct. 25.

Consolidated Car-Heating Company. (See Touceda, Enrique G., assignor.)

Convy, Bernard F., assignor to Convy Heel Covering Company, St. Louis, Mo. Shoe heel covering and making the same. 2,134,632; Oct. 25.

Convy Heel Covering Company. (See Convy, Bernard F., assignor.)

Congelman, Joseph H., assignor to Alabama Asphaltic Limestone Company, Birmingham, Ala. High tractive resistance bituminous surfacing. 2,134,357; Oct. 25.

Cooke, Horace B., Greenwich, Conn., assignor to Process Management Company, Inc., New York, N. Y. Manufacture of gasoline-like hydrocarbons. 2,134,325; Oct. 25.

Cooke, Horace B., Greenwich, Conn., assignor to Process Management Company, Inc., New York, N. Y. Purifying gases. 2,134,507; Oct. 25.

Copperweld Steel Company. (See Whitehead, Frederick A., assignor.)

Cosner, Maurice C., Lynwood, Calif. Automatic motor vehicle signaling device. 2,134,299; Oct. 25.
Costello, Thomas P. (See Lamb, Coy L., assignor.)
Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Hydromechanical transmission for motor. 2,134,398; Oct. 25.
Coulter, Ronald S., Roselle Park, N. J., and A. F. Schumann, Baltimore, Md., assignors to Hauck Manufacturing Company, Brooklyn, N. Y. Burner. 2,134,471; Oct. 25.
Cowles Company, The. (See Cowles, Edwin, assignor.)
Cowles, Edwin, Hopewell, assignor to The Cowles Company, Princeton, N. J. Separating apparatus. 2,133,974; Oct. 25.
Crabbs, Herbert J. (See Lingal, H. J., and Crabbs.)
Crane Packing Company. (See Payne, Frank E., assignor.)
Crawford, David A., Golf, A. E. McKinnon, Homewood, and C. H. Apel, Chicago, assignors to The Pullman Company, Chicago, Ill. Railway car. 2,134,032; Oct. 25.
Cressy, Charles O., Tiverton, assignor to Narragansett Products Corporation, Providence, R. I. Liquid level indicating device. 2,134,104; Oct. 25.
Creveling, John L., near Tucson, Ariz., assignor to The Safety Car Heating & Lighting Company. Electric system. 2,133,975; Oct. 25.
Creveling, John L., near Tucson, Ariz., assignor to The Safety Car Heating & Lighting Company. Electric system. 2,133,976; Oct. 25.
Criger, Guy N., and L. R. Dehler, Rock Island, Ill. Incandescent electric lamp base. 2,134,472; Oct. 25.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,134,105; Oct. 25.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Receiver. 2,134,033; Oct. 25.
Crosman, Loring P., Maplewood, assignor, by mesne assignments, to Monroe Calculating Machine Company, Orange, N. J. Listing calculator. 2,134,280; Oct. 25.
Crosman, Loring P., Maplewood, assignor to Monroe Calculating Machine Company, Orange, N. J. Mechanical movement. 2,134,603; Oct. 25.
Crossland, Stuart, Dearborn, Mich., assignor to Universal Products Company, Inc. Boot for universal joints. 2,134,358; Oct. 25.
Currie, Otis C. (See Sherman, J. D., Reed, and Currie.)
Curtis, Leslie F., assignor to United American Bosch Corporation, Springfield, Mass. Wave filter. 2,134,175; Oct. 25.
Cutler-Hammer, Inc. (See Evans, C. T., and Heller, assignors.)
Cutler-Hammer, Inc. (See Russell, Frank J., assignor.)
Dalmer, Otto, and F. von Werder, Darmstadt, Germany, assignors to Merck & Co., Inc., Rahway, N. J. Salts of aryl-substituted amino alcohols and their production. 2,133,977; Oct. 25.
Danciger Oil & Refineries, Inc. (See Keeton, Cecil G., assignor.)
Danulat, Friedrich, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Production of a gas of high calorific power. 2,134,548; Oct. 25.
Darbyshire, Leonard H., and O. E. Norberg, Detroit, and H. Morley, Grosse Pointe, Mich., assignors to Borg-Warner Corporation. Refrigerating apparatus. 2,134,106; Oct. 25.
Davis, Frederick R. J. (See Hague, F. T., and Davis.)
Dawson, Albert J., Sewickley, Pa. Steering gear. 2,134,399; Oct. 25.
Decker, Alfred, & Cohn, Inc. (See Green, Charles G., assignor.)
Dehler, Lee R. (See Criger, G. N., and Dehler.)
De La Mater, Robert G., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Pumping apparatus. 2,134,326; Oct. 25.
Demianenko, Ermoly, New York, N. Y. Accordion. 2,134,176; Oct. 25.
Dempsey, Arthur E., Jr., Council Bluffs, Iowa, assignor, by mesne assignments, to North American Car Corporation, Chicago, Ill. Air conditioning for vehicles. 2,134,107; Oct. 25.
Denton, William W., Russell, Fla. Sap collecting gutter. 2,134,327; Oct. 25.
Detroit Hydrostatic Brake Corporation. (See Sauzedde, Claude, assignor.)
Dewar, George, Stretford, Manchester, England, assignor to General Electric Company. Electric circuit breaker. 2,134,549; Oct. 25.
Dewey and Almy Chemical Company. (See Tator, Kenneth, assignor.)
Dey, Neil A., assignor to Dominion Cutout Co. Limited, Toronto, Ontario, Canada. Cut-out. 2,134,075; Oct. 25.
Dickson, Frank H., Auburn, N. Y. Practice apparatus. 2,134,328; Oct. 25.
Doe, Hans H., Milwaukee, Wis. Roof structure and material. 2,134,034; Oct. 25.
Doehler Die Casting Company. (See Burgie, F. W., and Kaul, assignors.)
Dominion Cutout Co. Limited. (See Dey, Neil A., assignor.)
Dorgelo, Eduard G., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Energizing system for discharge tubes. 2,134,439; Oct. 25.
Dorr Company, The. (See Lund, Nels B., assignor.)
Dow Chemical Company, The. (See Coleman, G. H., and Zemba, assignors.)
Dow Chemical Company, The. (See Mills, L. E., and Allen, assignors.)
Draeger, Rupert H., U. S. Navy. Copying apparatus. 2,133,978; Oct. 25.
Drude, Catherine, Detroit, Mich. Bumping extension. 2,134,108; Oct. 25.
Dry Fruits Products Company. (See Rea, James C., assignor.)
Duerr, Hermann H. (See Barth, W., and Duerr.)
Dumont, Hector, Jambes, Belgium. Propelling device for vehicles. 2,134,440; Oct. 25.
Dumore Company, The. (See Beach, Royal A., assignor.)
Duncan Electric Manufacturing Company. (See Green, Stanley S., assignor.)
Duncan, James A., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Teletypewriter system. 2,134,076; Oct. 25.
Du Pont, E. I., de Nemours & Company. (See Cass, Oliver W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lulek, Ralph N., assignor.)
Du Pont, E. I., de Nemours & Company. (See Maxwell, Robert W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Stecher, Joseph L., assignor.)
Durand & Huguenin S. A. (See Müller, M., and Ratti, assignors.)
Duriron Company, The. (See Parsons, James A., Jr., assignor.)
Dur-O-Lite Pencil Company. (See Lynn, John P., assignor.)
Eagle Pencil Company. (See Meilner, Joseph, assignor.)
Eastwood-Nealley Corporation. (See Webb, Nelson W., assignor.)
Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Burner control. 2,134,550; Oct. 25.
Ebert, Fritz, assignor to Mauser-Werke A.-G., Oberndorf-on-the-Neckar, Germany. Differential material feeder for sewing machines of the supporting arm type. 2,134,329; Oct. 25.
Eby Inventions, Inc. (See Caldwell, Albert E., assignor.)
Eckert, William F., Ridley Park, Pa. Gear transmission. 2,134,109; Oct. 25.
Eckman, Meril L., assignor to American Coach and Body Company, Cleveland, Ohio. Fluid conduit. 2,134,110; Oct. 25.
Edgar, John B., Lind, Wash. Automatic control mechanism for windmill pumps. 2,134,111; Oct. 25.
Edison General Electric Appliance Company. (See Shroyer, Jacob L., assignor.)
Efron, Alexander, assignor to Checkmaster Plan, Inc., New York, N. Y. Bookkeeping device. 2,134,112; Oct. 25.
Eble, Virgil, Gloversville, N. Y. Water purification apparatus and method. 2,134,113; Oct. 25.
Ehret, Emil, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fluid translating apparatus. 2,134,077; Oct. 25.
Eichholz, William. (See Leutwiler, R. W., and Eichholz.)
Elmco Corporation, The. (See Royle, Edwin B., assignor.)
Eisen-u. Stahlwerk Walter Peyinghaus. (See Pesarese, Fritz, assignor.)
Elger, Franz, Basel, Switzerland, assignor to Hoffman-La Roche Inc., Nutley, N. J. Stable solutions of ascorbic acid salts of histidine and the manufacture of same. 2,134,246; Oct. 25.
Elliott, Roy D., Oakland, Calif. Filter and method of operation. 2,134,114; Oct. 25.
Ellis, Emmett S., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Coiling machine. 2,134,036; Oct. 25.
Ellis, George H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Pyrazolone azo dyestuffs. 2,134,035; Oct. 25.
Ellis, George H., St. Paul, assignor to The Insulite Company, Minneapolis, Minn. Synthetic fibrous product and making the same. 2,134,659; Oct. 25.
Ellis, Robert H., St. Louis, Mo. Device for holding perforated records in shingled relationship. 2,134,177; Oct. 25.
Emery, Everett S. (See Russell, George J., assignor.)
Enfield, William L., Shaker Heights, Ohio, assignor to General Electric Company. Light projecting device. 2,134,551; Oct. 25.
Engelson, Larry R., New York, N. Y. Vest. 2,134,473; Oct. 25.
Engineering Laboratories, Inc. (See Scherbatskoy, S. A., and Neufeld, assignors.)
Equipment Rental Corporation. (See Hollingsworth, Denzil M., assignor.)
Erikson, Leonard O. (See Brown, Lawrence E., assignor.)
Esposito, August E., Brooklyn, N. Y. Bottle cap. 2,134,178; Oct. 25.
Etablissements Favant. (See Poussel, Léopold, assignor.)
Etheridge, James P., et al. (See Chewning, Emmett E., assignor.)

Evans, Clarence T., Wauwatosa, and H. E. Heller, West Allis, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,134,179; Oct. 25.
Evans Concinnum Limited. (See Barker, Henry J., assignor.)
Everts, Walter W., assignor to Everel Products Corporation, Baltimore, Md. Adjustable propeller. 2,134,660; Oct. 25.
Everts, Walter W., assignor to Everel Propeller Corporation, Baltimore, Md. Variable pitch propeller. 2,134,661; Oct. 25.
Everel Products Corporation. (See Everts, Walter W., assignor.)
Fabrice, Edward H., assignor to Guardian Safety Seal Company, Chicago, Ill. Sealed receptacle. 2,134,359; Oct. 25.
Fahlen, Frederick T., Phoenix, Ariz. Single-trigger device. 2,134,604; Oct. 25.
Farner, Louis, and L. Ricci, New Kensington, Pa. Combination curtain and shade holder. 2,134,078; Oct. 25.
Felber, John B., Cleveland, Ohio. Pill dispensing device. 2,134,180; Oct. 25.
Fenton, Paul E., Thomaston, assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener. 2,134,037; Oct. 25.
Fentress, William D., Sharonville, Ohio. Animated toy. 2,134,079; Oct. 25.
Feragen, A. E., Inc. (See Bennett, Claude C., assignor.)
Fergueson, Arthur P., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Tire cover. 2,134,360; Oct. 25.
Fernseh Aktiengesellschaft. (See Schwartz, Erich, assignor.)
Fink, Henry W. (See Will, C. H., and Fink.)
Fink, Louis, Cut Bank, Mont. Flat head plug. 2,134,330; Oct. 25.
Firshing, William M., West New Brighton, Staten Island, N. Y., assignor to The Babcock & Wilcox Company, Newark, N. J. Vapor generator. 2,133,979; Oct. 25.
Flader, Louis, Chicago, Ill. Combined half-tone screen and negative. 2,134,080; Oct. 25.
Flamm, Joseph, West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Controlling the cooling system of internal combustion engines. 2,134,662; Oct. 25.
Flammang, Peter J., Beech Grove, Ind. Multiple rotary mower. 2,134,115; Oct. 25.
Fleischhauer, Richard, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Monoazo dyestuffs. 2,134,038; Oct. 25.
Florcyk, Edward M., Rockaway, N. J., assignor to Stapling Machines Co. Work-positioning means for box blank machines. 2,134,116; Oct. 25.
Floridagold Citrus Corporation. (See Hawkins, Orville R., assignor.)
Flower, Arthur H. (See Geyer, H. D., Flower, and Phillippi.)
Floyd, Henry G., and W. L. Roueche, assignors to McWane Cast Iron Pipe Co., Birmingham, Ala. Plant for and method of manufacturing metal castings. 2,134,117; Oct. 25.
Floyd, John M., assignor to Bendix Products Corporation, South Bend, Ind. Universal joint. 2,134,508; Oct. 25.
Flynn, Theodore P. (See Allin, G. S., and Flynn.)
Földi, Zoltán, Budapest, Hungary. Etherified derivatives of pentahydroxyfuchsone and process for their production. 2,134,247; Oct. 25.
Ford Instrument Company. (See Poitras, E. J., and Tear, assignors.)
Forkardt, Hermann P. M., deceased, by L. Forkardt, geb. Ippelsheim, legal representative, Dusseldorf-Oberkassel, Germany. Operating mechanism for chucks. 2,134,227; Oct. 25.
Forkardt, Lotte. (See Forkardt, Hermann P. M.)
Foss, Clifton T., assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Stock quotation monitoring and automatic shelf selection system. 2,134,118; Oct. 25.
Foster, James A. (See Moore, Charlie A., assignor.)
Foster Machine Company. (See Alderman, Eugene R., assignor.)
Fowler, Harry R., Toledo, Ohio. Electric current wave handling. 2,133,980; Oct. 25.
Frank, Frederick C., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,134,509; Oct. 25.
Franklin Steel Works. (See Long, G., and Larsen, assignors.)
Franz, Philipp, assignor to Aktiebolaget Svenska Kapsylfabriken, Stockholm, Sweden. Making closing means, especially for collapsible tubes. 2,134,119; Oct. 25.
Frazier, Philip A., Oak Park, Ill., assignor to Frazier Processes Incorporated, New York, N. Y. Printing element and making and using same. 2,133,981; Oct. 25.
Frazier Processes Incorporated. (See Frazier, Philip A., assignor.)
French, Alfred W., Chicago, Ill. Producing plastic concrete. 2,134,361; Oct. 25.
Frieder, Leonard P., assignor to General Textile Mills, Inc., New York, N. Y. Parachute. 2,134,362; Oct. 25.
Fusco, John M., Altoona, Pa. Game apparatus. 2,134,461; Oct. 25.
Gaede, John E., Newton, Kans. Wrench. 2,134,081; Oct. 25.
Gair, Robert, Company. (See Hughes, Hector P., assignor.)
Gair, Robert, Company. (See Weiss, Arthur J., assignor.)
Galwey, Geoffrey, Fort Meade, S. Dak. Resilient fender and bumper for vehicles. 2,133,982; Oct. 25.
Gaston, Audley D., Baytown, Tex. Valve. 2,133,983; Oct. 25.
Gaugler, Richard S., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,134,552; Oct. 25.
Gaynor, Arthur C., Stratford, Conn. Electric switch. 2,134,633; Oct. 25.
Gear Grinding Company Limited, The. (See Orcutt, A. H., and Bullows, assignors.)
Gebrüder, Heller. (See Glas, Maurus, assignor.)
Gebauer, Rudolf. (See Raeth, C., and Gebauer.)
Gee, William P., Plainfield, N. J., assignor to The Texas Company, New York, N. Y. Separation of wax from mineral oil by filtration. 2,134,331; Oct. 25.
Geluso, Lawrence J., Grand Rapids, Mich. Waterproof container. 2,134,441; Oct. 25.
Genco, Inc. (See Hansen, Leslie M., assignor.)
General Aniline Works, Inc. (See Brunner, A., Greune, Thiele, and Thless, assignors.)
General Aniline Works, Inc. (See Fleishhauer, Richard, assignor.)
General Electric Company. (See Bailey, Edward A., assignor.)
General Electric Company. (See Buchwald, H., and Marx, assignors.)
General Electric Company. (See Dewar, George, assignor.)
General Electric Company. (See Eaton, John, assignor.)
General Electric Company. (See Enfield, William L., assignor.)
General Electric Company. (See Grobel, Lloyd P., assignor.)
General Electric Company. (See Heymann, Hugo, assignor.)
General Electric Company. (See Howard, E. A., and Scott, assignors.)
General Electric Company. (See Jones, Benjamin W., assignor.)
General Electric Company. (See Paul, William E., assignor.)
General Electric Company. (See Pinkle, Emma B., assignor.)
General Electric Company. (See Pratt, William H., assignor.)
General Electric Company. (See Remscheld, Emil J., assignor.)
General Electric Company. (See Rowell, Ralph M., assignor.)
General Mining & Finance Corporation Limited. (See Smith, Harold H., assignor.)
General Motors Corporation. (See Gaugler, Richard S., assignor.)
General Motors Corporation. (See Geyer, H. D., Flower, and Phillippi, assignors.)
General Motors Corporation. (See Karmazin, John, assignor.)
General Motors Corporation. (See Olson, Theodore A., assignor.)
General Motors Corporation. (See Pearce, George C., assignor.)
General Motors Corporation. (See Watson, James B., assignor.)
General Shaver Corporation. (See Landsiedel, Harry, assignor.)
General Steel Castings Corporation. (See Sheehan, William M., assignor.)
General Textile Mills, Inc. (See Frieder, Leonard P., assignor.)
George, Ralph Waldo. (See Trevor, B., and George.)
Gerrard Company, The. (See Harvey, Herbert, assignor.)
Gessler, Samuel, assignor to Chicago, Sales & Building Supply Co. (not inc.), Chicago, Ill. Wall or panel construction. 2,134,389; Oct. 25.
Geyer, Harvey D., A. H. Flower, and D. M. Phillippi, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Producing metal bonded friction material. 2,134,181; Oct. 25.
Gibbs, Benjamin H., Phoenix, Ariz. Bridge score and contract indicator. 2,134,039; Oct. 25.
Gillespie, Durwin D., Wilmette, Ill. Oven. 2,134,474; Oct. 25.
Glas, Maurus, Schmalkalden-Naherstille, assignor of one-half to Gebrüder Heller, Schmalkalden, Thuringia, Germany. Tongs. 2,133,984; Oct. 25.
Gleason, William W., assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Spring assembly for upholstery. 2,134,363; Oct. 25.
Glidden Company, The. (See Cherry, Oscar A., assignor.)
Glidden Company, The. (See Mowlds, Kenneth S., assignor.)
Globe Oil Tools Company. (See Abegg, Walter A., assignor.)
Glougie, Bert S., assignor to Baldwin Rubber Company, Pontiac, Mich. Curing apparatus. 2,134,364; Oct. 25.

Godenne, Jean, Anzin, France. Furnace lining, especially of highly heated metallurgical furnaces and particularly to linings of furnace gas ports. 2,134,248; Oct. 25.

Goepp, Rudolph M., Jr., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Resinous reaction products of inner ethers and natural resin acids and making the same. 2,134,430; Oct. 25.

Göhre, Kurt R., Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Apparatus and process for melting out metals from metallic dust. 2,134,605; Oct. 25.

Goldsmith, Hugo, assignor to The P. Goldsmith Sons Company, Cincinnati, Ohio. Inflatable playing ball construction. 2,134,634; Oct. 25.

Goldsmith, P., Sons Company, The. (See Goldsmith, Hugo, assignor.)

Goodrich, B. F., Company, The. (See Haushalter, Fred L. assignor.)

Goodrich, Chauncey M., Windsor, Ontario, Canada. Rail fastening. 2,134,082; Oct. 25.

Goodrie Cylent Flush Valve Co. (See Goodrie, Joseph J., assignor.)

Goodrie, Joseph J., assignor to Goodrie Cylent Flush Valve Co., Chicago, Ill. Unitary flush valve connection. 2,134,182; Oct. 25.

Goulard, Alexander, Westfield, N. J. Sprayer. 2,134,553; Oct. 25.

Grant, William A., and E. F. Roach, Vancouver, British Columbia, Canada. Amalgamator. 2,134,120; Oct. 25.

Grantham, James, Evanston, assignor of one-third to J. F. Alexander and one-third to H. A. Newby, Chicago, Ill. Calendar. 2,134,183; Oct. 25.

Gravina, John, Bound Brook, N. J. Antiskid device. 2,134,040; Oct. 25.

Great Western Electro-Chemical Company. (See Maier, Charles G., assignor.)

Green, Charles G., assignor to Alfred Decker & Cohn, Inc., Chicago, Ill. Flexible current connection for oscillating fans. 2,133,985; Oct. 25.

Green, Raymond V., Fulton, N. Y. Self-holding plug. 2,134,475; Oct. 25.

Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Electrode for mercury devices. 2,133,986; Oct. 25.

Greensfelder, Bernard S., Martinez, M. E. Spaght, Long Beach, and C. H. Britten, Wilmington, assignors to Shell Development Company, San Francisco, Calif. Producing acid oils. 2,134,390; Oct. 25.

Greive, Anton S. (See Hackworth, A., and Greive.)

Greune, Heinrich. (See Brunner, A., Greune, Thiele, and Thiess.)

Grimm, Eugene E. (See McDonald, Robert T., assignor.)

Griscom-Russell Company, The. (See Ris, Kenneth B., assignor.)

Grobel, Lloyd P., Schenectady, N. Y., assignor to General Electric Company. Lubricant. 2,134,554; Oct. 25.

Grondahl, Lars O. (See Place, W. P., Bossart, and Grondahl.)

Gröner, Erich. (See Röhm, O., Schottenhammer, and Gröner.)

Grumbacher, Walter, assignor to Spiral Binding Co., Inc., New York, N. Y. Spiral binding. 2,134,400; Oct. 25.

Guardian Safety Seal Company. (See Fabrice, Edward H., assignor.)

Guberan, Christian, Augsburg, Germany. Portable advertising device. 2,134,300; Oct. 25.

Guenther, George A. and H. V., Buffalo, assignors to L. H. Ballou, Lockport, N. Y. Control mechanism for gas burners. 2,134,083; Oct. 25.

Guenther, Howard V. (See Guenther, George A. and H. V.)

Guggenbuehler, Carl F., New York, N. Y. Universal utility extension mop. 2,134,301; Oct. 25.

Gulf Oil Corporation. (See Cantrell, T. L., and Turner, assignors.)

Gustlin, Walter F., Santa Ana, Calif. Trouser support and shirt retainer. 2,134,442; Oct. 25.

Gutehoffnungshütte Oberhausen Aktiengesellschaft. (See Süsselbeck, Karl, assignor.)

Guyer Metal Products Corporation. (See Guyer, William J., assignor.)

Guyer, William J., assignor to Guyer Metal Products Corporation, Chicago, Ill. Sheet material gauging machine. 2,134,184; Oct. 25.

Hackworth, Alfred, and A. S. Greive; said Hackworth assignor to P. J. Schwartz, San Antonio, Tex. Book rack. 2,134,606; Oct. 25.

Hague, Floyd T., Pittsburgh, and F. R. J. Davis, Irwin, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Field winding for unipolar generators. 2,134,510; Oct. 25.

Hague, Floyd T., Pittsburgh, and F. R. J. Davis, Irwin, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Compensated unipolar generator. 2,134,511; Oct. 25.

Hajicek, Joseph, Cicero, Ill. Adjustable swing saw. 2,134,555; Oct. 25.

Hale, William A., Peoria, Ill. Grain elevator mechanism. 2,134,365; Oct. 25.

Hall, Joseph M., and H. E. Tucker, Chicago, Ill. Change speed gearing. 2,133,987; Oct. 25.

Hall, Percy E., Birmingham, England, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,134,512; Oct. 25.

Haller, Cecil E. (See Philpott, L. R., and Haller.)

Hamby, William I. (See Schellens, E. L., and Hamby.)

Hamilton, William S. H., Larchmont, and F. W. Butt, Woodside, N. Y., assignors to The New York Central Railroad Company. Centering device for locomotive trucks. 2,134,443; Oct. 25.

Hamm, Herbert A., Pasadena, Calif. Fruit marking apparatus. 2,134,041; Oct. 25.

Handy, Sherman T. (See Campbell, Edward, assignor.)

Hansen, Leslie M., assignor to Genco, Inc., Chicago, Ill. Game apparatus. 2,134,185; Oct. 25.

Hansgirg, Fritz, Konan, Korea. Production of water enriched with heavy water. 2,134,249; Oct. 25.

Hardy, Charles, Pelham Manor, Pelham, N. Y., assignor to Hardy Metallurgical Company. Production of metal sheets. 2,134,366; Oct. 25.

Hardy Metallurgical Company. (See Hardy, Charles, assignor.)

Harley, Herbert H., and J. Yorston, Coventry, England. Dressing grinding wheels used for form grinding. 2,134,607; Oct. 25.

Harper, Walter D., Florence S. C. Air conditioning apparatus. 2,134,121; Oct. 25.

Harsh, Robinson H., Washington, D. C. Leveler. 2,134,444; Oct. 25.

Harshberger, Fred A., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control for two-temperature refrigerators. 2,133,957; Oct. 25.

Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co., Inc., New York, N. Y. Roofing and siding elements. 2,133,988; Oct. 25.

Harvey, Herbert, Los Angeles, Calif., assignor, by mesne assignments, to The Gerrard Company, Incorporated, Chicago, Ill. Tying machine. 2,134,187; Oct. 25.

Harvey, Herbert, Los Angeles, Calif., assignor, by mesne assignments, to The Gerrard Company, Incorporated, Chicago, Ill. Tying machine. 2,134,187; Oct. 25.

Harvey, James W., Lakeville, Conn. Fish lure. 2,134,401; Oct. 25.

Hásek, Jaroslav, Prague, Czechoslovakia. Breech packing for firearms. 2,134,476; Oct. 25.

Haskin, Walter E., New York, assignor to Pressed & Welded Steel Products Company, Inc., Long Island City, N. Y. Loose leaf shift binder. 2,134,122; Oct. 25.

Hastings Manufacturing Company. (See Phillips, Harold P., assignor.)

Hat Corporation of America. (See Cavanagh, John, assignor.)

Hauck Manufacturing Company. (See Coulter, R. S., and Schumann, assignors.)

Hausdorf, Erich, Berlin, Germany. Telephone earpiece. 2,134,084; Oct. 25.

Haushalter, Fred L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Gasket. 2,134,302; Oct. 25.

Hawkins, Orville R., assignor to Floridagold Citrus Corporation, Lake Alfred, Fla. Citrus fruit oil extracting and grating apparatus. 2,134,608; Oct. 25.

Hay, Charles W., Great Falls, Mont. Electric shaver. 2,134,609; Oct. 25.

Haywood, Carl, Indianapolis, Ind. Heating and cooling system for self propelled vehicles. 2,134,188; Oct. 25.

Hearn, John L., Upper Darby, Pa. Door arrangement. 2,134,123; Oct. 25.

Heigis, Henry E. (See Hill, V. J., Jr., and Heigis.)

Heintz, Ralph M., Palo Alto, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Valve seat and guide. 2,134,250; Oct. 25.

Heitshu, Daniel C., assignor to J. I. Case Company, Racine, Wis. Planter. 2,134,664; Oct. 25.

Heller, Herbert E. (See Evans, C. T., and Heller.)

Helmund, Rudolph E., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic temperature control system. 2,134,513; Oct. 25.

Hendriksen, Henry O., Brooklyn, N. Y. Weather guard. 2,134,477; Oct. 25.

Herdlein, John B., assignor to Ice Cooling Appliance Corporation, Morrison, Ill. Ice grid for refrigerators. 2,134,085; Oct. 25.

Hester, William F., Drexel, assignor to Röhm & Haas Company, Philadelphia, Pa. Insecticide. 2,134,556; Oct. 25.

Heymann, Hugo, Berlin-Friedenau, Germany, assignor to General Electric Company. Control system. 2,134,514; Oct. 25.

Hiemann, Walter, assignor to American Hard Rubber Company, New York, N. Y. Hard rubber article and producing same. 2,134,124; Oct. 25.

Hierta, Hans, Dearborn, assignor to Packard Motor Car Company, Detroit, Mich. Gauge. 2,134,189; Oct. 25.

Hilbish, Joseph M., and J. K. McCahan, Pittsburgh, Pa. Apparatus for cleaning and coating elongated metal objects. 2,134,557; Oct. 25.

Hill, Ansel B., Seattle, Wash. Amalgamator. 2,134,445; Oct. 25.

Hill, Valentine J., Jr., Bloomfield, and H. E. Heigis, West Orange, assignors to Walter Kidde & Company, Inc., Bloomfield, N. J. Airplane flotation device. 2,134,653; Oct. 25.

Hillix, Foster F. (See Knebusch, W. F., and Hillix.)

Hinde and Dauch Paper Company, The. (See Kirby, John S., assignor.)

Hines Electrical Specialties, Inc. (See Hines, Francis J., assignor.)

Hines, Francis J., New York, N. Y., assignor to Hines Electrical Specialties, Inc. Electric fixture. 2,134,402; Oct. 25.

Hodge, James C. (See Christensen, M., Plaine, Trainer, and Hodge.)

Hoe, R., & Co. (See Quick, C. G., Ball, and Whitehead, assignors.)

Hoff, Carlton L., York, Pa. Loom. 2,134,125; Oct. 25.

Hoffberg, Louis. (See Kessel, Johannes B., assignor.)

Hoffman, George M., deceased, Upper Montclair, N. J.; R. T. Hoffman, administratrix. Boat. 2,134,042; Oct. 25.

Hoffman-La Roche Inc. (See Elger, Franz, assignor.)

Hoffman, Ruth T., administratrix. (See Hoffman, George M.)

Hogg, Coy C., Titusville, Pa. Oil-bearing sand heater. 2,134,610; Oct. 25.

Holland, Raymond P., Jr., Kenmore, N. Y. Kite. 2,134,403; Oct. 25.

Hollingsworth, Denzil M., assignor to Equipment Rental Corporation, St. Louis, Mo. Tunneling machine. 2,134,478; Oct. 25.

Holt, Clinton B., Cotton Valley, La. Rotatable drill bit. 2,134,164; Oct. 25.

Holzwarth, Carl, Bronx, N. Y. Percolator. 2,134,190; Oct. 25.

Hooven, Frederick J., Dayton, Ohio. Aircraft landing system. 2,134,126; Oct. 25.

Höper, Karl, Berlin-Charlottenburg, assignor to M. E. Blume, Leipzig, Germany. Signal storage tape marking machine. 2,134,303; Oct. 25.

Hopkins, Arthur G., Maspeth, N. Y., assignor to McKeesport Tin Plate Corporation. Dispensing liquid from sealed metal cans. 2,134,127; Oct. 25.

Hopkins, Arthur G., Maspeth, N. Y., assignor to McKeesport Tin Plate Corporation. Spool cover. 2,134,128; Oct. 25.

Hoppe, William, and F. B. Roberts, assignors to National Bread Wrapping Machine Co., Springfield, Mass. Paper roll support. 2,134,043; Oct. 25.

Hopwood, John A., Great Neck, N. Y. Milk box. 2,134,251; Oct. 25.

Hoskyns, Edwin A., Maud, Okla. Vehicle body suspension. 2,134,515; Oct. 25.

Houdaille-Hershey Corporation. (See Fergueson, Arthur P., assignor.)

Houseman, Wilbur L., South Orange, N. J., assignor to Standard-Trump Bros. Machine Co., Laconia, N. H. Knitting method and machine. 2,134,479; Oct. 25.

Houseman, Harold E., assignor to Standard-Trump Bros. Machine Company, Laconia, N. H. Knitting method and machine. 2,134,480; Oct. 25.

Howard, Clarence B., Oakland, Calif., assignor to E. H. Kueffer. Vehicle signaling switch. 2,134,272; Oct. 25.

Howard, Ernest A., and K. D. Scott, Cleveland Heights, Ohio, assignors to General Electric Company. Vehicle head lamp. 2,134,558; Oct. 25.

Hoyt, Karl R., Los Angeles, Calif., assignor to Telco Corporation. Printing apparatus. 2,134,129; Oct. 25.

Hubbard, Freda C., executrix. (See Hubbard, Gustaf E., assignor.)

Hubbard, Gustaf E., deceased, Batavia, Ill., assignor to F. C. Hubbard, executrix. Curtain roll cutter. 2,134,332; Oct. 25.

Hudiakoff, Andrei, New York, N. Y. Tack holder. 2,134,367; Oct. 25.

Hudson, Joseph H., Prentiss, Miss. Side harrow. 2,134,611; Oct. 25.

Huebsch, Joseph F., Miami, Fla., and M. F. Huebsch, assignors to Huebsch Manufacturing Company, Milwaukee, Wis. Apparatus for ironing handkerchiefs. 2,134,252; Oct. 25.

Huebsch Manufacturing Company. (See Huebsch, Joseph F. and M. F., assignors.)

Huebsch, Monte F. (See Huebsch, Joseph F. and M. F.)

Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Button positioning mechanism. 2,134,404; Oct. 25.

Hughes, Hector P., New London, Conn., assignor to Robert Gair Company, Inc., New York, N. Y. Convertible shipping container. 2,134,130; Oct. 25.

Hughes-Mitchell Processes, Incorporated. (See Mitchell, Thomas A., assignor.)

Hulshizer, Joseph I., Stewartsville, assignor to Ingersoll-Rand Company, Jersey City, N. J. Controlling device. 2,134,405; Oct. 25.

Humason, Granville A., Houston, Tex. Tubing head. 2,134,044; Oct. 25.

Humason, Granville A., Houston, Tex. Well flowing device. 2,134,045; Oct. 25.

Hummel, Wellington R. (See Price, S., Hummel, and Bureau.)

Hunt, C. Howard, Pen Company. (See Lukens, Hiram S., assignor.)

Hunt, C. Howard, Pen Company. (See Underwood, Joseph E., assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Jahrstorfer, M., and Schwarte, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Siefer, Fritz, assignor.)

Ice Cooling Appliance Corporation. (See Herdlein, John B., assignor.)

Ilich, Herbert H., New York, N. Y. Pouring device. 2,134,281; Oct. 25.

Illinois Engineering Company, The. (See Leutwiler, R. W., and Eichholz, assignors.)

Imperial Chemical Industries Limited. (See Knight, Arthur H., assignor.)

Industrial Rayon Corporation. (See Knebusch, W. F., and Hillix, assignors.)

Ingersoll-Rand Company. (See Hulshizer, Joseph I., assignor.)

Ingersoll-Rand Company. (See Kirgan, John, assignor.)

Ingersoll-Rand Company. (See Smith, William A., Jr., assignor.)

Insley Manufacturing Corporation. (See Ray, Frederick B., assignor.)

Insulite Company, The. (See Ellis, George H., assignor.)

Interchemical Corporation. (See Meister, Walter F., assignor.)

International Cellucotton Products Co. (See Thompson, Oscar T., assignor.)

International Standard Electric Corporation. (See Foss, Clifton T., assignor.)

Irvin, Harry J., Dayton, Ohio. Kite. 2,134,282; Oct. 25.

Jacobs, Charles E., Minneapolis, Minn. Illuminated safety indicator for guns. 2,134,406; Oct. 25.

Jahrstorfer, Michael, Mannheim, and G. Schwarte, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Waxlike substance and preparing same. 2,134,333; Oct. 25.

James, Hugh, Montrose, Ill., assignor to Brown & Sharpe Manufacturing Company. Gauge. 2,134,516; Oct. 25.

Jarvis, W. B., Company. (See Andrie, Michael B., assignor.)

Jayne, Archibald F. (See Walsh, R., and Sandstrom, assignors.)

Jeans, Arthur F., Toronto, Ontario, Canada. X-ray treatment structure. 2,134,191; Oct. 25.

Jennings, Lilburn I., Nickelsville, Va. Corn plaster. 2,134,612; Oct. 25.

Johnson, David W., New Britain, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Circuit breaker with overload trip. 2,134,613; Oct. 25.

Johnson Manufacturing Company, The. (See Wickersham, D. P., and Waldvogel, assignors.)

Johnston, S. H. (See Seybertsen, Ludwig, assignor.)

Johnstone, Henry F., Urbana, assignor, by mesne assignments, to Commonwealth Edison Company, Chicago, Ill. Removing sulphur dioxide from waste gases. 2,134,481; Oct. 25.

Johnstone, Henry F., Urbana, assignor, by mesne assignments, to Commonwealth Edison Company, Chicago, Ill. Recovering SO_2 from waste gases. 2,134,482; Oct. 25.

Jones, Arthur L., Roundhay, Leeds, and D. K. Smith, Chingford, England. Sun-blind. 2,134,283; Oct. 25.

Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Electrical control or regulating system. 2,134,517; Oct. 25.

Jones, Ray A., Colmar, Ky. External combustion engine. 2,134,334; Oct. 25.

Jones, Sam P., assignor of forty per cent to E. W. Schadek, Dallas, Tex. Mixing air and gas. 2,134,253; Oct. 25.

Jones, Webster, Norwood, Mass. Belt fastening. 2,134,304; Oct. 25.

Jones, William C., et al. (See Chewning, Emmett E., assignor.)

Jonker, Johan L. H., assignor to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands. Electron discharge device. 2,134,407; Oct. 25.

Jost, Peter, assignor, by mesne assignments, of thirty-seven and one-half per cent to J. Tyrrell, as trustee, and twenty-five per cent to P. H. Stevens, Akron, Ohio. Packaging machine. 2,134,046; Oct. 25.

Junger, Edwin F., Minneapolis, Minn. Creeper for tractor belts. 2,134,559; Oct. 25.

Kalischer, Milton, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Humidity control for refrigerators. 2,133,958; Oct. 25.

Kalsey, John, North Palo Alto, Calif. Method and apparatus for sound transmission and reproduction. 2,134,047; Oct. 25.

Kannel, Charles, Cleveland, Ohio. Tanning apparatus. 2,133,989; Oct. 25.

Karmazin Engineering Company. (See Karmazin, John, assignor.)

Karmazin, John, Huntington, Ind., assignor to Karmazin Engineering Company. Radiator manufacture. 2,133,990; Oct. 25.

Karmazin, John, Huntington, Ind., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,134,665; Oct. 25.

Kaul, Joseph I. (See Burgie, F. W., and Kaul.)

Kauling, Louis C., Kew Gardens, N. Y. Piano. 2,134,192; Oct. 25.

Kay & Ess Chemical Corporation, The. (See Kittredge, Harvey G., assignor.)

Kay, Harry R. (See Tilton, Edward W., assignor.)

Keefe, Lincoln M., Springfield, Mass., assignor to Remington Rand Inc., Buffalo, N. Y. Record controlled machine. 2,134,284; Oct. 25.

Keeton, Cecil G., Independence, Mo., assignor, by mesne assignments, to Danciger Oil & Refineries, Inc., Tulsa, Okla. Producing carbon black. 2,134,228; Oct. 25.

Keith, Percival C., Jr., Peapack, N. J., assignor to Process Management Company, Inc., New York, N. Y. Treatment of hydrocarbons to remove sulphur compounds. 2,134,518; Oct. 25.

Kelch Heater Company. (See Caldwell, Stuart H., assignor.)

Kellett, William R., Menasha, assignor to Paper Patents Company, Neenah, Wis. Forming paper webs. 2,134,408; Oct. 25.

Kelsey-Hayes Wheel Company. (See Ellis, Emmett S., assignor.)

Kelsey-Hayes Wheel Company. (See Sinclair, Charles W., assignor.)

Kennedy, Oscar D. (See Shipton, E., and Kennedy.)

Kern, Walter, Sissach, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Hydroxy-sulphonic acids. 2,134,446; Oct. 25.

Kerr, Henry H., Toledo, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,134,560; Oct. 25.

Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Superheater. 2,133,991; Oct. 25.

Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Wall construction. 2,133,992; Oct. 25.

Kessel, Johannes B., assignor of one-half to L. Hoffberg, Chicago, Ill. Washing machine. 2,134,048; Oct. 25.

Keyes, John J., Pittsburgh, and P. H. Brace, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Clutch mechanism for winding spindles. 2,134,561; Oct. 25.

Kibele, Otto B. (See Minor, B. S., and Kibele.)

Kidde, Walter, & Company. (See Hill, V. J., Jr., and Heigis, assignors.)

Kieffer, Richard, Reutte, Anstria, assignor to The American Cutting Alloys, Inc. Manufacturing hard metal alloys. 2,134,305; Oct. 25.

Kilborn-Sauer Company, The. (See Sauer, Henry J., assignor.)

Killian, Edward S., Akron, and L. Povlacs, Jr., East Akron, assignors, by mesne assignments, of thirty-seven and one-half per cent to J. Tyrrell, as trustee, and twenty-five per cent to P. H. Stevens, Akron, Ohio. Packaging machine. 2,134,049; Oct. 25.

Killman, Robert T. and T. A., Nashville, Tenn. Apparatus for printing motion picture color film. 2,134,483; Oct. 25.

Killman, Thomas A. (See Killman, Robert T. and T. A.)

Kilpela, Eno E. (See Rauen, C. F., and Kilpela.)

Kimbrough, Warren C., Omaha, Nebr. Gas trap. 2,134,050; Oct. 25.

Kimmich, William, Flushing, N. Y., assignor to Radio Corporation of America. Signature keying device. 2,134,562; Oct. 25.

Kipfer, Paul F., Boitsfort, near Brussels, Belgium. Two-stroke internal combustion engine. 2,134,285; Oct. 25.

Kipfer, Paul F., Boitsfort, near Brussels, Belgium. Two stroke internal combustion engine. 2,134,286; Oct. 25.

Kipphan, Erich, assignor to Suddentsche Apparate-Fabrik G. m. b. H., Nuremberg, Germany. Electric rectifier. 2,134,131; Oct. 25.

Kirby, John S., Indianapolis, Ind., assignor to The Hinde and Dauch Paper Company, Sandusky, Ohio. Chick box. 2,134,051; Oct. 25.

Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Refrigerating system. 2,134,409; Oct. 25.

Kittredge, Harvey G., assignor to The Kay & Ess Chemical Corporation, Dayton, Ohio. Rubberlike product. 2,134,335; Oct. 25.

Klem, Aage. (See Laland, P., and Klem.)

Klemm, Herman G., Baltimore, and B. C. Boulton, Towson, assignors to The Glenn L. Martin Company, Baltimore, Md. Aircraft construction. 2,134,447; Oct. 25.

Klie, Frank H., Paris, Ill. Fly swatter. 2,134,193; Oct. 25.

Kliesrath, Victor W. (See Bragg, C. S., and Kliesrath.)

Kliesrath, Victor W., and R. S. Sanford, assignors, to Bragg-Kliesrath Corporation, South Bend, Ind. Declutching mechanism. 2,134,519; Oct. 25.

Kliesrath, Victor W., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,134,520; Oct. 25.

Kline, Morris, Chicago, Ill. Chenille yarn. 2,134,484; Oct. 25.

Knebusch, Walter F., Cleveland, and F. F. Hillix, Lakewood, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Transfer device. 2,133,993; Oct. 25.

Knight, Arthur H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Azo dyestuffs and their production. 2,134,521; Oct. 25.

Knös, Gunnar B., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electromagnetic relay. 2,134,448; Oct. 25.

Knowles, Edwin C., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing mineral oil. 2,134,336; Oct. 25.

Knowles, Edwin C., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing mineral oil. 2,134,337; Oct. 25.

Koppel, Ernest R., South Bend, Ind. Universal joint. 2,134,563; Oct. 25.

Köster, Paul E., Berlin-Siemensstadt, assignor to Siemens Apparate und Maschinen G. m. b. H., Berlin, Germany. Method and system for the vertical navigation of blind landing airplanes. 2,134,132; Oct. 25.

Kramer, Alphonse J., Antioch, Calif. Leakproof container for fluids. 2,134,052; Oct. 25.

Kraut, Max, San Francisco, Calif. Flotation apparatus. 2,134,410; Oct. 25.

Kress, S. H., and Company. (See Sibbert, Edward F., assignor.)

Kritchevsky, Wolf, assignor to Rit Products Corporation, Chicago, Ill. Brushless shaving cream. 2,134,666; Oct. 25.

Kueffer, E. H. (See Howard, Clarence B., assignor.)

Laabs, Max A., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 2,133,994; Oct. 25.

La Bour, Harry E., Elkhart, Ind. Centrifugal pump. 2,134,254; Oct. 25.

La Bour, Harry E., Elkhart, Ind. Centrifugal pump. 2,134,255; Oct. 25.

Lacy, James E., Los Angeles, assignor of one-half to R. H. Lacy, San Marino, Calif. Compressed air deep well pump. 2,134,465; Oct. 25.

Lacy, Richard H. (See Lacy, James E., assignor.)

Lafferty, William M., Reading, Ohio. Packer head. 2,134,614; Oct. 25.

Laland, Per, and A. Klem, assignors to Nyegaard & Company, Aktieselskap, Oslo, Norway. Producing and refining organ extracts. 2,134,256; Oct. 25.

Lamb, Coy L., Wilson, assignor of one-fourth to T. P. Costello, Dillard, Okla. Surface rod line jack. 2,134,615; Oct. 25.

Landau, Joseph N., New York, N. Y. Massage device. 2,134,133; Oct. 25.

Landsiedel, Harry, Wilton, assignor, by mesne assignments, to General Shaver Corporation, Bridgeport, Conn. Shaver. 2,134,134; Oct. 25.

Langford, George, Joliet, Ill. Rail joint. 2,134,449; Oct. 25.

Langford, George, Joliet, Ill. Reforming rail joint bars. 2,134,450; Oct. 25.

Larsen, Elwell B. (See Long, G., and Larsen.)

Lauer, Léon N., Clichy, France, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,134,564; Oct. 25.

Le Boeuf, George H., Green Bay, Wis. Automobile baggage carrier. 2,134,635; Oct. 25.

Lee, Reuben, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power supply circuits. 2,134,522; Oct. 25.

Lefevre, Emil B. G., Detroit, Mich. Adjustable seat for vehicles. 2,134,135; Oct. 25.

Lehnherr, June L., Eldorado, Kans., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical fuse. 2,134,523; Oct. 25.

Leibing Automotive Devices, Incorporated. (See Leibing, William E., assignor.)

Leibing, William E., assignor to Leibing Automotive Devices, Incorporated, Detroit, Mich. Carburetor. 2,134,667; Oct. 25.

Leishman, Le Roy J., Los Angeles, Calif. Semiautomatic means for positioning control shafts. 2,134,194; Oct. 25.

Leland, Ragnvald G., New York, N. Y. Hair waving apparatus. 2,134,485; Oct. 25.

Leland, Ragnvald G., New York, N. Y. Hair waving apparatus. 2,134,486; Oct. 25.

Lentz, Hugo, Berlin, Germany, and H. J. Lentz, Vienna, Austria. Compound steam engine. 2,134,466; Oct. 25.

Lentz, Hugo J. (See Lentz, Hugo and H. J.)

Leonard, Merrill G., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,134,565; Oct. 25.

Leutwiler, Richard W., Chicago, and W. Eichholz, Cicero, assignors to The Illinois Engineering Company, Chicago, Ill. Pressure regulator. 2,134,257; Oct. 25.

Levinson, David, Brooklyn, N. Y. Expansible door for automobiles. 2,134,487; Oct. 25.

Lewis, Arthur W., Elizabeth, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Lubrication. 2,134,306; Oct. 25.

Lewis, Houston M., and J. C. Barnhardt, Charlotte, N. C. Display container. 2,134,636; Oct. 25.

Lindell, Sigurd I. (See Beckett, K. C., and Lindell.)

Lindell, Sigurd I. (See Triplett, H. A., and Lindell.)

Lindstaedt, Frank F., Oakland, Calif. Spray oil penetration control. 2,134,136; Oct. 25.

Lingal, Harry J., and H. J. Crabbs, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cut-out device. 2,134,566; Oct. 25.

Linograph Corporation. (See Murray, Clay E., assignor.)

Linsell, Alfred A., Sydenham, London, England, assignor to Radio Corporation of America. Engine ignition system. 2,134,053; Oct. 25.

Linz, Arthur, assignor to Climax Molybdenum Company, New York, N. Y. Producing molybdenum alloys. 2,134,616; Oct. 25.

Linz, Arthur, assignor to Climax Molybdenum Company, New York, N. Y. Alloying molybdenum. 2,134,617; Oct. 25.

Lipscomb, Gaston J., Montclair, N. J. Apparatus for drying vegetable fiber such as bagasse and the like. 2,134,229; Oct. 25.

Long, George, Joliet, and E. B. Larsen, Chicago, assignors, by mesne assignments, to Franklin Steel Works, Joliet, Ill. Bag filling and closing machine. 2,134,567; Oct. 25.

Long, William, Waldo, Wis. Safety device for motor vehicles. 2,134,618; Oct. 25.

Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose leaf binder. 2,134,230; Oct. 25.

Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose leaf binder. 2,134,231; Oct. 25.

Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose leaf binder. 2,134,232; Oct. 25.

Loucks, James E., assignor to M. H. Loucks, Muncy, Pa. Wall construction. 2,134,637; Oct. 25.

Loucks, Marjorie H. (See Loucks, James E., assignor.)

Lukens, Hiram S., Philadelphia, Pa., assignor to C. Howard Hunt Pen Company, Camden, N. J. Gold plating chromium alloy steels. 2,133,995; Oct. 25.

Lulek, Ralph N., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the anthraquinone series. 2,134,654; Oct. 25.

Lund, Nels B., Seaford, assignor to The Dorr Company, Inc., New York, N. Y. Sedimentation tank. 2,134,524; Oct. 25.

Lundstrom, Carl T., and E. A. McLaughlin, Terre Haute, Ind. Display rack. 2,134,638; Oct. 25.

Lustre Company, The. (See Sommers, Louis G., assignor.)

Lynn, John P., Chicago, assignor to Dur-O-Lite Pencil Company, Melrose Park, Ill. Mechanical pencil. 2,134,568; Oct. 25.

Lyon, George A., assignor to Lyon Incorporated, Detroit, Mich. Tire cover. 2,134,464; Oct. 25.

Lyon Incorporated. (See Lyon, George A., assignor.)

Mabey, Charles W., Lutz, Fla. Rain deflector. 2,134,054; Oct. 25.

MacDonald, Howard G., Murraysville, and S. H. Boden, Monroeville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,134,569; Oct. 25.

Mackay Radio and Telegraph Company. (See Alford, Andrew, assignor.)

MacLagan, Allan R., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Lock. 2,134,368; Oct. 25.

Magyar Ruggyantaarugyar Reszvenytarsasag. (See Turchányi, László, assignor.)

Maier, Charles G., Oakland, Calif., assignor to Great Western Electro-Chemical Company. Contacting fine ores with gases. 2,133,997; Oct. 25.

Maier, Charles G., Oakland, Calif., assignor to Great Western Electro-Chemical Company. Treating chromite ores. 2,133,998; Oct. 25.

Mairson, Irving W. (See State, J. C., and Mairson.)

Mairson, Robert A. (See State, J. C., and Mairson.)

Major, Randolph T., Plainfield, assignor to Merck & Co. Inc., Rahway, N. J. Aryl-methyl ethers of B-methylcholine salts and their production. 2,133,999; Oct. 25.

Mankoff, Henry J., Wichita, Kans. Motor vehicle power transmission. 2,134,258; Oct. 25.

Manzler, Clarence H., Rochester, N. Y. Memorandum book. 2,134,138; Oct. 25.

Marden, William L., Jackson Heights, N. Y., assignor to Neptune Meter Company. Delivery recorder reset. 2,134,525; Oct. 25.

Martin, Charles . (See Bradshaw, Charles E., assignor.)

Martin, Glenn L., Company, The. (See Klemm, H. G., and Boulton, assignors.)

Martin, George D., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, Wilmington, Del. Preservation of rubber. 2,134,139; Oct. 25.

Martin, John E., assignor to Strutwear Knitting Company, Minneapolis, Minn. Measuring and marking device. 2,134,195; Oct. 25.

Martin-White of America, Inc. (See White, Jack F., assignor.)

Martin, William W. (See Sharp, Henry J., assignor.)

Marx, Erwin. (See Buchwald, H., and Marx.)

Marx, Walter, Whitestone, N. Y. Tennis ball receptacle. 2,134,411; Oct. 25.

Matlock, Percy F., Houston, Tex. Whipstock. 2,134,287; Oct. 25.

Mauser-Werke A.-G. (See Ebert, Fritz, assignor.)

Zinser, Paul R., assignor to Woodall Industries Incorporated, Detroit, Mich. Trim panel construction. 2,134,496; Oct. 25.

Maxwell, Robert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,134,086; Oct. 25.

May, Maxwell F., Palos Park, Ill. Air conditioning system. 2,134,338; Oct. 25.

Mayo, Alfred C., Richmond, assignor to Purma Cameras Limited, London, England. Camera with focal-plane shutter. 2,134,307; Oct. 25.

Mayo, Alfred C., Richmond, and J. Terrett, assignors to Purma Cameras Limited, London, England. Protective device for photographic cameras. 2,134,308; Oct. 25.

Mayo, Alfred C., Richmond, and J. Terrett, assignors to Purma Cameras Limited, London, England. Focal-plane camera shutter mechanism. 2,134,309; Oct. 25.

Mayo, Dana H. N., Ridgewood, assignor to The Babcock & Wilcox Company, Newark, N. J. Wall construction. 2,134,000; Oct. 25.

McCahan, John K. (See Hilbish, J. M., and McCahan.)

McCann, John J., Burlington, N. J. Hinge joint for artificial limbs. 2,134,288; Oct. 25.

McCloy, Graham S., East Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,133,960; Oct. 25.

McCloy, Graham S., East Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus and method. 2,133,963; Oct. 25.

McCloy, Graham S., East Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,133,965; Oct. 25.

McDonald, Robert T., Hornell, N. Y., assignor of one-half to E. E. Grimm, Franklin, Pa. Device for conditioning and sharpening implements. 2,134,339; Oct. 25.

McGarry, John T., Cincinnati, Ohio. Spout support for railway water columns. 2,134,412; Oct. 25.

McGowen, William R., assignor to The McKay Company, Pittsburgh, Pa. Chair. 2,134,639; Oct. 25.

McGrath, Leigh J., San Mateo, assignor to Zellerbach Paper Company, San Francisco, Calif. Sheet cutting and paneling machine. 2,134,310; Oct. 25.

McKay Company, The. (See McGowen, William R.)

McKeesport Tin Plate Corporation. (See Hopkins, Arthur G., assignor.)

McKinnon, Alexander E. (See Crawford, D. A., McKinnon, and Apel, assignors.)

McKone, Archie, assignor to Pioneer Timber Co., Ltd., Vancouver, British Columbia, Canada. Logging trailer. 2,134,233; Oct. 25.

McLaughlin, Edward A. (See Lundstrom, C. T., and McLaughlin.)

McLaughlin, John J., assignor to Buffalo Bolt Company, North Tonawanda, N. Y. Metalworking apparatus and method. 2,134,526; Oct. 25.

McLaughlin, John J., assignor to Buffalo Bolt Company, North Tonawanda, N. Y. Nut threading machine. 2,134,619; Oct. 25.

McLay, Gavin S., Strand, assignor to Wellman Seaver Rolling Mill Company, Limited, London, England. Tubular article manufacture. 2,134,620; Oct. 25.

McWane Cast Iron Pipe Co. (See Floyd, H. G., and Roueche, assignors.)

Meilner, Joseph, West Orange, N. J., assignor to Eagle Pencil Company. Pencil. 2,134,570; Oct. 25.

Meister, Walter F., Elizabeth, N. J., assignor, by mesne assignments, to Interchemical Corporation. Making cadmium red. 2,134,055; Oct. 25.

Merch & Co. Inc. (See Major, Randolph T., assignor.)

Merck & Co. (See Dalmer, O., and von Werder, assignors.)

Merker, Harvey M. (See Taylor, F. O., and Merker.)

Merker, Herman. (See Newton, H. L., and Merker.)

Merkin, Rose, Newton, Mass. Beauty appliance. 2,134,640; Oct. 25.

Merwin, Harry H., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand winding apparatus. 2,134,369; Oct. 25.

Metropolitan Device Corporation. (See Allen, Albert J., assignor.)

Mierdel, Georg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Igniting gas or vapor discharge spaces. 2,134,527; Oct. 25.

Miller, Charles, deceased, Long Island City, N. Y.; I. G. Miller, executrix. Protective cover for shoes. 2,134,196; Oct. 25.

Miller, Frank. (See Zimka, J., and Miller.)

Miller, Frank P., Meadville, Pa. Inserted cutter blade and mounting therefor. 2,134,140; Oct. 25.

Miller, Ida G., executrix. (See Miller, Charles.)

Miller, I., & Sons, Inc. (See Vegessy, John H., assignor.)

Miller, Nickolaus F., Dwight, Ill. Smoking pipe. 2,134,197; Oct. 25.

Mills, Lindley E., and W. W. Allen, assignors to The Dow Chemical Company, Midland, Mich. Mothproofing agent. 2,134,001; Oct. 25.

Mineralized-Cell Wood Preserving Company. (See Clapshaw, Myron M., assignor.)

Minor, Burt S., San Pedro, and O. B. Kibele, Wilmington, Calif., assignors to Regan Forge & Engineering Company. Method and apparatus for suspending and sealing well casings. 2,134,311; Oct. 25.

Mitchell, Thomas A., Inglewood, Calif., assignor to Hughes-Mitchell Processes, Incorporated, Denver, Colo. Treatment of lead bearing ores and the preparation of compounds therefrom. 2,134,528; Oct. 25.

Moat, Harry L., assignor to Atlas Powder Company, Wilmington, Del. Identification tag. 2,134,002; Oct. 25.

Monroe Calculating Machine Company. (See Crosman, Loring P., assignor.)

Monsanto Chemical Company. (See Martin, George D., assignor.)

Montgomery, David E. (See Montgomery, Glenn G. and D. E.)

Montgomery, Glen G. and D. E., Mirando City, Tex. Pump. 2,134,087; Oct. 25.

Moore, Charlie A., assignor of one-half to J. A. Foster, Nashville, Tenn. Comb. 2,134,370; Oct. 25.
Moore, Harold C., St. Louis, Mo., assignor of one-half to J. J. Starr. Powder dispensing device. 2,134,141; Oct. 25.
Moore, Harry B., et al. (See Blalock, Eugene M., assignor.)
Moore, Maynard H., Jr., Everett, Mass. Shoe. 2,134,259; Oct. 25.
Moore, Roscoe, Kingston, Pa. Shaker conveyer. 2,134,452; Oct. 25.
Mogren, Norman, North St. Paul, Minn. Exercising device. 2,134,451; Oct. 25.
Morley, Herbert. (See Darbyshire, L. H., Norberg, and Morley.)
Morlock, Emil, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Device for the hydrogenation of vegetable or animal oils or fats, fatty acids, or the like. 2,134,571; Oct. 25.
Morrison, Willard L., Lake Forest, Ill. Air cooling and circulating device and process. 2,134,003; Oct. 25.
Morse Andrews Co. (See Morse, William J., assignor.)
Morse, William J., Attlebore, Mass., assignor to Morse Andrews Co. Tie holder construction. 2,134,394; Oct. 25.
Motor Products Corporation. (See Thunder, Harold G., assignor.)
Mowlds, Kenneth S., Baltimore, Md., assignor to The Glidden Company, Cleveland, Ohio. Lithopone and making same. 2,134,198; Oct. 25.
Mudrick, Morris, Los Angeles, Calif. Fiber picker. 2,134,312; Oct. 25.
Mulert, Erika A. (See Schmidt, Wilhelm.)
Mulert, Hans J. (See Schmidt, Wilhelm, assignor.)
Müller, Max, and R. Ratti, assignors to the firm Durand & Huguenin S. A., Basel, Switzerland. Mordant azodyestuffs and making same. 2,134,453; Oct. 25.
Mundt, Edward, Streator, Ill., assignor to Robb & Robb, Cleveland, Ohio. Machine for emplacing expansion joints and dowell bars. 2,134,641; Oct. 25.
Municipal Sanitary Service Corporation. (See Raisch, William, assignor.)
Munoz, Alfred. Brooklyn, N. Y. Filter assembly. 2,134,413; Oct. 25.
Murphy, Joseph P., Jr., et al. (See Wagner, Hans, assignor.)
Murray, Clay E., assignor to Linograph Corporation, Davenport, Iowa. Second elevator for typographical machines. 2,134,668; Oct. 25.
N. V. Philips' Gloeilampenfabrieken. (See Dorgelo, Eduard G., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Jonker, Johan L. H., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Knös, Gunnar B., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Patai, Imre, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See van der Tuuk, Jacob H., assignor.)
Nachman, Fred A., Jr., assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Spring assembly for upholstery. 2,134,371; Oct. 25.
Nachman Spring-Filled Corporation. (See Gleason, William W., assignor.)
Nachman Spring-Filled Corporation. (See Nachman, Fred A., Jr., assignor.)
Narragansett Products Corporation. (See Cressy, Charles O., assignor.)
Nash-Kelvinator Corporation. (See Philipp, Lawrence A., assignor.)
National Aniline & Chemical Company. (See Punnett, Elton B., assignor.)
National Bread Wrapping Machine Co. (See Hoppe, W., and Roberts, assignors.)
National Electric Products Corporation. (See Bennett, Inslee A., assignor.)
National Lock Washer Company. (See Schunk, Joseph, assignor.)
Neptune Meter Company. (See Marden, William L., assignor.)
Ness, William H. C., Los Angeles, Calif. Roof flashing and retaining means therefor. 2,134,275; Oct. 25.
Neufeld, Jacob. (See Scherbatskoy, S. A., and Neufeld.)
Newby, Harry A., et al. (See Grantham, James, assignor.)
New Idea, Inc. (See Synck, Adolph J., assignor.)
New Jersey Machine Corporation. (See von Hofe, George W., assignor.)
Newton, Howard L., and H. Merker, assignors to Pressed Steel Tank Company, Milwaukee, Wis. Nonrefillable barrel. 2,134,199; Oct. 25.
New York Air Brake Company, The. (See Campbell, Charles A., assignor.)
New York Central Railroad Company, The. (See Hamilton, W. S. H., and Butt, assignors.)
Nicholson, Constantin J., Brooklyn, N. Y. Screen retaining unit. 2,134,454; Oct. 25.
Nickerson, James H., Kansas City, Mo. Aeroplane construction. 2,134,260; Oct. 25.
Norberg, Oscar E. (See Darbyshire, L. H., Norberg, and Morley.)
Norcross, Austin S., Newton, Mass. Visor and light screen for vehicles. 2,134,414; Oct. 25.
Nordgran, James C., Salt Lake City, Utah. Automobile or highway signal. 2,134,313; Oct. 25.
North American Car Corporation. (See Dempsey, Aruthur E., Jr., assignor.)
Nyegaard & Company, Aktieselskap. (See Laland, P., and Klem, assignors.)
Obdyke, Louis K., Glendale, Calif. Machine for popping popcorn and vending the same. 2,134,088; Oct. 25.
O'Donnell, Edward M., San Francisco, Calif. Closure for tank apertures. 2,134,314; Oct. 25.
O'Hara, Richard, et al. (See Skidmore, Frank, assignor.)
Olson, Theodore A., Pompton Plains, N. J., assignor to General Motors Corporation, Detroit, Mich. Gauge. 2,134,372; Oct. 25.
Olympia Buromaschinenwerke A. G. (See Salzberger, Andreas, assignor.)
Orcutt, Arthur H., and R. J. Bullows, assignors to The Gear Grinding Company Limited, Birmingham, England. Indexing mechanism. 2,134,234; Oct. 25.
Orear, Andrew G., Glendale, assignor to Trade-Wind Motorfans, Inc., Los Angeles, Calif. Ventilating apparatus. 2,134,142; Oct. 25.
Osborne, William B., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,134,315; Oct. 25.
Oswego Falls Corporation. (See Wilcox, Isaac L., assignor.)
Oswell, Benjamin M., Los Angeles, Calif. Splash guard for electric mixing machines. 2,134,261; Oct. 25.
Owens-Illinois Glass Company. (See Plummer, Jesse H., assignor.)
Owens-Illinois Glass Company. (See Slayter, Games, assignor.)
Packard Motor Car Company. (See Hierta, Hans, assignor.)
Page, Alfred E., assignor to W. & T. Avery Limited, Birmingham, England. Automatic apparatus for weighing material flowing in a continuous stream. 2,134,669; Oct. 25.
Paget, Bertie K., Cleveland, Ohio. Ventilator. 2,134,143; Oct. 25.
Palace Travel Coach Corporation. (See Arehart, David D., assignor.)
Paper Patents Company. (See Kellett, William R., assignor.)
Parke, Davis & Company. (See Taylor, F. O., and Merker, assignors.)
Parker, Douglas S., Verdun, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Conveyer. 2,134,373; Oct. 25.
Parkersburg Rig & Reel Company. (See De La Mater, Robert G., assignor.)
Parsons, James A., Jr., assignor to The Duriron Company, Inc., Dayton, Ohio. Corrosion resisting ferrous alloys. 2,134,670; Oct. 25.
Patai, Imre, Budapest, Hungary, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Holland. Manufacture of oxide coated cathodes. 2,134,415; Oct. 25.
Paul, William E., Schenectady, N. Y., assignor to General Electric Company. Electric circuit breaker. 2,134,572; Oct. 25.
Paul, William E., Schenectady, N. Y., assignor to General Electric Company. Electric circuit breaker. 2,134,573; Oct. 25.
Payne, Frank E., Glencoe, assignor to Crane Packing Company, Chicago, Ill. Plastic packing with braided asbestos jacket. 2,134,671; Oct. 25.
Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,134,056; Oct. 25.
Penn Metal Company. (See Spinosa, Arthur V., assignor.)
Pentecost, William, et al. (See Blalock, Eugene M., assignor.)
Pesarese, Fritz, Grundschottel, assignor to the firm: Eisen-u. Stahlwerk Walter Peyinghaus, Egge, Germany. Bearing. 2,134,621; Oct. 25.
Peterson, Oscar A., Albert Lea, Minn. Grease pump. 2,134,622; Oct. 25.
Petitcolas, Pierre, Rouen, and R. F. M. Sureau, Mont St.-Aignan, assignors to Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlmann, Paris, France. Azo dyestuff and the manufacture thereof. 2,134,642; Oct. 25.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,134,089; Oct. 25.
Phillippi, Dale M. (See Geyer, H. D., Flower, and Phillippi.)
Phillips, Anthony J., Lower Southampton Township, Bucks County, Pa. Baling sheet metal. 2,134,529; Oct. 25.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Internal gauge for cylinders and the like. 2,134,262; Oct. 25.
Philpott, La Verne R., Washington, D. C., and C. E. Haller, Owensboro, Ky., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Translating apparatus. 2,134,530; Oct. 25.
Pincock, Douglas F., Ogden, Utah. Hypodermic syringe. 2,134,144; Oct. 25.
Pincock, Douglas F., Ogden, Utah. Ampule. 2,134,145; Oct. 25.
Pinkle, Emma B., East Cleveland, Ohio, assignor to General Electric Company. Electric incandescent lamp. 2,134,574; Oct. 25.

Pioneer Timber Co. (See McKone, Archie, assignor.)
Pittman, Thomas C., Stuart, Fla. Oil conduit. 2,134,004; Oct. 25.
Pivoto, Felix L., Liberty, Tex. Plug valve casing head. 2,134,200; Oct. 25.
Place, Willard P., Wilkinsburg, P. N. Bossart, West Deer Township, Allegheny County, and L. O. Grondahl, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for railway train communication systems. 2,134,416; Oct. 25.
Plaine, George H. (See Christensen, M., Plaine, Trainer, and Hodge.)
Plummer, Jesse H., Newark, Ohio, assignor to Owens-Illinois Glass Company. Heat insulation. 2,134,340; Oct. 25.
Poltras, Edward J., Jackson Heights, and J. D. Tear, Great Neck, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Yieldable drive coupling. 2,134,488; Oct. 25.
Poix, G. M., Inc. (See Yerkes, Gabrielle M. P., assignor.)
Pollak, Fritz, Vienna, Austria. Production of moldable compositions. 2,134,235; Oct. 25.
Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Bag making machine. 2,134,057; Oct. 25.
Potdevin Machine Company. (See Potdevin, Adolph, assignor.)
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Selective control system and apparatus. 2,134,005; Oct. 25.
Poussel, Léopold, assignor to Etablissements Favant, St. Henri, Marseille, France. Automatic cutting machine for bricks or the like. 2,134,374; Oct. 25.
Povlacs, Lawrence, Jr. (See Killian, E. S., and Povlacs.)
Powell, Jerrell R., Lancaster, Tex. Combined cigarette and pipe lighter. 2,134,462; Oct. 25.
Pratt, William H., Lynn, Mass., assignor to General Electric Company. Multiple element meter. 2,134,575; Oct. 25.
Pressed Steel Tank Company. (See Newton, H. L., and Merker, assignors.)
Pressed & Welded Steel Products Company. (See Haskin, Walter E., assignor.)
Preston, Frank W., Paterson, N. J. Marionette for narrow ware looms. 2,134,201; Oct. 25.
Price, Earl R. (See Price, Harold W. and E. R.)
Price, Harold W. and E. R., assignors to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,134,576; Oct. 25.
Price, Stanley, La Grange, Ill., W. R. Hummel, Maplewood, N. J., and A. A. Bureau, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Package. 2,134,375; Oct. 25.
Process Management Company. (See Atwell, Harold V., assignor.)
Process Management Company. (See Cooke, Horace B., assignor.)
Process Management Company. (See Keith, Percival C., Jr., assignor.)
Publicker Inc. (See Stein, Jacob, assignor.)
Pullman Company, The. (See Crawford, D. A., McKinnon, and Apel, assignors.)
Punnett, Elton B., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Purification of maleic anhydride. 2,134,531; Oct. 25.
Purma Cameras Limited. (See Mayo, Alfred C., assignor.)
Purma Cameras Limited. (See Mayo, A. C., and Terrett, assignors.)
Pützer, Alfred, Berlin-Spandau, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electrode system. 2,134,577; Oct. 25.
Quaedvlieg, Matthias. (See Brodersen, K., and Quaedvlieg.)
Quick, Cecil G., D. A. Ball, and W. A. Whitehead, London, England, assignors to R. Hoe & Co., Inc., New York, N. Y. Delivery mechanism for use with printing machines. 2,134,532; Oct. 25.
Quist, Oscar. (See Christensen, N. V., and Quist.)
Racklyeft, John W., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Clutch for ironing machine mechanism. 2,134,202; Oct. 25.
Radio Corporation of America. (See Crosby, Murray G., assignor.)
Radio Corporation of America. (See Kimmich, William, assignor.)
Radio Corporation of America. (See Linsell, Alfred A., assignor.)
Radio Corporation of America. (See Schade, Otto H., assignor.)
Radio Corporation of America. (See Thomas, Adolph A., assignor.)
Radio Corporation of America. (See Trevor, B., and George, assignors.)
Radio Corporation of America. (See Usselman, George L., assignor.)
Raeth, Curt, Radebeul, near Dresden, and R. Gebauer, Dresden, assignors to Chemische Fabrik von Heyden, A. G., Radebeul, Germany. Pyridine derivatives of barbituric acids. 2,134,672; Oct. 25.
Raisch, William, Forest Hills, assignor to Municipal Sanitary Service Corporation, New York, N. Y. Making screen plates. 2,134,146; Oct. 25.
Randall, Meredith S. (See Woodall, H. J., and Randall.)
Rapids Equipment Co. (See Ribble, Harry W., assignor.)
Ratti, Roger. (See Müller, M., and Ratti.)
Rauen, Carl F., Grosse Pointe, and A. E. Kilpela, Detroit, Mich., assignors, by mesne assignments, to Borg-Warner Corporation. Automatic transmission. 2,134,316; Oct. 25.
Ray, Frederick B., assignor to Insley Manufacturing Corporation, Indianapolis, Ind. Concrete conveying bucket. 2,134,643; Oct. 25.
Raymond, Gwynne, and L. E. Young, assignors to Black, Sivalls & Bryson, Inc., Oklahoma City, Okla. Baffle construction. 2,134,203; Oct. 25.
Raytheon Manufacturing Company. (See Bush, Vannevar, assignor.)
Rea, James C., assignor to Dry Fruit Products Company, Oakland, Calif. Drying apparatus. 2,134,147; Oct. 25.
Reece Button Hole Machine Company, The. (See Reece, F. A., and Avis, assignors.)
Reece, Franklin A., Brookline, Mass., and S. W. Avis, Providence, R. I., assignors to The Reece Button Hole Machine Company, Boston, Mass. Button sewing machine. 2,134,417; Oct. 25.
Reed, Clair S. (See Sherman, J. D., Reed, and Currie.)
Reeves, Arthur L., Caron, Saskatchewan, Canada. Internal combustion engine. 2,134,236; Oct. 25.
Regan Forge & Engineering Company. (See Minor, B. S., and Kibele, assignors.)
Regis, Felix S., Chisholm, Minn. Attachment plug base. 2,134,204; Oct. 25.
Reid, John, Oil City, Pa. Supplementary support for the shaft of power-delivery belt-pulleys. 2,134,263; Oct. 25.
Reiland, Frank D., Chicago, Ill. Chair for supporting concrete reinforcing rods. 2,134,533; Oct. 25.
Reindorp, John H. (See Sanders-Dolgoruki, E., and Reindorp.)
Reliable Electric Co. (See Buehring, William J., assignor.)
Remington Rand Inc. (See Keefe, Lincoln M., assignor.)
Remscheid, Emil J., Scotia, N. Y., assignor to General Electric Company. Insulating and sealing means for evacuated devices. 2,134,578; Oct. 25.
Research Corporation. (See Buchman, Edwin R., assignor.)
Research Corporation. (See Williams, Robert R., assignor.)
Reynolds Spring Company. (See Sherman, J. D., Reed, and Currie, assignors.)
Ribble, Harry W., Niles Center, Ill., assignor, by mesne assignments, to Rapids Equipment Co. Inc., Cedar Rapids, Iowa. Tapping apparatus. 2,134,205; Oct. 25.
Ricci, Leo. (See Farner, L., and Ricci.)
Richter & Phillips Company, The. (See Calnan, Roger S., assignor.)
Ridge, Raymond J. (See Van Sciver, W. M., and Ridge.)
Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Vehicle door latch. 2,134,317; Oct. 25.
Ris, Kenneth B., Garden City, assignor to The Griscom-Russell Company, New York, N. Y. Heat exchanger. 2,134,058; Oct. 25.
Rit Products Corporation. (See Kritchevsky, Wolf, assignor.)
Roach, Edward F. (See Grant, W. A., and Roach.)
Robb & Robb. (See Mundt, Edward, assignor.)
Roberts, Franklin B. (See Hoppe, W., and Roberts.)
Roberts, Ovid E., Jr., Washington, D. C. Fixation of nitrogen. 2,134,206; Oct. 25.
Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,134,148; Oct. 25.
Robertson, Reuel R., Easton, Pa. Pull-in clothesline. 2,134,264; Oct. 25.
Ročić, Ivan, New York, N. Y. Combination range, broiler, toaster, and oven. 2,134,376; Oct. 25.
Ročić, Ivan, New York, N. Y. Master cooker combination. 2,134,377; Oct. 25.
Rock, Harry J., Carteret, N. J. Protector device for cigarettes in a package. 2,134,341; Oct. 25.
Röhm & Haas Company. (See Andrews, Chester E., assignor.)
Röhm & Haas Company. (See Hester, William F., assignor.)
Röhm & Haas Company. (See Röhm, O., Schottenhammer, and Gröner, assignors.)
Röhm, Otto, K. Schottenhammer, and E. Gröner, Darmstadt, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa. Slipproof fabric. 2,134,579; Oct. 25.
Roirant, Emile, assignor to Societe Anonyme d'Etudes et de Constructions d'Appareils Mecaniques pour la Verrerie, Paris, France. Machine for the manufacture of blown glass articles of great capacity. 2,134,342; Oct. 25.
Roko Corporation. (See Coberly, Clarence J., assignor.)
Roller, Harry C., Glendale, Calif. Adhesive. 2,134,006; Oct. 25.
Roscher, Arthur, and F. von Herrenburger, assignors to the firm R. Seelig & Hille, Dresden, Germany. Preparation of self-filtering ground coffee. 2,134,276; Oct. 25.
Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Transfer and setting-up of collapsed cartons. 2,134,418; Oct. 25.
Rose Brothers (Gainsborough) Limited. (See Rose, Alfred G., assignor.)

Rose, Herbert A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Sectionalizing of sectional type rectifiers. 2,134,580; Oct. 25.
Rosenfeld, Joseph E., Battle Creek, Mich. Peritoneal divider. 2,134,265; Oct. 25.
Rosenthal, Sol R., Chicago, Ill. Bacterin conveying mechanism. 2,134,378; Oct. 25.
Roth, Harris C., Detroit, Mich., and W. J. Andres, Pittsburgh, Pa., assignors to Bendix Products Corporation, South Bend, Ind. Clutch control mechanism. 2,134,534; Oct. 25.
Roueche, William L. (See Floyd, H. G., and Roueche.)
Rowe, Russell E., Hyattsville, Md. Battery terminal connecter. 2,134,623; Oct. 25.
Rowell, Ralph M., Lynn, Mass., assignor to General Electric Company. 2,134,581; Oct. 25.
Royall, Horace H., Bell, Calif. Snow slide preventer. 2,134,624; Oct. 25.
Royle, Edwin B., assignor to The Elmco Corporation, Salt Lake City, Utah. Loading machine. 2,134,582; Oct. 25.
Runge, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Distance determining system. 2,134,535; Oct. 25.
Russell, Frank J., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,134,207; Oct. 25.
Russell, George J., Waltham, assignor of one-half to E. S. Emery, Lexington, Mass. Hydraulic apparatus. 2,134,673; Oct. 25.
Russell Manufacturing Company, The. (See Walters, Gustav, assignor.)
Ruzich, John C., San Diego, Calif. Scooter. 2,134,318; Oct. 25.
Ryan, Stephen E., et al. (See Wagner, Hans, assignor.)
Sadler, Herbert E., Seattle, Wash. Refrigerated back bar. 2,134,644; Oct. 25.
Safety Car Heating & Lighting Company. (See Creveling, John L., assignor.)
Salzberger, Andreas, assignor to Olympia Buromaschienenwerke A. G., Erfurt, Germany. Device for varying the strength of the type impression in typewriting office machines. 2,134,343; Oct. 25.
Sanders-Dolgoruki, Edgar, and J. H. Reindorp, Assignors to Truecolour Film Limited, London, England. Color photography or cinematography. 2,134,266; Oct. 25.
Sandin, Jerome, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fuse cut-out. 2,134,583; Oct. 25.
Sandstrom, Oscar R. (See Walsh, R., and Sandstrom.)
Sanford, Roy S. (See Kliesrath, V. W., and Sanford.)
Sas, Elmer, New York, N. Y. Necktie carrier. 2,134,645; Oct. 25.
Sauer, Henry J., assignor to The Kilborn-Sauer Company, Fairfield, Conn. Switch device for automobile direction signals. 2,134,289; Oct. 25.
Sauerman, Ernst C., Chicago, Ill. Envelope machine. 2,134,379; Oct. 25.
Saulnier, Raymond, Paris, France. Pump for aircraft machinery. 2,134,237; Oct. 25.
Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Rear axle wheel and brake assembly. 2,134,007; Oct. 25.
Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Piston construction. 2,134,584; Oct. 25.
Sauzedde, Claude, Detroit, Mich. Apparatus for treating vascular diseases. 2,134,646; Oct. 25.
Savage, Ernest L., Watertown, Mass. Grass plot foundation. 2,134,647; Oct. 25.
Schaaf, Alexander. (See Ulrich, F., and Schaaf.)
Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Loudspeaker circuits. 2,134,059; Oct. 25.
Schadek, E. W. (See Jones, Sam P., assignor.)
Schaefle, Ralph E., Berkeley, assignor to Balfour, Guthrie & Co., Limited, San Francisco, Calif. Preserving fruits. 2,134,060; Oct. 25.
Scheemaeker, Emile, Blackstone, Mass. Cream separating device. 2,134,090; Oct. 25.
Schellens, Eugene L., Ridgewood, N. J., and W. I. Hamby, Great Neck, assignors to Servel, Inc., New York, N. Y. Refrigeration. 2,134,149; Oct. 25.
Scherbatskoy, S. A., and J. Neufeld, assignors to Engineering Laboratories, Inc., Tulsa, Okla. Apparatus for exploring the level of liquid in a bore hole. 2,134,428; Oct. 25.
Scherer, Robert P., Detroit, Mich. Collapsible dispensing capsule. 2,134,489; Oct. 25.
Schmid, Theophilus, Jr., Chicago, and A. Benson, Wilmette, Ill. Letter opener. 2,134,536; Oct. 25.
Schmidt, Wilhelm, Berlin-Schmargendorf, Germany, assignor to H. J. Mulert, New York, N. Y.; E. A. Mulert, sole heir of H. J. Mulert, deceased. Light advertising device. 2,134,150; Oct. 25.
Schoenfeld, Gustav, Great Falls, Mont. Commutator dresser. 2,134,151; Oct. 25.
Schofield, Edwin R., Philadelphia, Pa. Valve. 2,134,208; Oct. 25.
Schottenhammer, Karl. (See Röhm, O., Schottenhammer, and Gröner.)
Schulz, Hans H., London, England. Pump, syringe, and like appliance for surgical and medical and other purposes. 2,134,290; Oct. 25.
Schulz, Hans H., London, England. Syringe. 2,134,291; Oct. 25.
Schumann, Alfred F. (See Coulter, R. S., and Schumann.)
Schunk, Joseph, assignor to The National Lock Washer Company, Newark, N. J. Curtain fixture structure. 2,134,292; Oct. 25.
Schwarte, Georg. (See Jahrstorfer, M., and Schwarte.)
Schwartz, Erich, Berlin-Zehlendorf, assignor to the firm of Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Braun tube. 2,134,267; Oct. 25.
Schwartz, Philip J. (See Hackworth, A. (assignor), and Greive.)
Schwarzmayr, Ludwig, San Francisco, Calif. Wound drain-strip. 2,134,152; Oct. 25.
Schweitzer & Conrad, Inc. (See Beckett, K. C., and Lindell, assignors.)
Schweitzer & Conrad, Inc. (See Conrad, Nicholas J., assignor.)
Schweitzer & Conrad, Inc. (See Triplett, H. A., and Lindell, assignors.)
Schwenker, Paul, Altenburg, Thuringia, Germany. Last for orthopedic shoes. 2,134,209; Oct. 25.
Scott, Kenneth D. (See Howard, E. A., and Scott.)
Scovill Manufacturing Company. (See Fenton, Paul E., assignor.)
Scovill Manufacturing Company. (See Huelster, Otto J., assignor.)
Seal, Stanley, Flemington, N. J. Dipper shovel tooth. 2,134,344; Oct. 25.
Secor, Allen C., Erie, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc., (1922), New York, N. Y. Machine for finishing spherical surfaces. 2,134,210; Oct. 25.
Sedberry, William H., Thompson Station, Tenn. Variable choke for shotguns. 2,134,238; Oct. 25.
Seelig, R., & Hille. (See Roscher, A., and von Herrenburger, assignors.)
Seghers, Emiel P., Chicago, Ill. Percolator top. 2,134,585; Oct. 25.
Sells, Floyd, Monroe, N. C. Seed saving attachment for mowing machines. 2,134,239; Oct. 25.
Servel, Inc. (See Schellens, E. L., and Hamby, assignors.)
Seyvertsen, Ludwig, assignor of one-half to S. H. Johnston, Cleveland, Ohio. Gear pump. 2,134,153; Oct. 25.
Shakespeare Company. (See Balz, William G., assignor.)
Shappirio, Sol, Washington, D. C. Metallo amido derivatives. 2,134,625; Oct. 25.
Sharp, Henry J., assignor of fifty one-one hundredths to W. W. Martin, Pittsburgh, Pa. Fastening mechanism. 2,134,008; Oct. 25.
Shartle, Charles W., Jr., Houston, Tex. Self-oiling chain sprocket. 2,134,490; Oct. 25.
Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Car structure. 2,134,211; Oct. 25.
Sheeran, James J., Brooklyn, N. Y. Electric plug lifter. 2,134,345; Oct. 25.
Shell Development Company. (See Greensfelder, B. S., Spaght, and Britten, assignors.)
Sherman, Jacob D., C. S. Reed, and O. C. Currie, assignors to Reynolds Spring Company, Jackson, Mich. Composite structural member. 2,134,674; Oct. 25.
Shipton, Edward, London, and O. D. Kennedy, Burnham, England. Impulse transmitter. 2,134,626; Oct. 25.
Shoemaker, Malcolm G., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,133,962; Oct. 25.
Shroyer, Jacob L., Oak Park, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Frying apparatus. 2,134,675; Oct. 25.
Sibbert, Edward F., Brooklyn, assignor to S. H. Kress and Company, New York, N. Y. Illumination. 2,134,491; Oct. 25.
Sieffert, Fritz, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Washing and cleansing compositions. 2,134,346; Oct. 25.
Siemens Apparate und Maschinen G. m. b. H. (See Köster, Paul E., assignor.)
Siemens & Halske Aktiengesellschaft. (See Brühe, Herbert, assignor.)
Siemens & Halske Aktiengesellschaft. (See Pützer, Alfred, assignor.)
Siemens & Halske Aktiengesellschaft. (See Stanek, Josef, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Thal, Wilhelm, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Ulrich, F., and Schaaf, assignors.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Mierdel, Georg, assignor.)
Sigurdson, Mindy, Winnipeg, Manitoba, Canada. Partition securing clamp. 2,134,212; Oct. 25.
Silver, Jacob, Philadelphia, Pa. Jewelry. 2,134,586; Oct. 25.
Simmons, Joseph M., Chicago, Ill. Brake for sleds and jumpers. 2,134,587; Oct. 25.
Simplex Valve and Meter Company. (See Borden, Moro M., assignor.)
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Vehicle wheel. 2,134,419; Oct. 25.

Sisson, Glen R., Pendleton, Ind. Automatic choke. 2,134,421; Oct. 25.
Skidmore, Frank, assignor of one-third to A. G. Tassano, Oakland, and one-third to R. O'Hara, Alameda, Calif. Protective cigarette holder. 2,134,213; Oct. 25.
Slayter, Games, Newark, Ohio, assignor to Owens-Illinois Glass Company. Low temperature insulation. 2,134,009; Oct. 25.
Smith, Donald K. (See Jones, A. L., and Smith.)
Smith, Harold H., Parkview, Johannesburg, assignor of three-fourths to General Mining & Finance Corporation Limited, Johannesburg, Union of South Africa. Ore dressing jig. 2,134,154; Oct. 25.
Smith, L. C., & Corona Typewriters, Inc. (See Avery, H. A., and Barkdoll, assignors.)
Smith, William A., Sr., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Controlling device. 2,134,420; Oct. 25.
Societe Anonyme d'Etudes et de Constructions d'Appareils Mecaniques pour la Verrerie. (See Roirant, Emile, assignor.)
Societe Centrale de Chemins de Fer & d'Entreprises. (See Verney, Louis A., assignor.)
Society of Chemical Industry in Basle. (See Kern, Walter, assignor.)
Soltan, Alexander, Elmhurst, assignor to P. W. Valentine, Brooklyn, N. Y. Attachment for sewing machines. 2,134,010; Oct. 25.
Sommers, Louis G., Jennings, assignor to Lustre Company, St. Louis, Mo. Edge buffing wheel. 2,134,676; Oct. 25.
Sowder, Seth P., Hardburly, Ky. Shaker screen. 2,134,240; Oct. 25.
Spaght, Edward. (See Greensfelder, B. S., Spaght, and Britten.)
Spiegel, Maurice L., Minneapolis, Minn. Chemical heater composition. 2,134,455; Oct. 25.
Spinosa, Arthur V., assignor to Penn Metal Company, Inc., Parkersburg, W. Va. Hollow partition. 2,134,155; Oct. 25.
Spiral Binding Co. Inc. (See Grumbacher, Walter, assignor.)
Spray Engineering Company. (See Thompson, Wayne B., assignor.)
Sproull, Charles W., and L. J. Vetrano, Houston, Tex. Valve mechanism. 2,134,277; Oct. 25.
Stacey, Alfred E., Jr., Essex Fells, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Railroad car air distributing system. 2,134,588; Oct. 25.
Standard Mailing Machines Company. (See Storck, Frederick W., assignor.)
Standard Oil Development Company. (See Buc, Hyym E., assignor.)
Standard Stoker Company, (1922) The. (See Secor, Allen C., assignor.)
Standard-Trump Bros. Machine Company. (See Houseman, Harold E., assignor.)
Stanek, Josef, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Apparatus for measuring high-frequency alternating currents. 2,134,589; Oct. 25.
Stange, William J., assignor to Wm. J. Stange Co., Chicago, Ill. Making condimentation products. 2,134,380; Oct. 25.
Stange, Wm. J., Co. (See Stange, William J., assignor.)
Starr, John J. (See Moore, Harold C., assignor.)
Stationers Loose Leaf Company. (See Lotter, Adolph G., assignor.)
Stapling Machines Co. (See Florcyk, Edward M., assignor.)
State, James C., and R. A. Mairson, assignors of one-quarter to I. W. Mairson and one-quarter to N. Verburg, Kalamazoo, Mich. Speed governor for internal combustion engines. 2,134,156; Oct. 25.
Stecher, Joseph L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for the solidifying or casting of molten materials. 2,134,091; Oct. 25.
Stein, Jacob, assignor to Publicker Inc., Philadelphia, Pa. Esterification process. 2,134,537; Oct. 25.
Steiner Sales Company. (See Birr, Rudolph G., assignor.)
Stevens, Perry H., et al. (See Jost, Peter, assignor.)
Stevens, Perry H., et al. (See Killian, E. S., and Povlacs, assignors.)
Stoddard, Ralph N., Pittsburgh, and E. H. Vedder, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding apparatus. 2,134,538; Oct. 25.
Stoll, Arthur, and E. Burckhardt, assignors to the firm of Chemical Works formerly Sandoz, Basel, Switzerland. Manufacture of water-soluble calcium compounds. 2,134,456; Oct. 25.
Stone, Morris D., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Metal treatment. 2,134,319; Oct. 25.
Stone, S. H., et al. (See Williams, Colman J., assignor.)
Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Fluid drip dispenser. 2,134,214; Oct. 25.
Stroup, Fred H., Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Connecting internal combustion engines to suction motors. 2,134,215; Oct. 25.

Strutwear Knitting Company. (See Martin, John E., assignor.)
Suddentsche Apparate-Fabrik G. m. b. H. (See Kipphan, Erich, assignor.)
Sureau, Robert F. M. (See Petitcolas, P., and Sureau.)
Süsselbeck, Karl, Oberhausen-Sterkrade, assignor to Gutehoffnungshütte Oberhausen Aktiengesellschaft, Oberhausen-Rheinland, Germany. Purifying crude hydrocarbons, more particularly crude benzole, crude benzine, and crack benzine. 2,134,241; Oct. 25.
Sutter, Ole, Isanti, Minn. Seed grading and cleaning apparatus. 2,134,216; Oct. 25.
Swenson, Harvey F., Seattle, Wash. Ice cream freezer. 2,134,268; Oct. 25.
Symington-Gould Corporation, The. (See Barrows, Donald S., assignor.)
Synck, Adolph J., assignor to New Idea, Inc., Coldwater, Ohio. Hay rake. 2,134,269; Oct. 25.
Tainton, Urlyn C., Baltimore, Md. Metal treatment. 2,134,457; Oct. 25.
Talbot, Bernadette M., Manchester, N. H. Curtain. 2,134,458; Oct. 25.
Tassano, Antonio G., et al. (See Skidmore, Frank, assignor.)
Tator, Kenneth, Cambridge, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Container closure and lining composition. 2,134,217; Oct. 25.
Taylor, Claude C., Whittier, Calif. Well cleaner. 2,134,320; Oct. 25.
Taylor, Frank O., and H. M. Merker, assignors to Parke, Davis & Company, Detroit, Mich. Inhalant. 2,134,463; Oct. 25.
Tear, James D. (See Poitras, E. J., and Tear.)
Telco Corporation. (See Hoyt, Karl R., assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Andrieu, Robert, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Runge, Wilhelm, assignor.)
Teletype Corporation. (See Potts, Louis M., assignor.)
Telford, William M., Warwick, Queensland, Australia. Updraft gas producers. 2,134,492; Oct. 25.
Terrett, Joseph. (See Mayo, A. C., and Terrett.)
Texas Company, The. (See Gee, William P., assignor.)
Texas Company, The. (See Knowles, Edwin C., assignor.)
Thal, Wilhelm, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt near Berlin, Germany. Alternating current apparatus for testing magnetizable materials. 2,134,539; Oct. 25.
Thiele, Max. (See Brunner, A., Greune, Thiele, and Thiess.)
Thiess, Karl. (See Brunner, A., Greune, Thiele, and Thiess.)
Thomas, Adolph A., assignor to Radio Corporation of America, New York, N. Y. Radio tuning apparatus. 2,134,381; Oct. 25.
Thomas, Albert G., Lynchburg, Va. Filter. 2,134,061; Oct. 25.
Thomason, Wade, et al. (See Williams, Colman J., assignor.)
Thompson Manufacturing Company. (See Thompson, Walter V., assignor.)
Thompson, Milton D., Fairhaven, Mass. Propeller. 2,134,157; Oct. 25.
Thompson, Oscar T., Neenah, Wis., assignor, by mesne assignments, to International Cellucotton Products Co., Chicago, Ill. Pad folding machine. 2,134,459; Oct. 25.
Thompson Products, Incorporated. (See Wolf, Martin B., assignor.)
Thompson, Walter V., assignor to Thompson Manufacturing Company, Los Angeles, Calif. Quick coupling valve. 2,134,382; Oct. 25.
Thompson, Wayne B., Winchester, assignor to Spray Engineering Company, Somerville, Mass. Play pipe construction. 2,134,347; Oct. 25.
Thunder, Harold G., assignor to Motor Products Corporation, Detroit, Mich. Automobile bumper. 2,134,422; Oct. 25.
Tide Water Associated Oil Company. (See Lewis, Arthur W., assignor.)
Tilton, Edward W., Oshkosh, Wis., assignor of one-half to H. R. Kay, Winnetka, Ill. Rotary pump. 2,134,219; Oct. 25.
Tornblom, Nils A., Chicago, Ill., assignor to Appleton Electric Company. Cable connecter. 2,134,655; Oct. 25.
Torrington Manufacturing Company, The. (See Bergevin, Charles R., assignor.)
Touceda, Enrique G., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Alloy. 2,134,423; Oct. 25.
Trade-Wind Motorfans, Inc. (See Orear, Andrew G., assignor.)
Trainer, James E. (See Christensen, M., Plaine, Trainer, and Hodge.)
Trapp, Lester, New York, N. Y. One-cycle control device. 2,134,218; Oct. 25.
Trbojevich, Nikola, Detroit, Mich. Gauge. 2,134,062; Oct. 25.
Trevor, Bertram, and R. Waldo George, Riverhead, N. Y., assignors to Radio Corporation of America. Short wave reception. 2,134,590; Oct. 25.
Triplett, Hugh A., Wilmette, and S. I. Lindell, assignors to Schweitzer & Conrad, Inc., Chicago, Ill. Thermal cut-out. 2,134,011; Oct. 25.
Tropic-Aire, Incorporated. (See Will, C. H., and Fink, assignors.)

Trowbridge, James E., Salt Lake City, Utah. Valve for stoker air control. 2,134,012; Oct. 25.

Truecolour Film Limited. (See Sanders-Dolgoruki, E., and Reindorp, assignors.)

Tucker, Herbert E. (See Hall, J. M., and Tucker.)

Turchányi, László, Sashalom, near Budapest, assignor to Magyar Ruggyantaarugyar Reszvenytarsasag, Budapest, Hungary. Rubber toy. 2,134,063; Oct. 25.

Turner, James O. (See Cantrell, T. L., and Turner.)

Turner, William E., assignor to O. B. Andrews Company, Chattanooga, Tenn. Carton or article carrier. 2,134,627; Oct. 25.

Turrentine, John W., Washington, D. C. Phosphate conversion. 2,134,013; Oct. 25.

Tyrrell, James, as trustee, et al. (See Jost, Peter, assignor.)

Tyrrell, James, as trustee, et al. (See Killian, E. S., and Povlacs, assignors.)

Ulrich, Friedrich, Berlin-Siemensstadt, and A. Schaaf, Berlin-Charlottenburg, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electrodynamic loudspeaker. 2,134,064; Oct. 25.

Underwood, Joseph E., assignor to C. Howard Hunt Pen Company, Camden, N. J. Gold plating. 2,133,996; Oct. 25.

Union Special Machine Company. (See Christensen, N. V., and Quist, assignors.)

Union Switch & Signal Company, The. (See Place, W. P., Bossart, and Grondahl, assignors.)

United American Bosch Corporation. (See Curtis, Leslie F., assignor.)

United Engineering & Foundry Company. (See Stone, Morris D., assignor.)

United Shoe Machinery Corporation. (See Bray, William N., assignor.)

United Shoe Machinery Corporation. (See Roberts, William T. B., assignor.)

United States Gauge Company. (See Whipple, Jack V. H., assignor.)

Universal Paper Products Company. (See Amberg, Walter E., assignor.)

Universal Products Company. (See Crossland, Stuart, assignor.)

Uroukoff, Steve, Harvey, Ill. Apparatus for cleansing conduits. 2,134,493; Oct. 25.

Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Modulator. 2,134,065; Oct. 25.

Valentine, Percy W. (See Soltan, Alexander, assignor.)

Van den Honert, August, The Hague, Netherlands. Jet device (injector or ejector). 2,134,460; Oct. 25.

Van der Tuuk, Jacob H., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. High tension discharge tube. 2,134,348; Oct. 25.

Van Ness, Eleanor, Baltimore, Md. Knitting device. 2,134,066; Oct. 25.

Van Sciver, Walter M., Lansdowne, and R. J. Ridge, Yeadon, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control for two-temperature refrigerators. 2,133,968; Oct. 25.

Vaughan, Victor G., Attleboro, Mass., and E. K. Clark, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermal motor protective device. 2,134,540; Oct. 25.

Vedder, Edwin H. (See Stoddard, R. N., and Vedder.)

Vegessy, John H., Elmhurst, Long Island, assignor to I. Miller & Sons, Inc., New York, N. Y. Protective cover for shoe lasts. 2,134,220; Oct. 25.

Vendope, Van L., assignor of thirty three and one-third per cent to R. Burdick, and thirty three and one-third per cent to A. S. Baron, Dallas, Tex. Bracket. 2,134,270; Oct. 25.

Verburg, Neil, et al. (See State, J. C., and Mairson, assignors.)

Verney, Louis A., assignor to Societe Centrale de Chemins de Fer & d'Entreprises, Paris, France. Vehicle coupling device. 2,134,628; Oct. 25.

Vetrano, Leon J. (See Sproull, C. W., and Vetrano.)

Vogelsong, C. C., et al. (See Blalock, Eugene M., assignor.)

Volck, William H., Watsonville, assignor to California Spray-Chemical Corporation, Berkeley, Calif. Insecticidal oil compositions. 2,134,158; Oct. 25.

Von Herrenburger, Franz. (See Roscher, A., and von Herrenburger.)

Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Variable speed drive. 2,134,159; Oct. 25.

Von Kohorn zu Kornegg, Oscar F., Chemnitz, Germany. Manufacture of artificial staple fibers. 2,134,160; Oct. 25.

Von Werder, Fritz. (See Dalmer, O., and von Werder.)

Vreeland, Frederick K., Montclair, N. J., Band carrier selector system. 2,134,677; Oct. 25.

Wade, Newman C., Summit, N. J. Plant support. 2,134,242; Oct. 25.

Wagner Electric Corporation. (See Stroup, Fred H., assignor.)

Wagner, Hans, Akron, Ohio, assignor of eight per cent to J. P. Murphy, Jr., Brooklyn, and two per cent to S. E. Ryan, Forest Hills, N. Y. Manufacture of inner tubes for vehicle tires. 2,134,591; Oct. 25.

Waldvogel, Karl O. (See Wickersham, D. P., and Waldvogel, assignors.)

Walker, Doris F., Gastonia, N. C. Arch supporting shoe. 2,134,221; Oct. 25.

Walker, Gilbert T., assignor to Thomas Walker Limited, Birmingham, England. Fastening device for truss and other bands. 2,134,383; Oct. 25.

Walker, Thomas, Limited. (See Walker, Gilbert T., assignor.)

Walsh, Richard, and O. R. Sandstrom, assignors of one-third to A. F. Jayne, Crystal Falls, Mich. Lavatory ventilator. 2,134,629; Oct. 25.

Walters, Gustav, assignor to The Russell Manufacturing Company, Middletown, Conn. Woven wick for oil burners and the like. 2,134,424; Oct. 25.

Warner & Swasey Company, The. (See Bogart, Fred H., assignor.)

Watson, James B., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Lubricating system with two pumps. 2,134,161; Oct. 25.

Webb, Nelson W., assignor to Eastwood-Nealley Corporation, Belleville, N. J. Woven wire fabric for dandy rolls, cylinder molds, or the like, for paper making machines. 2,134,293; Oct. 25.

Weiland, Alfred, Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Condensate disposal means for air conditioning apparatus. 2,134,349; Oct. 25.

Weiss, Arthur J., River Edge Manor, N. J., assignor to Robert Gair Company, Inc., New York, N. Y. Pouring aperture carton. 2,134,162; Oct. 25.

Wellman Seaver Rolling Mill Company. (See McLay, Gavin S., assignor.)

Wentworth, Hartley A., Saint Andrews, New Brunswick, Canada. Preparing fish liver oils. 2,134,163; Oct. 25.

Wescott, William B., Dover, Mass., assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Planographic printing plate. 2,134,165; Oct. 25.

West, Maud E., Middletown, Conn. Sleeve pocket structure. 2,134,425; Oct. 25.

Western Electric Company. (See MacLagan, Allan R., assignor.)

Western Electric Company. (See Merwin, Harry H., assignor.)

Western Electric Company. (See Parker, Douglas S., assignor.)

Western Electric Company. (See Price, S., Hummel, and Bureau, assignors.)

Westinghouse Electric & Manufacturing Company. (See Aalborg, Christian, assignor.)

Westinghouse Electric & Manufacturing Company. (See Alsing, Carl F., assignor.)

Westinghouse Electric & Manufacturing Company. (See Ashbaugh, John H., assignor.)

Westinghouse Electric & Manufacturing Company. (See Austin, Bascum O., assignor.)

Westinghouse Electric & Manufacturing Company. (See Buchanan, Leslie B. M., assignor.)

Westinghouse Electric & Manufacturing Company. (See Ehret, Emil, assignor.)

Westinghouse Electric & Manufacturing Company. (See Hague, F. T., and Davis, assignors.)

Westinghouse Electric & Manufacturing Company. (See Harshberger, Fred A., assignor.)

Westinghouse Electric & Manufacturing Company. (See Hellmund, Rudolph E., assignor.)

Westinghouse Electric & Manufacturing Company. (See Kalischer, Milton, assignor.)

Westinghouse Electric & Manufacturing Company. (See Kerr, Henry H., assignor.)

Westinghouse Electric & Manufacturing Company. (See Keyes, J. J., and Brace, assignors.)

Westinghouse Electric & Manufacturing Company. (See Lee, Reuben, assignor.)

Westinghouse Electric & Manufacturing Company. (See Lehnherr, June L., assignor.)

Westinghouse Electric & Manufacturing Company. (See Leonard, Merrill G., assignor.)

Westinghouse Electric & Manufacturing Company. (See Lingal, H. J., and Crabbs, assignors.)

Westinghouse Electric & Manufacturing Company. (See MacDonald, H. G., and Boden, assignors.)

Westinghouse Electric & Manufacturing Company. (See McCloy, Graham S., assignor.)

Westinghouse Electric & Manufacturing Company. (See Philpott, L. R., and Haller, assignors.)

Westinghouse Electric & Manufacturing Company. (See Rose, Herbert A., assignor.)

Westinghouse Electric & Manufacturing Company. (See Sandin, Jerome, assignor.)

Westinghouse Electric & Manufacturing Company. (See Shoemaker, Malcolm G., assignor.)

Westinghouse Electric & Manufacturing Company. (See Stoddard, R. N., and Vedder, assignors.)

Westinghouse Electric & Manufacturing Company. (See Van Sciver, W. M., and Ridge, assignors.)

Westinghouse Electric & Manufacturing Company. (See Vaughan, V. G., and Clark, assignors.)

Westinghouse Electric & Manufacturing Company. (See Wulsten, Kurt, assignor.)

Whipple, Jack V., assignor to United States Gauge Company, Sellersville, Pa. Brake tester. 2,134,092; Oct. 25.

White, Jack F., London, England, assignor, by mesne assignments, to Martin-White of America, Inc., New York, N. Y. Garment. 2,134,630; Oct. 25.

White, Samuel O., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Blocker synchronizer. 2,134,384; Oct. 25.

Whitehead, Frederick A., assignor to Copperweld Steel Company, Glassport, Pa. Method and apparatus for rolling bimetallic articles. 2,134,014; Oct. 25.

Whitehead Stamping Company. (See Zink, Fred W., assignor.)

Whitehead, William A. (See Quick, C. G., Ball, and Whitehead.)

Wickersham, Don P., and K. O. Waldvogel, assignors to The Johnson Manufacturing Company, Urbana, Ohio. Hygrometer. 2,134,067; Oct. 25.

Wideman, Mervin, Brooklyn, N. Y. Hair waving device. 2,134,592; Oct. 25.

Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Container. 2,134,166; Oct. 25.

Will, Carl H., and H. W. Fink, assignors to Tropic-Aire, Incorporated, Minneapolis, Minn. Automobile heater. 2,134,648; Oct. 25.

Will, Carl H., and H. W. Fink, assignors to Tropic-Aire, Incorporated, Minneapolis, Minn. Automobile heater. 2,134,649; Oct. 25.

Williams, Colman J., assignor of two-thirds to W. Thomason and S. H. Stone, Pampa, Tex. Reflection spotting board. 2,134,650; Oct. 25.

Williams, Hollie C., Cleveland, Ohio, assignor to American Telephone and Telegraph Company. Start-stop printing telegraph system. 2,134,068; Oct. 25.

Williams, Robert R., Roselle, N. J., assignor to Research Corporation, New York, N. Y. Thiazole compounds. 2,134,015; Oct. 25.

Wingfoot Corporation. (See Calvert, William C., assignor.)

Winslow, Charles A., Oakland, Calif. Filter mechanism. 2,134,385; Oct. 25.

Winterstein, Helene, née Vierthaler, Vienna, Austria. Face paint base. 2,134,494; Oct. 25.

Winthrop Chemical Company. (See Brodersen, K., and Quaedvlieg, assignors.)

Wise, Samuel G., Scarsdale, N. Y. Waterless gasholder. 2,134,167; Oct. 25.

Wolf, Martin B., St. Catharine's, Ontario, Canada, assignor to Thompson Products, Incorporated, Cleveland, Ohio. Drop forging die structure. 2,134,386; Oct. 25.

Wolkin, Morris, New York, N. Y. Yarn measuring device. 2,134,271; Oct. 25.

Wood, Walter A., Jackson Heights, N. Y. Directional control of vehicles. 2,134,426; Oct. 25.

Woodall, Herbert J., and M. S. Randall, assignors to Woodall Industries Incorporated, Detroit, Mich. Laminated structure. 2,134,495; Oct. 25.

Woodall Industries Incorporated. (See Zinser, Paul R., and Randall, assignors.)

Woodall Inudstries Incorporated. (See Zinser, Paul R., assignor.)

Woolley, Rew E., Shaker Heights, Ohio, assignor to Bailey Meter Company. Combination bushing and clamp. 2,134,350; Oct. 25.

Wright, Ellen H. C., executrix. (See Wright, Joseph L.)

Wright, Joseph L., deceased, Forest Hills, Long Island, N. Y.; E. H. C. Wright, executrix, assignor to G. A. Auer, Chicago, Ill. Pay station. 2,134,168; Oct. 25.

Wright, Paul C., Bexley, Ohio. Blowtorch. 2,134,169; Oct. 25.

Wulsten, Kurt, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,134,593; Oct. 25.

Yerkes, Gabrielle M. P., Hartsdale, assignor to G. M. Poix, Inc., New York, N. Y. Brassière. 2,134,294; Oct. 25.

Yorston, James. (See Harley, H. H., and Yorston.)

Young, Lee E. (See Raymond, G., and Young.)

Z Pack Corporation. (See Zarotschenzeff, Mikail T., assignor.)

Zarotschenzeff, Mikail T., New York, N. Y., assignor to Z Pack Corporation. Preserving full dressed poultry. 2,134,295; Oct. 25.

Zellerbach Paper Company. (See McGrath, Leigh J., assignor.)

Zemba, John W. (See Coleman, G. H., and Zemba.)

Zimka, John, Chicago, and F. Miller, Highland Park, Ill. Reverted drive automotive vehicle. 2,134,387; Oct. 25.

Zimmerman, Charles H., Norwood, Ohio. Cutting tool. 2,134,069; Oct. 25.

Zink, Fred W., assignor to Whitehead Stamping Company, Detroit, Mich. Rear view mirror supporting means. 2,134,016; Oct. 25.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 25TH DAY OF OCTOBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Card for corn pads and the like. W. M. Scholl. Re. 20,899; Oct. 25.
Device for basketball games. A. A. Schabinger. Re. 20,898; Oct. 25.
Fabric, Multistrand spiral. C. E. Pink. Re. 20,897; Oct. 25.
Hearing device, Bone conduction. E. H. Greibach. Re. 20,896; Oct. 25.
Milling machine. H. W. Bartholemew. Re. 20,893; Oct. 25.
Paper, Shelf. F. A. Conrad. Re. 20,894; Oct. 25.
Steering gear for motor vehicles. J. G. Douglas. Re. 20,895; Oct. 25.
Traction-increasing device. J. B. Bambenek and D. C. Bambenek. Re. 20,892; Oct. 25.

LIST OF PLANT INVENTIONS

Rose. M. H. Horvath. 296–9; Oct. 25.

LIST OF DESIGN INVENTIONS

Advertising device. A. J. Bittson. 111,889; Oct. 25.
Advertising display figure or article of similar nature. C. A. Meyerowich. 111,909; Oct. 25.
Airplane. R. J. Woods. 111,885; Oct. 25.
Ball, Gear shift. F. M. Hoover. 111,881; Oct. 25.
Belt. J. L. Bibula. 111,888; Oct. 25.
Bench and tool cabinet, Combined work. T. O. Rueb. 111,860; Oct. 25.
Bottle vending machine. J. E. Hagstrom. 111,851; Oct. 25.
Bowl or like article, Fountain. M. Conner. 111,894; Oct. 25.
Cabinet for indexing and displaying locations on maps, Directory. W. Bushnell. 111,892; Oct. 25.
Case, Display. T. A. Schutz. 111,912; Oct. 25.
Case, Display. J. Tyler. 111,867; Oct. 25.
Case, Refrigerator display. J. Tyler. 111,868; Oct. 25.
Casing, Lubricator. R. P. Field. 111,895–7; Oct. 25.
Casing or the like, Vending machine. J. Tavis. 111,865; Oct. 25.
Casket. A. R. Christian. 111,846; Oct. 25.
Casket. C. Schwendler. 111,862; Oct. 25.
Casket shell. A. R. Christian. 111,847; Oct. 25.
Chair. K. F. Davis and J. J. Josephs. 111,906; Oct. 25.
Chair. D. Deskey. 111,850; Oct. 25.
Chair, hook, and lamp, Combined. J. B. Richardson. 111,911; Oct. 25.
Chessmen or similar articles. R. W. Danon. 111,848–9; Oct. 25.
Corn popping machine. I. H. Wilsey. 111,869; Oct. 25.
Direction indicator attachment for a golf club. F. Moreno. 111,855; Oct. 25.
Dress. I. Barsky. 111,914; Oct. 25.
Dress. E. M. Ciccone. 111,926; Oct. 25.
Dress. A. Cohen. 111,927–8; Oct. 25.
Dress. T. Coleman. 111,929; Oct. 25.
Dress. P. Fracchia. 111,915; Oct. 25.
Dress. H. Goldman. 111,916; Oct. 25.
Dress. E. Jocell. 111,931; Oct. 25.
Dress. M. Mascitelli. 111,932; Oct. 25.
Dress. E. Mast. 111,933; Oct. 25.
Dress. D. W. Price. 111,919; Oct. 25.
Dress. K. Rost. 111,939; Oct. 25.
Dress. I. Roth. 111,940; Oct. 25.
Dress. A. Samuels. 111,920–1; Oct. 25.
Dress. P. Schlessel. 111,922; Oct. 25.
Dress. D. Sennert. 111,923; Oct. 25.
Dress. A. L. Silverts. 111,942; Oct. 25.
Dress. W. Slepin. 111,924; Oct. 25.
Dress. M. Stone. 111,943; Oct. 25.
Dress. V. Tomshinsky. 111,944; Oct. 25.
Dress. S. Zahn. 111,925; Oct. 25.
Dress ensemble. B. Fried. 111,930; Oct. 25.
Dress ensemble. M. Michelson. 111,937; Oct. 25.
Dress ensemble. M. Reich. 111,938; Oct. 25.
Dress ensemble. M. Reich. 111,941; Oct. 25.
Fabric, Embroidered. I. Blumenthal. 111,871; Oct. 25.
Fabric or similar article, Textile. R. P. Cable. 111,872; Oct. 25.
Fabric or similar article, Textile. M. Turpan. 111,945; Oct. 25.
Fabric, Textile. G. Megibow. 111,934–6; Oct. 25.
Fabric, Textile. J. Morris. 111,946–7; Oct. 25.
Font of type. O. C. Goehring. 111,875; Oct. 25.
Frame, Mirror. H. Sabel. 111,861; Oct. 25.
Globe and stand, Combined. W. E. Johnson. 111,853; Oct. 25.
Handbag. L. J. Coblentz. 111,893; Oct. 25.
Heater. E. C. Booth. 111,891; Oct. 25.
Heel. A. Hurzeler. 111,852; Oct. 25.
Lamp. S. W. Rapp, Jr. 111,882; Oct. 25.
Lamp and supporting bracket, Combined. S. J. Zagel. 111,886; Oct. 25.
License plate, Vehicle. J. F. Williams. 111,884; Oct. 25.
Lyre for a piano. H. R. Heller. 111,879–80; Oct. 25.
Lyre for a piano. H. R. Heller. 111,904; Oct. 25.
Moistening device or similar article. H. B. Lermer. 111,908; Oct. 25.
Piano. H. R. Heller. 111,877; Oct. 25.
Piano. H. R. Heller. 111,898–900; Oct. 25.
Putting game device. F. W. Preece. 111,910; Oct. 25.
Puzzle. S. Hesse. 111,905; Oct. 25.
Rack, Display. W. R. Wright. 111,913; Oct. 25.
Rack, Piano music. H. R. Heller. 111,878; Oct. 25.
Rack, Piano music. H. R. Heller. 111,901–3; Oct. 25.
Reel, Mower. R. D. Clemson. 111,873; Oct. 25.
Screw driver and wrench, Combined. W. E. La Rue. 111,907; Oct. 25.
Scrubbing machine. J. A. Backlund. 111,887; Oct. 25.
Shoe or similar article. A. Perugia. 111,856–8; Oct. 25.
Shoe or similar article. S. Troy. 111,866; Oct. 25.
Slide, Coaster. H. W. Hanna. 111,876; Oct. 25.
Slipper. I. Berman. 111,845; Oct. 25.
Spoon or similar article. G. L. Turner. 111,883; Oct. 25.
Suspender loop. O. E. Kratz. 111,854; Oct. 25.
Sweater. H. Boepple. 111,890; Oct. 25.
Tire. R. C. Peterson. 111,859; Oct. 25.
Tool, Pipe bending. J. D. Benfield. 111,870; Oct. 25.
Truck or similar article, Fire. J. F. Frazier. 111,874; Oct. 25.
Watchcase. J. Granat. 111,917–18; Oct. 25.
Watchcase. A. V. Stegeman, Jr. 111,863–4; Oct. 25.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 25TH DAY OF OCTOBER, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Accordion. E. Demianenko. 2,134,176; Oct. 25.
Acids, Hydroxy-sulphonic. W. Kern. 2,134,446; Oct. 25.
Acids of the dioxazine series and preparing them, Dyestuff-sulphonic. A. Brunner, H. Greune, M. Thiele, and K. Thiess. 2,134,505; Oct. 25.
Adhesive. H. C. Roller. 2,134,006; Oct. 25.
Advertising device, Portable. C. Guberan. 2,134,300; Oct. 25.
Aeroplane construction. J. H. Nickerson. 2,134,260; Oct. 25.
Air and gas, Mixing. S. P. Jones. 2,134,253; Oct. 25.
Air conditioning apparatus. W. D. Harper. 2,134,121; Oct. 25.
Air conditioning for vehicles. A. E. Dempsey, Jr. 2,134,107; Oct. 25.
Air conditioning system. M. F. May. 2,134,338; Oct. 25.
Air conditioning system, Adsorption. C. M. Ashley. 2,134,544; Oct. 25.
Air cooling and circulating device and process. W. L. Morrison. 2,134,003; Oct. 25.
Aircraft construction. H. G. Klemm and B. C. Boulton. 2,134,447; Oct. 25.
Aircraft landing system. F. J. Hooven. 2,134,126; Oct. 25.
Air distributing system, Railroad car. A. E. Stacey, Jr. 2,134,588; Oct. 25.
Air filter. C. A. Campbell. 2,134,601; Oct. 25.
Airplane flotation device. V. J. Hill, Jr., and H. E. Heigis. 2,134,653; Oct. 25.
Alkyl-phenyloxy-ethers of 2:4 dinitrobenzene, Manufacture of. T. L. Cantrell and J. O. Turner. 2,134,434; Oct. 25.
Alloy. E. G. Touceda. 2,134,423; Oct. 25.
Alloys, Corrosion resisting ferrous. J. A. Parsons, Jr. 2,134,670; Oct. 25.
Alloys, Manufacturing hard metal. R. Kieffer. 2,134,305; Oct. 25.
Amalgamator. W. A. Grant and E. F. Roach. 2,134,120; Oct. 25.
Amalgamator. A. B. Hill. 2,134,445; Oct. 25.
Amido derivatives, Metallo. S. Shappirio. 2,134,625; Oct. 25.
Ampule. D. F. Pincock. 2,134,145; Oct. 25.
Antenna tensioning device. H. Brübe. 2,134,027; Oct. 25.
Antiskid device. J. Gravina. 2,134,040; Oct. 25.
Apparatus for weighing material flowing in a continuous stream, Automatic. A. E. Page. 2,134,669; Oct. 25.
Article manufacture, Tubular. G. S. McLay. 2,134,620; Oct. 25.
Articles, Method and apparatus for rolling bimetallic. F. A. Whitehead. 2,134,014; Oct. 25.
Arvi-methyl ethers of B-methylcholine salts and their production. R. T. Major. 2,133,999; Oct. 25.
Automobile heater. C. H. Will and H. W. Fink. 2,134,648–9; Oct. 25.
Automobile or highway signal. J. C. Nordgran. 2,134,313; Oct. 25.
Automobile suspension system. I. Cabassa. 2,134,599; Oct. 25.
Axle press. C. C. Bennett. 2,134,501; Oct. 25.
Azo-dyestuffs and making same, Mordant. M. Müller and R. Ratti. 2,134,453; Oct. 25.
Bacteria conveying mechanism. S. R. Rosenthal. 2,134,378; Oct. 25.
Baffle construction. G. Raymond and L. E. Young. 2,134,203; Oct. 25.
Bag filling and closing machine. G. Long and E. B. Larsen. 2,134,567; Oct. 25.
Bag machine machine. A. Potdevin. 2,134,157; Oct. 25.
Baggage carrier, Automobile. G. H. Le Boeuf. 2,134,635; Oct. 25.
Ball construction, Inflatable playing. H. Goldsmith. 2,134,634; Oct. 25.
Band carrier selector system. F. K. Vreeland. 2,134,677; Oct. 25.
Bar: *See*—
Refrigerated back bar.
Barrel, Nonrefillable. H. L. Newton and H. Merker. 2,134,199; Oct. 25.
Base, Attachment plug. F. S. Regis. 2,134,204; Oct. 25.
Base, Incandescent electric lamp. G. N. Criger and L. R. Dehler. 2,134,472; Oct. 25.
Battery terminal connecter. R. E. Rowe. 2,134,623; Oct. 25.
Bearing. F. Pesarese. 2,134,621; Oct. 25.
Beauty appliance. R. Merkin. 2,134,640; Oct. 25.
Belt. R. S. Calnan. 2,134,600; Oct. 25.
Binder, Loose leaf. A. G. Lotter. 2,134,230–2; Oct. 25.
Binder, Loose leaf shift. W. E. Haskin. 2,134,122; Oct. 25.
Binding, Spiral. W. Grumbacher. 2,134,400; Oct. 25.
Bit: *See*—
Rotatable drill bit.
Bituminous surfacing, High tractive resistance. J. H. Conzelman. 2,134,357; Oct. 25.
Blind, Sun. A. L. Jones and D. K. Smith. 2,134,283; Oct. 25.
Blocker synchronizer. S. O. White. 2,134,384; Oct. 25.
Blowtorch. P. C. Wright. 2,134,169; Oct. 25.
Board: *See*—
Reflection spotting board.
Boat. G. M. Hoffman. 2,134,042; Oct. 25.
Bookkeeping device. A. Efron. 2,134,112; Oct. 25.
Book rack. A. Hackworth and A. S. Greive. 2,134,606; Oct. 25.
Boot for universal joints. S. Crossland. 2,134,358; Oct. 25.
Bottle Cap. A. E. Esposito. 2,134,178; Oct. 25.
Box: *See*—
Chick box. Meter box.
Journal box. Milk box.
Bracket. V. L. Vendope. 2,134,270; Oct. 25.
Brake. C. S. Bragg and V. W. Kilesrath 2,134,502; Oct. 25.
Brake. F. C. Frank. 2,134,509; Oct. 25.
Brake. P. E. Hall. 2,134,512; Oct. 25.
Brake L. N. Lauer. 2,134,564; Oct. 25.
Brake for sleds and jumpers. J. M. Simmons. 2,134,587; Oct. 25.
Brake tester. J. V. Whipple. 2,134,092; Oct. 25.
Brassière. G. M. P. Yerkes. 2,134,294; Oct. 25.
Braun tube. E. Schwartz. 2,134,267; Oct. 25.
Bread slicing machine. H. J. Criner. 2,134,105; Oct. 25.
Bread sticks, Making. W. H. Brooks. 2,134,026; Oct. 25.
Bridge score and contract indicator. B. H. Gibbs. 2,134,039; Oct. 25.
Bucket, Concrete convexing. F. B. Ray. 2,134,643; Oct. 25.
Bulldozer. G. S. Allin and T. P. Flynn. 2,134,019; Oct. 25.
Bumper, Automobile. H. G. Thunder. 2,134,422; Oct. 25.
Bumping extension. C. Drude. 2,134,108; Oct. 25.
Burner. R. S. Coulter and A. F. Schumann. 2,134,471; Oct. 25.
Burner control. J. Eaton. 2,134,550; Oct. 25.
Bushing and clamp, Combination. R. E. Woolley. 2,134,350; Oct. 25.
Button positioning mechanism. O. J. Huelster. 2,134,404; Oct. 25.
Cable connecter. N. A. Tornblom. 2,134,655; Oct. 25.
Cable terminal. W. J. Buehring. 2,134,395; Oct. 25.
Cadmium red, Making. W. F. Meister. 2,134,055; Oct. 25.
Calcium compounds, Manufacture of water-soluble. A. Stoll and E. Burckhardt. 2,134,456; Oct. 25.
Calculator, Listing. L. P. Crosman. 2,134,280; Oct. 25.
Calendar. J. Grantham. 2,134,183; Oct. 25.
Camera shutter mechanism, Focal-plane. A. C. Mayo and J. Terrett. 2,134,309; Oct. 25.
Camera with focal-plane shutter. A. C. Mayo. 2,134,307; Oct. 25.
Cap: *See*—
Bottle cap.
Capsule, Collapsible dispensing. R. P. Scherer. 2,134,489; Oct. 25.
Car: *See*—
Railway car.
Car structure. W. M. Sheehan. 2,134,211; Oct. 25.
Carbon black, Producing. C. G. Keeton. 2,134,228; Oct. 25.
Carburetor. W. E. Leibing. 2,134,667; Oct. 25.
Carburetor structure. L. D. Boyce. 2,134,354; Oct. 25.
Carrier: *See*—
Baggage carrier. Necktie carrier.
Carton or article carrier.
Carton construction. H. C. Bloomer. 2,133,946; Oct. 25.
Carton or article carrier. W. E. Turner. 2,134,627; Oct. 25.
Carton, Pouring aperture. A. J. Weiss. 2,134,162; Oct. 25.
Casings, Method and apparatus for suspending and sealing well. B. S. Minor and O. B. Kibele. 2,134,311; Oct. 25.
Catch, Hood. A. Claud-Mantle. 2,134,137; Oct. 25.
Cathodes, Manufacture of oxide coated. I. Patai. 2,134,415; Oct. 25.
Centering device for locomotive trucks. W. S. H. Hamilton and F. W. Butt. 2,134,443; Oct. 25.
Centrifugal pump. H. E. La Bour. 2,134,254–5; Oct. 25.
Chain sprocket, Self-oiling. C. W. Shartle, Jr. 2,134,490; Oct. 25.
Chair. W. R. McGowen. 2,134,639; Oct. 25.

Chair for supporting concrete reinforcing rods. F. D. Reiland. 2,134,533; Oct. 25.
Chemical heater composition. M. L. Spiegel. 2,134,455; Oct. 25.
Chemical process. R. W. Maxwell. 2,134,086; Oct. 25.
Chick box. J. S. Kirby. 2,134,051; Oct. 25.
Choke, Automatic. G. R. Sisson. 2,134,421; Oct. 25.
Choke for shotguns, Variable. W. H. Sedberry. 2,134,238; Oct. 25.
Chromium alloy steels, Gold plating. H. S. Lukens. 2,133,995; Oct. 25.
Circuit breaker. M. G. Leonard. 2,134,565; Oct. 25.
Circuit breaker. H. G. MacDonald and S. H. Boden. 2,134,569; Oct. 25.
Circuit breaker. K. Wulsten. 2,134,593; Oct. 25.
Circuit breaker, Electric. G. Dewar. 2,134,549; Oct. 25.
Circuit breaker, Electric. W. E. Paul. 2,134,572–3; Oct. 25.
Circuit breaker with overload trip. D. W. Johnson. 2,134,613; Oct. 25.
Circuits, Loudspeaker. O. H. Schade. 2,134,059; Oct. 25.
Circuits, Power supply. R. Lee. 2,134,522; Oct. 25
Clamp: *See*—
  Partition securing clamp
Clasp for garment supporters and the like. M. Brown. 2,134,224; Oct. 25.
Cleaner: *See*—
  Vacuum cleaner. Well cleaner.
Cleansing and lubrication. J. M. Cohen. 2,134,602; Oct. 25.
Closing means, especially for collapsible tubes, Making. P. Franz. 2,134,119; Oct. 25.
Closure for tank apertures. E. M. O'Donnell. 2,134,314; Oct. 25.
Cloth unwinder. M. Breth. 2,134,656; Oct. 25.
Clothesline, Pull-in. R. R. Robertson. 2,134,264; Oct. 25.
Clutch control mechanism. R. P. Breese. 2,134,503; Oct. 25.
Clutch control mechanism. V. W. Kliesrath. 2,134,520; Oct. 25.
Clutch control mechanism. H. W. and E. R. Price. 2,134,576; Oct. 25.
Clutch control mechanism. H. C. Roth and W. J. Andres. 2,134,534; Oct. 25.
Clutch for ironing machine mechanism. J. W. Rackiyeft. 2,134,202; Oct. 25.
Clutch mechanism for winding spindles. J. J. Keyes and P. H. Brace. 2,134,561; Oct. 25.
Coffee, Preparation of self-filtering ground. A. Roscher and F. von Herrenburger. 2,134,276; Oct. 25.
Coiling machine. E. S. Ellis. 2,134,036; Oct. 25.
Comb. C. A. Moore. 2,134,370; Oct. 25.
Commutator dresser. G. Schoenfeld. 2,134,151; Oct. 25.
Compound steam engine. H. and H. J. Lentz. 2,134,466; Oct. 25.
Compounds of the anthraquinone series. R. N. Lúdek. 2,134,654; Oct. 25.
Concrete, Producing plastic. A. W. French. 2,134,361; Oct. 25.
Condensate disposal means for air conditioning apparatus. A. Weiland. 2,134,349; Oct. 25.
Condenser: *See*
  Electrical condenser.
Condimentation products, Making. W. J. Stange. 2,134,380; Oct. 25.
Conduit, Fluid. M. L. Eckman. 2,134,110; Oct. 25.
Conduit, Oil. T. C. Pittman. 2,134,004; Oct. 25.
Conduits, Apparatus for cleansing. S. Uroukoff. 2,134,493; Oct. 25.
Connecter: *See*—
  Battery terminal connecter. Cable connecter.
Connecter. L. E. Brown. 2,134,170; Oct. 25.
Connection for endless chain mechanism. F. M. Blanchard. 2,134,222; Oct. 25.
Connection, Swivel electrical. A. E. Caldwell. 2,134,355; Oct. 25.
Connection, Unitary flush valve. J. J. Goodrie. 2,134,182; Oct. 25.
Container: *See*—
  Display container. Waterproof container.
  Shipping container.
Container. J. Biderman. 2,134,427; Oct. 25.
Container. L. L. Wilcox. 2,134,166; Oct. 25.
Container closure and lining composition. K. Tator. 2,134,217; Oct. 25.
Container for fluids, Leakproof. A. J. Kramer. 2,134,052; Oct. 25.
Control for refrigerating apparatus. L. B. M. Buchanan. 2,133,967; Oct. 25.
Control for two-temperature refrigerators. L. B. M. Buchanan. 2,133,955; Oct. 25.
Control for two-temperature refrigerators. F. A. Harshberger. 2,133,957; Oct. 25.
Control for two-temperature refrigerators. W. M. Van Sciver and R. J. Ridge. 2,133,968; Oct. 25.
Control mechanism for gas burners. G. A. and H. V. Guenther. 2,134,083; Oct. 25.
Control mechanism for windmill pumps, Automatic. J. B. Edgar. 2,134,111; Oct. 25.
Control of vehicles, Directional. W. A. Wood. 2,134,426; Oct. 25.
Control system. H. Heymann. 2,134,514; Oct. 25.
Control system and apparatus, Selective. L. M. Potts. 2,134,005; Oct. 25.
Controlling device. J. I. Hulshizer. 2,134,405; Oct. 25.
Controlling device. W. A. Smith, Jr. 2,134,420; Oct. 25.
Conveyer. D. S. Parker. 2,134,373; Oct. 25.
Cooker combination, Master. I. Rečić. 2,134,377; Oct. 25.
Copying apparatus. R. H. Draeger. 2,133,978; Oct. 25.
Coupling: *See*—
  Vehicle drive coupling.
Cover: *See*—
  Spool cover. Tire cover.
Cover for shoe lasts, Protective. J. H. Vegessy. 2,134,220; Oct. 25.
Cover for shoes, Protective. C. Miller. 2,134,196; Oct. 25.
Covering and making the same, Shoe heel. B. F. Convy. 2,134,632; Oct. 25.
Cream separating device. E. Scheemaeker. 2,134,090; Oct. 25.
Creeper for tractor belts. E. F. Junger. 2,134,559; Oct. 25.
Curing apparatus. B. S. Glougie. 2,134,364; Oct. 25.
Current apparatus for testing magnetizable materials, Alternating. W. Thal. 2,134,539; Oct. 25.
Current connection for oscillating fans, Flexible. C. G. Green. 2,133,985; Oct. 25.
Current flow, Interrupting. N. J. Conrad. 2,134,470; Oct. 25.
Current interrupter, Electric. H. Buchwald and E. Marx. 2,134,506; Oct. 25.
Current wave handling, Electric. H. R. Fowler. 2,133,980; Oct. 25.
Currents, Apparatus for measuring high-frequency alternating. J. Stanek. 2,134,589; Oct. 25.
Curtain. B. M. Talbot. 2,134,458; Oct. 25.
Curtain and shade holder, Combination. L. Farner and L. Ricci. 2,134,078; Oct. 25.
Curtain fixture structure. J. Schunk. 2,134,292; Oct. 25.
Curtain roll cutter. G. E. Hubbard. 2,134,332; Oct. 25.
Cut-out. N. A. Dey. 2,134,075; Oct. 25.
Cut-out device. H. J. Lingal and H. J. Crabbs. 2,134,566; Oct. 25.
Cut-out, Thermal. K. C. Beckett and S. I. Lindell. 2,133,945; Oct. 25.
Cutter: *See*—
  Curtain roll cutter.
Cutter blade and mounting therefor, Inserted. F. P. Miller. 2,134,140; Oct. 25.
Cutting machine. L. Brown. 2,134,171; Oct. 25.
Cutting machine for bricks or the like, Automatic. L. Poussel. 2,134,374; Oct. 25.
Cutting tool. C. H. Zimmerman. 2,134,069; Oct. 25.
Cycle control device, One. L. Trapp. 2,134,218; Oct. 25.
Declutching mechanism. V. W. Kliesrath and R. S. Sanford. 2,134,519; Oct. 25.
Deep well pump, Compressed air. J. E. Lacy. 2,134,465; Oct. 25.
Delivery mechanism for use with printing machines. C. G. Quick, D. A. Ball, and W. A. Whitehead. 2,134,532; Oct. 25.
Delivery recorder reset. W. L. Marden. 2,134,525; Oct. 25.
Derivatives of pentahydroxy fuchsone and production. Etherified. Z. Földi. 2,134,247; Oct. 25.
Detector for stop motion mechanism in winding machines. E. R. Alderman. 2,134,018; Oct. 25.
Device for conditioning and sharpening implements. R. T. McDonald. 2,134,339; Oct. 25.
Device for displaying a license plate. S. P. Andelenis. 2,134,594; Oct. 25.
Device for holding perforated records in shingled relationship. R. H. Ellis. 2,134,177; Oct. 25.
Device for varying the strength of the type impression in typewriting office machines. A. Salzberger. 2,134,343; Oct. 25.
Die structure, Drop forging. M. B. Wolf. 2,134,386; Oct. 25.
Dipping machine for producing seamless articles from substances in solution. A. Boecler. 2,133,947; Oct. 25.
Diseases, Apparatus for treating vascular. C. Sauzedde. 2,134,646; Oct. 25.
Dispenser: *See*—
  Fluid drip dispenser.
Display container. H. M. Lewis and J. C. Barnhardt. 2,134,636; Oct. 25.
Display rack. C. T. Lundstrom and E. A. McLaughlin. 2,134,638; Oct. 25.
Distance determining system. W. Runge. 2,134,535; Oct. 25.
Door: *See*—
  Overhead door.
Door arrangement. J. L. Hearn. 2,134,123; Oct. 25.
Door for automobiles, Expansible. D. Levinson. 2,134,487; Oct. 25.
Drain-strip, Wound. L. Schwarzmayr. 2,134,152; Oct. 25.
Drive mechanism for graphic meters, Reroll. D. J. Angus. 2,134,391; Oct. 25.
Drive, Variable speed. G. W. von Hofe. 2,134,159; Oct. 25.
Drying apparatus. J. C. Rea. 2,134,147; Oct. 25.
Dyestuff and the manufacture thereof, Azo. P. Petitcolas and R. F. M. Sureau. 2,134,642; Oct. 25.

Dyestuffs and their production, Azo. A. H. Knight. 2,134,521; Oct. 25.
Dyestuffs, Monoazo. R. Fleischhauer. 2,134,038; Oct. 25.
Dyestuffs, Pyrazolone azo. G. H. Ellis. 2,134,035; Oct. 25.
Earpiece, Telephone. E. Hausdorf. 2,134,084; Oct. 25.
Edge buffing wheel. L. G. Sommers. 2,134,676; Oct. 25.
Electric incandescent lamp. E. B. Pinkle. 2,134,574; Oct. 25.
Electric fixture. F. J. Hines. 2,134,402; Oct. 25.
Electric plug lifter. J. J. Sheeran. 2,134,345; Oct. 25.
Electric switch. C. T. Evans and H. E. Heller. 2,134,179; Oct. 25.
Electric switch. A. C. Gaynor. 2,134,633; Oct. 25.
Electric switch. F. J. Russell. 2,134,207; Oct. 25.
Electric system. J. L. Creveling. 2,133,975–6; Oct. 25.
Electrical apparatus. H. H. Kerr. 2,134,560; Oct. 25.
Electrical condenser. V. Bush. 2,134,273; Oct. 25.
Electrical control or regulating system. B. W. Jones. 2,134,517; Oct. 25.
Electrode and making same. M. Christensen, G. H. Plaine, J. E. Trainer, and J. C. Hodge. 2,133,970; Oct. 25.
Electrode for mercury devices. S. S. Green. 2,133,986; Oct. 25.
Electrode system. A. Pfitzer. 2,134,577; Oct. 25.
Electromagnetic relay. G. B. Knös. 2,134,448; Oct. 25.
Electron discharge device. J. L. H. Jonker. 2,134,407; Oct. 25.
Elevator for typographical machines, Second. C. E. Murray. 2,134,668; Oct. 25.
Energizing system for discharge tubes. E. G. Dorgelo. 2,134,439; Oct. 25.
Engine: *See*—
  Compound steam engine. Internal combustion engine.
  External combustion engine.
Engine ignition system. A. A. Linsell. 2,134,053; Oct. 25.
Engines, Controlling the cooling system of internal combustion. J. Flamm. 2,134,662; Oct. 25.
Engines to suction motors, Connecting internal combustion. F. H. Stroup. 2,134,215; Oct. 25.
Envelope machine. E. C. Sauerman. 2,134,379; Oct. 25.
Esterification process. J. Stein. 2,134,537; Oct. 25.
Esters, Making phenolic. O. A. Cherry. 2,134,388; Oct. 25.
Exercising device. N. Mogren. 2,134,451; Oct. 25.
Exhaust detector for stop motion mechanism in winding machines. E. R. Alderman. 2,134,017; Oct. 25.
External combustion engine. R. A. Jones. 2,134,334; Oct. 25.
Extracts, Producing and refining organ. P. Laland and A. Klem. 2,134,256; Oct. 25.
Fabric for dandy rolls, cylinder molds, or the like, for paper making machines, Woven wire. N. W. Webb. 2,134,293; Oct. 25.
Fastener. P. E. Fenton. 2,134,037; Oct. 25.
Fastening, Belt. W. Jones. 2,134,304; Oct. 25.
Fastening device for truss and other bands. G. T. Walker. 2,134,383; Oct. 25.
Fastening mechanism. H. J. Sharp. 2,134,008; Oct. 25.
Feeder for sewing machines of the supporting arm type, Differential material. F. Ebert. 2,134,329; Oct. 25.
Fender and bumper for vehicles, Resilient. G. Galwey. 2,133,982; Oct. 25.
Fiber picker. M. Mudrick. 2,134,312; Oct. 25.
Fibers, Manufacture of artificial staple. O. F. von Kohorn zu Kornegg. 2,134,160; Oct. 25.
Fibrous product and making the same, Synthetic. G. H. Ellis. 2,134,659; Oct. 25.
Field winding for unipolar generators. F. T. Hague and F. R. J. Davis. 2,134,510; Oct. 25.
Film, Apparatus for printing motion picture color. R. T. and T. A. Kilman. 2,134,483; Oct. 25.
Film cut-out. L. J. Barwood. 2,134,392; Oct. 25.
Film, High speed infrared. W. Barth and H. H. Duerr. 2,134,546; Oct. 25.
Films, Apparatus for manufacturing rubber hydrochloride. W. C. Calvert. 2,134,172; Oct. 25.
Filter: *See*—
  Wave filter.
Filter. A. G. Thomas. 2,134,061; Oct. 25.
Filter and method of operation. R. D. Elliott. 2,134,114; Oct. 25.
Filter assembly. A. Munoz. 2,134,413; Oct. 25.
Filter mechanism. C. A. Winslow. 2,134,385; Oct. 25.
Fish lure. J. W. Harvey. 2,134,401; Oct. 25.
Fishing reel. W. G. Balz. 2,134,099; Oct. 25.
Flat head plug. L. Fink. 2,134,330; Oct. 25.
Floor duct. I. A. Bennett. 2,134,393; Oct. 25.
Flotation apparatus. M. Kraut. 2,134,410; Oct. 25.
Flow control system, Compensated. M. M. Borden. 2,134,597; Oct. 25.
Flow restrictor. C. F. Aisling. 2,134,542; Oct. 25.
Fluid drip dispenser. F. W. Storck. 2,134,214; Oct. 25.
Fluid translating apparatus. E. Ehret. 2,134,077; Oct. 25.
Footwear. E. Calvin. 2,134,173; Oct. 25.
Freezer, Ice cream. H. F. Swenson. 2,134,268; Oct. 25.
Friction material, Producing metal bonded. H. D. Geyer, A. H. Flower, and D. M. Phillippi. 2,134,181; Oct. 25.
Fruit marking apparatus. H. A. Hamm. 2,134,041; Oct. 25.
Fruit packing device. E. E. Chewning. 2,134,437; Oct. 25.
Fruits, Preserving. R. E. Schaefle. 2,134,060; Oct. 25.
Frying apparatus. J. L. Shroyer. 2,134,675; Oct. 25.
Fuse cut-out. J. Sandin. 2,134,583; Oct. 25.
Fuse, Electrical. J. L. Lehnherr. 2,134,523; Oct. 25.
Game apparatus. J. M. Fusco. 2,134,461; Oct. 25.
Game apparatus. L. M. Hansen. 2,134,185; Oct. 25.
Garment. J. F. White. 2,134,630; Oct. 25.
Gas of high calorific power, Production of a. F. Danuiat. 2,134,548; Oct. 25.
Gas or vapor discharge spaces, Igniting. G. Mierdel. 2,134,527; Oct. 25.
Gas producers, Updraft. W. M. Telford. 2,134,492; Oct. 25.
Gas trap. W. C. Kimbrough. 2,134,050; Oct. 25.
Gases, Purifying. H. B. Cooke. 2,134,507; Oct. 25.
Gasholder, Waterless. S. G. Wise. 2,134,167; Oct. 25.
Gasket. F. L. Haushalter. 2,134,302; Oct. 25.
Gauge. H. Hierta. 2,134,189; Oct. 25.
Gauge. H. James. 2,134,516; Oct. 25.
Gauge. T. A. Olson. 2,134,372; Oct. 25.
Gauge. N. Trbojevich. 2,134,062; Oct. 25.
Gauge for cylinders and the like, Internal. H. P. Phillips. 2,134,262; Oct. 25.
Gear: *See*—
  Steering gear.
  Variable speed friction gear.
Gear pump. L. Seyvertsen. 2,134,153; Oct. 25.
Gear transmission. W. F. Eckert. 2,134,109; Oct. 25.
Gearing, Change speed. J. M. Hall and H. E. Tucker. 2,133,987; Oct. 25.
Generator: *See*—
  Unipolar generator. Vapor generator.
Gold plating. J. E. Underwood. 2,133,996; Oct. 25.
Governor for internal combustion engines, Speed. J. C. State and R. A. Mairson. 2,134,156; Oct. 25.
Grain elevator mechanism. W. A. Hale. 2,134,365; Oct. 25.
Grass plot foundation. E. L. Savage. 2,134,647; Oct. 25.
Grease pump. O. A. Peterson. 2,134,622; Oct. 25.
Grid for refrigerators, Ice. J. B. Herdlein. 2,134,085; Oct. 25.
Guard for electric mixing machines, Splash. B. M. Oswell. 2,134,261; Oct. 25.
Guard, Weather. H. O. Hendriksen. 2,134,477; Oct. 25.
Gutter, Sap collecting. W. W. Denton. 2,134,327; Oct. 25.
Hair waving apparatus. R. G. Leland. 2,134,485–6; Oct. 25.
Hair waving device. M. Wideman. 2,134,592; Oct. 25.
Handkerchiefs, Apparatus for ironing. J. F. and M. F. Huebsch. 2,134,252; Oct. 25.
Handle securing structure. M. B. Andrie. 2,134,096; Oct. 25.
Harrow, Side. J. H. Hudson. 2,134,611; Oct. 25.
Hat. J. Cavanagh. 2,134,274; Oct. 25.
Heat exchanger. K. B. Ris. 2,134,058; Oct. 25.
Heat insulation. J. H. Plummer. 2,134,340; Oct. 25.
Heater: *See*—
  Automobile heater. Oil-bearing sand heater.
Heating and cooling system for self propelled vehicles. C. Haywood. 2,134,188; Oct. 25.
High tension discharge tube. J. H van der Tuuk. 2,134,348; Oct. 25.
Holder: *See*—
  Curtain and shade holder. Tack holder.
  Protective cigarette holder.
Humidity control for refrigerators. M. Kalischer. 2,133,958; Oct. 25.
Hydraulic apparatus. G. J. Russell. 2,134,673; Oct. 25.
Hydrocarbon vapor and air mixing device. L. T. Barnes. 2,134,021; Oct. 25.
Hydrocarbons, Manufacture of gasolinelike. H. B. Cooke. 2,134,325; Oct. 25.
Hydrocarbons, more particularly crude benzole, crude benzine, and crack benzine, Purifying crude. K. Süsselbeck. 2,134,241; Oct. 25.
Hydrocarbons to remove sulphur compounds, Treatment of. P. C. Keith, Jr. 2,134,518; Oct. 25.
Hydrocarbons, Treatment of. H. V. Atwell. 2,134,322; Oct. 25.
Hygrometer. D. P. Wickersham and K. O. Waldvogel. 2,134,167; Oct. 25.
Illumination. E. F. Siblert. 2,134,491; Oct. 25.
Impulse transmitter. E. Shipton and O. D. Kennedy. 2,134,626; Oct. 25.
Indexing mechanism. A. H. Orcutt and R. J. Bullows. 2,134,234; Oct. 25.
Indicator: *See*—
  Bridge score and contract indicator.
Inhalant. F. O. Taylor and H. M. Merker. 2,134,463; Oct. 25.
Insecticide. W. F. Hester. 2,134,556; Oct. 25.
Insects, Combating. K. Brodersen and M. Qunedvlieg. 2,134,504; Oct. 25.
Insulating and sealing means for evacuated devices. E. J. Remscheid. 2,134,578; Oct. 25.
Insulation, Low temperature. G. Slayter. 2,134,009; Oct. 25.
Internal combustion engine. A. L. Reeves. 2,134,236; Oct. 25.

Internal combustion engine, Two-stroke. P. F. Kipfer. 2,134,285–6; Oct. 25.
Ironing table. B. Bryan. 2,134,431; Oct. 25.
Jack: *See*—
Surface rod line jack.
Jet device (injector or ejector). A. van den Honert. 2,134,460; Oct. 25.
Jewelry. J. Silver. 2,134,586; Oct. 25.
Jig, Ore dressing. H. H. Smith. 2,134,154; Oct. 25.
Joint: *See*—
Rail joint. Universal joint.
Lamp: *See*—
Electric incandescent lamp. Vehicle head lamp.
Joint for artificial limbs, Hinge. J. J. McCann. 2,134,288; Oct. 25.
Journal box. D. S. Barrows. 2,134,499; Oct. 25.
Justifying apparatus, Automatic. A. F. Colton. 2,133,973; Oct. 25.
Kite. R. P. Holland, Jr. 2,134,403; Oct. 25.
Kite. H. J. Irvin. 2,134,282; Oct. 25.
Knitting device. E. Van Ness. 2,134,066; Oct. 25.
Knitting method and machine. H. E. Houseman. 2,134,480; Oct. 25.
Knitting method and machine. W. L. Houseman. 2,134,479; Oct. 25.
Laminated structure. H. J. Woodall and M. S. Randall. 2,134,495; Oct. 25.
Last for orthopedic shoes. P. Schwenker. 2,134,209; Oct. 25.
Lasting machine. J. W. Barna. 2,133,942; Oct. 25.
Lasting machine. W. T. B. Roberts. 2,134,148; Oct. 25.
Latch: *See*—
Vehicle door latch.
Lens, Ophthalmic. M. A. Laabs. 2,133,994; Oct. 25.
Level of liquid in a bore hole, Apparatus for exploring the. S. A. Scherbatskoy and J. Neufeld. 2,134,428; Oct. 25.
Leveler. R. H. Harsh. 2,134,444; Oct. 25.
Lifter: *See*—
Electric plug lifter.
Light advertising device. W. Schmidt. 2,134,150; Oct. 25.
Light projecting device. W. L. Enfield. 2,134,551; Oct. 25.
Lighter, Combined cigarette and pipe. J. R. Powell. 2,134,462; Oct. 25.
Lining, especially of highly heated metallurgical furnaces and particularly to linings of furnace gas ports, Furnace. J. Godenne. 2,134,248; Oct. 25.
Liquid from sealed metal cans, Dispensing. A. G. Hopkins. 2,134,127; Oct. 25.
Liquid level indicating device. C. O. Cressy. 2,134,104; Oct. 25.
Liquid tank. J. and P. J. Billig. 2,134,678; Oct. 25.
Lithopone and making same. K. S. Mowlds. 2,134,198; Oct. 25.
Loading machine. E. B. Royle. 2,134,582; Oct. 25.
Lock. A. R. MacLagan. 2,134,368; Oct. 25.
Logging equipment. K. Berger. 2,134,243; Oct. 25.
Loom. C. L. Hoff. 2,134,125; Oct. 25.
Loudspeaker, Electrodynamic. F. Ulrich and A. Schaaf. 2,134,064; Oct. 25.
Lubricant. T. L. Cantrell and J. O. Turner. 2,134,432; Oct. 25.
Lubricant. L. P. Grobel. 2,134,554; Oct. 25.
Lubricating system with two pumps. J. B. Watson. 2,134,161; Oct. 25.
Lubrication. A. W. Lewis. 2,134,306; Oct. 25.
Lubrication, Extreme pressure. T. L. Cantrell and J. O. Turner. 2,134,436; Oct. 25.
Lubrication, Turbine. T. L. Cantrell and J. O. Turner. 2,134,435; Oct. 25.
Machine for emplacing expansion joints and dowel bars. E. Mundt. 2,134,641; Oct. 25.
Machine for finishing spherical surfaces. A. C. Secor. 2,134,210; Oct. 25.
Machine for making cigarettes. H. J. Barker. 2,134,353; Oct. 25.
Machine for popping popcorn and vending the same. L. K. Obdyke. 2,134,088; Oct. 25.
Machine for the manufacture of blown glass articles of great capacity. E. Roirant. 2,134,342; Oct. 25.
Maleic anhydric, Purification of. E. B. Punnett. 2,134,531; Oct. 25.
Marine carrier. C. J. Baer. 2,134,352; Oct. 25.
Marionette for narrow ware looms. F. W. Preston. 2,134,201; Oct. 25.
Massage device. J. N. Landau. 2,134,133; Oct. 25.
Measuring and marking device. J. E. Martin. 2,134,195; Oct. 25.
Mechanical movement. L. P. Crosman. 2,134,603; Oct. 25.
Memorandum book. C. H. Manzler. 2,134,138; Oct. 25.
Metal, Bailing sheet. A. J. Phillips. 2,134,529; Oct. 25.
Metal objects, Apparatus for cleaning and coating elongated. J. M. Hilbish and J. K. McCahan. 2,134,557; Oct. 25.
Metal sheets, Production of. C. Hardy. 2,134,366; Oct. 25.
Metal treatment. M. D. Stone. 2,134,319; Oct. 25.
Metal treatment. U. C. Tainton. 2,134,457; Oct. 25.
Metalworking apparatus and method. J. J. McLaughlin. 2,134,526; Oct. 25.
Metals from metallic dust, Apparatus and process for melting out. K. R. Göhre. 2,134,605; Oct. 25.
Meter box. A. J. Allen. 2,133,944; Oct. 25.
Milk box. J. A. Hopwood. 2,134,251; Oct. 25.
Mirror supporting means, Rear view. F. W. Zink. 2,134,016; Oct. 25.
Modulator. G. L. Usselman. 2,134,065; Oct. 25.
Moldable compositions, Production of. F. Pollak. 2,134,235; Oct. 25.
Molten materials, Apparatus for the solidifying or casting of. J. L. Stecher. 2,134,091; Oct. 25.
Molybdenum, Alloying. A. Linz. 2,134,617; Oct. 25.
Molybdenum alloys, Producing. A. Linz. 2,134,616; Oct. 25.
Mop, Universal utility extension. C. F. Guggenbuehler. 2,134,301; Oct. 25.
Mothproofing agent. L. E. Mills and W. W. Allen. 2,134,001; Oct. 25.
Motor control system. B. O. Austin. 2,134,545; Oct. 25.
Mounting for dial gauges, Crystal and bezel. W. Ames. 2,134,093; Oct. 25.
Mower, Multiple rotary. P. J. Flammang. 2,134,115; Oct. 25.
Mowing machines, Seed saving attachment for. F. Sells. 2,134,239; Oct. 25.
Multiple element meter. W. H. Pratt. 2,134,575; Oct. 25.
Navigation of blind landing airplanes, Method and system for the vertical. P. E. Köster. 2,134,132; Oct. 25.
Necktie carrier. E. Sas. 2,134,645; Oct. 25.
Nitrogen, Fixation of. O. E. Roberts, Jr. 2,134,206; Oct. 25.
Numerical printing device. W. G. Brill. 2,134,223; Oct. 25.
Nut threading machine. J. J. McLaughlin. 2,134,619; Oct. 25.
Oil-bearing sand heater. C. C. Hogg. 2,134,610; Oct. 25.
Oil burning appliance. J. L. Breese, Jr. 2,134,297; Oct. 25.
Oil compositions, Insecticidal. W. H. Volck. 2,134,158; Oct. 25.
Oil, Dewaxing mineral. E. C. Knowles. 2,134,336–7; Oct. 25.
Oil extracting and grating apparatus, Citrus fruit. O. R. Hawkins. 2,134,608; Oct. 25.
Oil, Lubricating. T. L. Cantrell and J. O. Turner. 2,134,433; Oct. 25.
Oil penetration control, Spray. F. F. Lindstaedt. 2,134,136; Oct. 25.
Oils or fats, fatty acids, or the like, Device for the hydrogenation of vegetable or animal. E. Morlock. 2,134,571; Oct. 25.
Oils, Preparing fish liver. H. A. Wentworth. 2,134,163; Oct. 25.
Oils, Producing acid. B. S. Greensfelder, M. E. Spaght, and C. H. Britten. 2,134,390; Oct. 25.
Opener, Letter. T. Schmid, Jr., and A. Benson. 2,134,536; Oct. 25.
Operating mechanism for chucks. H. P. M. Forkardt. 2,134,227; Oct. 25.
Operating mechanism for machine tools. F. H. Bogart. 2,134,024; Oct. 25.
Ophthalmoscope. W. A. Arnesen. 2,134,279; Oct. 25.
Ores and the preparation of compounds therefrom, Treatment of lead bearing. T. A. Mitchell. 2,134,528; Oct. 25.
Ores, Concentrating. G. L. Collord. 2,134,103; Oct. 25.
Ores, Treating chromite. C. G. Maier. 2,133,998; Oct. 25.
Ores with gases, Contacting fine. C. G. Maier. 2,133,997; Oct. 25.
Ornament for light bulbs, Reflector. E. I. Clemence. 2,134,356; Oct. 25.
Oscillograph device. R. Andrieu. 2,134,094; Oct. 25.
Oven. D. D. Gillespie. 2,134,474; Oct. 25.
Overhead door. H. B. Clark. 2,134,397; Oct. 25.
Oxide catalyst, Vanadium. C. E. Andrews. 2,134,543; Oct. 25.
Package. S. Price, W. R. Hummel, and A. A. Bureau. 2,134,375; Oct. 25.
Packaging machine. E. S. Killian and L. Povlacs, Jr. 2,134,049; Oct. 25.
Packaging machine. P. Jost. 2,134,046; Oct. 25.
Packer head. W. M. Lafferty. 2,134,614; Oct. 25.
Packing, Dry graphite lubricated fabric. N. Brackett. 2,134,324; Oct. 25.
Packing for firearms, Breech. J. Hásek. 2,134,476; Oct. 25.
Packing with braided asbestos jacket, Plastic. F. E. Payne. 2,134,671; Oct. 25.
Pad folding machine. O. T. Thompson. 2,134,459; Oct. 25.
Paint base, Face. H. Winterstein née Vierthaler. 2,134,494; Oct. 25.
Paper roll support. W. Hoppe and F. B. Roberts. 2,134,043; Oct. 25.
Paper webs, Forming. W. R. Kellett. 2,134,408; Oct. 25.
Parachute. L. P. Frieder. 2,134,362; Oct. 25.
Partition, Hollow. A. V. Spinosa. 2,134,155; Oct. 25.
Partition securing clamp. M. Sigurdson. 2,134,212; Oct. 25.
Pay station. J. L. Wright. 2,134,168; Oct. 25.
Pen, Lettering. C. E. Bluhm. 2,134,296; Oct. 25.
Pencil. J. Mellner. 2,134,570; Oct. 25.
Pencil, Mechanical. J. P. Lynn. 2,134,568; Oct. 25.
Percolator. C. Holzwarth. 2,134,190; Oct. 25.

Percolator top. E. P. Seghers. 2,134,585; Oct. 25.
Peritoneal divider. J. E. Rosenfeld. 2,134,265; Oct. 25.
Petroleum phenolic material. H. E. Buc. 2,134,547; Oct. 25.
Phosphate conversion. J. W. Turrentine. 2,134,013; Oct. 25.
Photography or cinematography, Color. E. Sanders-Dolgoruki and J. H. Reindorp. 2,134,266; Oct. 25.
Piano. L. C. Kauling. 2,134,192; Oct. 25.
Pill dispensing device. J. B. Felber. 2,134,180; Oct. 25.
Pipe: *See*—
Smoking pipe.
Pipe construction, Play. W. B. Thompson. 2,134,347; Oct. 25.
Piston construction. C. Sauzedde. 2,134,584; Oct. 25.
Pitch propeller, Variable. W. W. Everts. 2,134,661; Oct. 25.
Planographic printing plate. W. B. Wescott. 2,134,165; Oct. 25.
Plant for and method of manufacturing metal castings. H. G. Floyd and W. L. Roueche. 2,134,117; Oct. 25.
Plant support. N. C. Wade. 2,134,242; Oct. 25.
Planter. D. C. Heitshu. 2,134,664; Oct. 25.
Planter, Corn. L. I. Jennings. 2,134,612; Oct. 25.
Plug: *See*—
Flat head plug. Self-holding plug.
Pocket structure, Sleeve. M. E. West. 2,134,425; Oct. 25.
Poultry, Preserving full dressed. M. T. Zarotschenzeff. 2,134,295; Oct. 25.
Pouring device. H. H. Ilich. 2,134,281; Oct. 25.
Powder dispensing device. H. C. Moore. 2,134,141; Oct. 25.
Power chamber. C. A. Christensen. 2,134,072; Oct. 25.
Power transmission. Motor vehicle. H. J. Mankoff. 2,134,258; Oct. 25.
Practice apparatus. F. H. Dickson. 2,134,328; Oct. 25.
Press: *See*—
Axle press.
Pressure regulator. R. W. Leutwiler and W. Eichholz. 2,134,257; Oct. 25.
Printing apparatus. K. R. Hoyt. 2,134,129; Oct. 25.
Printing element and making and using same. P. A. Frazier. 2,133,981; Oct. 25.
Propeller. M. D. Thompson. 2,134,157; Oct. 25.
Propeller, Adjustable. W. W. Everts. 2,134,660; Oct. 25.
Propelling device for vehicles. H. Dumont. 2,134,440; Oct. 25.
Protective cigarette holder. F. Skidmore. 2,134,213; Oct. 25.
Protective device for photographic cameras. A. C. Mayo. 2,134,308; Oct. 25.
Protector device for cigarettes in a package. H. J. Rock. 2,134,341; Oct. 25.
Pump: *See*—
Centrifugal pump. Gear pump.
Deep well pump. Rotary pump.
Pump. G. C. and D. E. Montgomery. 2,134,087; Oct. 25.
Pump for aircraft machinery. R. Saulnier. 2,134,237; Oct. 25.
Pump, syringe, and like appliance for surgical and medical and other purposes. H. H. Schulz. 2,134,290; Oct. 25.
Pumping apparatus. R. De La Mater. 2,134,326; Oct. 25.
Pyridine derivatives of barbituric acids. C. Raeth and R. Beganer. 2,134,672; Oct. 25.
Pyrophoric lighting mechanism. L. V. Aronson. 2,134,497; Oct. 25.
Quick coupling valve. W. V. Thompson. 2,134,382; Oct. 25.
Rack: *See*—
Display rack.
Radiator manufacture. J. Karmazin. 2,133,990; Oct. 25.
Radio repeater, High frequency. A. Alford. 2,134,278; Oct. 25.
Radio tuning apparatus. A. A. Thomas. 2,134,381; Oct. 25.
Rail fastening. C. M. Goodrich. 2,134,082; Oct. 25.
Rail joint. G. Langford. 2,134,449; Oct. 25.
Rail joint bars, Reforming. G. Langford. 2,134,450; Oct. 25.
Railway car. D. A. Crawford, A. E. McKinnon, and C. H. Apel. 2,134,032; Oct. 25.
Rain deflector. C. W. Mabey. 2,134,054; Oct. 25.
Rake, Hay. A. J. Synck. 2,134,269; Oct. 25.
Range, broiler, toaster, and oven, Combination. I. Ročić. 2,134,376; Oct. 25.
Range, Gas. J. E. Chambers. 2,134,029; Oct. 25.
Receiver. M. G. Crosby. 2,134,033; Oct. 25.
Receptacle: *See*—
Sealed receptacle. Tennis ball receptacle.
Receptacle. W. E. Amberg. 2,134,321; Oct. 25.
Record controlled machine. L. M. Keefe. 2,134,284; Oct. 25.
Recording instrument. R. M. Rowell. 2,134,581; Oct. 25.
Rectifier, Electric. E. Kipphan. 2,134,131; Oct. 25.
Rectifiers, Sectionalizing of sectional type. H. A. Rose. 2,134,580; Oct. 25.
Reel: *See*—
Finishing reel.
Reflection spotting board. C. J. Williams. 2,134,650; Oct. 25.
Refrigerated back bar. H. E. Sadler. 2,134,644; Oct. 25.
Refrigerating apparatus. J. C. Buchanan. 2,134,101; Oct. 25.
Refrigerating apparatus. L. B. M. Buchanan. 2,133,953–4; Oct. 25.
Refrigerating apparatus. L. B. M. Buchanan. 2,133,956; Oct. 25.
Refrigerating apparatus. L. B. M. Buchanan. 2,133,959; Oct. 25.
Refrigerating apparatus. L. B. M. Buchanan. 2,133,961; Oct. 25.
Refrigerating apparatus. L. B. M. Buchanan. 2,133,964; Oct. 25.
Refrigerating apparatus. L. H. Darbyshire, O. E. Norberg, and H. Morley. 2,134,106; Oct. 25.
Refrigerating apparatus. R. S. Gaugler. 2,134,552; Oct. 25.
Refrigerating apparatus. J. Karmazin. 2,134,665; Oct. 25.
Refrigerating apparatus. G. S. McCloy. 2,133,960; Oct. 25.
Refrigerating apparatus. G. C. Pearce. 2,134,056; Oct. 25.
Refrigerating apparatus. L. A. Philipp. 2,134,089; Oct. 25.
Refrigerating apparatus. M. G. Shoemaker. 2,133,962; Oct. 25.
Refrigerating apparatus and method. L. B. M. Buchanan. 2,133,950; Oct. 25.
Refrigerating apparatus and method. G. S. McCloy. 2,133,963; Oct. 25.
Refrigerating machines, Method and apparatus for controlling. L. B. M. Buchanan. 2,133,966; Oct. 25.
Refrigerating method and apparatus. L. B. M. Buchanan. 2,133,952; Oct. 25.
Refrigerating system. J. Kirgan. 2,134,409; Oct. 25.
Refrigeration. E. L. Schellens and W. I. Hamby. 2,134,149; Oct. 25.
Refrigeration apparatus. J. H. Ashbaugh. 2,133,951; Oct. 25.
Refrigeration apparatus. L. B. M. Buchanan. 2,133,948–9; Oct. 25.
Refrigeration apparatus. G. S. McCloy. 2,133,965; Oct. 25.
Regulator: *See*—
Pressure regulator.
Resinous reaction products of inner ethers and natural resin acids and making the same. R. M. Goepp, Jr. 2,134,430; Oct. 25.
Resinous esterification products of inner ethers and making same. K. R. Brown. 2,134,429; Oct. 25.
Retort. E. M. Blalock. 2,134,244; Oct. 25.
Reverted drive automobile vehicle. J. Zimka. 2,134,387; Oct. 25.
Rheostat. R. A. Beach. 2,134,323; Oct. 25.
Ringlet-forming implement for hair wavists. C. Chomette. 2,134,030; Oct. 25.
Road making machine. F. L. Carswell. 2,134,245; Oct. 25.
Roof flashing and retaining means therefor. W. H. C. Ness. 2,134,275; Oct. 25.
Roof structure and material. H. H. Doe. 2,134,034; Oct. 25.
Roofing and siding elements. N. P. Harshberger. 2,133,988; Oct. 25.
Rotary pump. E. W. Tilton. 2,134,219; Oct. 25.
Rotatable drill bit. C. B. Holt. 2,134,164; Oct. 25.
Rubber article and producing same, Hard. W. Hiemann. 2,134,124; Oct. 25.
Rubber, Preservation of. G. D. Martin. 2,134,139; Oct. 25.
Rubberlike product. H. G. Kittredge. 2,134,335; Oct. 25.
Safety device for motor vehicles. W. Long. 2,134,618; Oct. 25.
Safety device for power presses. F. W. Burgie and J. I. Kaul. 2,134,071; Oct. 25.
Safety indicator for guns, Illuminated. C. E. Jacobs. 2,134,406; Oct. 25.
Salts of aryl-substituted amino alcohols and their production. O. Dalmer and F. von Werder. 2,133,977; Oct. 25.
Saw, Adjustable swing. J. Hajicek. 2,134,555; Oct. 25.
Scooter. J. C. Ruzich. 2,134,318; Oct. 25.
Screen: *See*—
Shaker screen.
Screen and negative, Combined half-tone. L. Flader. 2,134,080; Oct. 25.
Screen plates, Making. W. Raisch. 2,134,146; Oct. 25.
Screen retaining unit. C. J. Nicholson. 2,134,454; Oct. 25.
Sealed receptacle. E. H. Fabrice. 2,134,359; Oct. 25.

Seat for vehicles, Adjustable. E. B. G. Lefevre. 2,134,135; Oct. 25.
Sedimentation tank. N. B. Lund. 2,134,524; Oct. 25.
Seed grading and cleaning apparatus. O. Sutter. 2,134,216; Oct. 25.
Self-holding plug. R. V. Green. 2,134,475; Oct. 25.
Separating apparatus. E. Cowles. 2,133,974; Oct. 25.
Sewing machine, Button. F. A. Reece and S. W. Avis. 2,134,417; Oct. 25.
Sewing machine, Lockstitch. N. V. Christensen and O. Quist. 2,134,652; Oct. 25.
Sewing machines, Attachment for. A. Soltan. 2,134,010; Oct. 25.
Shaft straightener. W. D. and J. R. Cohea. 2,134,073; Oct. 25.
Shafts, Semiautomatic means for positioning control. L. J. Leisuman. 2,134,194; Oct. 25.
Shaker conveyer. R. Moore. 2,134,452; Oct. 25.
Shaker screen. S. P. Sowder. 2,134,240; Oct. 25.
Shaver. H. Landsiedel. 2,134,134; Oct. 25.
Shaver, Electric. C. W. Hay. 2,134,609; Oct. 25.
Shaving cream, Brushless. W. Kritchevsky. 2,134,666; Oct. 25.
Sheet cutting and paneling machine. L. J. McGrath. 2,134,310; Oct. 25.
Sheet material ganging machine. W. J. Guyer. 2,134,184; Oct. 25.
Shipping container, Convertible. H. P. Hughes. 2,134,130; Oct. 25.
Shoe. M. H. Moore, Jr. 2,134,259; Oct. 25.
Shoe, Arch supporting. D. F. Walker. 2,134,221; Oct. 25.
Shovel tooth, Dipper. S. Seal. 2,134,344; Oct. 25.
Signal: *See*
Automobile or highway signal.
Signal system, Traffic. A. C. Boettger. 2,134,023; Oct. 25.
Signaling device, Automatic motor vehicle. M. C. Cosner. 2,134,299; Oct. 25.
Signature keying device. W. Kimmich. 2,134,562; Oct. 25.
Single-trigger device. F. T. Fahlen. 2,134,604; Oct. 25.
Slip. S. F. Bashara. 2,134,468; Oct. 25.
Slipproof fabric. O. Röhm, K. Schottenhammer, and E. Gröner. 2,134,579; Oct. 25.
Smoking pipe. N. F. Miller. 2,134,197; Oct. 25.
Snap switch. C. Aalborg. 2,134,541; Oct. 25.
Snow slide preventer. H. H. Royall. 2,134,624; Oct. 25.
Socket construction, Electric plug. N. Chirelstein. 2,134,074; Oct. 25.
Sole machine. W. N. Bray. 2,134,100; Oct. 25.
Sole, Metatarsal nonslip. W. C. Burns. 2,134,598; Oct. 25.
Solutions of ascorbic acid salts of histidine and manufacture of same, Stable. F. Elger. 2,134,246; Oct. 25.
SO_2 from waste gases, Recovering. H. F. Johnstone. 2,134,482; Oct. 25.
Sound transmission and reproduction, Method and apparatus for. J. Kalsey. 2,134,047; Oct. 25.
Sounding apparatus. H. L. Bredouw. 2,134,025; Oct. 25.
Spool cover. A. G. Hopkins. 2,134,128; Oct. 25.
Spout support for railway water columns. J. T. McGarry. 2,134,412; Oct. 25.
Spray, Household. G. H. Coleman and J. W. Zemba. 2,133,972; Oct. 25.
Sprayer. A. Goulard. 2,134,553; Oct. 25.
Spring assembly for upholstery. W. W. Gleason. 2,134,363; Oct. 25.
Spring assembly for upholstery. F. A. Nachman, Jr. 2,134,371; Oct. 25.
Spring forming device. C. R. Bergevin. 2,134,469; Oct. 25.
Steering gear. A. J. Dawson. 2,134,399; Oct. 25.
Steering wheel attachment. I. A. Anson. 2,134,020; Oct. 25.
Sterilizing apparatus and method. H. J. Babcock. 2,134,098; Oct. 25.
Stock quotation monitoring and automatic shelf selection system. C. T. Foss. 2,134,118; Oct. 25.
Stock weaner. C. E. Boldt. 2,134,596; Oct. 25.
Strand winding apparatus. H. H. Merwin. 2,134,369; Oct. 25.
Structural member, Composite. J. D. Sherman, C. S. Reed, and O. C. Currie. 2,134,674; Oct. 25.
Sulphur dioxide from waste gases, Removing. H. F. Johnstone. 2,134,481; Oct. 25.
Superheater. H. J. Kerr. 2,133,991; Oct. 25.
Support: *See*
Paper roll support. Plant support.
Support for the shaft of power-delivery belt-pulleys, Supplementary. J. Reid. 2,134,263; Oct. 25.
Surface rod line jack. C. L. Lamb. 2,134,615; Oct. 25.
Swatter, Fly. F. H. Klie. 2,134,193; Oct. 25.
Switch: *See*
Electric switch. Vehicle signaling switch.
Snap switch.
Switch device for automobile direction signals. H. J. Sauer. 2,134,289; Oct. 25.
Syringe. H. H. Schulz. 2,134,291; Oct. 25.
Syringe, Hypodermic. D. F. Pincock. 2,134,144; Oct. 25.
Table: *See*
Ironing table.
Tack holder. A. Hudiakoff. 2,134,367; Oct. 25.
Tag, Identification. H. L. Moat. 2,134,002; Oct. 25.
Tank: *See*
Liquid tank. Sedimentation tank.
Tank and the like. T. Aten. 2,134,651; Oct. 25.
Tanning apparatus. C. Kannel. 2,133,989; Oct. 25.
Tape marking machine, Signal storage. K. Höper. 2,134,303; Oct. 25.
Tapping apparatus. H. W. Ribble. 2,134,205; Oct. 25.
Target. J. P. Clark. 2,134,226; Oct. 25.
Telegraph system, Start-stop printing. H. C. Williams. 2,134,068; Oct. 25.
Telemetering device. H. E. Allen. 2,134,467; Oct. 25.
Teletypewriter system. J. A. Duncan. 2,134,076; Oct. 25.
Temperature control system, Automatic. R. E. Hellmund. 2,134,513; Oct. 25.
Tennis ball receptacle. W. Marx. 2,134,411; Oct. 25.
Thermal cut-out. H. A. Triplett and S. I. Lindell. 2,134,011; Oct. 25.
Thermal-motor protective device. V. G. Vaughan and E. K. Clark. 2,134,540; Oct. 25.
Thermostatic system, Reversible. E. A. Bailey. 2,134,498; Oct. 25.
Thiazole compounds. R. R. Williams. 2,134,015; Oct. 25.
Thiazole compounds and making them. E. R. Buchman. 2,133,969; Oct. 25.
Tie holder construction. W. J. Morse. 2,134,394; Oct. 25.
Timber containing its natural sap, Preserving filled. M. M. Clapshaw. 2,134,031; Oct. 25.
Tire cover. A. P. Ferguson. 2,134,360; Oct. 25.
Tire cover. G. A. Lyon. 2,134,464; Oct. 25.
Titanium salt solution, Hydrolysis of. B. W. Allan. 2,133,941; Oct. 25.
Tongs. M. Glas. 2,133,984; Oct. 25.
Tool: *See*
Cutting tool. Weeding tool.
Towel dispensing apparatus. R. G. Birr. 2,134,631; Oct. 25.
Toy, Animated. W. D. Fentress. 2,134,079; Oct. 25.
Toy mule. J. H. Barrett. 2,133,943; Oct. 25.
Toy, Rubber. L. Turchányi. 2,134,063; Oct. 25.
Tractor attachment. C. Click. 2,134,438; Oct. 25.
Trailer construction. C. E. Bradshaw. 2,134,595; Oct. 25.
Trailer, Logging. A. McKone. 2,134,233; Oct. 25.
Trailer, Motor vehicle. D. D. Archart. 2,134,351; Oct. 25.
Train communication systems, Apparatus for railway. W. P. Place, P. N. Bossart, and L. O. Grondahl. 2,134,416; Oct. 25.
Transfer and setting-up of collapsed cartons. A. Rose. 2,134,418; Oct. 25.
Transfer device. W. F. Knebusch and F. F. Hillix. 2,133,993; Oct. 25.
Translating apparatus. L. R. Philpott and C. E. Haller. 2,134,530; Oct. 25.
Transmission. C. F. Ranen and A. E. Kilpela. 2,134,316. Oct. 25.
Transmission for motor vehicles, Hydromechanical. F. W. Cotterman. 2,134,398; Oct. 25.
Transmission synchronizer. W. B. Osborne. 2,134,315; Oct. 25.
Trap: *See*
Gas trap.
Trim panel construction. P. R. Zinser. 2,134,496; Oct. 25.
Trouser support and shirt retainer. W. F. Gustlin. 2,134,442; Oct. 25.
Tube: *See*
Braun tube.
High tension discharge tube.
Tubes for vehicle tires, Manufacture of inner. H. Wagner. 2,134,591; Oct. 25.
Tubing head. G. A. Hunnson. 2,134,044; Oct. 25.
Tunneling machine. D. M. Hollingsworth. 2,134,478; Oct. 25.
1,1,2-trichlorpropane, Dehydrochlorination of. O. W. Cass. 2,134,102; Oct. 25.
Tying machine. H. Harvey. 2,134,186-7; Oct. 25.
Typewriting machine. H. A. Avery and J. P. Barkdoll. 2,134,097; Oct. 25.
Unipolar generator, Compensated. F. T. Hague and F. R. J. Davis. 2,134,511; Oct. 25.
Universal joint. J. M. Floyd. 2,134,508; Oct. 25.
Universal joint. E. R. Koppel. 2,134,563; Oct. 25.
Vacuum cleaner. E. Campbell. 2,134,396; Oct. 25.
Vacuum control for internal combustion engines. W. G. Charley. 2,134,658; Oct. 25.
Valve: *See*
Quick coupling valve.
Valve. A. D. Gaston. 2,133,983; Oct. 25.
Valve. E. R. Schofield. 2,134,208; Oct. 25.
Valve casing head, Plug. F. L. Pivoto. 2,134,200; Oct. 25.
Valve for fluid-operated motors. C. J. Coberly. 2,134,174; Oct. 25.

Valve for stoker air control. J. E. Trowbridge. 2,134,012; Oct. 25.
Valve mechanism. C. W. Sproull and L. J. Vetrano. 2,134,277; Oct. 25.
Valve seat and guide. R. M. Heintz. 2,134,250; Oct. 25.
Vapor generator. W. M. Firshing. 2,133,979; Oct. 25.
Variable speed friction gear. E. Christiansen. 2,134,225; Oct. 25.
Variator for weight integrating devices. S. C. Brown. 2,134,298; Oct. 25.
Vegetable fiber such as bagasse and the like, Apparatus for drying. G. J. Lipscomb. 2,134,229; Oct. 25.
Vehicle: *See*
Reverted drive automotive vehicle.
Vehicle body suspension. A. A. Hoskyns. 2,134,515; Oct. 25.
Vehicle chassis washer, Motor. P. C. Butler. 2,134,657; Oct. 25.
Vehicle coupling device. L. A. Verney. 2,134,628; Oct. 25.
Vehicle door latch. H. W. Rightmyer. 2,134,317; Oct. 25.
Vehicle head lamp. E. A. Howard and K. D. Scott. 2,134,558; Oct. 25.
Vehicle signaling switch. C. B. Howard. 2,134,272; Oct. 25.
Vehicle wheel. C. W. Sinclair. 2,134,419; Oct. 25.
Ventilating apparatus. A. G. Orear. 2,134,142; Oct. 25.
Ventilator. B. K. Paget. 2,134,143; Oct. 25.
Ventilator, Lavatory. R. Walsh and O. R. Sandstrom. 2,134,629; Oct. 25.
Vest. L. R. Engelson. 2,134,473; Oct. 25.
Visor and light screen for vehicles. A. S. Norcross. 2,134,414; Oct. 25.
Wall construction. H. J. Kerr. 2,133,992; Oct. 25.
Wall construction. J. E. Loucks. 2,134,637; Oct. 25.
Wall construction. D. H. S. Mayo. 2,134,000; Oct. 25.
Wall or panel construction. S. Gessler. 2,134,389; Oct. 25.
Warning, Electric shock speed. S. H. Caldwell. 2,134,028; Oct. 25.
Washing and cleansing compositions. F. Sieffert. 2,134,346; Oct. 25.
Washing machine. J. B. Kessel. 2,134,048; Oct. 25.
Water enriched with heavy water, Production of. F. Hansgirg. 2,134,249; Oct. 25.
Water from mineral oil by filtration, Separation of. W. P. Gee. 2,134,331; Oct. 25.
Water purification apparatus and method. V. Ehle. 2,134,113; Oct. 25.
Waterproof container. L. J. Gehse. 2,134,441; Oct. 25.
Wave filter. L. F. Curtis. 2,134,175; Oct. 25.
Wave reception, Short. B. Trevor and R. W. George. 2,134,590; Oct. 25.
Waxlike substance and preparing same. M. Jahrstorfer and G. Schwarte. 2,134,333; Oct. 25.
Weeding tool. W. V. Avant. 2,134,070; Oct. 25.
Welding apparatus. M. Christensen, G. H. Plaine, J. E. Trainer, and J. C. Hodge. 2,133,971; Oct. 25.
Welding apparatus. R. N. Stoddard and E. H. Vedder. 2,134,538; Oct. 25.
Well cleaner. C. C. Taylor. 2,134,320; Oct. 25.
Well flowing device. G. A. Humason. 2,134,045; Oct. 25.
Well reamer, Rotary. W. A. Abegg. 2,134,095; Oct. 25.
Wheel and brake assembly, Rear axle. C. Sauzedde. 2,134,007; Oct. 25.
Wheel: *See*
Edge buffing wheel. Vehicle wheel.
Wheel balancer—dynamic-type. C. C. Bennett. 2,134,500; Oct. 25.
Wheels used for form grinding, Dressing grinding. H. H. Harley and J. Yorston. 2,134,607; Oct. 25.
Whipstock. P. F. Matlock. 2,134,287; Oct. 25.
Wick for oil burners and the like, Woven. G. Walters. 2,134,424; Oct. 25.
Work-positioning means for box blank machines. E. M. Floryk. 2,134,116; Oct. 25.
Wrench. J. E. Gaede. 2,134,081; Oct. 25.
X-ray treatment structure. A. F. Jeans. 2,134,191; Oct. 25.
Yarn, Chenille. M. Kline. 2,134,484; Oct. 25.
Yarn measuring device. M. Wolkin. 2,134,271; Oct. 25.
Yarns, Production of composite. A. S. Bell. 2,134,022; Oct. 25.
Yieldable drive coupling. E. J. Poitras and J. D. Tear. 2,134,488; Oct. 25.

CLASSIFICATION OF PATENTS

ISSUED OCTOBER 25, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list. the classification of this list governs.

NOTE.—First number=class, second number=subclass, third number=patent number

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Trade-Mark Practice—Rule 60

Rule 60 of the rules of the Patent Office relating to the registration of trade-marks will be construed with reference to the rules in equity suits in the United States courts in effect prior to the adoption of the new rules of civil procedure. Accordingly, pleadings and procedure with respect to oppositions and applications for cancelation will not be affected by the new rules.

LESLIE FRAZER,
Assistant Commissioner.

Interference Notice

U. S. Patent Office, *Washington, D. C., September 14, 1938.*

Edward Jacob Miller, Harry L. Goodwin, and Edgar M. Miller, their assignee, Constance Kent, or legal representatives take notice:

An interference has been declared by this Office between the joint application for patent of Edward Jacob Miller and Edgar Martin Miller, % Morris Mills, Inc., 105 West Adams Street, Chicago, Ill., and a patent, No. 2,018,966, granted October 29, 1935, to Edward Jacob Miller, 311 E. Green Street, Clinton, Mo., Harry L. Goodwin, 211 E. Chestnut Street, Chicago, Ill., and Edgar M. Miller, 311 E. Green Street, Clinton, Mo. Notices of such declaration sent to the joint patentee, Harry L. Goodwin, by registered mail at the said address and to Constance Kent, the assignee of Miller, Goodwin, and Miller at 1700 Lamont Street, N. W., Washington, D. C., have been returned by the post office undeliverable and the Office has been unable to secure service upon the joint patentee Edgar M. Miller. Notice is hereby given that unless Edward Jacob Miller, Harry L. Goodwin, and Edgar M. Miller, their assignee, Constance Kent, or their legal representatives, shall enter an appearance therein within thirty days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Trade-Mark Registrations Canceled

149,034. Yarns and floss. Domestic Mills Company, Inc., Lowell, Mass. Registered December 6, 1921. Canceled September 9, 1938.

161,476. Cotton piece goods. Fort Dummer Mills, Brattleboro, Vt. Registered November 14, 1922. Canceled September 9, 1938.

201,507. Certain named clothing. Mildred Alice Berkeley, doing business as Bob & Betty Shop, Kansas City, Mo. Registered July 28, 1925. Canceled September 9, 1938.

272,547. Medicinal preparation. "Degewop" Gesellschaft wissenschaftlicher Organpraeparate A. G., Berlin, Germany. Registered July 8, 1930. Canceled September 16, 1938.

306,210. Liver extract preparation. "Degewop" Gesellschaft wissenschaftlicher Organpraeparate A. G. Berlin-Spandau, Germany. Registered September 12, 1933. Canceled September 16, 1938.

313,444. Whiskey. Gebauer & Kimpel, Baltimore, Md. Registered May 29, 1934. Canceled September 9, 1938.

325,323. Ointment or salve for certain named ailments. Georgian Pharmacal Co., Atlanta, Ga. Registered June 18, 1935. Canceled September 9, 1938.

326,109. Refractory brick. Quigley Company, Inc., New York, N. Y. Registered July 16, 1935. Canceled September 16, 1938.

329,483. Scarfs. Robinson & Golluber, New York, N. Y. Registered October 29, 1935. Canceled September 9, 1938.

336,735. Medicinal preparation. Tri-Cal Laboratories, Brooklyn, N. Y. Registered July 14, 1936. Canceled September 9, 1938.

347,186. Beverages sold as soft drinks. Massasoit Beverage Co., Inc., Springfield, Mass. Registered June 15, 1937. Canceled September 9, 1938.

Condition of Applications Under Examination at Close of Business September 17, 1938

(Total number of applications awaiting action, excluding Trade-Mark Division, 50,780; Trade-Mark Division, 1,372. Oldest new case, Dec. 8, 1937; oldest amended, Dec. 14, 1937.)
(The dates given are 1938 except where † indicates 1937)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Mar. 25	Mar. 26	868
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Apr. 14	Apr. 9	1,059
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	June 16	June 3	531
7083	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Apr. 25	May 2	547
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	June 13	June 13	663
4898C	6. LEWERS, A. M., Carbon Chemistry (part)	Mar. 22	Mar. 22	1,259
5725	7. JARBOE, C. G., Optics; Photography	June 4	June 6	982
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Feb. 21	Mar. 30	982
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	June 8	May 27	477
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies and Tops; Vehicle Fenders; Spring Devices.	May 2	May 4	761
5087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	May 19	May 26	553
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	Jan. 21	Jan. 21	901
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Apr. 22	Apr. 22	599
5097	14. SMITH G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	June 23	June 21	531
4897	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	May 2	May 2	1,201
5716	16. SPENCER, C. J., Telegraphy; Telephony	Apr. 4	Mar. 21	973
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Apr. 20	Apr. 23	848
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Apr. 20	Apr. 14	570
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Apr. 18	Apr. 28	806
6605	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Mar. 28	Apr. 9	584
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	June 9	June 10	498
5600	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults and Targets; Boats and Buoys; Ships; Marine Propulsion.	June 3	June 4	706
7624	23. BUTTNER, W. J., Registers (part)	†Dec. 8	†Dec. 14	342
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	June 2	June 15	669
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	May 20	May 18	684
5893	26. YOUNG, R. R., Electricity, Generation; Motive Power	May 17	May 17	598
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Mar. 14	Mar. 14	1,237
4628	28. SOLYOM, H. L., Internal-Combustion Engines	Mar. 26	Apr. 1	578
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Mar. 26	Mar. 25	908
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Mar. 4	Mar. 4	907
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	June 18	June 17	683
4086	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	May 17	May 20	645
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	May 13	May 18	949
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	May 21	May 27	393
3876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	May 12	Apr. 21	877
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Mar. 24	Apr. 4	664
5886B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Mar. 9	Mar. 3	1,033
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stoneworking; Wells; Plastic Compositions.	Jan. 24	Feb. 10	864
4878	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Apr. 18	Apr. 12	680
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Apr. 11	Apr. 11	1,538
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	May 19	May 23	312
5882	42. CUTTING, H. O., Electric Signaling	Feb. 12	Jan. 20	866
4886B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	May 31	May 31	581
4087B	44. HARVEY, L. P., Refrigeration: Dispensing Beverages	Apr. 20	Apr. 19	768
7093	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Apr. 18	Apr. 30	874
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Apr. 22	Apr. 28	664
6082	47. LOWE, E. R. (Act.), Clutches; Brakes	May 11	May 9	732
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	June 2	June 6	569
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Feb. 21	Feb. 26	998
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Apr. 5	Apr. 5	1,066
5628	51. BACKUS, C. D., Radiant Energy	June 6	June 6	857
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	June 10	June 7	829
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	May 19	May 27	671
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	June 30	July 1	542
6883	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Mar. 24	Mar. 18	1,292
4725	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Apr. 17	Apr. 17	1,114
6013	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	May 11	Apr. 20	553
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	May 31	May 18	443
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part): Substance Preparation.	May 20	May 20	785
5896	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	May 3	May 3	564
6724	61. PARKS, G. E., Laminated Electrical Insulation; Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Mar. 30	Apr. 2	771
5621	62. PUGH, E. C., Games; Geometrical Instruments	May 20	May 19	665
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	May 25	May 26	519
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Apr. 27	Apr. 27	1,165
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Mar. 22	Mar. 24	751
2099B	Trade-Marks, Labels, and Prints: F. A. RICHMOND { Trade-Marks	Aug. 5	Aug. 26	1,204
	{ Labels and Prints	Aug. 17	Sept. 2	168
2605	Designs: H. H. KALUPY	Aug. 9	Sept. 1	681

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE SAMPSEL

No. 3,943. Decided March 28, 1938

[95 F.(2d) 253]

PATENTABILITY—AUTOMATIC STOKER.

Certain claims relating to an automatic stoker *Held* unpatentable over the prior art.

APPEAL from Patent Office. Affirmed.

Messrs. Murray, Sackhoff, Zugelter and Paddack (*Mr. Walter F. Murray* of counsel) for Sampsel.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

GARRETT, *P. J.:*

This is an appeal from a decision of the Board of Appeals of the United States Patent Office affirming the decision of the Examiner denying the patentability of two claims, numbered, respectively, 40 and 41, contained in appellant's application relating to automatic stokers, filed March 30, 1931. Four claims stand allowed. The rejected claims read:

40. In combination a furnace, a stoker, a motor, an electric circuit for the motor, a room thermostatic switch in the circuit, and a time controlled switch in the circuit and in parallel with the room thermostatic switch.

41. In combination a furnace, a stoker, a motor, an electric circuit for the motor, a room thermostatic switch in the circuit, a time controlled switch in the circuit and in parallel with the room thermostatic switch, and means for regulating the duration of each closing of the time controlled switch.

It will be noted that claim 41 contains the limitation, "means for regulating the duration of each closing of the time controlled switch" which does not appear in claim 40. It is conceded by counsel for appellant that this feature is old in the art, and that its inclusion in the claim does not of itself add anything to the patentability of the combination. It may, therefore, be disregarded in our discussion of the case.

The claims were rejected as being fully met by a patent, No. 1,778,349, entitled "Time control for stokers," issued to one Thomas H. Banfield, October 14, 1930.

Appellant's disclosure is quite elaborate. The specification covers eighteen printed pages and the drawings embrace sixteen figures. So far as the issue here involved is concerned, however, it is sufficient to recite that he discloses a furnace and motor-operated stoker, in the circuit of which motor there is a room thermostatic switch, designated in the drawings by the numerals 147, and another thermostatic switch adjacent the furnace designated by the numerals 143; also, in the circuit and in parallel with the room thermostatic switch there is included a switch controlled by a time device.

The pertinent disclosure of the Banfield patent is that of a motor-operated stoker, the motor having a control circuit in which there is a room thermostatic switch, designated in the drawings by the numerals 23, and a furnace thermostatic switch, designated by the numerals 24; also, in parallel with the room thermostat there is a switch operated by a time clock.

It may be said here that the purpose of the time switches in both systems, as we understand them, is to assure the continuance of fire in the stoker at times when the room temperatures are above the point at which the thermostatic switches will operate.

Comparing the application and the patent, feature by feature, it will be seen that appellant's room thermostatic switch 147 corresponds to Banfield's room thermostatic switch 23 and that each motor has a time controlled switch in its circuit in parallel with the room thermostatic switch. Structurally, these, in the final analysis, are all that the involved claims require.

However, it will be observed that the second thermostatic switch (designated by the numerals 143) mentioned in the description of appellant's system, supra, is not included in the claims, and appellant's argument with respect to his right to their allowance is predicated upon this fact.

It seems obvious that if the switch 143 was included in the claims it would be met in a literal sense by switch 24 of the patent, but the gist of appellant's contention is that his switch 143 is not actually necessary to the operation of his system, while Banfield's switch 24 is indispensable to the proper operation of that system, and the Board's view of appellant's position is stated to be that since he

"has omitted the switch 143 from his claims, the switch 24 of Banfield must be omitted from his apparatus in applying the patent to the claims."

Appellant insists that the Board does not correctly state his position. His own statement as given in the brief is:

Applicant's position is this, that with the switch 143 omitted from his device he has an operative combination of elements, whereas, with the switch 24 omitted from Banfield's apparatus it is inoperative. Therefore, when applicant claims a combination in which there is no second switch such as the switch 143, he has set forth an operative device, whereas, if the switch 24 be omitted from Banfield's he has an inoperative device. Wherefore, we contend that claim 40 is not met by Banfield because if you try to apply it element by element to Banfield you get nothing but an inoperative device, that is, one that could not be made operative without the addition of another normally operative switch, namely, the boiler switch 24.

It is submitted that applicant's claim 40 is patentable over Banfield, because it accomplishes the function with fewer elements than those that were necessary to the operation of Banfield.

A number of authorities are then cited. The pertinent purport of these authorities is the application, or statement, of the familiar rule that invention may reside, as stated in the brief of the Solicitor for the Patent Office,

"in providing a device in which fewer elements are so correlated as to do the work of more elements of a prior art device."

The soundness of this rule is not questioned, but the query is whether it is applicable to the facts which here exist?

While the claims at issue do not include appellant's switch, 143, they do not in terms exclude it. The teaching of appellant's specification with respect to this element is that it is—

> a normally closed thermostatic safety switch • • • adapted to operate, in the event of excessive or dangerous heat—such as might be due to failure of the room thermostat switch, or the interval contactor switch, to open the motor circuit at the proper time—to automatically open the motor circuit at a point where the other switches cannot complete the motor circuit and energize the motor to feed more fuel to the fire.

The teaching of the Banfield patent with respect to his thermostatic switch 24 reads:

> The function of the switch 24 is to maintain a supply of heat in the reservoir or boiler 10 to meet a sudden demand.

In his statement the Examiner, after describing the portion of appellant's system here pertinent, says:

> The reference Banfield shows the same system, differing in that the control devices, that is, the time switch and the room thermostatic switch are placed in a secondary circuit, to independently operate a relay switch in the primary circuit in which the motor is included.
>
> • • • • • • • • •
>
> The only change necessary to make Banfield's system fully meet claim 40 is to place the motor in the place of the lower relay switch coil. The secondary circuit then becomes the main circuit.
>
> It has long been a practice in this art to use a reduced voltage circuit for the current passing through the thermostats or other sensitive control elements to avoid deterioration, but it is held that placing these in the main stoker motor circuit can not be considered patentable if it is so desired. It is nothing more than the omission of an added feature and its function. Banfield has • • • an arrangement for positively opening his motor switch by a second coil operative when the heating period is over. But this is also an added feature, not needed when there is direct operation of the motor.

Discussing appellant's argument to the effect that his omission of the switch 143 requires the omission of Banfield's switch 24 in applying the patent to the claims, the Board says:

> This method of applying references to a claim is new to us and as we view the matter, the applicant is required by law to distinguish his invention from prior art and distinctly claim the novel invention.

We are in agreement with the findings of the tribunals of the Patent Office. The appealed claims do not seem to us to be so drawn as to be unreadable upon the patent to Banfield. Upon the contrary, the situation seems to be that they read directly upon it, except for the distinction with respect to the control devices noted by the Examiner, supra, which is not claimed to be and which, in our opinion, is not a patentable distinction.

The decision of the Board of Appeals is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

MOHAWK MILK PRODUCTS COMPANY, INC.,

v.

GENERAL DISTILLERIES CORPORATION

No. 3,873. Decided March 28, 1938

[95 F.(2d) 334]

TRADE-MARKS—OPPOSITION—GIN, AND CANNED MILK AND CREAM NOT GOODS OF SAME DESCRIPTIVE PROPERTIES.

Gin *Held* not to possess the same descriptive properties as canned milk and cream.

APPEAL from Patent Office. Affirmed.

Mr. C. P. Goepel for Mohawk Milk Products Company, Inc.

No appearance for General Distilleries Corporation.

LENROOT, *J.:*

This is a trade-mark opposition proceeding in which the Commissioner of Patents affirmed a decision of the Examiner of Interferences dismissing appellant's notice of opposition, and holding that appellee is entitled to the registration of the mark for which it made application.

The involved marks are the words "Gold Cross", the letters being arranged in the form of an arc, applied by appellee to containers of gin, and the words "Gold Cross", the letters being arranged in the form of an arc, together with a representation of a gold cross, applied by appellant to containers of condensed milk, condensed cream, evaporated milk, and evaporated cream.

Appellee's application was filed September 14, 1934, under the provisions of the Trade-Mark Act of February 20, 1905. Appellant filed notice of opposition to the registration of said mark by appellee, alleging use of its mark since 1906 and the registration of the same in the United States Patent Office on February 19, 1907. The usual allegations of confusion in trade and damage were made in said notice.

The answer of appellee denied, among other things, that the goods of the respective parties to which the marks are applied are of the same descriptive properties, and denied that appellant would be damaged by the registration of appellee's mark.

Appellant took testimony, but appellee did not.

The Examiner held that the goods of the parties did not possess the same descriptive properties; accordingly he dismissed the notice of opposition and adjudged that appellee was entitled to register the mark for which it had made application.

In affirming the decision of the Examiner of Interferences, the Commissioner said:

> Opposer argues in effect that those of its customers who are still prohibitionists, upon seeing its well-known trade-mark displayed on a bottle of gin, are likely to conclude that opposer has gone into the liquor business, and that the gin drinker will probably purchase applicant's product because of opposer's established reputation; in either of which contingencies opposer would or may be damaged. The brief then sets forth the somewhat startling assertion that: "Whenever it appears that the opposer might be damaged or that confusion might result, it is because the goods have the same descriptive properties."
>
> I am unwilling to accept the test thus sought to be applied. "The mere fact that some indefinite and far-fetched confusion is to be shown or pointed out does not necessarily require that the goods shall be regarded as of the same descriptive properties." *California Packing Corporation* v. *Tillman & Bendell*, 17 C. C. P. A. 1048, 40 Fed.(2d) 108. The type of possible confusion here suggested by opposer is in my opinion both indefinite and far fetched.

Before us appellee neither filed a brief nor appeared upon the oral argument.

The only question before us is whether or not gin, and canned milk and cream, are goods of the same descriptive properties within the meaning of said words as used in section 5 of said Trade-Mark Act.

The testimony on behalf of appellant shows that many grocers, both wholesale and retail, sell both alcoholic beverages and canned milk and cream.

There is no testimony that gin is ever sold in cans. It was the opinion of the witnesses that customers who are prohibitionists, upon seeing the mark "Gold Cross" applied to gin, would conclude that appellant had added the liquor business to its milk business, and that such customers would, for that reason, cease buying appellant's products, to the damage of appellant.

We are clearly of the opinion that gin, and canned milk and cream, do not belong to the same class, and do not possess the same descriptive properties. As has been repeatedly stated in our opinions, we have given the words "merchandise of the same descriptive properties," as used in section 5 of the Trade-Mark Act, a very liberal construction in order to effectuate the purposes of said act, but we are not ready to go so far as to hold that gin possesses the same descriptive properties as canned milk and cream, for, in our opinion, so to hold would virtually eliminate this provision from the statute.

While it is true that, as urged by appellant, gin and milk are both beverages in a sense, the law itself recognizes a wide distinction between them, for in some States the sale of the former is entirely prohibited, and in other States its sale is strictly regulated and licensed.

For the reasons stated herein, the decision of the Commissioner of Patents is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE ARNESS

No. 3,934. Decided March 28, 1938

[95 F.(2d) 344]

1. PATENTABILITY—DIFFERENCE IN KIND RATHER THAN DEGREE NECESSARY.

   "It is well established that, where proportions of ingredients of a composition are concerned, such composition is not patentable over different proportions disclosed in the prior art unless such changed proportions are critical as compared with the proportions disclosed in the prior art, producing a difference in kind rather than degree. *In re Richter*, 19 C. C. P. A. (Patents) 756, 53 F.(2d) 525, 1932 C. D. 88."

2. SAME—RUSTLESS ALLOY IRON.

   Claims for a rustless alloy iron *Held* unpatentable over the prior art.

APPEAL from Patent Office. Affirmed.

Mr. John Howard Joynt for Arness.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

LENROOT, *J.:*

This is an appeal from a decision of the Board of Appeals of the United States Patent Office, affirming a decision of the Examiner rejecting all of the claims of appellant's application, numbered 1, and 5 to 15, inclusive. Before hearing of argument in the case, appellant filed a motion to dismiss the appeal as to all claims except claims 1, 9, and 13. This motion will be granted, leaving for consideration by us said claims 1, 9, and 13. Of these claims, claims 1 and 9 are illustrative and read as follows:

> 1. In a composition of matter of the class described, a rustless alloy iron of inherently fine grain structure and substantially free from decarburization and grain growth, containing as essential ingredients approximately 10 per cent to 30 per cent chromium, .06 per cent to .10 per cent carbon, with nitrogen in an amount greater than .07 per cent but less than .20 per cent, and the balance substantially iron.
>
> 9. In a composition of matter of the class described, a rustless alloy iron of inherently fine grain structure and substantially free from decarburization and grain growth, containing as essential ingredients about 17 per cent chromium, about .10 per cent carbon, about .09 per cent nitrogen, and the balance substantially iron.

The references relied upon are: Franks, 1,990,589, February 12, 1935; Journal of Iron & Steel Institute, No. II, 1926, page 120.

As will be observed from the claims above quoted, appellant's application relates to a rustless alloy iron, and the nature of his alleged invention is sufficiently set forth in said claims.

The patent to Franks relates to alloy steels referred to in the specification as "chromium steels;" the steels with which the reference deals contain chromium in amounts varying from 15 per cent to 35 per cent, carbon ranging from .1 per cent to 2 per cent, and nitrogen ranging from .2 per cent to .65 per cent. While the specification relates specifically to the use of nitrogen contents of .2 per cent and higher, it is also stated therein that:

> According to my invention, some benefit may be had by the use of a nitrogen content somewhat less than 0.2%, but it is preferable that the nitrogen content be at least this value. • • •

The specification further states:

> • • • The beneficial effect of the added nitrogen is most marked in those steels containing less than about 1% of carbon, but continues to be appreciable when the carbon is raised as high as about 2%.

The publication, Journal of Iron & Steel Institute, was relied upon by the Examiner as showing that it is known that a high chromium, low carbon steel can be hardened by adding nitrogen.

It appears from the record that applicant's application, as originally filed, called for a preferred nitrogen range of .09 to .2 per cent. Applicant was in interference with the Franks application upon the following count:

> A ferrous alloy comprising about 18% to 30% chromium, .1% to .3% carbon, .2% to .5% nitrogen, and the balance substantially all iron; said alloy having throughout substantially the same concentration of nitrogen.

This interference resulted in an award of priority to Franks.

On August 28, 1935, appellant amended his application to state the nitrogen content as greater than .07% and less than .2%. The lower limit of Franks, as claimed by him, is .2% or "about 0.2%."

The Examiner held that the difference between appellant's disclosure and that of the Franks reference was in the nitrogen content, and held that this difference was one of degree only. He accordingly rejected the claims on the reference Franks.

This decision of the Examiner was affirmed by the Board on substantially the same ground, and from such decision of the Board appellant took this appeal.

The Board of Appeals in its decision states:

> Taking the disclosure and claims as a whole, the essence of the invention resides essentially in using .09–.2% of nitrogen for improving the grain structure of iron alloys containing less than .1% of carbon and 10–30% of chromium.
>
> The Franks patent discloses .1% of carbon, whereas applicant claims a smaller amount in some of his claims.

The Franks patent discloses somewhat less than .2% of nitrogen whereas applicant claims nitrogen less than .2% and more than .07%. Under the circumstances it does not appear to us that the .09% figure for nitrogen of claim 9 is more than a mere matter of selection.

The Examiner has rejected the claims as unpatentable over the Franks patent and calls attention to the fact that the Franks disclosure overlaps applicant's claims as to the percentages of chromium and carbon, and as to the nitrogen, the Examiner states that the difference in this respect is only a matter of degree. Franks states on page 1, line 39, that somewhat less than .2% of nitrogen may be contained in the alloy.

We are in agreement with the conclusion of the Patent Office tribunals that the differences between the alloys claimed here and the alloys disclosed in the Franks patent are only matters of degree, and not of kind, and therefore the claims before us are not patentable.

Appellant's application, as originally filed, disclosed alloys ranging from 10% to 30% chromium, .06% to .1% carbon, and .09% to .2% nitrogen.

The disclosure of the Franks patent clearly overlaps the original disclosure of appellant's application as to each of the elements claimed by appellant. The overlapping of the chromium element is very substantial; the lowest percentages of the carbon and nitrogen elements in Franks include the highest percentages in appellant's application. While it is true that the percentages of nitrogen disclosed and claimed by appellant in his application as amended include percentages much lower than disclosed by Franks, it does not appear that such lower percentages are critical, resulting in alloys different in kind than the alloy disclosed by Franks.

[1] It is well established that, where proportions of ingredients of a composition are concerned, such composition is not patentable over different proportions disclosed in the prior art unless such changed proportions are critical as compared with the proportions disclosed in the prior art, producing a difference in kind rather than degree. *In re Richter*, 19 C. C. P. A. (Patents) 756, 53 F.(2d) 525, 1932 C. D. 88.

While it is true that appellant amended his application by specifying that the percentage of nitrogen employed is less than .2%, it is also true that Franks states that—

"According to my invention, some benefit may be had by the use of a nitrogen content somewhat less than 0.2%, * * *."

Moreover, it does not appear that a percentage of less than .2% of nitrogen in appellant's alloy is critical, but, on the contrary, appellant's counsel in his brief states:

With respect to the teachings of the Franks patent certainly appellant may amend his claims by changing the upper limit of nitrogen content from .2 per cent to less than .2 per cent in order to avoid a conflict in terms. By rule 68 of the Rules of Practice in the United States Patent Office, an applicant is given the right to amend his application. The amendment here does not bring new matter into the case. No objection is had on this point. It is by no means clear to your appellant why the Board of Appeals, in its opinion, took occasion to particularly point out these matters. Especially, it is not clear how the Board from these facts deduced that there is nothing patentable in the case. Most certainly the minor character of the amendment, to avoid a conflict in terms, cannot support the conclusion that a difference in nitrogen content is wholly immaterial and but a matter of degree.

We think the foregoing is a frank statement of the reason for appellant's amendment of his application. It is an admission that a nitrogen percentage of less than .2 per cent is not critical, and the only purpose in claiming less than .2 per cent of nitrogen was to avoid a conflict with the claims of the Franks patent, all of which claims call for a nitrogen percentage of "about 0.2%" or "0.2%."

That Franks did not regard a nitrogen percentage of 0.2 per cent as critical is shown by the fact that the patent states that some benefit may be had by the use of a nitrogen content somewhat less than .2 per cent, but that he prefers that the alloy should contain at least .2 per cent of nitrogen.

It is true that Franks does not specify the benefits to be obtained from using less than .2 per cent of nitrogen, but we agree with the Board of Appeals that this fact is immaterial.

In the case of *In re James*, 23 C. C. P. A. (Patents) 1124, 83 F.(2d) 313, 1936 C. D. 474, we said:

* * * The mere fact that appellant may have made certain disclosures as to properties not disclosed in the patent is not of itself sufficient to support an additional patent. * * *

[2] It is our opinion that the Board of Appeals rightfully held that the differences in nitrogen content between the alloys here claimed and those disclosed in the Franks patent are mere matters of degree, and for that reason the claims before us are not patentable.

The motion of appellant to dismiss the appeal as to all claims except claims 1, 9, and 13, is granted; and as to said last-named claims the decision of the Board of Appeals is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE RIVERBANK CANNING COMPANY

No. 3,882. Decided April 4, 1938

[93 F.(2d) 327]

1. TRADE-MARKS—EFFECT OF WORD AND PICTURE THE SAME.

"It is well settled that the use of a word as a trade-mark has the same effect as the use of a picture, if the word means the same as the picture."

2. SAME—SCANDALOUS MATTER.

Held that "in determining whether a mark 'consists of or comprises * * * scandalous matter,' consideration ordinarily must be given to the goods upon which the mark is used."

3. SAME—SAME—"MADONNA."

Use of the word "Madonna" as a trade-mark for wine *Held* scandalous and its registration prohibited under the Trade-Mark Act.

APPEAL from Patent Office. Affirmed.

Jackson, J., and *Bland, J.*, dissenting.

Messrs. Jackson and *Webster* (*Mr. Charles R. Allen* and *Mr. William G. MacKay* of counsel) for Riverbank Canning Co.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

LENROOT, *J.*:

This is an appeal from a decision of the Commissioner of Patents, affirming that of the Examiner refusing to register the mark "Madonna" as a trade-mark for wines on the ground that the use of the word, for such purpose, is scandalous within the meaning of section 5 (*a*) of the Trade-Mark Act of February 20, 1905.

The present application was filed January 20, 1934, and was published July 17, 1934. Thereafter, and within the statutory period, an opposition was filed, based on the likelihood of confusion in trade.

On September 28, 1934, the Examiner of Trade-Marks requested the Commissioner to approve jurisdiction of the application for the purpose of refusing the registration applied for, on the ground that its registration for wines would be scandalous. This request was approved on September 28, 1934, and on October 8, 1934, registration was denied by the Examiner on the ground that to register the mark "Madonna" for wines—

"would be offensive to the provision of sec. 5 (*a*) of the act of February 20, 1905, which prohibits registration when a mark 'consists of or comprises scandalous matter.'"

A request for reconsideration of said decision was denied by the Examiner.

Upon appeal to the Commissioner, the decision of the Examiner was affirmed, whereupon the applicant appealed to this court for a review of such decision.

The only question involved herein is whether the word "Madonna," as a trade-mark for wines, comes within the scope of the aforesaid section prohibiting the registration of any mark that "consists of or comprises immoral or scandalous matter."

The word "scandalous" is in common use, and its meaning is well understood. Dictionary definitions are as follows:

1. Causing or tending to cause scandal; * * * shocking to the sense of truth, decency, or propriety; disgraceful; offensive; disreputable; * * *.
(Funk & Wagnalls New Standard Dictionary.)

2. Giving offense to the conscience or moral feelings; exciting reprobation; calling out condemnation; * * *.
(Webster's New International Dictionary, 1932.)

This clause first appeared in the Trade-Mark Act of February 20, 1905. Its legislative history does not aid us in arriving at the intent of Congress in its enactment, and we must give to the word "scandalous" its ordinary and common meaning; applied to the case at bar, the question is whether the use of the mark "Madonna" upon wine which is not limited to a religious use may be held to be "shocking to the sense of * * * propriety," or would such use give "offense to the conscience or moral feelings."

The word "Madonna" is defined in Funk & Wagnalls New Standard Dictionary as follows:

1. My lady; signora: an old Italian form of address equivalent to madam. 2. (M—) hence, the Virgin Mary; also, a painted or sculptured representation of the Virgin, * * *.

Webster's New International Dictionary defines "Madonna" as follows:

1. * * * My lady;—a term of address in Italian formerly used as the equivalent of madame, where signora is now substituted.
2. *a.* An Italian designation of the Virgin Mary. *b.* A picture or a statue of the Virgin Mary.

While the primary meaning of the word "Madonna" in Italy may be, as above stated, "My lady" or "Madame," there can be no doubt that in the United States, and among all English-speaking peoples, the word "Madonna" is generally understood to refer to the Virgin Mary or to a pictorial representation of the Virgin Mary.

[1] It is well settled that the use of a word as a trade-mark has the same effect as the use of a picture, if the word means the same as the picture. *In re Maclin-Zimmer-McGill Tobacco Co., Inc.*, 49 App. D. C. 181, 271 O. G. 688; *Nestle and Anglo-Swiss Condensed Milk Company* v. *Walter Baker and Company, Limited*, 37 App. D. C. 148, 1911 C. D. 369; *J. P. Heilbronn Co.* v. *Hammermill Paper Co.*, 18 C. C. P. A. (Patents) 1307, 48 F.(2d) 963, 411 O. G. 815.

We must, therefore, in considering the registrability of the mark "Madonna" as a trade-mark, consider also whether a pictorial representation of the Virgin Mary as a trade-mark for wines would be shocking to the sense of propriety or call out condemnation.

[2] Of course, the word "Madonna" is not per se scandalous. We do not understand that appellant contends that a mark must be scandalous per se to come within the prohibition of the statute. Every one would concede that an application to register the name of the Supreme Being as a trade-mark would be properly rejected under the provision of the statute here under consideration. It is therefore obvious that, in determining whether a mark "consists of or comprises * * * scandalous matter," consideration ordinarily must be given to the goods upon which the mark is used.

Appellant introduced into the record a number of registrations of the mark "Madonna," applied to goods of various kinds, not containing alcohol, two of which registrations were granted to appellant.

Whether such registrations were properly issued is not before us, and their issuance constitutes no reason why the registration of appellant's mark here involved should be allowed if it is in fact scandalous. See *In re The Rie-Wil Co.*, 24 C. C. P. A. (Patents) 905, 87 F.(2d) 516, 483 O. G. 3.

Whether wine in itself is harmless we are not called upon here to determine, and we express no opinion upon that subject. Probably a majority of the people of the United States believe that, moderately used, it is harmless, but it is likewise true that wine, generally speaking, is included within the term "intoxicating liquor"; that for a number of years, under National Prohibition, the manufacture and sale of wine for use as a beverage was prohibited; that several States now prohibit such sale; and that, wherever its sale is permitted, the seller must be licensed and is subject to strict regulations governing the conduct of such business.

It is true that the Bible records that the Saviour changed water into wine at the behest of His Virgin Mother at the wedding feast, and quotations can be made from the Bible commending the use of wine; but it is also true that the evils growing out of the excessive use of intoxicating beverages are probably much greater today than they were 1900 years ago.

In the case of *Crane* v. *Campbell, etc.*, 245, U. S. 304, the court said:

It must now be regarded as settled that, on account of their well-known noxious qualities and the extraordinary evils shown by experience commonly to be consequent upon their use, a State has power absolutely to prohibit manufacture, gift, purchase, sale, or transportation of intoxicating liquors within its borders without violating the guarantees of the Fourteenth Amendment. * * *

That wine, like any other intoxicating beverage, may be, and often is, used to excess, is a matter of common knowledge.

Appellant's officers are evidently of the belief that the use of said mark would be an aid to its business. It may not be objected to by many wine drinkers, as the record tends to show by affidavits introduced by appellant; but it is a matter of common knowledge that the United States is not a wine drinking country, such as are some of the countries of Europe, and probably only a very small minority of its people use wine even moderately. In determining whether the mark, used upon wine, is scandalous, we must consider the viewpoint, not of wine drinkers alone, but also of those who do not use wine as a beverage.

The Virgin Mary stands as the highest example of the purity of womanhood, and the entire Christian world pays homage to her as such. Her representation in great paintings and sculpture arouses the religious sentiments of all Christians.

We can readily understand that many who are accustomed to the use of wine as a beverage, remembering the use of it as a beverage in Biblical times, would not be shocked at the use of the word "Madonna" or a representation of the Virgin Mary as a trade-mark upon wine used for beverage purposes; but we also believe that there are many wine users who, knowing that the excessive use of wine is a great evil and not uncommon, would be shocked by such use of said mark upon wine, especially in view of the fact that such mark would probably be displayed, among other places, in barrooms.

[3] In our opinion, to commercialize the name of, or a representation of, the Virgin Mary as a trade-mark is of very doubtful propriety, and we feel certain that its use upon wine for beverage purposes would be shocking to the sense of propriety of nearly all who do not use wine as a beverage, and also to many who do so use it; therefore, we think such use of the word "Madonna" would be scandalous and its registration prohibited under said Trade-Mark Act. The field is almost limitless from which to select words for use as trade-marks, and one who uses debatable marks does so at the peril that his mark may not be entitled to registration.

It follows from the foregoing that we must hold that the decision of the Commissioner was right, and it is affirmed.

Affirmed.

JACKSON, *J.*, (dissenting):

The appellant herein is not seeking to register a representation of the Virgin Mary. As I understand it, appellant has used no such representation in connection with his allowed registrations of the term "Madonna" as applied to articles of food sold by it and merely seeks uniformity of mark to include another well recognized and favorably considered product, wine.

The statute denies registration to any mark that "consists of or comprises immoral or scandalous matter."

The mark per se sought to be registered is certainly not within the prohibition of the statute. It has been registered numerous times, as applied to different articles of trade.

There can be no doubt but that the word "Madonna," by association of ideas, generally refers to representations of the Virgin Mary. In painting and sculpture, great masterpieces of everlasting beauty have been made throughout all of Europe, and now adorn churches and art galleries everywhere. They are the mold and form of ideal motherhood and purity. They excite reverential devotion in the souls of many millions of humanity. It is not, however, so much the title but rather the depiction of the subject that moves the emotions of men.

But can it be fairly said that the registration of the simple word "Madonna," as a trade-mark applied to material things, is shocking to the sense of propriety, or that it is offensive? Not surely in the light of the trade-mark law, under which thread, eau de Cologne, medicines, toilet soap, tooth powder, cold cream, fabrics, precious-metal ware, and food stuffs bear not only the expression itself, but in some instances carry the pictured representation of the Virgin. If it cannot be said that the registration of this word is "scandalous," as applied to the many articles of commerce above set forth; that it does not call for reprobation or excite a feeling of offense in being so applied, I am at a loss to see how it can reasonably come within the purview of the act as applied to wines. If the use of the trade-mark "Madonna," as applied to the goods and articles mentioned, gave offense or scandal, it seems to me it would be noised about and probably these articles would have but scanty sale.

If, as applied to wine, the registration of this word should give scandal to devout church members, that feeling, in all reason, should likewise be engendered by its application to anything not of a religious nature. With respect to some others, wine itself is considered a scandalous thing and they would, if they could, not only deny to it a name, but destroy it utterly.

I cannot agree that wine is ofter drunk to excess, as, in my opinion, it is a matter of common knowledge that wine users are generally not drunkards and that the habitués of barrooms are not generally wine drinkers. The excessive use of good food results in evil. Surely a glutton gives scandal comparable to the scandal caused by one who drinks alcoholic beverages to excess.

Wine seems to have been a concomitant of mankind as far back as books and tradition reach. It appears to have been what man has always considered the principal and finest product of the grape. The very nature of wine has placed it in a unique position as a beverage. It never has been and never can be classed with the harsh products of distillation which are made, not for the palate, but rather for powerful stimulating effect. Wine always has and probably always will grace boards of refinement and gentle conduct. Ordinary wine is used as a common and usual beverage by multitudes of our people instead of water. The Saviour changed water into wine at the behest of His Virgin Mother at the wedding feast; it was used at the Last Supper, and, as a matter of common knowledge, it is a part of the very core of the most sacred religious rites of many of both Christian and other faiths.

In view of what has been heretofore said in this opinion, I cannot hold that registration of the word "Madonna," as applied to wines, would shock the conscience or offend against religious belief. To hold otherwise would certainly mean that wine, of itself, is evil, since obloquy would attach to the trade-mark, good in itself, when applied to the beverage. The application herein is not for registration to use in connection with whiskey, brandy, rum, beer, or the like. The right to register the mark for such goods is not before us.

The applicable law in this matter is undoubtedly restrictive and was purposely so cast by Congress, and, as such, "must be construed against the officer governed thereby * * *." *Ex parte Jefferson Electric Mfg. Co.* 1917 C. D. 71, 244 O. G. 817.

There are some phases of the opinion of the majority which are not very clear and apparently somewhat contradictory. In one place it says:

* * * It is therefore obvious that, in determining whether a mark "consists of or comprises * * * scandalous matter," consideration ordinarily must be given to the goods upon which the mark is used.

This would imply, as I understand it, that there are goods upon which the mark "Madonna" might be used without resulting scandal.

Later in the opinion is found the following:

In our opinion, to commercialize the name of, or a representation of, the Virgin Mary as a trade-mark is of very doubtful propriety. * * *.

This would imply that to use the mark upon any goods entering commerce is of doubtful propriety, which I think suggests that the trade-mark "Madonna" which was applied to various kinds of goods not containing alcohol, referred to in the opinion should not have been registered. This I think is an attack, at least by implication, upon the validity of those registered trade-marks and which is unnecessary to the decision of this case.

The last-quoted statement would suggest the impropriety of using the trade-mark "Madonna" upon articles connected with the practice of religion, which are manufactured and sold for profit. It is easy to conceive of articles made for the purpose of promoting religion and aiding in religious ceremonies, which are dealt with in commerce, and upon which the use of the trade-mark "Madonna" would not be regarded as scandalous by anyone. On the contrary, the use of the word "Madonna" as applied to a rosary which is used in a system of prayer to the Virgin Mary is not only appropriate but would tend to create in the minds of the users even more fervent faith and greater devotion. Obviously, this is true as applied to many different articles used in connection with religion.

The decision of the Commissioner of Patents should be reversed.

BLAND, *J.*, concurs in the foregoing dissent.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

Des. 102,695, H. N. McLellan, Chair, D. C., N. D. Ohio, E. Div., Doc. E 5656. *The Taylor Chair Co.* v. *The Marble & Shattuck Chair Co.* Patent held valid and infringed, injunction (notice June 28, 1938).

Des. 102,700, R. Pancotti, Accordion, D. C., S. D. N. Y., Doc. E 84/331. *Excelsior Accordion Mfg. Co., Inc.*, v. *A. Frontalini et al.* Dismissed for lack of prosecution (notice July 26, 1938).

Des. 103,303, C. H. Brandt, Extension table, filed June 30, 1938, D. C., N. D. Ill., E. Div., Doc. 16132, *The Brandy Cabinet Works, Inc.*, v. *Illinois Rockford Corp.*

Des. 104,172, F. A. Rentchler, Sun glasses, filed June 10, 1938, D. C., S. D. N. Y., Doc. E 87/157, *Deauville Specialty Corp.* v. *F. W. Woolworth Co.* Doc. E 87/70, *Deauville Specialty Corp.* v. *Lapin-Kurley Kew, Inc.* Consent order of discontinuance (notice July 21, 1938), in each of above cases.

Des. 104,706, J. Sinko, Steering wheel device, filed June 6, 1938, D. C., N. D. Ill., E. Div., Doc. 16102, *Sinko Tool & Mfg. Co.* v. *Blue Star Auto Stores, Inc.*

Des. 104,879, L. Rogow, Apron, D. C., S. D. N. Y., Doc. E 87/11, *M. Mitrani et al.* v. *W. L. Clark, Inc.* Complaint vacated without prejudice (notice June 22, 1938).

Des. 105,253, J. P. Young, Tucked textile fabric, filed June 24, 1938, D. C., S. D. N. Y., Doc. E 87/183, *U. S. Stitching Corp.* v. *A. Botwin Co., Inc., et al.* Same, filed July 20, 1938, D. C., S. D. N. Y., Doc. E 87/274, *U. S. Stitching Corp.* v. *Modern Pleating Co., Inc., et al.*

Des. 105,576, Eyraud & DeJulio, Pin curler, filed June 22, 1938, D. C., S. D. Calif. (Los Angeles), Doc. E 1406Y, *A. J. Eyraud et al.* v. *H. W. Hahn Mfg. Co. et al.*

Des. 105,817, A. Zavell, Textile fabric (declaratory judgment), D. C., S. D. N. Y., Doc. E 87/90, *Sorel Silks Corp.* v. *L. & E. Stirn Corp.* Consent order of discontinuance without prejudice (notice June 15, 1938).

Des. 107,301, A. Kaplan, Dress, D. C., S. D. N. Y., Doc. E 86/170, *Kaplan & Wassner, Inc.*, v. *Caesar Modes, Inc.* Consent order of discontinuance (notice July 6, 1938).

Des. 107,393, M. Stone, Dress, D. C., S. D. N. Y., Doc. E 86/161, *W. Steinman, Inc.*, v. *Columbia Dance Frocks, Inc.* Consent order of discontinuance (notice July 16, 1938).

Des. 107,611, T. Coleman, Dress, D. C., S. D. N. Y., Doc. E 87/75, *A. S. Gross, Inc.*, v. *Town & Country Club Dress Corp.* Consent decree for plaintiff (notice June 28, 1938).

Des. 107,702, S. Rosenberg, Knitted hood and scarf assembly, filed June 21, 1938, D. C., N. D. Ill., E. Div., Doc. 16118, *Reliable Knitting Works* v. *Mode Knitting Mills, Inc.*

Des. 107,732, V. Tomshinsky, Dress, filed June 10, 1938, D. C., S. D. N. Y., Doc. E 87/159, *A. S. Gross, Inc.*, v. *Abrams & Norman, Inc.*

Des. 107,821, M. Fellegi, Textile fabric, D. C., S. D. N. Y., Doc. E 86/356, *Pacific Knitting Mills, Inc.*, v. *West-Coast-Manchester Mills, Inc., et al.* Consent order of discontinuance (notice July 29, 1938).

Des. 108,229, N. Barbieri, Brooch, filed June 28, 1938, D. C., S. D. N. Y., Doc. E 87/190, *Uncas Mfg. Co.* v. *D. Amster et al.* (*Bright Novelty Mfg. Co.*).

Des. 108,315, B. Benjamin, Shoe, filed July 19, 1938, D. C., S. D. N. Y., Doc. E 87/271, *Schwartz & Benjamin, Inc.*, v. *Stone Shoe Co., Inc.*

Des. 108,626, R. A. Norton, Floral display stand, filed June 27, 1938, D. C., S. D. N. Y., Doc. E 87/188, *R. A. Norton (Universal Novelty Products Co.)* v. *R. B. Blanke (Creative Art Products Co.)*.

Des. 108,687, P. Schlessel, Dress, D. C., S. D. N. Y., Doc. E 86/357, *N. Y. Dress & Costume Co., Inc.*, v. *H. Eidlinger*. Consent decree for plaintiff sustaining patent and granting injunction (notice Aug. 8, 1938).

Des. 109,017, S. M. Jansen, Lamp shade, filed June 17, 1938, D. C., E. D. Pa., Doc. 10039, *Franklin Lamp Mfg. Co., Inc.*, v. *A. E. Smith et al. (Albe Lamp & Shade Co.)*.

Des. 109,332, E. S. Mix, Buckle, filed July 5, 1938, D. C., W. D. N. Y., Doc. 2249, *Hickok Mfg. Co., Inc.*, v. *H. E. Segelin (Original Pants Store)*.

Des. 109,341, H. T. Roberts, Cabinet for phonograph, filed June 1, 1938, D. C., N. D. Calif. (San Francisco), Doc. E 4272–L, *J. P. Seeburg Corp.* v. *S. Tessler (Okland Automatic Sales Co.)*. Doc. E 4274–R, *J. P. Seeburg Corp.* v. *W. Corcoran.*

Des. 109,375, S. Kronenfeld, Dress, D. C., S. D. N. Y., Doc. E 87/37, *Virginia Lee Frocks, Inc.*, v. *Action Dress, Inc., et al.* Consent decree for plaintiff (notice Aug. 2, 1938).

Des. 109,547, T. Coleman, Dress, filed June 24, 1938, D. C., S. D. N. Y., Doc. E 87/180, *A. S. Gross, Inc.*, v. *Abrams & Norman, Inc.*

Des. 109,580, T. Coleman, Dress, filed June 27, 1938, D. C., S. D. N. Y., Doc. E 87/189, *A. S. Gross, Inc.*, v. *Lombardy Frocks, Inc.*

Des. 109,605, G. Cippico, Smoking device, filed June 1, 1938, D. C., E. D. Wis. (Milwaukee), Doc. 5289, *Zeus Corp.* v. *Bornheimer Cigar Stores Co., Inc.* Same, D. C. Md., Doc. E 2543, *Zeus Corp.* v. *Peoples Service Drug Stores, Inc.* Dismissed July 29, 1938.

Des. 109,687, M. Armao, Dress, filed June 2, 1938, D. C., S. D. N. Y., Doc. E 87/124, *J. Goldman et al.* v. *M. Rosen.*

Des. 109,721, M. Michelson, Dress, filed June 3, 1938, D. C., S. D. N. Y., Doc. E 87/125, *F. Perlberg, Inc.*, v. *Fashion Fair, Inc.*

Des. 109,837, M. Sobelman, Dress, filed June 14, 1938, D. C., S. D. N. Y., Doc. E 87/166, *M. Muffet, Inc.*, v. *Neufeld-Furst & Co., Inc.*

Des. 109,855, B. C. Kalish, Dress, filed June 18, 1938, D. C., S. D. N. Y., Doc. 87/170, *P. Barone* v. *Greatline Dress, Inc.*

Des. 109,856, B. C. Kalish, Dress, filed July 1, 1938, D. C., S. D. N. Y., Doc. E 87/242, *Palma Barone* v. *Carlton Sportswear, Inc.*

Des. 109,937, R. La Giusa, Dress, filed June 6, 1938, D. C., S. D. N. Y., Doc. E 87/129, *S. & M. Litt, Inc.*, v. *Rose Marie Frocks, Inc., et al.*

Des. 109,960, T. Emmerich, Textile fabric, filed July 1, 1938, D. C., S. D. N. Y., Doc. E 87/243, *M. Oltarsh et al.* v. *Sterling Textile Printers, Inc., et al.*

Des. 110,597, E. Jocell, Dress, filed Aug. 3, 1938, D. C., S. D. N. Y., Doc. E 87/298, *Neufeld-Furst & Co., Inc.*, v. *Jay-Day Frocks, Inc.*

T. M. 51,922, Bristol-Myers Co., Saline laxative, filed June 20, 1938, D. C. Conn. (New Haven). Doc. E 2705, *Bristol-Myers Co.* v. *Johnson Wholesale Perfume Co. et al.*

T. M. 196,182, F. C. Mars, Candy, filed June 8, 1938, D. C., N. D. Ill., E. Div., Doc. 16103, *Mars, Inc.*, v. *J. J. Cummings et al.*

T. M. 273,061, Bunte Bros., Candy, D. C., N. D. Ill., E. Div., Doc. 16117, *Bunte Bros.* v. *Ambrosia Candy Co.* Consent decree enjoining defendant June 28, 1938.

T. M. 280,199, Taylor & Williams, Inc., Whiskey, filed June 22, 1938, D. C. Mont. (Great Falls), Doc. 3072, *Taylor & Williams Distilleries* v. *Yellowstone Distilleries, Inc.*

T. M. 283,831, Dr. Miles Medical Co., Anti-acid effervescent preparations, D. C., N. D. Ill., E. Div., Doc. 16018, *Miles Laboratories, Inc.*, v. *J. E. McIlrady et al.* Consent decree enjoining defendants May 18, 1938.

Adjudicated Patents

(C. C. A. Okla.) Godbold and Fletcher patent, No. 1,320,384, for drill-cutter, claims 3 and 4 *Held* infringed. *Southwestern Tool Co.* v. *Hughes Tool Co.*, 98 F.(2d) 42.

(C. C. A. Okla.) Scott patent, No. 1,480,014, for self cleaning roller drill, claims 1 to 4 *Held* infringed. *Id.*

(C. C. A. Iowa.) Young and Gephart patent, No. 1,589,581, for ventilator, claims 1 and 5 *Held* valid but not infringed. *H. H. Robertson Co.* v. *Klauer Mfg. Co.*, 98 F.(2d) 150.

(C. C. A. Okla.) Scott and Wellensiek patent, No. 1,647,753, for drill cutter, claims 2 to 5 *Held* infringed. *Southwestern Tool Co.* v. *Hughes Tool Co.*, 98 F.(2d) 42.

(C. C. A. Minn.) Hawkinson patent, No. 1,917,261, for method of retreading tire casings, claim 6 *Held* invalid, but if valid, not infringed. *Gamble-Skogmo* v. *Paul E. Hawkinson Co.*, 98 F.(2d) 37.

(C. C. A. Minn.) Hawkinson patent, No. 1,917,262, for apparatus for retreading tire casings, claims 4, 5, 6, 9, and 10 *Held* invalid, but if valid, not infringed. *Id.*

(C. C. A. N. Y.) Upson patent, No. 1,957,237, for fan blade, claim 7 *Held* valid and infringed. *General Electric Co.* v. *Parr Electric Co.*, 98 F.(2d) 60.

(C. C. A. N. J.) Golden patent, No. 2,041,332, for flashlight holding device, *Held* invalid. *Magna Products Corporation* v. *Broad Auto Supply Co.*, 98 F.(2d) 117.

(C. C. A. N. Y.) Gosling design patent, No. 89,076, for electric fan. *Held* invalid. *General Electric Co.* v. *Parr Electric Co.*, 98 F.(2d) 60.

TRADE-MARKS

OFFICIAL GAZETTE, OCTOBER 4, 1938

[VOL. 495. No. 1]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 408,273. GARDEN STATE TANNING CO., New York, N. Y. Filed July 7, 1938.

GAR-TAN

The word "Tan" is disclaimed apart from the mark.
For Raw Hides.
Claims use since Aug. 1, 1937.

Ser. No. 408,464. I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-the-Main, Germany. Filed July 13, 1938.

ALKYDAL

For Artificial Resins in the Form of Solids, Solutions, or Emulsions Suitable for Various Uses in the Industrial Arts.
Claims use since Jan. 3, 1938.

Ser. No. 409,312. HERCULES POWDER COMPANY, Wilmington, Del. Filed Aug. 6, 1938.



For Resin.
Claims use since Aug. 3, 1938.

Ser. No. 409,313. HERCULES POWDER COMPANY, Wilmington, Del. Filed Aug. 6, 1938.

HERCULES

For Resin.
Claims use since Aug. 3, 1938.

CLASS 2

Receptacles

Ser. No. 408,662. STEVENS & THOMPSON PAPER COMPANY, New York, N. Y. Filed July 19, 1938.

ATLASTA

For Paper Trays for Meat, Butter, Lard, and Similar Products.
Claims use since May 15, 1924.

CLASS 3

Baggage, Animal Equipments, Portfolios, and Pocketbooks

Ser. No. 407,680. JACOB NEUMANN, doing business as Crown Luggage Co., Baltimore, Md. Filed June 20, 1938.



The word "Luggage" and the outline of the label are disclaimed apart from the mark.
For Trunks and Traveling Bags and Cases.
Claims use since June 1, 1938.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 407,004. JAMES BROWN, Mt. Vernon, Ohio. Filed June 2, 1938.

BROWN'S LANE SOAP

No claim is made to the words "Brown's" and "Soap" apart from the mark.
For Soap Product for General Cleaning Purposes, especially for Cleaning Woodwork, Walls, Bath Tubs, and Sinks.
Claims use since Jan. 1, 1938.

Ser. No. 408,208. MARY SCOTT ROWLAND, LTD., New York, N. Y. Filed July 5, 1938.



The words "Pure Olive Oil Soap, for the Complexion, New York, Paris, London" are disclaimed apart from the mark.

For Olive Oil Soap.

Claims use since 1932.

Ser. No. 408,905. GERTRUDE STANTON, doing business as Stanlane Company, Chicago, Ill. Filed July 25, 1938.

TRU

For Crystaline Cleaning Preparation for Cleaning Various Articles and Surfaces, Such as Furniture Upholstery, Carpets, Rugs, Tapestry, Automobile Upholstery, Lamp Shades (Washable), Chintz, Fabricoid and Leather, Roller Shades (Washable), Venetian Blinds, Linoleum, Wall Paper (Washable), and Painted Surfaces.

Claims use since July 5, 1938.

Ser. No. 409,325. D. J. MOONEY, doing business as Snowdrop Patrick Co., Chicago, Ill. Filed Aug. 6, 1938.

SNOW DROP

For Cleaning Preparation for Pots, Pans, Dishes, Glassware, Silver, Refrigerators, Sinks, Windows, Enamel Ware, Coffee Pots, Bottles, Marble, Tile, Painted Walls, Linoleum, Stoves, Woodwork, Floors, Combs and Hair Brushes, Laundry, Carpets, Rugs, Golf Balls, Windshields, and Toilets; and Iodine, Blood, and Fruit Stain Remover.

Claims use since June 1, 1937.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 397,114. EUGENE A. GATTERDAM, Phoenix, Ariz. Filed Sept. 4, 1937.

POLLEN-X

The term "Pollen" is disclaimed apart from the mark.

For Oral Pollen Antigen Used in the Treatment of Hay Fever, Pollen Asthma, and All Forms of Pollenosis or Conditions Caused by Pollens.

Claims use since May 23, 1929.

Ser. No. 404,259. NATIONAL PACKAGE DRUGS, INC., St. Louis, Mo. Filed Mar. 19, 1938.



For Mineral Oil, Rubbing Alcohol Compound, Milk of Magnesia (Tablets and Liquid), Cod Liver Oil, Witch Hazel, Aspirin Tablets, Hinkle Pills, Antiseptic Solution, Mouth Wash, Peroxide of Hydrogen, Tincture of Iodine, Mercurochome, Petrolatum (White and Carbolated), Halibut Liver Oil Capsules; Vitamins A, B, D, and G Concentrate Capsules; Cod Liver Oil Concentrate Capsules, Hepatic Salts, Sodium Fluoride, Cold Tablets, Laxative Tablets, Cough Syrup, Castor Oil, Camphorated Oil, Glycerine, Spirits Camphor, Sweet Spirits Nitre, Oil Citronella, Tincture Green Soap, Oil Wintergreen, Chloroform Liniment, Spirits of Ammonia (Aromatic), Tincture of Arnica, Cascara Sagrada (Aromatic), Spirits Peppermint, Tincture Benzoin Compound, Epsom Salts, Boric Acid (Powder and Crystals), Borax, Alum (Powder and Lump), Senna Leaves, Cream Tartar, Sulphur Flowers, Sodium Bicarbonate, Salicylic Acid, Salt Petre, Potassium Permanganate, Rochelle Salts, Chamomile, Flaxseed Meal, Flaxseed (Whole), Oil Eucalyptus, Powdered Henna, Quinine Sulphate, Mustard Powder (Yellow), and Compound Licorice Powder.

Claims use since Jan. 15, 1938.

Ser. No. 405,333. RUTH A. MYERS, New York, N. Y. Filed Apr. 14, 1938.



For Facial Powder.

Claims use since Feb. 3, 1938.

Ser. No. 406,050. HELEN BENDEL DICK, Huntington, Ind. Filed May 6, 1938.

MA DERMA

No claim is made to the word "Derma" apart from the mark.

For Healing Liquid or Cream for Skin Disorders.

Claims use since July 1, 1936.

Ser. No. 407,479. SALVATORE SAMUEL GRECO, Hawthorne, Calif. Filed June 13, 1938.



The portrait is that of applicant's wife, Paulina Vacirca Greco. No claim is made to the words "Beauty Mask, Trade Mark Registered, Manufactured by" and "750 Cedar Avenue, Hawthorne, California".

For Facial Preparation—Namely a Beauty Mask.

Claims use since Feb. 1, 1938.

Ser. No. 409,136. PARKE, DAVIS & COMPANY, Detroit, Mich. Filed Aug. 1, 1938.

CEVIBEX

For Pharmaceutical Preparation of Crystalline Vitamin B_1 and C in Tablet Form.

Claims use since Apr. 14, 1938.

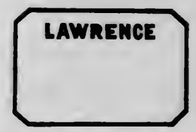
Ser. No. 409,137. PARKE, DAVIS & COMPANY, Detroit, Mich. Filed Aug. 1, 1938.

VIBEX

For Pharmaceutical Preparations of Vitamin B in Liquid and Tablet Form for Oral Use and in Ampoules for Parenteral Administration.

Claims use since Feb. 14, 1938.

Ser. No. 409,202. SAM S. LAWRENCE, doing business as Lawrence Laboratories, Huntington, W. Va. Filed Aug. 3, 1938.





The name "Sam S. Lawrence" is the facsimile signature of the applicant. The surname "Lawrence" is disclaimed apart from the mark.

For Cough Syrup.

Claims use since Feb. 18, 1933.

Ser. No. 409,212. J. C. SHAY, INC., Philadelphia, Pa. Filed Aug. 3, 1938.

Liposol

For Colloidal Lipid Solution—Namely, Lanolin for Intravenous Use for Control of Toxemia.

Claims use since July 29, 1938.

Ser. No. 409,297. PHILIP CHAVIS, doing business as Liberty Sales Co., New York, N. Y. Filed Aug. 6, 1938.

LIBERTY

SKIN KOTE

PROTECTS THE SKIN

No claim is made to the words "Liberty", "Skin Kote", and "Protects the Skin" apart from the mark.

For Cream and Paste Preparation to Prevent Grease, Dirt, Ink, Etc., from Getting into the Pores of the Skin and Assisting in Its Rapid Removal Therefrom.

Claims use since July, 1936.

Ser. No. 409,365. MASTIN PRODUCTS, INC., New York, N. Y. Filed Aug. 8, 1938.



MASTIN'S eye-lift

-for eyes that look old or fatigued

The words "Mastin's" and "Eye Lift for Eyes that Look Old or Fatigued" are disclaimed apart from the mark.

For Device Impregnated with Lotion to be Applied to the Eyes.

Claims use since Mar. 1, 1938.

Ser. No. 409,384. COLGATE-PALMOLIVE-PEET COMPANY, Jersey City, N. J. Filed Aug. 9, 1938.

Halo

For Shampoo Preparations, Face Creams, Brilliantine, Hair Waving Solutions in Liquid and Powder Form.

Claims use since Jan. 4, 1915.

Ser. No. 409,484. PENICK & FORD, LTD. INCORPORATED, New York, N. Y. Filed Aug. 11, 1938.

NUPRO

For Laundry Starch.

Claims use since Nov. 6, 1937.

Ser. No. 409,523. ETHEL M. HOWLAND, doing business as Karma Beauty Shop, Margaretville, N. Y. Filed Aug. 12, 1938.



No claim is made to the word "Howland's" apart from the mark.

For Hair Tonic and Scalp Cleaner.

Claims use since July 18, 1938.

Ser. No. 409,734. SAMUEL A. HALABY, Rochester, N. Y. Filed Aug. 18, 1938.

KIL-MOE

For Insecticides in Liquid Form.

Claims use since May 15, 1938.

Ser. No. 409,764. E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del. Filed Aug. 19, 1938.

NALAN

For Chemical Compound, Being in the Nature of a Textile Finish with Water Repellent Characteristics.

Claims use since July 8, 1938.

CLASS 12

Construction Materials

Ser. No. 394,754. PLUNKETT-WEBSTER LUMBER CO., INC., New Rochelle, N. Y. Filed July 1, 1937.

P.W

For Lumber.

Claims use since 1920.

Ser. No. 408,074. ROACH & MUSSER COMPANY, Muscatine, Iowa. Filed June 30, 1938.

EMBASSY

America's Window Beautiful

No claim is made to the words "America's Window Beautiful" apart from the mark.

For Factory Fitted Window Units, Including Frames, Windows, Storm Sashes, and Screens.

Claims use since May 5, 1938.

Ser. No. 408,472. OHIO VALLEY HARDWARE & ROOFING COMPANY, Evansville, Ind. Filed July 13, 1938.

OHIO VALLEY

The words "Ohio Valley" are disclaimed.

For Asphalt Composition Roofing and Building Papers, Steel Roofing and Sheets, Roofing Tin.

Claims use since Jan. 1, 1923.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 399,746. COLUMBIAN ENAMELING & STAMPING CO., INC., Terre Haute, Ind. Filed Nov. 15, 1937.



The words "Made" and "Terre Haute, Indiana", are disclaimed apart from the mark. Applicant is owner of T. M. Reg. No. 125,033, effected under the 10-year proviso.

For Enameled Ware—Namely, Refrigerator Pans, Basket Cookers, Vegetable Cookers, Macaroni Cookers, Dish Pans, Cereal Cookers, Browning Pans, Open Sauce Pans, Covered Sauce Pans, Covered Casseroles, and Roasters.

Claims use since June 25, 1937.

Ser. No. 408,115. LION MANUFACTURING CORPORATION, Chicago, Ill. Filed July 1, 1938.

Econo-vent

The word "Vent" is disclaimed apart from the mark.

For Vent Seals for Storage Tanks.

Claims use since June 16, 1938.

Ser. No. 408,381. R. S. GEHLERT & Co., Detroit, Mich. Filed July 11, 1938.

CADILATOR

For Coffee Percolators.

Claims use since Mar. 24, 1938.

CLASS 15

Oils and Greases

Ser. No. 396,756. ASHLAND OIL & REFINING COMPANY, Ashland, Ky. Filed Aug. 26, 1937.

BLAZER

For Gasoline.

Claims use since December, 1936.

Ser. No. 404,923. SUNSET OIL COMPANY, Los Angeles, Calif. Filed Apr. 5, 1938.



The drawing is lined for green and yellow. No claim is made to the word "Gasoline" apart from the mark.

For Gasoline.

Claims use since Feb. 10, 1938.

Ser. No. 408,518. SOCONY-VACUUM OIL COMPANY, INCORPORATED, New York, N. Y. Filed July 14, 1938.

MOBIL

For Lubricating Oils and Greases and for Petroleum Fuel Distillates in the Nature of Gasoline, Diesel-Engine Fuel, Furnace Oils, and the Like.

Claims use since June 15, 1934, on said oils and greases; and since Apr. 23, 1938, on said distillates.

CLASS 16

Paints and Painters' Materials

Ser. No. 401,988. I. S. CRANE, INC., doing business as The Lit Company, Chicago, Ill. Filed Jan. 17, 1938.

LIT

For Cold Water Paints, Paint Enamels, Varnishes, Lacquers, Stains, Flat Paint, and Stippled Paint.

Claims use since Dec. 15, 1937.

CLASS 17

Tobacco Products

Ser. No. 408,220. RICHARD R. TOBIN, doing business as R. R. Tobin Tobacco Co., Detroit, Mich. Filed July 5, 1938.



The words "Cork Town" are disclaimed apart from the mark.
For Smoking and Chewing Tobacco.
Claims use since Mar. 10, 1934.

Ser. No. 409,406. KO WAH LUM, San Francisco, Calif. Filed Aug. 9, 1938.



The Chinese characters mean "Advance."
For Cigarettes.
Claims use since May 24, 1938.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 403,943. FULTON BAG & COTTON MILLS, Atlanta, Ga. Filed Mar. 11, 1938.

FulcoSlide-Bak

The words "Slide-Bak" are disclaimed apart from the mark.
For Collapsible Truck Tops.
Claims use since Jan. 1, 1938.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 395,743. MCGRAW ELECTRIC COMPANY, Chicago, Ill., and St. Louis, Mo. Filed July 30, 1937.

RTO

For Fuses and Circuit Makers and Breakers.
Claims use since Dec. 31, 1936.

Ser. No. 401,280. STERN-BROWN, INC., New York, N. Y. Filed Dec. 27, 1937.

SUPERSTAR DU-ALL

For Electric Toasters, Waffle Irons, and Grills.
Claims use since Nov. 18, 1936.

Ser. No. 402,459. THE ANDERSON COMPANY, Gary, Ind. Filed Jan. 29, 1938.

FOG-MASTER

For Vehicle Road or Fog Lamps Electrically Powered.
Claims use since Dec. 3, 1937.

Ser. No. 407,175. BRANTON MOTOR COMPANY, Sutton, W. Va. Filed June 6, 1938.

Mountaineer
AS STURDY AS A ROCK

The expression "As Sturdy as a Rock" is disclaimed apart from the mark.
For Automobile Storage Batteries.
Claims use since Dec. 8, 1937.

Ser. No. 408,235. DAVART INCORPORATED, New York, N. Y. Filed July 6, 1938.

DAV
R
T

For Desk Lamps, Table Lamps, Boudoir Lamps, Commode Lamps, Candlesticks, and Lighting Urns, All Being Electrical.
Claims use since Sept. 1, 1929.

Ser. No. 408,652. P. R. MALLORY & CO., INC., Indianapolis, Ind. Filed July 19, 1938.

RECTOCHARGER

For Electric Current Rectifiers, Electric Battery Chargers, Rectifier Battery Chargers.
Claims use since July 15, 1938.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 395,115. THE AMERICAN NATIONAL COMPANY, Toledo, Ohio. Filed July 12, 1937.

Health Bike

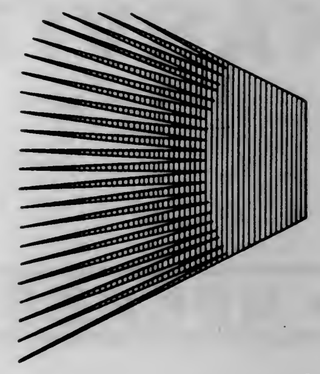
The word "Bike" is disclaimed apart from the mark.
For Juvenile Vehicles Comprising Velocipedes.
Claims use since Feb. 1, 1937.

Ser. No. 406,810. JOY DOLL CORPORATION, New York, N. Y. Filed May 27, 1938.

Maid OF AMERICA

No claim is made for the word "America" apart from the mark.
For Dolls, Stuffed Toys, Children's Play Furniture, Airplane Toys, Dolls' Clothing, Doll Carriages, Board Games, Toy Books, Children's Wheel Vehicles, Christmas Stockings, Crayon Sets, Cut-Out Paper Figures, Doll Accessories, Toy Figure Sets, Toy Trunks and Toy Luggage, Toy Skates, and Toy Blocks.
Claims use since Apr. 1, 1938.

Ser. No. 409,022. SPOTSWOOD SPECIALTY COMPANY, Lexington, Ky. Filed July 28, 1938.



The drawing is lined for red.
For Toy Guns or Pistols.
Claims use since Dec. 8, 1913.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 402,273. HENRY PELS & COMPANY, INC., New York, N. Y. Filed Jan. 24, 1938.

PELS "Steel Fabricator"

The words "Steel Fabricator" are disclaimed apart from the mark.
For Machines for Punching, Shearing, Notching, and Coping Plates and Structural Shapes.
Claims use since Nov. 22, 1937.

Ser. No. 404,243. AMERICAN SAFETY RAZOR CORPORATION, Booklyn, N. Y. Filed Mar. 19, 1938.

Avoid "5 O'clock Shadow" Blade



The portrait is fanciful. The word "Blade" is disclaimed apart from the mark.
For Safety Razors and Safety Razor Blades.
Claims use since Mar. 7, 1938.

Ser. No. 406,847. THE RICHTER & PHILLIPS COMPANY, Cincinnati, Ohio. Filed May 21, 1938.

KARVIT

For Tongs Used for Holding Roasts Firmly in Place While Carving Them.
Claims use since Apr. 24, 1936.

Ser. No. 406,849. ENDERES INCORPORATED, Albert Lea, Minn. Filed May 26, 1938.

ENDERES

For Punches, Solid Punches, Pin Punches, Sickle-Section Punches, Blacksmiths' Punches, Farmers' Punches, Taper Punches, Flat-Face Punches, Round-Point Punches, Square-Point Punches, Prick Punches, Alignment Punches, Center Punches, Gouges, Cold Chisels, Cape Chisels, Diamond-Point Chisels, Plumbers' Chisels, Carpenters' Chisels, All-Purpose Chisels, Jemmies, Drift Punches, Jimmy-Bars, Jimmy-Punches, Rivet-Busters, Star Drills, Cutting Nippers, Hoof Nippers, Hoof Parers, Pincers, Shoeing Pincers, Fence Tools, Staple-Puller-Cold Chisels, Knives, Butcher Knives, Pocket Knives, Paring Knives, Chicken Stickers, Sticking Knives, Hoof Knives, Slicing Knives, Bread Knives, Steak Knives, Boning Knives, Skinning Knives, Ribbing Knives, Putty Knives, Pork Choppers, Lamb Choppers, Cleavers, Forks, Steels, Razors, Safety-Razor Blades, Safety Razors, Pie-Servers, Cake-Turners, Knife Sharpeners, Can-Openers, Shears, Trimming Shears, Mule Shears, Scissors, Draw-Cut Shears, Hair-Clippers, Hack-Saw Frames, Hack-Saw Blades, Tinners' Snips, Snips, Wrenches, Adjustable Wrenches, Pipe Wrenches, Monkey Wrenches, Open-end Wrenches, Tappet Wrenches, Angle Wrenches, Socket Wrenches and Attachments, Box Wrenches, Screw-Driver Bits, Files, Mill Bastard Files, Round Bastard Files, Half-Round Bastard Files, Regular-Taper Files, Slim-Taper Files, Extra-Slim-Taper Files, Taps, Dies, Screw-Plates, Tap Wrenches, Die Holders, Die Stocks, Bit Braces, Drills, Breast Drills, Hand Drills, Automatic Drills, Drill Chucks, Universal Joints, Screw-Drivers, Screw-Removers, Bolt-Clippers, Leather Punches, Vises, Planes, Saw-Sets, Axes, Hatchets, Hammers, Nail Hammers, Ripping Hammers, Ball-Pein Hammers, Blacksmiths' Hand Hammers, Hand Saws, Meat Saws, Draw Knives, Wood Chisels, Chisel Handles, Hoe Handles, Rake Handles, Axe Handles, Maul Handles, Fork Handles, Hammer Handles, Expansive Bits, Auger-Bits, Reamers, Gimlets, Countersinks, Pliers, Slip-Joint Pliers, Cutting Pliers, Pipe-and-Nut Pliers, Scythes, Hay Knives, Sickle-Grinders, Tool-Grinders.
Claims use since Sept. 1, 1930.

Ser. No. 407,689. WALTER C. REED, North Hollywood, Calif. Filed June 20, 1938.

X-VAC

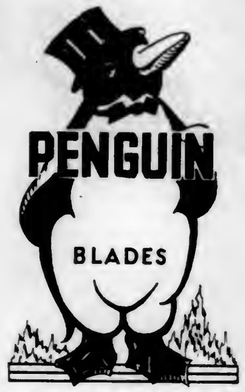
For Vacuum Cleaners.
Claims use since May 19, 1938.

Ser. No. 408,371. BISSELL CARPET SWEEPER CO., Grand Rapids, Mich. Filed July 11, 1938.



For Carpet Sweeper.
Claims use since July 1, 1938.

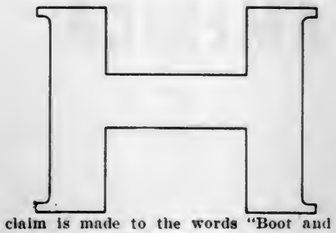
Ser. No. 408,400. DANIEL H. RIDER, doing business as Rider Safety Razor Co., New York, N. Y. Filed July 11, 1938.



No claim is made to the word "Blades" apart from the mark.
For Razor Blades and Pocket Knives for Personal Use.
Claims use since Apr. 10, 1937.

Ser. No. 408,540. H MFG. & SALES CO., INC., Amarillo, Tex. Filed July 15, 1938.

"H" BOOT AND SHOE ADJUSTER



No claim is made to the words "Boot and Shoe Adjusters" apart from the mark.
For Boot and Shoe Stretching Devices and Adjusters.
Claims use since Dec. 8, 1937.

Ser. No. 409,031. THE GLEASON WORKS, Rochester, N. Y. Filed July 29, 1938.

REVACYCLE

For Gear Cutting Tools and Blades Therefor.
Claims use since June 23, 1938.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 408,145. ACME WHITE LEAD AND COLOR WORKS, Detroit, Mich. Filed July 2, 1938.

THE ACME COLOR EYE



For Color Mixing and Measuring Machine.
Claims use since May 3, 1938.

Ser. No. 408,657. WILLIAM W. RICE, Chicago, Ill. Filed July 19, 1938.

AISLE OF FORTUNE

For Automatic Photographing Apparatus.
Claims use since Jan. 24, 1938.

Ser. No. 408,658. WILLIAM W. RICE, Chicago, Ill. Filed July 19, 1938.

MAGIC EYE

For Automatic Photographing Apparatus.
Claims use since Jan. 24, 1938.

CLASS 29

Brooms, Brushes, and Dusters

Ser. No. 408,287. PRO-PHY-LAC-TIC BRUSH COMPANY, Northampton, Mass. Filed July 7, 1938.

PROLOID

For Brush Blocks Made from Impregnated Fibre Material.
Claims use since May 18, 1938.

Ser. No. 408,600. B. K. ELLIOTT COMPANY, Pittsburgh, Pa. Filed July 18, 1938.

UNIVERSITY

For Artists' Brushes.
Claims use since June 25, 1937.

CLASS 30

Crockery, Earthenware, and Porcelain

Ser. No. 407,154. THE MORTON POTTERY CO., Morton, Ill. Filed June 6, 1938.

AMISH

For Pottery Ware—Namely, Tea Pots, Cups and Saucers, Mixing Bowls, Casseroles, and Plates.
Claims use since Apr. 15, 1928.

Ser. No. 407,704. THE SCIO-OHIO POTTERY COMPANY, Scio, Ohio. Filed June 13, 1938.

MERCURY

For Pottery Vases or Jars for Use by Florists for Displaying, Vending, and Delivering Flowers.
Claims use since Apr. 1, 1938.

CLASS 31

Filters and Refrigerators

Ser. No. 409,769. FROSTED CABINETS INC., Decatur, Ill. Filed Aug. 19, 1938.



For Refrigerators, Refrigerator Show Cases, Display Cases, Storage Cases, Counters, and the Like.
Claims use since May 1, 1938.

CLASS 32

Furniture and Upholstery

Ser. No. 395,484. OSTERMOOR & COMPANY, INC., New York, N. Y. Filed July 21, 1937. Under section 5b of the act of 1905 as amended in 1920.

OSTERMOOR

For Furniture—Viz., Sofas, Chairs, Beds, and Bedsteads; and Mattresses, Pillows, Bolsters, and Cushions.
Claims use on mattresses, pillows, bolsters, cushions, and bedsteads since December, 1874; and on sofas, chairs, and beds since June 26, 1937.

Ser. No. 409,024. ARCHER MFG., Los Angeles, Calif. Filed July 29, 1938.

hollywood BABY STARS

The word "Hollywood" is disclaimed apart from the mark.

For Nursery Chair Pads, Play Pen Pads, Carriage Pads, Bassinette Pads, Basket Pads, and High Chair Pads.

Claims use since June 6, 1938.

CLASS 33

Glassware

Ser. No. 409,227. PITMAN-DREITZER & CO. INC., New York, N. Y. Filed Aug. 3, 1938.

"GARDEN CLUB"

For Table and Cooking Glassware.

Claims use since Jan. 26, 1938.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 395,527. HOLOPHANE COMPANY, INC., New York, N. Y. Filed July 22, 1937.

HOLOSPHERE

For Glass and Combination Glass and Metal Globes and Reflectors.

Claims use since June 16, 1937.

Ser. No. 408,269. EARL H. COLLICUTT, New York, N. Y., assignor to The Aerofuser Company, Inc., New York, N. Y., a corporation of New York. Filed July 7, 1938.

AEROFUSER

For Air Mixers for Ventilating Systems.

Claims use since Aug. 13, 1937.

Ser. No. 408,302. AUTOCRAT OIL BURNER CORPORATION, Cedar Rapids, Iowa. Filed July 8, 1938.

UNITAIRE

For Humidifiers, Air Washing, Air Filtering, Air Cooling, Air Circulating, Air Heating, and Air Conditioning Units.

Claims use since June 18, 1938.

Ser. No. 408,640. GULF BREEZE COMPANY, Dallas, Tex. Filed July 19, 1938.

GULF BREEZE

For Suction Fans for Attic Ventilation.

Claims use since June 1, 1937.

Ser. No. 408,914. COMBO CORPORATION, Rochester, N. Y. Filed July 26, 1938.

COMBO

For Combined Automatic Gas Water Heaters and Incinerators.

Claims use since March, 1936.

Ser. No. 409,015. UNION STEEL PRODUCTS COMPANY, Albion, Mich. Filed July 28, 1938.

FLEX-O-MATIC

For Baking Ovens.

Claims use since Mar. 12, 1938.

CLASS 36

Musical Instruments and Supplies

Ser. No. 398,558. C. G. CONN, LTD., Elkhart, Ind. Filed Oct. 16, 1937.

Soprani Duo Organ

The words "Duo Organ" are disclaimed apart from the mark.

For Accordions.

Claims use since Apr. 14, 1936.

CLASS 37

Paper and Stationery

Ser. No. 400,769. KIMBERLY-CLARK CORPORATION, Neenah, Wis. Filed Dec. 13, 1937.

ECONOMY

For Catalog and Booklet Cover Papers.

Claims use since Aug. 26, 1926.

Ser. No. 406,689. MEMRILANE STUDIOS, New York, N. Y. Filed May 24, 1938.

Memrilane

For Photograph Albums, Photographic Mounts, and Film and Coin Carriers.

Claims use since Apr. 1, 1938.

Ser. No. 406,858. ELB PRODUCTS, INC., New York, N. Y. Filed May 28, 1938.

PLEET PAC

For Plaited Sheet Material of Paper, Metal Foil, or Other Materials for Decorative and Other Uses.

Claims use since May 14, 1938.

Ser. No. 407,829. UNITED STATES ENVELOPE COMPANY, Springfield, Mass. Filed June 23, 1938.

penfolio

For Writing Paper and Envelopes, Envelopes for Greeting Cards, and Papeterie Packages.

Claims use since June 1, 1938.

Ser. No. 408,211. THE SORO PAPER CO., Middletown, Ohio. Filed July 5, 1938.

EQUATOR

For Printing Paper and Writing Paper.

Claims use since November, 1911.

Ser. No. 408,264. CENTRAL PAPER CO., INC., Muskegon, Mich. Filed July 7, 1938.



For Wrapping Paper.

Claims use since Sept. 29, 1930.

Ser. No. 408,265. CENTRAL PAPER CO., INC., Muskegon, Mich. Filed July 7, 1938.

TRIPLE-TECT

For Wrapping Paper.

Claims use since Mar. 15, 1938.

Ser. No. 408,266. CENTRAL PAPER CO., INC., Muskegon, Mich. Filed July 7, 1938.

BROTHER NOAH

For Wrapping Paper.

Claims use since Sept. 29, 1930.

Ser. No. 408,387. KOH-I-NOOR BLEISTIFTFABRIK L. & C. HARDTMUTH, Budweis, Czechoslovakia. Filed July 11, 1938.



For Pencils of All Kinds.

Claims use since Jan. 5, 1938.

Ser. No. 408,462. GOLDSMITH BROS., New York, N. Y. Filed July 13, 1938.

Linedge

For Paper for Loose Leaf Binders.

Claims use since June 1, 1938.

Ser. No. 409,176. TRICOLATOR COMPANY, INC., New York, N. Y. Filed Aug. 2, 1938.

FILTEX

For Filter Paper.

Claims use since July 9, 1938.

Ser. No. 409,188. THE COLLECTAGUIDE CO., New York, N. Y. Filed Aug. 3, 1938.

Collectaguide

For Looseleaf Book Covers.

Claims use since Mar. 24, 1938.

Ser. No. 409,190. THE COLLECTAGUIDE CO., New York, N. Y. Filed Aug. 3, 1938.



For Looseleaf Book Covers.

Claims use since Mar. 24, 1938.

Ser. No. 409,233. CHARLES B. CHATFIELD, Woodbury, Conn. Filed Aug. 4, 1938.

PLUS + LITE

For Crayons.
Claims use since July 27, 1938.

CLASS 38

Prints and Publications

Ser. No. 400,705. THEODORE S. FIORITO, Newark, N. J. Filed Dec. 10, 1937.

Ted Fio Rito

Trade-mark consists of a facsimile of the applicant's adopted signature.
For Sheet Music.
Claims use since Aug. 1, 1931.

Ser. No. 405,969. PICOT LABORATORIES, INC., Wilmington, Del. Filed May 3, 1938.

Cancionero Picot

The word "Cancionero" is disclaimed except as shown.
For Periodical Publication.
Claims use since 1928.

Ser. No. 407,613. WATERLOW & SONS LIMITED, London, England. Filed June 17, 1938.

ROTAGLIO

For Bonds, Share Warrants, Postage and Revenue Stamps; and Printed Labels and Tickets Sold as Such.
Claims use since Feb. 11, 1938.

Ser. No. 408,821. STANLEY H. OSHAN, New York, N. Y. Filed July 19, 1938.

CARD-O-LOG

For Folded Business Card of One or More Sheets and Containing Printed Matter or Advertising Material Sold as Such in Trade.
Claims use since June 1, 1938.

CLASS 39

Clothing

Ser. No. 395,815. C. M. DE LAND, New York, N. Y. Filed July 30, 1937.



For Women's Wraps, Coats, and Skirts.
Claims use since July, 1932.

Ser. No. 403,946. GOODYEAR FOOTWEAR CORPORATION, Providence, R. I. Filed Mar. 11, 1938.



Applicant disclaims the word "Goodyear" apart from the mark.
For Rubber, Canvas, and Leather Footwear—Namely, Shoes, Overshoes, Boots, Rubbers, Sandals, Slippers, and Gaiters.
Claims use since Feb. 2, 1938.

Ser. No. 404,651. R. LOWENBAUM MANUFACTURING CO., St. Louis, Mo. Filed Mar. 30, 1938.

Top-Flight

For Ladies' and Misses' Frocks and House and Street Dresses.
Claims use since Mar. 1, 1938.

Ser. No. 409,017. WEINBERG CORPORATION, Chicago, Ill. Filed July 28, 1938.

Cameroon

For Men's Suits, Overcoats, and Topcoats.
Claims use since Nov. 18, 1937.

Ser. No. 409,203. CLARENCE L. MEYERS & CO., Philadelphia, Pa. Filed Aug. 3, 1938.

Herrinit

For Hosiery.
Claims use since June 15, 1938.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 404,217. GROSS-SYDNEY INC., New York, N. Y. Filed Mar. 18, 1938.

HOP-SEED

For Silk, Acetates, Woolen, Worsted, Linen, Tropical, and Rayon Piece Goods.
Claims use since Jan. 18, 1938.

Ser. No. 406,289. GROSS-SYDNEY INC., New York, N. Y. Filed May 13, 1938.

TISSUELIN

For Silk, Acetates, Woolen, Worsted, Linen, Tropical, and Rayon Piece Goods.
Claims use since Jan. 18, 1938.

Ser. No. 408,134. WM. A. ROTHHOLZ CO., INC., New York, N. Y. Filed July 1, 1938.

WARCO-MOTH PROOFED

The words "Moth" and "Proofed" are disclaimed apart from the mark.
For Moth Proofed Woolen Textile Fabrics in the Piece.
Claims use since Feb. 3, 1938.

Ser. No. 409,320. LEVINSOHN BROS. & CO., INC., New York, N. Y. Filed Aug. 6, 1938.

STEEL-SPUN

The word "Spun" is disclaimed except as shown.
For Woolen Cloth Piece Goods and Mixed Wool and Cotton Cloth Piece Goods.
Claims use since July 15, 1938.

Ser. No. 409,711. BRIGGS F. SPACH CO., INC., New York, N. Y. Filed Aug. 17, 1938.

PICK-A-BACK

For Piece Goods of Linen, Cotton, Linen and Cotton, Cotton and Wool, Rayon, Silk and Rayon.
Claims use since July 22, 1938.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 366,290. MODERN HEALTH PRODUCTS, INC., Milwaukee, Wis., now by change of name Modern Diet Products, Inc., a corporation of Delaware. Filed June 17, 1935.



Applicant disclaims from the mark the words "Potassium Broth."
For Vegetable Preparation Comprising Dehydrated Vegetables Rich in Potassium, Including Carrots, Parsley, Onions, Spinach, Celery, Beets, Lettuce, and Turnip Leaves.
Claims use since December, 1933.

Ser. No. 387,679. MARTIN W. PRETORIUS, Burbank, Calif. Filed Jan. 11, 1937.



The words "Endorsed by" are disclaimed apart from the mark.
For Prepared Health Foods—Namely, Preparations of Dehydrated Vegetables Containing Vitamins and Salts.
Claims use since Apr. 1, 1935.

Ser. No. 392,084. CHAMPION ORANGE COMPANY, Redlands, Calif. Filed Apr. 30, 1937.

CHAMPION

No claim is made to the word "Champion" apart from the mark.
For Fresh Oranges.
Claims use since 1907.

Ser. No. 397,538. KELLOGG COMPANY, Battle Creek, Mich. Filed Sept. 18, 1937.

HEXITE

For Live Stock Feed, Poultry Feed, Rabbit Feed, and Food for Foxes and Other Carnivorous Animals.
Claims use since Nov. 29, 1916.

Ser. No. 399,113. TRAFICANTI BROTHERS, Chicago, Ill. Filed Oct. 29, 1937.

Garden Veg

For Alimentary Pastes.
Claims use since Jan. 1, 1934.

Ser. No. 402,186. HUNTER PACKING COMPANY, East St. Louis, Ill. Filed Jan. 21, 1938.

HUNTER

No claim is made to the outline of the label.
For Dog Food.
Claims use since June, 1934.

Ser. No. 402,779. IRVIN LAMBERT, New York, N. Y. Filed Feb. 7, 1938.

ADULT
Sea Vegetable Food

START RIGHT

No claim is made to the words "Adult Sea Vegetable Food" apart from the mark. The portrait is fanciful.
For Concentrated Sea Vegetable Food in Powder Form to Be Used as a Seasoning.
Claims use since Jan. 20, 1938.

Ser. No. 403,734. PENGUIN PIE CO., Los Angeles, Calif. Filed Mar. 5, 1938.

PENGUIN PIE

For Combined Cake and Ice Cream Bar.
Claims use since Jan. 14, 1938.

Ser. No. 405,050. ATLAS CANNING COMPANY, INC., New York and Glendale, N. Y. Filed Apr. 9, 1938.

HAPPY DOG

The word "Dog" is disclaimed apart from the mark.
Canned Food for Dogs, Cats, and Carnivorous Animals.
Claims use since 1933.

Ser. No. 405,170. R. H. MACY & CO., INC., New York, N. Y. Filed Apr. 12, 1938.

The drawing is lined for brown, green, and buff. No claim is made to the representation of a label per se.
For Ice Cream Mixes, Canned Fruits, Canned Vegetables, Macaroons, Coffee, Puddings, Crackers, Canned Soups, Cocoa, Canned Shell Fish, Sausages, Condensed Milk, and Toast.
Claims use since October, 1930.

Ser. No. 405,300. C. ROY HUNTER, doing business as Royal Date Gardens, Indio, Calif. Filed Apr. 15, 1938.

Siestas

For Date Confections in Candy or Bar Form.
Claims use since Apr. 2, 1938.

Ser. No. 405,746. ROYAL FLOUR COMPANY, doing business as Liberty Mills, Nashville, Tenn. Filed Apr. 18, 1938.

DAUNTLESS

The applicant is the present owner of registration No. 109,220, Mar. 28, 1916.
For Wheat Flour.
Claims use since Jan. 1, 1931.

Ser. No. 406,873. NEW RICHMOND ROLLER MILLS COMPANY, New Richmond, Wis. Filed May 28, 1938.

PUFTEES

For Puffed Grains or Cereals, to wit, Toasted Wheat and Toasted Rice.
Claims use since May 12, 1938.

Ser. No. 406,973. HILLSBORO-QUEEN ANNE COOPERATIVE CORP., Baltimore, Md. Filed June 1, 1938.

Queen Anne

Applicant is now the owner of trade-mark registration 332,669.
For Canned Vegetables.
Claims use since Apr. 11, 1911.

Ser. No. 407,383. NATIONAL BISCUIT COMPANY, New York, N. Y. Filed June 11, 1938.

Cubs

For Whole Wheat Cereal.
Claims use since June 10, 1938.

Ser. No. 407,652. ALLIED MILLS, INC., Chicago, Ill. Filed June 20, 1938.

SOY-COT PELLETS

The words "Soy" and "Pellets" are disclaimed apart from the mark.
For Livestock Feeds.
Claims use since Oct. 12, 1937.

Ser. No. 407,848. BRIGHT BISCUIT COMPANY, INC., Kansas City, Kans. Filed June 24, 1938.

BettyBright

The portrait is fanciful.
For Crackers.
Claims use since May 18, 1938.

Ser. No. 407,933. CHARLES W. ARMSTRONG, Malone, N. Y. Filed June 27, 1938.

SUPER SAUCE

The word "Sauce" is disclaimed apart from the mark.
For Food Sauce for Use on Meats, Seafoods, and Vegetables.
Claims use since Jan. 1, 1938.

Ser. No. 408,449. BOSCO COMPANY, New York, N. Y. Filed July 13, 1938.

COBOSS

For Chocolate Syrups for Mixture with Milk and for Use as a Chocolate Flavoring Material.
Claims use since Aug. 5, 1937.

Ser. No. 408,567. THE EPSTEIN-NEVAS CO., doing business as Flagmaid Products Company, Stamford, Conn. Filed July 16, 1938.

FLAGMAID

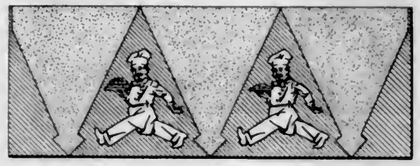
For Canned Fruits, Canned Vegetables, Canned Fish, Grapefruit Juice for Food Purposes, and Cider Vinegar.
Claims use since June 5, 1933.

Ser. No. 408,656. GRACE OSBORNE, Pittsburgh, Pa. Filed July 19, 1938.

O-LEVEN

No claim is made to the word "Leven" apart from the mark.
For Bread.
Claims use since August, 1935.

Ser. No. 409,043. LEVER BROTHERS COMPANY, Cambridge, Mass. Filed July 29, 1938.



The drawing is lined for green and stippled for cream or buff. No claim is made to the representation of a label or wrapper per se.
For Vegetable Shortening.
Claims use since July 18, 1938.

Ser. No. 409,442. SOCIEDAD ANÓNIMA MACKINNON & COELHO LTDA. COMPAÑIA YERBATERA, Buenos Aires, Argentina. Filed Aug. 10, 1938.



SALUS
ILEX ARGENTINIENSIS
INDUSTRIA ARGENTINA

Applicant is also the proprietor of registration No. 289,781, dated Dec. 8, 1931. The portrait of a woman is fanciful. All wording except "Salus" is disclaimed apart from the mark.
For Yerba Mate (Paraguayan Tea).
Claims use since May 23, 1923.

CLASS 47

Wines

Ser. No. 402,161. ACHAIA-CLAUSS WINE COMPANY, LTD., New York, N. Y. Filed Jan. 21, 1938. Under 10-year proviso.



For Wines.
Claims use since 1893.

Ser. No. 402,162. ACHAIA-CLAUSS WINE COMPANY, LTD., New York, N. Y. Filed Jan. 21, 1938. Under 10-year proviso.

ACHAIA

MAVRO DAPHNE

For Wines.
Claims use since 1893.

Ser. No. 402,163. ACHAIA-CLAUSS WINE COMPANY, LTD., New York, N. Y. Filed Jan. 21, 1938. Under 10-year proviso.

MAVRO DAPHNE

For Wines.
Claims use since 1893.

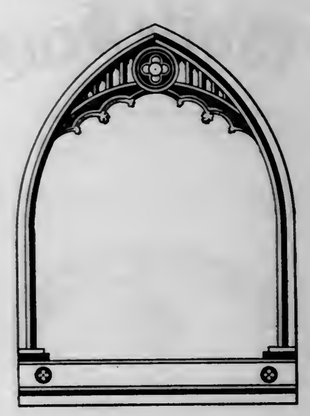
Ser. No. 406,863. GRIERSON, OLDHAM & COMPANY LIMITED, London, England. Filed May 28, 1938.



Liebfraumilch
Aus dem Klosterkeller

Applicant disclaims the verbiage apart from the mark as a whole.
For Wines.
Claims use since January, 1928.

Ser. No. 409,187. CALIFORNIA WINE PRODUCTS CORPORATION, Jersey City, N. J. Filed Aug. 3, 1938.



For Wines.
Claims use since Nov. 8, 1937.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 405,188. DUNCAN WESTON & COMPANY LIMITED, London, England. Filed Apr. 12, 1938.



For Whisky.
Claims use since January, 1934.

Ser. No. 407,820. RIPY BROS. DISTILLERS, INCORPORATED, Tyrone, Ky., assignor to T. B. Ripy Distillers, Inc., Lawrenceburg, Ky., a corporation of Kentucky. Filed June 23, 1938.

T. B. RIPY

FATHER TO SON SINCE 1831

The words "T. B. Ripy" are disclaimed apart from the mark.
For Whisky.
Claims use since Mar. 29, 1938.

Ser. No. 409,467. THE HAMBURGER COMPANY, Chicago, Ill. Filed Aug. 11, 1938.

White Scot

For Blended and Scotch Type Whiskies.
Claims use since Mar. 11, 1934.

Ser. No. 409,910. CLUFF & PICKERING, LTD., New York, N. Y. Filed Aug. 24, 1938.

QUEEN VICTORIA

For Scotch Whisky.
Claims use since Nov. 9, 1936.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 408,517. SHOE FORM CO., INC., Auburn, N. Y. Filed July 14, 1938.

TIP-TOE

For Hosiery Forms.
Claims use since July, 1937.

Ser. No. 409,248. WEBSTER RUBBER COMPANY, Sabattus, Maine. Filed Aug. 4, 1938.

KITCHEN MATRON

For General Utility Implement Particularly Useful as a Sink Scraper or Scoop, as a Squeegee for Cleaning Windows, or as a Scraper, Cleaner, or Scoop for Plates, Dishes, Pots, Pans, or Like Kitchen Utensils.
Claims use since May 15, 1938.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

OCTOBER 4, 1938

360,919. PREPARED EDIBLE CHOCOLATE. LAMONT, CORLISS & COMPANY, New York, N. Y.
Filed January 7, 1936. Serial No. 373,421. PUBLISHED JULY 26, 1938. Class 46.

360,920. GLUE. I. F. LAUCKS, INC., Seattle, Wash.
Filed February 26, 1936. Serial No. 375,255. PUBLISHED AUGUST 2, 1938. Class 5.

360,921. GRADUATED BOTTLES, BEAKERS, FLASKS, RETORTS, ALL OF GLASS FOR LABORATORY USE; TEST GLASSES, MEASURING RECEPTACLES, AND WATER GAUGE GLASSES. JENAER GLASWERK SCHOTT & GEN., Jena, Germany.
Filed March 19, 1936. Serial No. 376,159. PUBLISHED JULY 26, 1938. Class 26.

360,922. GRADUATED BOTTLES, BEAKERS, FLASKS, RETORTS, ALL OF GLASS FOR LABORATORY USE; TEST GLASSES, MEASURING RECEPTACLES AND WATER GAUGE GLASSES. JENAER GLASWERK SCHOTT & GEN., Jena, Germany.
Filed May 28, 1936. Serial No. 378,964. PUBLISHED JULY 26, 1938. Class 26.

360,923. BRANDY. A. MORAMARCO, doing business as California Mission Vintage Co., Los Angeles, Calif.
Filed July 20, 1936. Serial No. 381,213. PUBLISHED JULY 5, 1938. Class 49.

360,924. COMPOUND OF VEGETABLE OILS AND SKIMMED MILK AS A FOOD PRODUCT. THOMAS L. CARROLL, doing business as The Modern Milk Products Co., Chicago, Ill.
Filed September 26, 1936. Serial No. 383,673. PUBLISHED JULY 26, 1938. Class 46.

360,925. EGGS AND HAMS. GIMBEL BROTHERS, INC., New York, N. Y.
Filed November 3, 1936. Serial No. 385,093. PUBLISHED JULY 26, 1938. Class 46.

360,926. WRAPPING PAPERS, PAPER ENVELOPES, SHEATHING PAPERS, BOOK PAPERS, CARD BOARD PAPERS, COVER PAPERS, SECOND SHEET PAPERS, AND SEPARATE PAPERS (NOT CONTINUOUS-FORM STATIONERY OR INTERCONNECTED SHEETS OR STATIONERY). THE UNION PAPER & TWINE COMPANY, Cleveland, Ohio.
Filed November 25, 1936. Serial No. 386,231. PUBLISHED JULY 26, 1938. Class 37.

360,927. HAND OPERATED, ELECTRIC MOTOR OPERATED, AND PNEUMATICALLY OPERATED LUBRICANT DISPENSERS AND COMPRESSORS; LUBRICANT RECEIVING FITTINGS, COUPLERS FOR CONNECTING LUBRICANT COMPRESSORS WITH SUCH FITTINGS, AND GREASE GUNS. STEWART-WARNER CORPORATION, Chicago, Ill.
Filed December 4, 1936. Serial No. 386,564. PUBLISHED JULY 26, 1938. Class 23.

360,928. MAGAZINE PUBLISHED AT REGULAR INTERVALS. PAN AMERICAN AIRWAYS, INC., New York, N. Y.
Filed January 8, 1937. Serial No. 387,612. PUBLISHED JULY 26, 1938. Class 38.

360,929. AUTOMATIC ELECTRIC TRAFFIC CONTROL SIGNALING SYSTEMS AND APPARATUS FOR OPERATING ROAD TRAFFIC SIGNAL LIGHTS, ETC. AUTOMATIC SIGNAL CORPORATION, New York, N. Y.
Filed March 12, 1937. Serial No. 389,971. PUBLISHED MAY 10, 1938. Class 21.

360,930. AUTOMATIC ELECTRIC TRAFFIC CONTROL SIGNALLING SYSTEMS AND APPARATUS FOR OPERATING ROAD TRAFFIC SIGNAL LIGHTS, ETC. AUTOMATIC SIGNAL CORPORATION, New York, N. Y.
Filed March 12, 1937. Serial No. 389,972. PUBLISHED JULY 26, 1938. Class 21.

360,931. CREAM CHEESE. PEVELY DAIRY COMPANY, St. Louis, Mo.
Filed March 19, 1937. Serial No. 390,281. PUBLISHED JULY 26, 1938. Class 46.

360,932. PACKAGE OF PRINTING PAPER. TILESTON & HOLLINGSWORTH COMPANY, Boston, Mass.
Filed March 26, 1937. Serial No. 390,568. PUBLISHED JULY 26, 1938. Class 37.

360,933. PROPHYLACTIC RUBBER ARTICLES USED FOR THE PREVENTION OF CONTAGIOUS DISEASES. EXCELLO HYGIENIC PRODUCTS CORPORATION, New York, N. Y., assignor, by mesne assignments, to Meyer Cohen, New York, N. Y.
Filed April 5, 1937. Serial No. 390,953. PUBLISHED JULY 26, 1938. Class 44.

360,934. STERILE MEDIUM MADE OF SAND, CHARCOAL, AND LEATHER FIBRE TO FACILITATE THE GROWTH OF SEEDS, CUTTINGS, AND SEEDLINGS. THE OSMO GARDEN COMPANY, Philadelphia, Pa.
Filed April 24, 1937. Serial No. 391,823. PUBLISHED JULY 26, 1938. Class 50.

360,935. CANDIES. AUBREY T. DALY, Washington, D. C.
Filed April 27, 1937. Serial No. 391,902. PUBLISHED JULY 26, 1938. Class 46.

360,936. FOOD CONCENTRATE OR SUPPLEMENT CONTAINING MINERALS FOR ADDITION TO POULTRY, HOG, CALF, AND CATTLE CEREAL FEEDS. LAPP LABORATORIES, INCORPORATED, Nevada, Iowa.
Filed May 3, 1937. Serial No. 392,220. PUBLISHED JULY 26, 1938. Class 46.

360,937. CANNED FRUITS, CANNED VEGETABLES, CANNED FISH, AND CANNED FRUIT JUICES FOR FOOD PURPOSES. STANDARD WHOLESALE GROCREY CO., Chicago, Ill.
Filed May 8, 1937. Serial No. 392,506. PUBLISHED JULY 26, 1938. Class 46.

360,938. SAUCES FOR USE WITH EGGS, CHOPS, MEATS, BACON, FISH, GAME, SALADS, POULTRY, CHEESE, ETC. EDMOND BULLIARD, doing business as Evangeline Pepper & Food Products, St. Martinville, La.
Filed May 13, 1937. Serial No. 392,678. PUBLISHED JULY 26, 1938. Class 46.

360,939. CANNED FRUITS AND CANNED VEGETABLES. GAROFALO BROS. CO., Chicago, Ill.
Filed May 13, 1937. Serial No. 392,686. PUBLISHED JULY 26, 1938. Class 46.

360,940. CANNED FRUITS AND CANNED VEGETABLES. GAROFALO BROS. CO., Chicago, Ill.
Filed May 13, 1937. Serial No. 392,687. PUBLISHED JULY 26, 1938. Class 46.

360,941. PREPARED FLOUR FOR BREAD, WAFFLES, DOUGHNUTS, AND CAKE, FOR DOUGHNUTS AND FOR CAKE. DOUGHNUT CORPORATION OF AMERICA, New York, N. Y., also doing business as Fixt Products, Ellicott City, Md.
Filed June 16, 1937. Serial No. 394,130. PUBLISHED JULY 26, 1938. Class 46.

360,942. FUR SKINS. BRICKNER & BERNFELD, INC., New York, N. Y.
Filed June 28, 1937. Serial No. 394,574. PUBLISHED JULY 26, 1938. Class 1.

360,943. ELECTRICAL LUMINAIRES. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa.
Filed July 10, 1937. Serial No. 395,104. PUBLISHED JULY 26, 1938. Class 21.

360,944. DRINKING GLASSES, FRUIT CUPS, BERRY DISHES, AND STEMWARE, ALL MADE OF GLASS. LIBBEY GLASS COMPANY, Toledo, Ohio.
Filed August 13, 1937. Serial No. 396,366. PUBLISHED JULY 26, 1938. Class 33.

360,945. FRUIT JAM. HYMAN J. AROESTY, doing business as Aroesty Products, Rochester, N. Y.
Filed August 17, 1937. Serial No. 396,485. PUBLISHED JULY 26, 1938. Class 46.

360,946. WATCH CRYSTALS. C. & E. MARSHALL CO., Chicago, Ill.
Filed August 23, 1937. Serial No. 396,687. PUBLISHED JANUARY 18, 1938. Class 33.

360,947. ELECTRICALLY-INSULATING VARNISHED PRODUCTS — NAMELY, ELECTRICALLY-INSULATING VARNISHED-CAMBRIC ADHESIVE TAPE, ELECTRICALLY-INSULATING VARNISH-SATURATED SLEEVING, AND ELECTRICALLY-INSULATING VARNISHED TUBING. NEPPERHAN SALES COMPANY, INC., New York, N. Y.
Filed August 25, 1937. Serial No. 396,745. PUBLISHED JULY 26, 1938. Class 21.

360,948. FRESH CITRUS FRUITS. PIOWATY BROS. INC., Chicago, Ill.
Filed September 16, 1937. Serial No. 397,485. PUBLISHED JULY 26, 1938. Class 46.

360,949. ICE CREAM. FOREMOST DAIRIES, INC., Jacksonville, Fla.
Filed September 30, 1937. Serial No. 397,967. PUBLISHED JULY 26, 1938. Class 46.

360,950. PLOWS. HAZEL TINNEY, Alamogordo, N. Mex.
Filed September 30, 1937. Serial No. 397,989. PUBLISHED JULY 26, 1938. Class 23.

360,951. PLATE GLASS, CRYSTAL GLASS. SOCIETE ANONYME BORALEX, Le Quesnoy, France.
Filed October 8, 1937. Serial No. 398,275. PUBLISHED JULY 26, 1938. Class 33.

360,952. BICYCLES. MONARK SILVER KING, INC., Chicago, Ill.
Filed November 1, 1937. Serial No. 399,196. PUBLISHED JULY 26, 1938. Class 19.

360,953. FILMS, FOIL, OR SHEETS COMPRISING CHIEFLY ETHYL CELLULOSE, WHETHER TRANSPARENT, OPAQUE, COLORED OR UNCOLORED, EMBOSSED, ORNAMENTED, OR PLAIN, WITH OR WITHOUT PLASTICIZERS AND ADDITIONAL MOISTURE-PROOFING AGENTS INCORPORATED THEREIN. THE DOW CHEMICAL COMPANY, Midland, Mich.
Filed November 6, 1937. Serial No. 399,403. PUBLISHED JULY 26, 1938. Class 37.

360,954. CRUSHED ROCK. IOWA LIMESTONE COMPANY, Des Moines, Iowa.
Filed November 12, 1937. Serial No. 399,663. PUBLISHED JULY 26, 1938. Class 1.

360,955. PAPERHANGER KITS AND WALLPAPER TOOL KITS AND WALLPAPER TOOLS. AMERICAN BRUSH CORPORATION, Chicago, Ill.
Filed November 19, 1937. Serial No. 399,916. PUBLISHED JULY 26, 1938. Class 23.

360,956. COMPOSITE MATERIAL COMPRISING SUSPENSIONS OF POLARIZING PARTICLES IN A LIGHT-TRANSMITTING MEDIUM ADAPTED TO BE USED IN CONNECTION WITH OPTICAL DEVICES SUCH AS MICROSCOPE EYEPIECES, GLARE ELIMINATORS, VARIABLE DENSITY DIAPHRAGMS, POLARISCOPES, GEM TESTERS, AND THE LIKE. SHEET POLARIZER COMPANY, INC., Union City, N. J.
Filed November 20, 1937. Serial No. 400,038. PUBLISHED JULY 26, 1938. Class 26.

360,957. SOAP, SHAVING CREAM, SOAP POWDER, LIQUID SOAP, AND A DRY CLEANER COMPOSITION. FRAILEY PRODUCTS, INC., Norwalk, Conn.
Filed November 29, 1937. Serial No. 400,230. PUBLISHED JULY 26, 1938. Class 4.

360,958. DENTURE REBASES. L. ROMAINE YOUNG, INC., Seattle, Wash.
Filed November 29, 1937. Serial No. 400,270. PUBLISHED JULY 26, 1938. Class 44.

360,959. NEWSPAPER ARTICLES. CHRISTY WALSH, doing business as The Christy Walsh Management, New York, N. Y.
Filed December 10, 1937. Serial No. 400,710. PUBLISHED JULY 26, 1938. Class 38.

360,960. STEEL FENCE POSTS AND STEEL POSTS FOR SUPPORTING SIGNS AND BILLBOARDS. SWEET'S STEEL COMPANY, Williamsport, Pa.
Filed December 13, 1937. Serial No. 400,805. PUBLISHED JULY 26, 1938. Class 13.

360,961. ELECTRIC CARBON DIOXIDE LAMPS OF HIGH AND LOW VOLTAGE AND PARTS THEREOF, SUCH AS GASEOUS CONDUCTION TUBES, ETC. BARKON-FRINK TUBE LIGHTING CORPORATION, Long Island City, N. Y.
Filed December 22, 1937. Serial No. 401,131. PUBLISHED JULY 26, 1938. Class 21.

360,962. ELECTRIC CARBON DIOXIDE LAMPS OF HIGH AND LOW VOLTAGE AND PARTS THEREOF, SUCH AS GASEOUS CONDUCTION TUBES, ETC. BARKON-FRINK TUBE LIGHTING CORPORATION, Long Island City, N. Y.
Filed December 22, 1937. Serial No. 401,132. PUBLISHED JULY 26, 1938. Class 21.

360,963. MECHANICAL REMOTE CONTROL DEVICES WITH A FLEXIBLE CABLE RUNNING THROUGH A CONDUIT, THE FLEXIBLE CABLE CONNECTED UP TO LEVER SYSTEMS AT THE ENDS AND BEING ABLE TO TRANSMIT PUSH, PULL, AND ROTARY MOTION. M. R. C. LIMITED, London, England.
Filed December 22, 1937. Serial No. 401,158. PUBLISHED JULY 26, 1938. Class 23.

360,964. LIQUID WAXING COMPOUNDS. ROSELUX CHEMICAL CO. INC., New York, N. Y.
Filed December 28, 1937. Serial No. 401,318. PUBLISHED JULY 26, 1938. Class 16.

360,965. WRAPPING PAPER, BUTCHER PAPER, WAX PAPER, PAPER NAPKINS, PAPER TOWELS, PAPER DOILIES, TOILET TISSUE, ETC. BENJAMIN B. STERLING, doing business as Southwestern Mill Distributors, El Paso, Tex.
Filed December 31, 1937. Serial No. 401,454. PUBLISHED JULY 26, 1938. Class 37.

360,966. LABORATORY EQUIPMENT—PORCELAIN FILTERING CRUCIBLES, PORCELAIN IMMERSION FILTER TUBES, PORCELAIN IGNITION DISHES, ETC. FISH-SCHURMAN CORPORATION, New York, N. Y.
Filed January 4, 1938. Serial No. 401,526. PUBLISHED JULY 26, 1938. Class 26.

360,967. BAKING SODA FOR USE AS AN INGREDIENT IN THE PREPARATION OF FOODS. CHURCH & DWIGHT CO. INC., New York, N. Y.
Filed January 11, 1938. Serial No. 401,764. PUBLISHED JULY 26, 1938. Class 46.

360,968. PERIODICAL. SIEBEL PUBLISHING COMPANY, Chicago, Ill.
Filed January 11, 1938. Serial No. 401,792. PUBLISHED JULY 26, 1938. Class 38.

360,969. SECTION OF A NEWSPAPER. PHILADELPHIA DAILY NEWS, INC., Philadelphia, Pa.
Filed January 21, 1938. Serial No. 402,202. PUBLISHED JULY 26, 1938. Class 38.

360,970. PAPER FASTENERS, PRONGS FOR PAPER FASTENERS AND PRONG EXTENDERS AND PARTS THEREOF. PARROT SPEED FASTENER CORP., New York and Long Island City, N. Y.
Filed January 24, 1938. Serial No. 402,271. PUBLISHED JULY 26, 1938. Class 37.

360,971. LIGHTING GLASSWARE. N. V. PHILIPS' GLOEILAMPENFABRIEKEN, Eindhoven, Netherlands.
Filed January 25, 1938. Serial No. 402,310. PUBLISHED JULY 26, 1938. Class 34.

360,972. RAZOR BLADES. WESTMINSTER STEEL COMPANY, New York, N. Y.
Filed February 5, 1938. Serial No. 402,751. PUBLISHED JULY 26, 1938. Class 23.

360,973. GIN AND SLOE GIN. MISSION DRY CORPORATION, Los Angeles, Calif.
Filed February 14, 1938. Serial No. 403,012. PUBLISHED JULY 5, 1938. Class 49.

360,974. GIN AND SLOE GIN. MISSION DRY CORPORATION, Los Angeles, Calif.
Filed February 14, 1938. Serial No. 403,013. PUBLISHED JULY 26, 1938. Class 49.

360,975. FISH—PARTICULARLY HADDOCK FILLET, FILLET OF SOLE, RED FISH FILLET, OCEAN PIKE FILLET, SLICED CODFISH, SLICED SABLE, SLICED SALMON, SLICED HALIBUT, SLICED CATFISH, SMOKED WHITING, SMOKED KIPPERED SMELTS, SMOKED FILLET, AND HERRING STICKS. THOMAS SLADE GORTON, JR., doing business as Slade Gorton Company, Chicago, Ill.
Filed February 18, 1938. Serial No. 403,175. PUBLISHED JULY 26, 1938. Class 46.

360,976. BOX COVERS, DISPLAY BOXES, CONTAINERS, AND FRONTS FOR CONTAINERS, MADE FROM PLASTIC MATERIAL. CELLULOID CORPORATION, Newark, N. J.
Filed March 3, 1938. Serial No. 403,636. PUBLISHED JULY 26, 1938. Class 2.

360,977. PREPARATION IN POWDERED FORM, FOR FROSTINGS, FILLINGS, SAUCES, FUDGE, AND ICE CREAM. CORN PRODUCTS REFINING COMPANY, New York, N. Y.
Filed March 4, 1938. Serial No. 403,677. PUBLISHED JULY 26, 1938. Class 46.

360,978. RAYON PIECE GOODS. ARTHUR S. HEIMAN, New York, N. Y.
Filed March 4, 1938. Serial No. 403,687. PUBLISHED JULY 26, 1938. Class 42.

360,979. RAKES AND PARTS THEREOF. THE C-K-R COMPANY, Cleveland, Ohio, assignor to The American Fork & Hoe Company, Cleveland, Ohio, a corporation of Ohio.
Filed March 7, 1938. Serial No. 403,755. PUBLISHED JULY 26, 1938. Class 23.

360,980. FOX PELTS AND LIVE FOXES. KELMOOR FOX AND FUR FARM, INC., Thompson, Ohio.
Filed March 8, 1938. Serial No. 403,821. PUBLISHED JULY 26, 1938. Class 1.

360,981. ADVERTISING FIGURES, DEVICES, AND DISPLAY SETTINGS. W. L. STENSGAARD & ASSOCIATES, INC., Chicago, Ill.
Filed March 11, 1938. Serial No. 403,971. PUBLISHED JULY 26, 1938. Class 50.

360,982. SLIDE FASTENERS. THE BOYE NEEDLE COMPANY, Chicago, Ill.
Filed March 14, 1938. Serial No. 404,028. PUBLISHED JULY 26, 1938. Class 13.

360,983. SAWMILL AND MINING MACHINERY, ACCESSORIES, AND PARTS—AS FOLLOWS, ELECTRIC DOGS, ELECTRIC SETWORKS, AIR DOGS, ETC. THE PRESCOTT COMPANY, Menominee, Mich.
Filed March 14, 1938. Serial No. 404,056. PUBLISHED JULY 26, 1938. Class 23.

360,984. FLY BOXES. FORD H. DORMIRE, Fenton, Mich.
Filed March 16, 1938. Serial No. 404,124. PUBLISHED JULY 26, 1938. Class 22.

360,985. BUTTER. KOBACKER STORES, INC., TIEDTKE DIVISION, Toledo, Ohio.
Filed March 18, 1938. Serial No. 404,220. PUBLISHED JULY 26, 1938. Class 46.

360,986. HIGH TENSION ELECTRICAL INSULATORS. PORCELAIN PRODUCTS, INC., Findlay, Ohio.
Filed March 19, 1938. Serial No. 404,265. PUBLISHED JULY 26, 1938. Class 21.

360,987. PET FOODS—NAMELY, FOODS FOR FISH. JOSEPH FUCHS, doing business as Longlife Fish Food Products, Union City, N. J.
Filed March 23, 1938. Serial No. 404,406. PUBLISHED JULY 12, 1938. Class 46.

360,988. CANDY—NAMELY, HONEY FLAVORED NUT CRISP AND CHOCOLATE CANDIES. ANTHONY CAIRO, doing business as Edith Cavell Candy Company, Chicago, Ill.
Filed March 28, 1938. Serial No. 404,562. PUBLISHED JULY 26, 1938. Class 46.

360,989. CLEAR AND PIGMENTED SYNTHETIC ENAMELS FOR METALLIC AND OTHER SURFACES. LEON FINCH LTD., Los Angeles, Calif.
Filed March 30, 1938. Serial No. 404,636. PUBLISHED JULY 26, 1938. Class 16.

360,990. CLEAR AND PIGMENTED SYNTHETIC ENAMELS FOR AUTOMOTIVE AND INDUSTRIAL WORK. LEON FINCH LTD., Los Angeles, Calif.
Filed March 30, 1938. Serial No. 404,637. PUBLISHED JULY 26, 1938. Class 16.

360,991. CANNED CITRUS FRUIT JUICES FOR FOOD PURPOSES. DESERT CITRUS PRODUCTS ASSOCIATION, Tempe, Ariz.
Filed April 4, 1938. Serial No. 404,836. PUBLISHED JULY 26, 1938. Class 46.

360,992. MAYONNAISE, SALAD DRESSING, AND SANDWICH SPREAD. NORTH AMERICAN FOOD CORPORATION, New York, N. Y.
Filed April 6, 1938. Serial No. 404,951. PUBLISHED JULY 26, 1938. Class 46.

360,993. HOUSE ORGAN ISSUED QUARTERLY. JAMES LEES & SONS COMPANY, Bridgeport, Pa.
Filed April 7, 1938. Serial No. 404,994. PUBLISHED JULY 26, 1938. Class 38.

360,994. SMOKING TOBACCO. EMPIRE TOBACCO COMPANY, Kansas City, Mo.
Filed April 9, 1938. Serial No. 405,062. PUBLISHED JULY 26, 1938. Class 17.

360,995. SMOKING TOBACCO. EMPIRE TOBACCO COMPANY, Kansas City, Mo.
Filed April 9, 1938. Serial No. 405,063. PUBLISHED JULY 26, 1938. Class 17.

360,996. WINES. SUNNY HILLS WINERIES, INC., Chicago, Ill.
Filed April 11, 1938. Serial No. 405,138. PUBLISHED JULY 26, 1938. Class 47.

360,997. CLEANSING TISSUES. VELDOWN COMPANY, INC., New York, N. Y.
Filed April 13, 1938. Serial No. 405,228. PUBLISHED JULY 26, 1938. Class 37.

360,998. CATAMENIAL BANDAGES. VELDOWN COMPANY, INC., New York, N. Y.
Filed April 13, 1938. Serial No. 405,230. PUBLISHED JULY 26, 1938. Class 44.

360,999. PAPER BAGS FOR POTATOES. ALBERT MILLER & CO., Chicago, Ill.
Filed April 14, 1938. Serial No. 405,263. PUBLISHED JULY 26, 1938. Class 2.

361,000. BEDROOM FURNITURE—NAMELY, BEDS, CHAIRS, TABLES, VANITIES, NIGHT STANDS, DRESSERS, CHESTS, CHESTROBES, ETC. LEO A. JIRANEK, New York, N. Y.
Filed April 18, 1938. Serial No. 405,391. PUBLISHED JULY 26, 1938. Class 32.

361,001. BEDROOM FURNITURE—NAMELY, BEDS, CHAIRS, TABLES, VANITIES, NIGHT STANDS, DRESSERS, CHESTS, CHESTROBES, ETC. LEO A. JIRANEK, New York, N. Y.
Filed April 18, 1938. Serial No. 405,392. PUBLISHED JULY 26, 1938. Class 32.

361,002. TALKING MOTION PICTURE FILMS. ERPI CLASSROOM FILMS INC., New York, N. Y.
Filed April 20, 1938. Serial No. 405,491. PUBLISHED JULY 26, 1938. Class 26.

361,003. SOYBEAN GRITS BEING A GRANULAR EDIBLE SOYBEAN PRODUCT. THE GLIDDEN COMPANY, Cleveland Ohio.
Filed April 20, 1938. Serial No. 405,500. PUBLISHED JULY 26, 1938. Class 46.

361,004. ZWIEBACK. UNITED BISCUIT COMPANY, Chicago, Ill.
Filed April 20, 1938. Serial No. 405,532. PUBLISHED JULY 26, 1938. Class 46.

361,005. ELECTRIC LAMP BULBS. ROBERT G. WERNER, doing business as Northern Incandescent Lamp Company, Hoboken, N. J.
Filed April 20, 1938. Serial No. 405,535. PUBLISHED JULY 26, 1938. Class 21.

361,006. DEVICE FOR THE MEASUREMENT OF EMOTIONS AND THE DETECTION OF DECEPTION. WALTER G. SUMMERS, New York, N. Y.
Filed April 22, 1938. Serial No. 405,623. PUBLISHED JULY 26, 1938. Class 26.

361,007. ELECTRIC LAMPS. LA MODE STUDIOS, INC., New York, N. Y.
Filed April 25, 1938. Serial No. 405,700. PUBLISHED JULY 26, 1938. Class 21.

361,008. REEDS FOR MUSICAL INSTRUMENTS. OTTO LINK & Co. INC., New York, N. Y.
Filed April 26, 1938. Serial No. 405,730. PUBLISHED JULY 26, 1938. Class 36.

361,009. TRANSPARENT PROTECTIVE COVER FOR JACKETS AND BOOK COVERS. MELVIN T. KAFKA, New York, N. Y.
Filed April 27, 1938. Serial No. 405,776. PUBLISHED JULY 26, 1938. Class 37.

361,010. SERIES OF SPECIAL ARTICLES FOR INSERTION AND PUBLICATION IN AND BY NEWSPAPERS AND PERIODICALS. FRANK R. SALSINGER, Wyoming, Pa.
Filed April 30, 1938. Serial No. 405,897. PUBLISHED JULY 26, 1938. Class 38.

361,011. CHEESECLOTH. COLONIAL TEXTILES, INC., New York, N. Y.
Filed May 2, 1938. Serial No. 405,915. PUBLISHED JULY 26, 1938. Class 42.

361,012. SALESBOOKS, SALES SLIPS, AND STATEMENTS MADE UP OF PRINTED FORMS. J. W. GRIFFIN, doing business as Atlanta Salesbook Company, Atlanta, Ga.
Filed May 2, 1938. Serial No. 405,926. PUBLISHED JULY 26, 1938. Class 37.

361,013. MOPS. O-CEDAR CORP'N, Chicago, Ill.
Filed May 2, 1938. Serial No. 405,934. PUBLISHED JULY 26, 1938. Class 29.

361,014. WOOD-CASED LEAD PENCILS, MECHANICAL LEAD PENCILS, AND FOLDERS, ENVELOPES, AND BOOKS TO CONTAIN THE SAME. PICTOGRAF CORPORATION, Carson City, Nev., and Hollywood, Calif.
Filed May 3, 1938. Serial No. 405,970. PUBLISHED JULY 26, 1938. Class 37.

361,015. CLEANING COMPOUND HAVING INCIDENTAL DEODORIZING DISINFECTING, AND BLEACHING PROPERTIES. ROSELUX CHEMICAL CO., INC., New York, N. Y.
Filed May 3, 1938. Serial No. 405,971. PUBLISHED JULY 26, 1938. Class 4.

361,016. FILTER AIDS PREPARED FROM DIATOMACEOUS EARTH. NEW HAMPSHIRE DIATOMITE COMPANY, Portsmouth, N. H.
Filed May 5, 1938. Serial No. 406,028. PUBLISHED JULY 26, 1938. Class 31.

361,017. GAS RANGES. LIT BROTHERS, Philadelphia, Pa.
Filed May 6, 1938. Serial No. 406,062. PUBLISHED JULY 26, 1938. Class 34.

361,018. DIETI-CUM CLAY. LUVOS CLAY COMPANY OF AMERICA, Los Angeles, Calif.
Filed May 6, 1938. Serial No. 406,079. PUBLISHED JULY 26, 1938. Class 1.

361,019. PHOTOGRAPHIC AND PHOTO-ENGRAVING PRODUCT—NAMELY, STRIPFILM, A FILM SUPPORTED OR BACKED ON PAPER WHICH AFTER BEING CHEMICALLY TREATED THROUGH DEVELOPMENT IS SEPARATED FROM THE PAPER BACKING AND STRIPPED ONTO GLASS. CHEMCO PHOTOPRODUCTS COMPANY, Glen Cove, N. Y.
Filed May 7, 1938. Serial No. 406,090. PUBLISHED JULY 26, 1938. Class 26.

361,020. WINES. QUALITY BRANDS, INC., San Francisco, Calif.
Filed May 7, 1938. Serial No. 406,099. PUBLISHED JULY 26, 1938. Class 47.

361,021. AIR CONDITIONING UNITS. GOVERNAIR CORPORATION, Oklahoma City, Okla.
Filed May 9, 1938. Serial No. 406,130. PUBLISHED JULY 26, 1938. Class 34.

361,022. BABY CARRIAGES. WELSH Co., St. Louis, Mo.
Filed May 9, 1938. Serial No. 406,159. PUBLISHED JULY 26, 1938. Class 19.

361,023. CORN SYRUP. AMERICAN MAIZE-PRODUCTS COMPANY, New York, N. Y.
Filed May 10, 1938. Serial No. 406,166. PUBLISHED JULY 26, 1938. Class 46.

361,024. SPRING SASH BALANCES. ALBERT H. KERSTING, doing business as Acme Spring Sash Balance Co., Los Angeles, Calif.
Filed May 11, 1938. Serial No. 406,220. PUBLISHED JULY 26, 1938. Class 13.

361,025. PERIODICAL PUBLICATION. PETROLEUM REGISTER CORPORATION, New York, N. Y.
Filed May 11, 1938. Serial No. 406,225. PUBLISHED JULY 26, 1938. Class 38.

361,026. WHISKY. TRAIN & MCINTYRE, LIMITED, Glasgow, Scotland.
Filed May 11, 1938. Serial No. 406,234. PUBLISHED JULY 26, 1938. Class 49.

361,027. COATED PAPER. BEN MONT PAPERS, INC., Bennington, Vt.
Filed May 12, 1938. Serial No. 406,237. PUBLISHED JULY 26, 1938. Class 37.

361,028. MEN'S AND YOUNGER MEN'S CLOTHING—NAMELY, SUITS, COATS, PANTS, VESTS, TOPCOATS, AND OVERCOATS. FASHION PLATE CLOTHES, INC., New York, N. Y., assignor to Hausman, Newman and Miller, Inc., New York, N. Y.
Filed May 12, 1938. Serial No. 406,244. PUBLISHED JULY 12, 1938. Class 39.

361,029. CAPS FOR RECEPTACLES. RALPH W. WILSON COMPANY, INC., New York, N. Y.
Filed May 12, 1938. Serial No. 406,266. PUBLISHED JULY 26, 1938. Class 50.

361,030. WINES. GEFFEN INDUSTRIES, INC., Long Island City, N. Y.
Filed May 13, 1938. Serial No. 406,270. PUBLISHED JULY 26, 1938. Class 47.

361,031. FRESH DECIDUOUS FRUITS, FRESH CITRUS FRUITS, FRESH VEGETABLES, FRESH MELONS, AND CANNED OLIVE OIL. MORENO BROS., INC., Los Angeles, Calif.
Filed May 13, 1938. Serial No. 406,299. PUBLISHED JULY 26, 1938. Class 46.

361,032. DECORATED, PRINTED, AND ORNAMENTED KNITTED AND WOVEN TEXTILE PIECE GOODS, WHICH PIECE GOODS MAY BE CREPE GOODS, FLAT GOODS, OR PILE GOODS AND MAY CONSIST OF COTTON, SILK, LINEN, WOOL, OR MIXTURES THEREOF. VELVERAY CORPORATION OF AMERICA, New York, N. Y.
Filed May 13, 1938. Serial No. 406,309. PUBLISHED JULY 26, 1938. Class 42.

361,033. DECORATED, PRINTED, AND ORNAMENTED KNITTED AND WOVEN TEXTILE PIECE GOODS, WHICH PIECE GOODS MAY BE CREPE GOODS, FLAT GOODS, OR PILE GOODS AND MAY CONSIST OF COTTON, SILK, LINEN, WOOL, OR MIXTURES THEREOF. VELVERAY CORPORATION OF AMERICA, New York, N. Y.
Filed May 13, 1938. Serial No. 406,311. PUBLISHED JULY 26, 1938. Class 42.

361,034. DECORATED, PRINTED, AND ORNAMENTED KNITTED AND WOVEN TEXTILE PIECE GOODS, WHICH PIECE GOODS MAY BE CREPE GOODS, FLAT GOODS, OR PILE GOODS AND MAY CONSIST OF COTTON, SILK, LINEN, WOOL, OR MIXTURES THEREOF. VELVERAY CORPORATION OF AMERICA, New York, N. Y.
Filed May 13, 1938. Serial No. 406,312. PUBLISHED JULY 26, 1938. Class 42.

361,035. SADDLES. THE DENVER DRY GOODS Co., Denver, Colo.
Filed May 16, 1938. Serial No. 406,376. PUBLISHED JULY 26, 1938. Class 3.

361,036. CATAMENIAL GARMENTS AND MORE PARTICULARLY SUCH GARMENTS AS ARE KNOWN IN THE TRADE AS SANITARY PANTS. LOVIE KARRANT, doing business as LO.K.-Manufacturing Co., Claremore, Okla.
Filed May 16, 1938. Serial No. 406,385. PUBLISHED JULY 26, 1938. Class 44.

361,037. CANNED FRUITS AND VEGETABLES, JAMS, CANNED BEANS WITH PORK, CANNED HOMINY, CANNED TOMATO CATSUP, CANNED FRUIT SALAD, CANNED APPLESAUCE, CANNED SPICED PEACHES, CANNED SAUERKRAUT, CANNED CHOW CHOW, AND CANNED SAUERKRAUT JUICE FOR FOOD PURPOSES. PAT LOGSTON, doing business as Southern Cooperative Canneries, Los Angeles, Calif.
Filed May 16, 1938. Serial No. 406,389. PUBLISHED JULY 19, 1938. Class 46.

361,038. CANNED FRUITS, CANNED VEGETABLES, CANNED HOMINY, CANNED BEANS WITH PORK, AND JELLIES. PAT LOGSTON, doing business as Southern Cooperative Canneries, Los Angeles, Calif.
Filed May 16, 1938. Serial No. 406,390. PUBLISHED JULY 26, 1938. Class 46.

361,039. ART PORCELAIN AND STONEWARE FIGURES OF HUMANS AND ANIMALS. AKTIESELSKABET BING & GRØNDAHLS PORCELLÆNSFABRIK, Copenhagen, Denmark.
Filed May 17, 1938. Serial No. 406,411. PUBLISHED JULY 26, 1938. Class 50.

361,040. DIRECTORY OF THE WINE AND LIQUOR TRADES PUBLISHED FROM TIME TO TIME. ATLAS PUBLISHING COMPANY, INC., New York, N. Y.
Filed May 18, 1938. Serial No. 406,435. PUBLISHED JULY 26, 1938. Class 38.

361,041. VACUUM BOTTLES. MCCRORY STORES CORPORATION, New York, N. Y.
Filed May 18, 1938. Serial No. 406,460. PUBLISHED JULY 26, 1938. Class 2.

361,042. GUMMED PAPER TAPE. MID-STATES GUMMED PAPER Co., Chicago, Ill.
Filed May 18, 1938. Serial No. 406,462. PUBLISHED JULY 26, 1938. Class 37.

361,043. COMIC DRAWINGS PUBLISHED IN A SERIES IN DAILY AND SUNDAY NEWSPAPERS. UNITED FEATURE SYNDICATE, INC., New York, N. Y.
Filed May 18, 1938. Serial No. 406,480. PUBLISHED JULY 26, 1938. Class 38.

361,044. PERIODICAL PUBLICATION. CURRENT IDEAS PUBLISHING COMPANY, Chicago, Ill.
Filed May 19, 1938. Serial No. 406,504. PUBLISHED JULY 26, 1938. Class 38.

361,045. PAPERBOARD OR CORRUGATED PAPERBOARD STORAGE RECEPTACLES. ODORA COMPANY, INC., New York, N. Y.
Filed May 19, 1938. Serial No. 406,524. PUBLISHED JULY 26, 1938. Class 2.

361,046. GARMENT HANGER PROTECTORS, TROUSERS AND PANTS GUARDS. PROTEX PRODUCTS Co., INC., Jersey City, N. J.
Filed May 19, 1938. Serial No. 406,525. PUBLISHED JULY 26, 1938. Class 50.

361,047. BASE METAL STEAK PLATTERS. FOSTER L. TALGE, doing business as Rival Manufacturing Company, Kansas City, Mo.
Filed May 19, 1938. Serial No. 406,534. PUBLISHED JULY 26, 1938. Class 13.

361,048. SANITARY NAPKINS. GOLDSMITH BROS., New York, N. Y.
Filed May 20, 1938. Serial No. 406,551. PUBLISHED JULY 26, 1938. Class 44.

361,049. FRESH GRAPES. MORSE & SKINNER, Lodi, Calif.
Filed May 20, 1938. Serial No. 406,559. PUBLISHED JULY 26, 1938. Class 46.

361,050. RANGE FINDER FOR CAMERAS. L. OPPLEMAN, INC., New York, N. Y.
Filed May 21, 1938. Serial No. 406,599. PUBLISHED JULY 26, 1938. Class 26.

361,051. TYPEWRITING MACHINES. L. C. SMITH & CORONA TYPEWRITERS, INC., Syracuse, N. Y.
Filed May 21, 1938. Serial No. 406,605. PUBLISHED JULY 26, 1938. Class 23.

361,052. PADDLE TO BE USED FOR PLAYING A PADDLE AND PEG GAME. PIG PEGGY COMPANY, Brockton, Mass.
Filed May 23, 1938. Serial No. 406,669. PUBLISHED JULY 26, 1938. Class 22.

361,053. RADIO RECEIVING SETS, TELEVISION RECEIVING SETS, KITS FOR RADIO RECEIVING SETS, KITS FOR TELEVISION RECEIVING SETS, ETC. RCA MANUFACTURING COMPANY, INC., Camden, N. J.
Filed May 26, 1938. Serial No. 406,670. PUBLISHED JULY 26, 1938. Class 21.

361,054. PISTONS. ALUMINUM INDUSTRIES, INC., Cincinnati, Ohio.
Filed May 26, 1938. Serial No. 406,743. PUBLISHED JULY 26, 1938. Class 23.

361,055. RYE FLOUR AND RYE MEAL. BAY STATE MILLING Co., Winona, Minn.
Filed May 26, 1938. Serial No. 406,745. PUBLISHED JULY 26, 1938. Class 46.

361,056. BLANKETS MADE WHOLLY OF COTTON. BEACON MANUFACTURING COMPANY, Swannanoa, N. C.
Filed May 26, 1938. Serial No. 406,746. PUBLISHED JULY 26, 1938. Class 42.

361,057. BAGS OF COTTON OR OTHER FABRIC. FULTON BAG & COTTON MILLS, Atlanta, Ga.
Filed May 26, 1938. Serial No. 406,756. PUBLISHED JULY 26, 1938. Class 2.

361,058. GREETING CARDS, CALENDARS, AND DECORATIVE PRINTED TAGS. NORCROSS, New York, N. Y.
Filed May 26, 1938. Serial No. 406,771. PUBLISHED JULY 26, 1938. Class 38.

361,059. FAUCETS FOR USE ON OIL AND GAS DRUMS. WAGNER SPECIALTY COMPANY, Burlington, Wis.
Filed May 26, 1938. Serial No. 406,790. PUBLISHED JULY 26, 1938. Class 13.

361,060. FURNITURE—NAMELY, CHESTS, DRESSERS, VANITIES, SPRINGS, MATTRESSES, TABLES, CHAIRS, COMMODES, SOFAS, SETTEES, OTTOMANS, BUFFETS, CHINA CLOSETS, CUPBOARDS, CABINETS, SERVERS, CONSOLES, DESKS, SECRETARIES, AND BREAKFRONTS. MALLARY, INC., New Rochelle, N. Y.
Filed May 27, 1938. Serial No. 406,817. PUBLISHED JULY 26, 1938. Class 32.

361,061. COMBINE HARVESTERS. THE MASSEY-HARRIS COMPANY, Racine, Wis.
Filed May 27, 1938. Serial No. 406,818. PUBLISHED JULY 26, 1938. Class 23.

361,062. AIR CONDITIONERS. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa.
Filed May 27, 1938. Serial No. 406,843. PUBLISHED JULY 26, 1938. Class 34.

361,063. SILK PIECE GOODS. ONONDAGA SILK COMPANY, INC., New York, N. Y.
Filed May 28, 1938. Serial No. 406,874. PUBLISHED JULY 26, 1938. Class 42.

361,064. WOOLEN PIECE GOODS. PARKER, WILDER & Co., New York, N. Y.
Filed May 28, 1938. Serial No. 406,877. PUBLISHED JULY 26, 1938. Class 42.

361,065. FRUIT JUICES FOR FOOD PURPOSES. WALKER & SELLERS, Tampa, Fla.
Filed May 28, 1938. Serial No. 406,893. PUBLISHED JULY 26, 1938. Class 46.

361,066. FRUIT JUICES FOR FOOD PURPOSES. WALKER & SELLERS, Tampa, Fla.
Filed May 28, 1938. Serial No. 406,894. PUBLISHED JULY 26, 1938. Class 46.

361,067. FISH LINES. HALL HARDWARE COMPANY, Minneapolis, Minn.
Filed May 31, 1938. Serial No. 406,923. PUBLISHED JULY 26, 1938. Class 22.

361,068. COFFEE. MAURICE SHER, doing business as The Glass Bowl, Columbus, Ohio.
Filed May 31, 1938. Serial No. 406,946. PUBLISHED JULY 26, 1938. Class 46.

361,069. ITALIAN SPAGHETTI SAUCE. ANTHONY CIAMPA, Bolivar, N. Y.
Filed June 1, 1938. Serial No. 406,959. PUBLISHED JULY 26, 1938. Class 46.

361,070. GIN. THE DISTILLERS COMPANY, LIMITED, Linden, N. J., and New York, N. Y.
Filed June 1, 1938. Serial No. 406,963. PUBLISHED JULY 26, 1938. Class 49.

361,071. FABRICS IN THE PIECE OF WORSTED FLANNEL, COTTON, SILK, RAYON, WOOL, LINEN, AND/OR COMBINATIONS THEREOF. LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I.
Filed June 1, 1938. Serial No. 406,981. PUBLISHED JULY 26, 1938. Class 42.

361,072. CARD GAME AND ITS ACCESSORIES. ROBERT MOREY, New Haven, Conn.
Filed June 1, 1938. Serial No. 406,983. PUBLISHED JULY 26, 1938. Class 22.

361,073. SPECIALLY BUILT CONTAINER FOR PORTABLE MUSIC STANDS AND THE LIKE. H. & A. SELMER, INCORPORATED, Elkhart, Ind.
Filed June 1, 1938. Serial No. 406,987. PUBLISHED AUGUST 2, 1938. Class 2.

361,074. GAME PIECES FOR USE IN PLAYING "JACKS". SELCHOW & RIGHTER COMPANY, New York, N. Y.
Filed June 2, 1938. Serial No. 407,037. PUBLISHED JULY 26, 1938. Class 22.

361,075. PIECE GOODS IN COTTON, LINEN, WOOL, RAYON, AND SILK, AND MIXTURES THEREOF. HAROLD FABRICS, New York, N. Y.
Filed June 3, 1938. Serial No. 407,062. PUBLISHED JULY 26, 1938. Class 42.

361,076. STEEL IN THE FORM OF BARS, BLOCKS, DISCS, AND PIECES, ALL OF VARIOUS SIZES. FIRTH-STERLING STEEL COMPANY, McKeesport, Pa.
Filed June 4, 1938. Serial No. 407,096. PUBLISHED JULY 26, 1938. Class 14.

361,077. FRESH CITRUS FRUIT. CORONA FOOTHILL LEMON COMPANY, Corona, Calif.
Filed June 6, 1938. Serial No. 407,133. PUBLISHED JULY 26, 1938. Class 46.

361,078. FRESH VEGETABLES, FRESH DECIDUOUS FRUITS, FRESH CITRUS FRUITS, CANNED FRUITS, AND CANNED VEGETABLES. D'ARRIGO BROS. COMPANY, San Jose, Calif.
Filed June 6, 1938. Serial No. 407,135. PUBLISHED JULY 26, 1938. Class 46.

361,079. PLANT FOOD. RAY T. PARFET, doing business as Cosmic-Ray Enterprises, Kalamazoo, Mich.
Filed June 8, 1938. Serial No. 407,240. PUBLISHED AUGUST 2, 1938. Class 10.

361,080. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND FOR SYRUPS, EXTRACTS, AND FLAVORS USED IN MAKING THE SAME. BOSTONIA BEVERAGES, INC., also doing business as Nine Grand Products Company, Natick, Mass.
Filed June 9, 1938. Serial No. 407,258. PUBLISHED JULY 26, 1938. Class 45.

361,081. PAPER CUPS. NON-SPIL PAPER CUP CORP., New York and Brooklyn, N. Y.
Filed June 9, 1938. Serial No. 407,274. PUBLISHED AUGUST 2, 1938. Class 2.

361,082. NONALCOHOLIC BEVERAGES SOLD AS SOFT DRINKS, AND SYRUPS, EXTRACTS, AND CONCENTRATES USED IN MAKING THE SAME. VALENJU, INCORPORATED, Chicago, Ill.
Filed June 11, 1938. Serial No. 407,399. PUBLISHED JULY 26, 1938. Class 45.

361,083. NONALCOHOLIC BEVERAGES SOLD AS SOFT DRINKS, AND SYRUPS, EXTRACTS, AND CONCENTRATES USED IN MAKING THE SAME. VALENJU, INCORPORATED, Chicago, Ill.
Filed June 11, 1938. Serial No. 407,401. PUBLISHED JULY 26, 1938. Class 45.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

361,084. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) PATCHOGUE-PLYMOUTH MILLS CORPORATION, New York, N. Y. Filed Dec. 22, 1936. Serial No. 387,048.

Ripple Top

For Nottingham Lace Curtains.
Claims use since Nov. 10, 1936.

361,085. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FUR'S-WOOL, INC., New York, N. Y. Filed Feb. 18, 1937. Serial No. 389,062.

FUR'S-WOOL

For Piece Goods in the Form of Interlinings Made of Cloth Such as Cheese Cloth or Other Loosely Woven Cloth of Cotton and the Like and a Multiplicity of Hairs Clipped From the Pelts of Animals Such as Rabbits, Containing a Substantial Quantity of Wool, for Garments.
Claims use since Jan. 27, 1937.

361,086. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE GLIDDEN COMPANY, Cleveland, Ohio. Filed May 19, 1937. Serial No. 392,977.

NEV-A-RUST

For Metal Protective Paint.
Claims use since Mar. 29, 1904.

361,087. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN LAHOUD, Caracas, Venezuela. Filed May 25, 1937. Serial No. 393,219.

JOHN LAHOUD

For Palm Oil, Face Powders, Hand Lotions, Brilliantine, Perfumes, Rouge, Lipsticks, Dental Creams, Dental Pastes, Eyelash Pencils, and Perfumed Extracts.
Claims use since Dec. 1, 1935.

361,088. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SARNAY PRODUCTS, INC., New York, N. Y. Filed May 26, 1937. Serial No. 393,465.

KORIUM

For Medicated Cream for the Treatment of Diseases of the Skin.
Claims use since Mar. 16, 1937.

361,089. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NATIONAL KREAM CO. INC., Brooklyn, N. Y.

THIN-COTE

Filed June 3, 1937. Serial No. 393,677.
For a Chocolate Coating for Edible Substances.
Claims use since Jan. 1, 1937.

361,090. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PARFUMERIE ST. DENIS, New York, N. Y. Filed June 8, 1937. Serial No. 393,816.

TYROLEAN PINE

For Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Obesity Astringents, Dry Rouges, Liquid and Cream Rouges, Face Bleaches, Face Packs; Skin Whitener in Liquid, Cream, and Solid Form; Eyebrow and Eyelash Grower, Eyebrow Pencils, Chemical Preparations Suitable for the Darkening of Eyebrows and Eyelashes, Hand Lotions, Skin Lotions, Aftershaving Lotions, Pomades, Face Powders, Talcum Powders, Body Powders, Sachets, Hair Elixirs, Dandruff Preparations, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lip Sticks, Incense, Tooth Pastes, Nail Creams, Nail Bleaches, Nail Powders, Nail Polishes, Witch-Hazel, Peroxide, Petroleum Jellies, Witch-Hazel Salve, Camphor Creams, Foot Powders, Corn Salves, Deodorants, Disinfectants, Bay Rum, Perfumes, and Toilet Waters.
Claims use since May 17, 1937.

361,091. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PROPHYLACTIC FOOT POWDER CO., Brooklyn, N. Y. Filed Aug. 7, 1937. Serial No. 396,164.



For Foot Powder.
Claims use since July 6, 1937.

361,092. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HARLAN W. GRIMWOOD, doing business as Kendall Cosmetic Co., Plano, Ill. Filed Aug. 16, 1937. Serial No. 396,433.

Kendall

For Preparation for the Prevention and Treatment of Sunburn, and for Use as a Hand Cream.
Claims use since July 22, 1937.

361,093. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE H. & H. MFG. CO., INC., Quidnick, R. I. Filed Aug. 24, 1937. Serial No. 396,715.

Nevaslip

For Textile Piece Goods and Specially Treated Rayon for Linings and the Like.
Claims use since Aug. 16, 1937.

361,094. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SCELTO PACKING CO., New York, N. Y. Filed Sept. 1, 1937. Serial No. 397,004.

SCELTO

For a Compound of Vegetable and Olive Oil.
Claims use since Aug. 26, 1937.

361,095. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PHOENIX PIE COMPANY, Portsmouth, Ohio. Filed Sept. 10, 1937. Serial No. 397,295.

Phoenix Pies

For Pies.
Claims use since Aug. 8, 1931.

361,096. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) OLD DUTCH CHEMICAL COMPANY, Brooklyn, N. Y. Filed Oct. 12, 1937. Serial No. 398,403.

Old Dutch

For Liquid Chlorine Solution Intended for Use as a Bleacher, Germicide, Deodorant, Sterilizer, Disinfectant, Cleanser, and for Removing Stains Such as Scorch or Mildew.
Claims use since 1915.

361,097. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ARKANSAS COMPANY, INC., New York, N. Y. Filed Oct. 30, 1937. Serial No. 399,119.

NEVA-SLIP

For Finishing Compound for Processing Textile Fabrics.
Claims use since July 1, 1937.

361,098. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) BELL & ZOLLER COAL COMPANY, Chicago, Ill. Filed Feb. 11, 1938. Serial No. 402,929.

ZEIGLER
MUCH HOTTER AND CLEANER

For Coal.
Claims use since Oct. 1, 1934.

361,099. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GRAHAM E. HARRIS, doing business as Bowl-Kleen Laboratories, Los Angeles, Calif. Filed Mar. 26, 1938. Serial No. 404,521.

DRAIN KLEEN

For Preparation for Opening Drains, Cleaning Sinks, Ranges, Garbage Cans, Tanks, Tubs, and Other Receptacles Used About the House, Having Incidental Deodorizing and Disinfecting Properties.
Claims use since Mar. 1, 1937.

361,100. (CLASS 39. CLOTHING.) B. SIMS CORPORATION, New York, N. Y. Filed May 12, 1938. Serial No. 406,264.

Tub-it

For Men's, Women's, and Children's Headwear—Namely, Hats, Caps, Turbans, and Bonnets.
Claims use since Mar. 25, 1936.

361,101. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) J. ALLAN HUMPHREY, St. Louis, Mo. Filed May 23, 1938. Serial No. 406,666.

Harriett Arlen

For Cleansing Cream, Tissue Cream, Lipstick, Rouge, and Face Powder.
Claims use since January, 1935.

361,102. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE REVLON NAIL ENAMEL CORPORATION, New York, N. Y. Filed May 28, 1938. Serial No. 406,879.

ADHERON

For Enamel Adapted for Coating Finger Nails.
Claims use since Feb. 19, 1933.

361,103. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) SHOE FORM CO., INC., Auburn, N. Y. Filed May 28, 1938. Serial No. 406,885.

SPRING-TO-FIT

For Shoe Forms.
Claims use since November, 1936.

361,104. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) O'BRIEN VARNISH COMPANY, South Bend, Ind. Filed June 4, 1938. Serial No. 407,107.

Pre-Shrunk

The compound word "Pre-Shrunk" is disclaimed apart from the mark.
For Varnishes, Ready-Mixed Paints, Paint Enamels, and Lacquers.
Claims use since Aug. 19, 1937.

361,105. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PAUL W. MYERS, San Diego, Calif. Filed June 6, 1938. Serial No. 407,173.



For a Steak Uniformly Made of Stacked Thin Slices of Quick Frozen Raw Beef-Steak.
Claims use since July 27, 1935.

361,106. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WINDSOR-LLOYD PRODUCTS INC., Wilmington, Del. Filed June 10, 1938. Serial No. 407,345.

Quik Fix

For Solder Consisting of a Powder Preparation Having Incidental Rust-Retarding Properties and Used for Mending Leaks in Radiators and Cooling Systems of Automobiles and Tractors.
Claims use since April, 1937.

361,107. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) ADJUSTO TRAILERS, INC., Denver, Colo. Filed June 14, 1938. Serial No. 407,454.

Trailwagon

For Trailers.
Claims use since May 21, 1937.

361,108. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NELLIE E. GIMPLE, Joliet, Ill. Filed June 17, 1938. Serial No. 407,591.

Louella Bernham

For Cosmetics—Namely, Wrinkle Cream, Muscle Oil and Tissue Cream, Astringents, Cleansing Cream, and Vegetable Pack.
Claims use since Sept. 24, 1936.

361,109. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) KRAUS BROS. & CO., INC., New York, N. Y. Filed July 7, 1938. Serial No. 408,282.

Old Jenkins

For Whiskies, Gins, and Alcoholic Cordials.
Claims use since March, 1934.

361,110. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PARFAIT POWDER PUFF CO., INC., Chicago, Ill. Filed July 11, 1938. Serial No. 408,397.

PARFAIT PADS for MINUTE facials

For Minute Facials Comprising Softening Lotion, Skin Cleanser, and Powder Base.
Claims use since Jan. 12, 1937.

361,111. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE GRIFFITH LABORATORIES, INC., Chicago, Ill. Filed July 20, 1938. Serial No. 408,706.

PRAGUE POWDER
Makes
"SAFE FAST CURE"

For Salt Composition for Use in Curing Meats and Like Animal Products.
Claims use since Feb. 14, 1934.

361,112. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE GRIFFITH LABORATORIES, INC., Chicago, Ill. Filed July 20, 1938. Serial No. 408,707.

PRAGUE POWDER
Makes
"SHORT TIME CURE"

For Salt Composition for Use in Curing Meats and Like Animal Products.
Claims use since Feb. 14, 1934.

361,113. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE GRIFFITH LABORATORIES, INC., Chicago, Ill. Filed July 20, 1938. Serial No. 408,708.

"SAFE FAST CURE"

For Salt Composition for Use in Curing Meats and Like Animal Products.
Claims use since 1933.

361,114. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GUS H. FRENCH, doing business as The Sanex Company, Minneapolis, Minn. Filed July 25, 1938. Serial No. 408,882.

Wm CLARK'S

For Preparation for Relief of Pains Caused by Rheumatism and Neuralgia.
Claims use since Sept. 1, 1936.

361,115. (CLASS 37. PAPER AND STATIONERY.) HOPPER PAPER COMPANY, Taylorville, Ill. Filed Aug. 6, 1938. Serial No. 409,314.

Sangamon

For Writing, Printing, Lithographing, and Cover Papers and Card Stock.
Claims use since Mar. 13, 1931.

TRADE-MARK REGISTRATIONS RENEWED

15,960. TYPE-WRITING MACHINES. Registered October 23, 1888. STANDARD TYPEWRITER MANUFACTURING COMPANY, New York, N. Y. Re-renewed October 23, 1938, to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware, assignee by mesne assignments.

15,961. TYPE-WRITING MACHINES. Registered October 23, 1888. STANDARD TYPEWRITER MANUFACTURING COMPANY, New York, N. Y. Re-renewed October 23, 1938, to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware, assignee by mesne assignments.

15,962. TYPE-WRITING MACHINES. Registered October 23, 1888. STANDARD TYPEWRITER MANUFACTURING COMPANY, New York, N. Y. Re-renewed October 23, 1938, to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware, assignee by mesne assignments.

16,066. RUBBER BELTING AND HOSE. Registered December 4, 1888. REVERE RUBBER COMPANY, Boston, Mass. Re-renewed December 4, 1938, to United States Rubber Company, New York, N. Y., a corporation of New Jersey, assignee by mesne assignments.

119,173. A PUBLICATION ISSUED WEEKLY. Registered October 30, 1917. THE CLASS JOURNAL CO., New York, N. Y. Renewed October 30, 1937, to Chilton Company, Philadelphia, Pa., a corporation of Delaware, assignee by mesne assignments.

121,935. GOLF-BALLS. Registered June 11, 1918. THE NORTH BRITISH RUBBER COMPANY LTD., Edinburgh, Scotland, a corporation of Great Britain. Renewed June 11, 1938.

122,577. ICE-CREAM. Registered August 27, 1918. CHAPIN-SACKS MANUFACTURING COMPANY. Renewed August 27, 1938, to Southern Dairies, Inc., Washington, D. C., a corporation of Delaware, successor.

122,619. MATTRESSES. Registered August 27, 1918. SEALY MATTRESS CO., Sugar Land, Tex. Renewed August 27, 1938, to Sealy, Incorporated, North Side, Pittsburgh, Pa., a corporation of Delaware, assignee by mesne assignments.

122,620. MATTRESSES. Registered August 27, 1918. SEALY MATTRESS CO., Sugar Land, Tex. Renewed August 27, 1938, to Sealy, Incorporated, North Side, Pittsburgh, Pa., a corporation of Delaware, assignee by mesne assignments.

122,735. SHADE-CLOTH. Registered September 10, 1918. OSWEGO SHADE CLOTH COMPANY, Oswego, N. Y., a corporation of New York. Renewed September 10, 1938.

122,736. SHADE-CLOTH. Registered September 10, 1918. OSWEGO SHADE CLOTH COMPANY, Oswego, N. Y., a corporation of New York. Renewed September 10, 1938.

122,753. COAL-TAR COLORS. Registered September 10, 1918. SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland, a limited liability company of Switzerland. Renewed September 10, 1938.

122,754. PHARMACEUTICAL PRODUCTS TO BE USED AS ANESTHETICS, HYPNOTICS, NARCOTICS, AND SEDATIVES. Registered September 10, 1918. SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland, a limited liability company of Switzerland. Renewed September 10, 1938.

122,755. COAL-TAR COLORS. Registered September 10, 1918. SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland, a limited liability company of Switzerland. Renewed September 10, 1938.

122,756. PHARMACEUTICAL PRODUCTS TO BE USED AS ANESTHETICS, HYPNOTICS, NARCOTICS, SEDATIVES, ANALGESICS, AND ANTIPYRETICS. Registered September 10, 1918. SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland, a limited liability company of Switzerland. Renewed September 10, 1938.

123,201. FLAGS AND BANNERS. Registered October 22, 1918. CHENEY BROTHERS, South Manchester, Conn., a corporation of Connecticut. Renewed October 22, 1938.

123,378. GOLF-BALLS. Registered October 29, 1918. THE NORTH BRITISH RUBBER COMPANY LTD., Edinburgh, Scotland, a corporation of Great Britain. Renewed October 29, 1938.

123,449. BLOTTING-PAPER. Registered November 12, 1918. JOSEPH PARKER & SON COMPANY, New Haven, Conn., a corporation of West Virginia. Renewed November 12, 1938.

123,635. BLOTTING-PAPER. Registered November 19, 1918. JOSEPH PARKER & SON COMPANY, New Haven, Conn., a corporation of West Virginia. Renewed November 19, 1938.

123,921. BLOTTING-PAPER. Registered December 17, 1918. JOSEPH PARKER & SON COMPANY, New Haven, Conn., a corporation of West Virginia. Renewed December 17, 1938.

124,220. CIGARS. Registered January 28, 1919. BOBROW BROS. Renewed January 28, 1939, to Bobrow Bros., Inc., Philadelphia, Pa., a corporation of Pennsylvania, assignee.

124,360. MANUFACTURED FLAGS. Registered February 11, 1919. ANNIN & CO., New York, N. Y., a corporation of New York. Renewed February 11, 1939.

124,530. SPARKLING WINES. Registered February 25, 1919. GARRETT AND COMPANY, INCORPORATED, Penn Yan, N. Y. Renewed February 25, 1939, to Garrett & Company, Inc., Penn Yan and Brooklyn, N. Y., a corporation of New York.

124,558. SEEDS. Registered February 25, 1919. THE J. CHAS. MCCULLOUGH SEED COMPANY, Cincinnati, Ohio, a corporation of Ohio. Renewed February 25, 1939.

124,568. COTTON PIECE GOODS. Registered February 25, 1919. THE FLORENCE MILLS, Forest City, N. C., a corporation of North Carolina. Renewed February 25, 1939.

124,625. CALENDARS. Registered February 25, 1919. FRANK A. WEEKS MFG. CO., New York, N. Y., a corporation of New York. Renewed February 25, 1939.

LABELS

REGISTERED OCTOBER 4, 1938

51,892.—*Title:* SNOOKS. For a Carbonated Beverage. AREN BEVERAGE & SPRING WATER CO., Milwaukee, Wis. Published May 28, 1938.

51,893.—*Title:* BEECH-NUT COFFEE. For Coffee. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published August 25, 1938.

51,894.—*Title:* NORTHERN. For California Grape Brandy. CALIFORNIA WINE COMPANY, INC., Chicago, Ill. Published March 15, 1938.

51,895.—*Title:* MINEOTA. For Straight California Grape Brandy. CALIFORNIA WINE COMPANY, INC., Chicago, Ill. Published January 15, 1938.

51,896.—*Title:* ARRID. For a Cream Deodorant. CARTER PRODUCTS, INC., New York, N. Y. Published September 8, 1938.

51,897.—*Title:* FINE FOOTWEAR. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published August 29, 1938.

51,898.—*Title:* PROPHYLACTIC BATHROOM CLEANSING TISSUE. For Bathroom Cleansing Tissue. CROWN ZELLERBACH CORPORATION, doing business as National Paper Products Company, San Francisco, Calif. Published August 1, 1938.

51,899.—*Title:* PEACOCK SLICED DRIED BEEF. For Dried Beef. CUDAHY BROTHERS CO., Cudahy, Wis. Published August 31, 1938.

51,900.—*Title:* DEBUS RICE BLO-NUPS FOR YOUTHS AND GROWN-UPS. For Prepared Rice in Puffed or Exploded Form. THE DEBUS CORPORATION, Hastings, Nebr. Published July 6, 1938.

51,901.—*Title:* ORIGINAL CAFAY, A SPARKLING BEVERAGE PREPARED FROM FRESHLY BREWED COFFEE, EVERY DROP IS PERFECT. For Carbonated Coffee Beverage. DELAUNAY BEVERAGE COMPANY, INC., New York, N. Y. Published July 1, 1938.

51,902.—*Title:* ENTERPRISE BOHEMIAN BRAND. For Beer. ENTERPRISE BREWING COMPANY, Fall River, Mass. Published March 28, 1938.

51,903.—*Title:* CLYDE. For Cream Ale. ENTERPRISE BREWING COMPANY, Fall River, Mass. Published March 29, 1938.

51,904.—*Title:* WHITE SEAL. For Ale. ENTERPRISE BREWING COMPANY, Fall River, Mass. Published March 29, 1938.

51,905.—*Title:* OLD MARINERS FLAT WHITE BRUSHING PAINT. For Flat White Brushing Paint. THE FEDERAL COMPOSITION & PAINT COMPANY, INC., New York, N. Y. Published May 1, 1938.

51,906.—*Title:* OLD MARINERS STIPPLE FLAT WHITE PAINT. For Stipple Flat White Paint. THE FEDERAL COMPOSITION & PAINT COMPANY, INC., New York, N. Y. Published May 1, 1938.

51,907.—*Title:* AMERICAN FLYER TRAINS. For Trains. THE A. C. GILBERT COMPANY, New Haven, Conn. Published June 20, 1938.

51,908.—*Title:* JOHNSON'S PENETRATING OIL STAIN WOOD DYE. For a Wood Dye. S. C. JOHNSON & SON, INC., Racine, Wis. Published July 21, 1938.

51,909.—*Title:* JOHNSON'S QUICK DRYING WOOD FILLER (PASTE). For a Paste Wood Filler. S. C. JOHNSON & SON, INC., Racine, Wis. Published July 21, 1938.

51,910.—*Title:* TOWN TAVERN. For Straight Rye Whiskey. NATIONAL DISTILLERS PRODUCTS CORPORATION, New York, N. Y. Published September 1, 1938.

51,911.—*Title:* MY-T-FINE. For Lemon Pie Filling. PENICK & FORD, LTD. INCORPORATED, New York, N. Y. Published August 16, 1938.

51,912.—*Title:* FAEMADE UNDIES, APRONS, AND DRESSES. For Undies, Aprons, and Dresses. ROBERT A. WENTZEL, Palmyra, Pa. Published September 7, 1938.

51,913.—*Title:* MERTON LEE'S BRAND. For California Cognac Brandy. WINE CORPORATION OF AMERICA, Chicago, Ill. Published September 15, 1937.

PRINTS

REGISTERED OCTOBER 4, 1938

17,063.—*Title:* NEW INVIS-O-RIB STITCH. For Hosiery. NATIONAL SILK HOSIERY MILLS, INC., Indianapolis, Ind. Published August 10, 1938.

17,064.—*Title:* FAEMADE UNDIES, APRONS, AND DRESSES. For Undies, Aprons, and Dresses. ROBERT A. WENTZEL, Palmyra, Pa. Published September 7, 1938.

REISSUES

OCTOBER 4, 1938

20,869
COMPOSITION TOXIC TO LOWER FORMS OF LIFE

Euclid W. Bousquet, Wilmington, George D. Graves, Holly Oak, and Paul L. Salzberg, Carrcroft, Del., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Original No. 2,030,093, dated February 11, 1936, Serial No. 649,448, December 29, 1932. Application for reissue October 1, 1937, Serial No. 166,858

8 Claims. (Cl. 167—22)

1. A composition toxic to lower forms of life comprising as the active toxic ingredient a substance selected from the group of substances consisting of n-dodecyl alcohol, n-dodecyl esters and n-dodecyl amines and their salts.

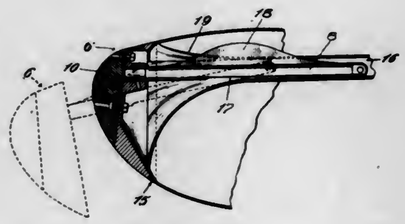
5. A composition toxic to lower forms of life comprising as the active toxic ingredient a compound containing a straight chain of 12 carbon atoms in which one of the end atoms carries hydrogen and a negative, non-metallic atom.

20,870
AIRCRAFT ANCHOR

Alexander P. de Seversky, Asharoken Beach, Northport, N. Y., assignor to Seversky Aircraft Corporation, Farmingdale, N. Y., a corporation of Delaware

Original No. 2,009,356, dated July 23, 1935, Serial No. 582,552, December 22, 1931. Application for reissue July 22, 1937, Serial No. 155,148

9 Claims. (Cl. 244—110)



1. An anchor for aircraft comprising a body engaging element having formed as a part thereof a resilient bumper so positioned that when said anchor is supported in an aircraft said bumper will cushion shocks of objects with which said aircraft may collide.

20,871
SUPPORT AND HAIR COVERING FOR EARPHONES

Edith P. Donoher, Los Angeles, Calif.

Original No. 2,040,246, dated May 12, 1936, Serial No. 757,053, December 11, 1934. Application for reissue January 6, 1938, Serial No. 183,687

12 Claims. (Cl. 181—25)

1. In a device for supporting an earphone, a member adapted to receive and support an earphone, hair-fastening elements on opposite sides of said member for clamping engagement with



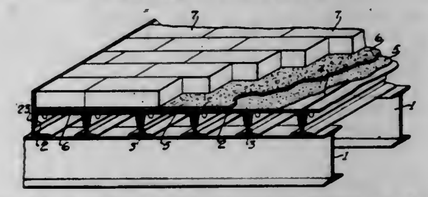
the hair of the wearer to removably support the device in any position against the ear.

20,872
FLOOR SUPPORTING STRUCTURE

Louis Focht, Trenton, N. J.

Original No. 2,120,802, dated June 14, 1938, Serial No. 670,292, May 10, 1933. Application for reissue August 10, 1938, Serial No. 224,225

7 Claims. (Cl. 189—34)



1. As a new article of manufacture, a floor structure for bridges and like purposes comprising a plurality of standard rolled channel members arranged with the exterior surfaces of their flanges closely adjacent one to another and the exterior surfaces of their webs all in substantially one and the same plane forming the upper surface of the structure so assembled, said channel members being combined with a plurality of straight metal members each one of which is confined between two adjacent flanges of said channel members but projects beyond the free edges of said flanges, together with means for rigidly fastening together said flanges and intervening strips in relative positions such that the upper edge of each strip shall be slightly below the plane of the upper surfaces of the webs of said channel members, thereby forming a plurality of slots in the upper surface of the structure into which any plastic composition applied to such upper surface may penetrate to form keying means thereto.

20,873
CONNECTER FOR ELECTRICAL CONDUITS

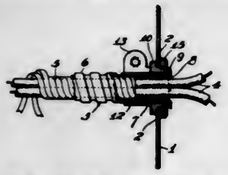
James M. G. Fullman, Sewickley, Pa., assignor, by mesne assignments, to National Electric Products Corporation, a corporation of Delaware

Original No. 1,769,947, dated July 8, 1930, Serial No. 295,550, July 26, 1928. Application for reissue July 20, 1938, Serial No. 220,397

3 Claims. (Cl. 247—25)

2. The combination with a conduit having insulated conductors therein, of a bushing of thin

insulating material having a tubular barrel portion contained between the conduit and the conductors to shield the conductor insulation from the sharp edges of the conduit, and a shoulder bearing against the end of the conduit, and a connecter and means for securing it to the conduit, said connecter having a portion projecting



beyond the end of the conduit and having inwardly projecting means adapted to overhang and bear upon the bushing shoulder and retain the bushing in place, and said connecter having at least one inspection opening through the projecting portion of the connecter which renders the bushing visible when the combination is assembled in a box hole.

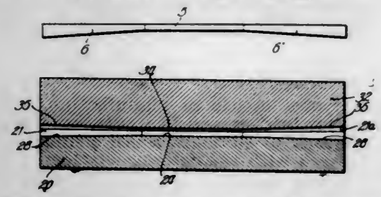
20,874

METHOD OF MAKING RAIL JOINT BARS

George Langford, Joliet, Ill., assignor to McKenna Process Company of Illinois, Joliet, Ill., a corporation of Illinois

Original No. 1,808,468, dated June 2, 1931, Serial No. 438,276, March 24, 1930, which is a division of Serial No. 354,142, April 10, 1929. Application for reissue October 2, 1937, Serial No. 166,979

8 Claims. (Cl. 29—169.1)



5. The method of restoring the fishing surfaces of a worn rail joint bar, consisting in heating the bar and subjecting it to forming pressure, said forming pressure being concentrated upon different selected surfaces at a distance from each other at the central portion of the bar and decreasing in graduated amount to the ends so as to effect a maximum displacement of metal at the central portion of the bar decreasing in graduated amount to the ends without material change of the worn bar's cross-section except in the restored positions of the fishing bearing members at the central portion of the bar.

20,875

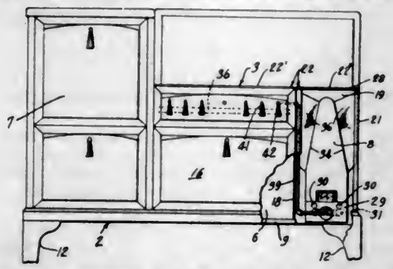
COMBINATION RANGE

Joseph E. Leonard, Berkeley, Calif., assignor to Hammer-Bray Company, Oakland, Calif., a corporation of California

Original No. 1,989,372, dated January 29, 1935, Serial No. 596,950, March 5, 1932. Application for reissue June 11, 1936, Serial No. 84,777

14 Claims. (Cl. 126—4)

1. A cooking stove comprising a rectangular cooking top having a portion thereof substantially closed and an adjoining portion of open grille, a burner disposed beneath and arranged to heat said closed portion and air heating and circulating means disposed beneath and providing for an upward flow of pure unadulterated air through said grille portion, said grille portion



completely overlying said means and extending from said closed portion over substantially the entire remainder of the length and breadth of said top.

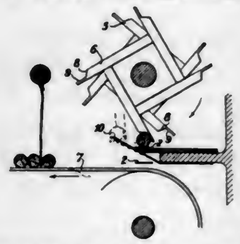
20,876

CIGARETTE MAKING MACHINE

Desmond Walter Molins, Bexley, England

Original No. 1,974,032, dated September 18, 1934, Serial No. 643,509, November 19, 1932. Application for reissue August 3, 1936, Serial No. 94,118. In Great Britain December 2, 1931

4 Claims. (Cl. 198—31)



1. In apparatus for retarding the axial movement of cigarettes emerging from the cutting apparatus of a continuous rod machine, the combination with a member having a cigarette engaging surface extending generally in the direction of axial movement of the cigarettes and partaking of no substantial movement in such direction, of a member movable laterally of the direction of movement of the cigarettes through a path approaching the said surface of the first named member by less than the diameter of a cigarette, whereby the cigarettes are gripped between said members, and a conveyor for receiving and removing laterally the cigarettes thus gripped, one of said members being yieldable laterally of the cigarettes, said second named member being movable past said first named member to effect discharge of cigarettes laterally thereof to said conveyor.

20,877

CAST METALLIC DENTURE

Charles H. Prange, Lyndhurst, N. J., assignor to Austenal Laboratories, Inc., New York, N. Y., a corporation of New York

No Drawing. Original No. 1,958,446, dated May 15, 1934, Serial No. 599,071, March 15, 1932. Application for reissue April 9, 1936, Serial No. 73,586

5 Claims. (Cl. 32—2)

3. As a new article of manufacture, a denture comprising an alloy having cobalt as the principal constituent and containing chromium approximately ten to forty per cent, said alloy denture having the characteristic of slight shrinkage in solidifying.

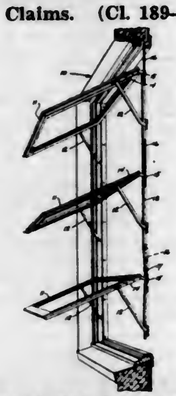
20,878

AWNING TYPE WINDOW

Esmond F. Wiley, Oakland, Calif., assignor to Universal Window Company, Berkeley, Calif., a corporation of California

Original No. 1,934,290, dated November 7, 1933, Serial No. 630,897, August 29, 1932. Application for reissue September 8, 1937, Serial No. 162,911

7 Claims. (Cl. 189—67)



1. A window of the character described comprising a frame, a plurality of swinging sashes mounted in said frame, and connecting mechanism associated with said sashes for connecting said sashes together, said mechanism being capable of operation automatically by manipulation of one sash while the other sashes are disposed at any desired angle to connect said sashes together for operation in unison or permit independent operation of said one sash.

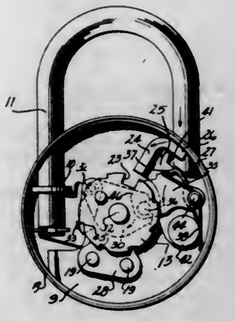
20,879

PERMUTATION LOCK

Robert K. Winning, Wauwatosa, Wis., assignor, by mesne assignments, to The Dudley Lock Corporation, Chicago, Ill., a corporation of Illinois

Original No. 1,888,647, dated November 22, 1932, Serial No. 483,481, September 22, 1930. Application for reissue November 8, 1933, Serial No. 697,209

15 Claims. (Cl. 70—25)



15. In a permutation lock, a locking member, a plurality of tumbler disks having alignable bolt receiving notches, a bolt normally blocking unlocking movement of said member except when the notches of the tumblers are adjusted to register with the bolt for permitting such movement; externally adjustable means including a movable indicator and a cooperating fixed index, said means being connected to the tumbler disks for adjusting them in registered relation; means for engaging at least one of the tumbler disks and movable for shifting it out of adjusted position, and means through which the movement of the locking member results in such movement of the engaging means.

PLANT PATENTS

GRANTED OCTOBER 4, 1938

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

293

APPLE TREE

Thomas Elwood Graham, Kent County, Mich., assignor to Greening Nursery Company, Monroe, Mich., a corporation of Michigan

Original application December 5, 1936, Serial No. 114,505. Divided and this application November 5, 1937, Serial No. 173,017

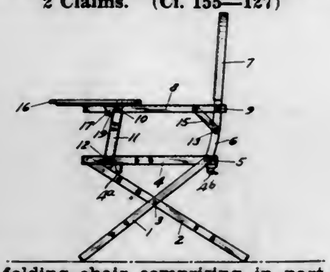
1 Claim. (Cl. 47—62)

A new and distinct variety of apple tree essentially as shown and described, characterized particularly by its earlier bearing age, and the larger size, earlier ripening and more agreeable flavor of the fruit as compared with Northern Spy; also by the striped red-over-yellow-background color of its fruit as described and shown.

PATENTS

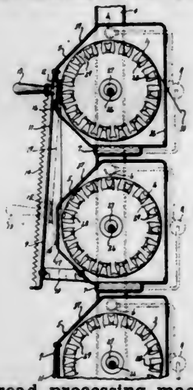
GRANTED OCTOBER 4, 1938

2,131,722
FOLDING CHAIR
Glen J. Arthur, Davenport, Iowa
Application September 22, 1937, Serial No. 165,138
2 Claims. (Cl. 155—127)



1. A folding chair comprising in part a seat member having a back pivotally connected thereto to swing forwardly and backwardly with respect to the seat, into open and folded condition, arms pivotally connected to the back and extending above and substantially parallel to the sides of the seat, posts pivotally connecting the forward end portions of the arms to the sides of the seat member, and a tray slidable on the arms and having downwardly projecting elements having laterally extending ends to engage the arms and guide the tray with respect thereto, said ends being slidable along the under side of said arms into engagement with said posts, and said posts having projections extending forwardly therefrom and upwardly into positions in front of said ends whereby to prevent the tray from being removed from the arms.

2,131,723
METHOD AND APPARATUS FOR TRANSFERRING THREADLIKE ARTICLES
Alden H. Burkholder, Lakewood, Ohio, assignor to Industrial Rayon Corporation, Cleveland, Ohio, a corporation of Delaware
Application July 10, 1933, Serial No. 679,640
Renewed April 16, 1937
14 Claims. (Cl. 18—8)

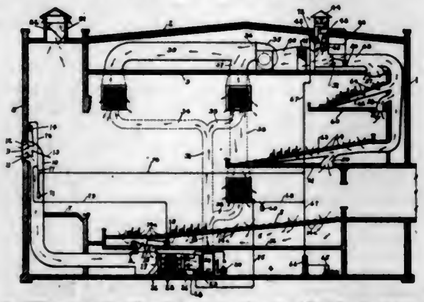


1. In a thread processing machine, the combination which comprises a plurality of rotatable members on each of which the thread is successively temporarily stored for treatment and a thread take-off device positioned adjacent the periphery of each of said members for removing a thread end from one member and positively carrying it to the succeeding member.

2,131,724
CONVERSION OF STARCHY POLYSACCHARIDES
George V. Caesar, New York, N. Y., assignor to Stein, Hall & Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application August 26, 1936, Serial No. 98,071
12 Claims. (Cl. 127—33)

4. The process which consists in heating starch in the air-dry state to a temperature of about 130° C. without destroying the starch structure, then adding about 2% to about 5% urea, and continuing the heating to a temperature at which the urea melts and materially decomposes and a starch conversion product is formed which has substantially the original granular structure of the starch and disperses in water at ordinary temperatures without substantial granular disorganization.

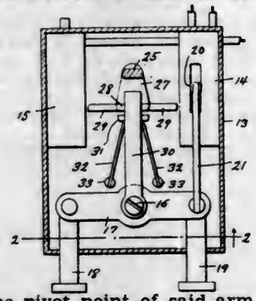
2,131,725
METHOD AND SYSTEM FOR TREATING AIR OR OTHER FLUIDS
Thomas Chester, Detroit, Mich., assignor, by mesne assignments, to Auditorium Conditioning Corporation, New York, N. Y., a corporation of New Jersey
Application October 4, 1932, Serial No. 636,157
3 Claims. (Cl. 98—39)



1. The method of tempering a fluid stream to be supplied to a chamber which comprises feeding a stream of fluid to be tempered into a space having communication with the chamber, simultaneously feeding a second stream of fluid of higher sensible heat into the space, discharging the streams from the space into the chamber, and passing the streams through a perforate obstruction subsequent to their entrance into the space whereby to create turbulent flow of the streams within the space effectively to blend the streams prior to discharge thereof into the chamber.

2,131,726
VEHICLE TRAFFIC SIGNAL SWITCH
Irwin L. Cunningham, Dallas, Tex.
Application July 7, 1936, Serial No. 89,357
3 Claims. (Cl. 200—59)

1. In combination with a steering post, including a casing and a post rotatably mounted within the casing, of a switch casing mounted on the first casing, a double acting switch arranged in the second casing and adapted to be placed in circuit with a vehicular traffic signal device for controlling said device, an arm pivotally mounted within said casing, an operating connection between said arm and said switch for operating the latter, push buttons projecting from said casing and having inner ends pivotally connected with said arm, a stop lug mounted in said casing, a spring latch member secured at one end to said

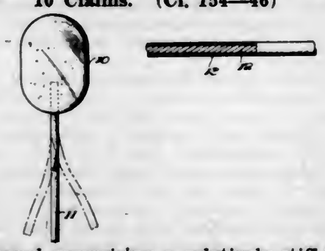


arm at the pivot point of said arm and having a free end engageable with either side of said stop lug for releasably retaining said arm in either of two positions, spring devices mounted at opposite sides of said latch member and having bearing engagement with said latch member for yieldably retaining same in a position with the free end of said latch member resting on the top edge of said lug, and means for raising the free end of said latch member out of engagement with either end edge of the stop lug, and for holding said latch member in a switch-closing position, as and for the purpose specified.

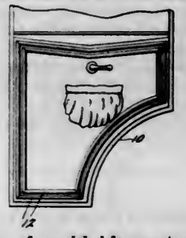
2,131,727
CONFECTION HANDLE AND METHOD OF MAKING SAME
Harry E. Davis, Akron, Ohio
Application December 5, 1936, Serial No. 114,467
5 Claims. (Cl. 99—138)

1. In combination with a confection, a rod-like handle therefor comprising a flexible fibrous core and a smooth, continuous covering of a dry dispersion of compounded rubber intimately associated therewith and imparting flexibility thereto, said core being centered throughout its entire length in said covering, the said handle being rigid enough to hold up the confection for eating yet flexible enough to yield or bend when subjected to a slight endwise pressure.

2,131,728
PANEL
Harry B. Denman, Birmingham, Mich., assignor to Detroit Gasket & Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application January 7, 1935, Serial No. 782
10 Claims. (Cl. 154—46)

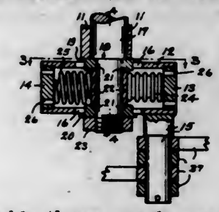


1. A panel comprising a relatively stiff base, a layer of a moldable composition material adhered to said base and forming a raised portion or configuration, and a trim cloth overlying said sheet



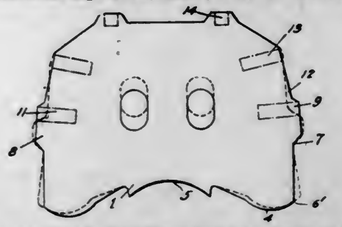
and said layer of moldable material and united to said sheet.

2,131,729
THERMOSTATICALLY CONTROLLED VARIABLE-THROW CRANKPIN MOUNTING DEVICE
Thomas Arthur Fee, Vancouver, British Columbia, Canada, assignor to Gasoline Energy Distributors Limited, Vancouver, British Columbia, Canada, a corporation of British Columbia, Canada
Application April 30, 1935, Serial No. 19,073
10 Claims. (Cl. 74—601)



10. In variable throw crank means, a crank; a crank pin operatively connected with said crank; a shaft slidably mounted on said crank, the distance between the axes of said shaft and said crank pin being thus rendered variable; and thermostatic means interposed between said shaft and one end portion of said crank, said means comprising a chamber formed by bellows and said chamber having two types of liquids therein, one having the same coefficiency of expansion and the second liquid having a higher coefficient of expansion than liquid which may be permitted to contact the exterior of the thermostatic means.

2,131,730
UNIVERSAL FACEPIECE FOR GAS MASKS
Oliver I. Gaines and William A. Fertig, Edgewood, Md.
Application August 12, 1935, Serial No. 35,718
3 Claims. (Cl. 128—141)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A gas mask providing a gas-tight and comfortable fit on a large number of categories of sizes and shapes of adult faces, said mask comprising an impermeable flexible facepiece, lenses

mounted therein with the centers thereof coinciding with the eye centers of that category presenting the smallest of said sizes and shapes of adult faces, the facepiece having two double attachment straps adjacent its periphery on each side, one strap positioned just above and one below the center of said lenses, said straps serving to wrinkle the facepiece inwardly when under tension to thereby form a tight seal on many categories of facial contours.

2,131,731

DIPHENYL DERIVATIVE

Sebastian Gassner and Berthold Bienert, Leverkusen-I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application February 12, 1937, Serial No. 125,433. In Germany October 23, 1935

1 Claim. (Cl. 260—99.30)

As a new product, 3,4-dicyanodiphenyl.

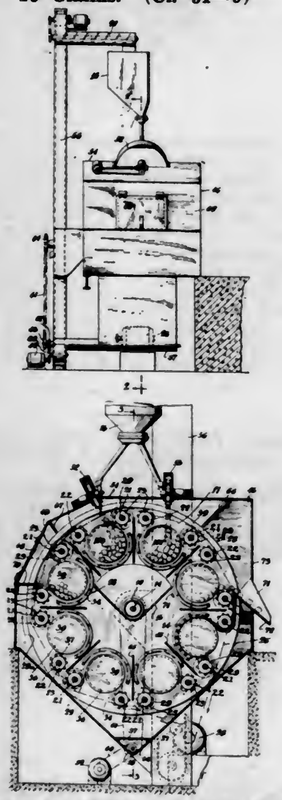
2,131,732

TUMBLING MILL

Charles H. Hammell, Mishawaka, Ind., assignor to The American Foundry Equipment Company, Mishawaka, Ind., a corporation of Delaware

Application March 7, 1938, Serial No. 194,309

16 Claims. (Cl. 51—9)



1. In apparatus of the character described, a conveyor supporting wheel mounted to rotate about an axis, means mounted on said wheel to train a conveyor belt, a conveyor belt trained by the aforesaid means to form a plurality of tumbling barrels disposed about the axis of rotation of said wheel, means to move said conveyor belt along the path of travel provided by said training means, and means to rotate said wheel about its axis of rotation whereby to revolve said barrels in an orbit about said axis of rotation.

2,131,733

CELLULOSE DERIVATIVES

Joseph F. Haskins and Robert W. Maxwell, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application February 1, 1935, Serial No. 4,444

21 Claims. (Cl. 260—152)

1. Process for the preparation of low substituted cellulose glycollic acid, which comprises steeping cellulose (1000 parts) in an aqueous solution of sodium chloroacetate containing approximately 2070 parts of sodium chloroacetate in approximately 5800 parts of water for two hours, pressing the impregnated cellulose to 2000 parts by weight, shredding the pressed impregnated cellulose for one-half hour, and mixing with 600 parts of sodium hydroxide in 1200 parts of water for at least eight hours.

2,131,734

HYDROGENATION OF MONO NITRATED ALKYL BENZENES

Clyde O. Henke, Wilmington, Del., and Roland G. Benner, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application December 8, 1936, Serial No. 114,860

31 Claims. (Cl. 260—130.5)

1. A process for the manufacture of mono amino alkyl benzenes, which comprises catalytically hydrogenating mono nitrated alkyl benzenes in the liquid phase, said hydrogenation being carried out in the presence of a nickel catalyst supported on a siliceous material, an alkaline compound in an amount sufficient to produce the alkalinity obtained when caustic soda is used in amounts of from about 0.006% to about 0.30% by weight of the nitro body, and water in an amount less than that equal to the weight of the nitro body.

22. A process for the manufacture of para toluidine, which comprises catalytically hydrogenating para nitro toluene in the liquid phase, said hydrogenation being carried out in the presence of a nickel catalyst supported on a siliceous material, an alkaline compound in an amount sufficient to produce the alkalinity obtained when caustic soda is used in amounts of from about 0.006% to about 0.30% by weight of the nitro body, and also in the presence of water in an amount less than that equal to the weight of the nitro body.

28. A process for the production of a xylidine, which comprises reacting a nitro xylene with hydrogen at a temperature from about 110° to about 140° C. and a pressure from about 400 to about 500 pounds per square inch in the presence of a nickel-on-kieselguhr catalyst and caustic soda in the amount from about 0.30% to about 0.16% by weight of the nitro compound and also in the presence of water from about 5% to about 6% by weight of the nitro compound.

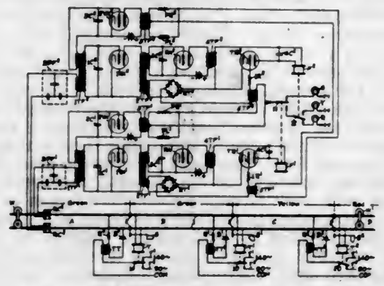
2,131,735

CONTINUOUS INDUCTIVE TRAIN CONTROL SYSTEM

Walter H. Hoppe, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application January 13, 1937, Serial No. 120,421

14 Claims. (Cl. 246—63)



1. A system of continuous inductive control for railway vehicles comprising; in combination with a track circuit including two track rails provided with alternating current of one of a plurality of different frequencies applied across the rails at the exit end of a section of track and flowing in opposite directions in the rails; two receiving coils on the vehicle each inductively associated with a different track rail, vacuum tube detecting and amplifying means on the vehicle for detecting the magnitude and the phase relation of the potentials induced in said receiving coils, and means distinctively responsive to currents delivered by said detecting and amplifying means depending on the particular frequency of said plurality of frequencies flowing in the track rails and the phase relation of the potentials induced in said receiving coils at a particular time.

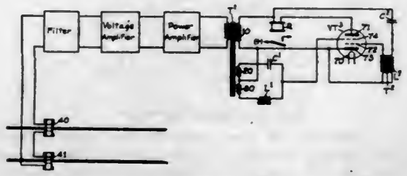
2,131,736

CONTINUOUS INDUCTIVE TRAIN CONTROL SYSTEM

Walter H. Hoppe, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application May 27, 1937, Serial No. 145,080

17 Claims. (Cl. 246—63)



1. A train control system of the continuous inductive type in which alternating current of a predetermined frequency is applied to the track rails under certain operating conditions; car carried receiving coils disposed over the track rails in inductive relation thereto; a relay on the car; a transformer on the car having a plurality of secondary windings; means including said receiving coils for receiving and transmitting single phase alternating current to said transformer to induce in said secondary windings voltages of said predetermined frequency; and selectively responsive means controlled by the currents in a plurality of said secondary windings and in accordance with the phase relation between these currents for actuating said relay.

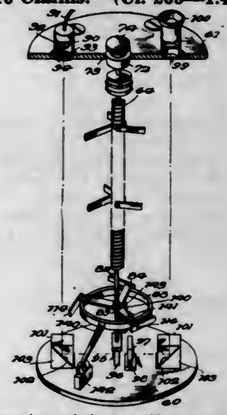
2,131,737

GRAVIMETER

Archer Hoyt, Aspinwall, Pa., assignor to Gulf Research & Development Company, Pittsburgh, Pa., a corporation of Delaware

Application August 5, 1935, Serial No. 34,824

16 Claims. (Cl. 265—1.4)



1. A gravimeter giving a direct angular deflection and comprising a coil spring suspended at one end and formed of a coiled metal band of width much greater than thickness, so that when the length of the coil spring is changed the unfixed end of the spring rotates, and a weight associated with the unfixed end of the spring and adapted to change the length of the spring under influence of gravity.

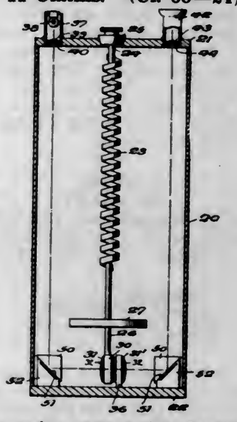
2,131,738

OPTICAL SYSTEM

Archer Hoyt, Aspinwall, Pa., assignor to Gulf Research & Development Company, Pittsburgh, Pa., a corporation of Delaware

Application March 30, 1936, Serial No. 71,737

11 Claims. (Cl. 88—24)



1. In measuring apparatus having an angularly deflectable member, optical means for giving a magnified indication of such deflection, comprising a pair of plane, partially transparent mirrors arranged substantially parallel to each other, one mirror being fixed and one being attached to said deflectable member so that upon deflection of the deflectable member the mirror attached thereto is moved out of parallelism with

respect to the fixed mirror, a source of light, means for directing a collimated beam of light from said source through said mirrors in a direction substantially at right angles to the plane of the mirrors, and means for bringing said collimated beam to a focus at a focal plane after its passage through the mirrors, so that upon deflection of the deflectable member, inter-reflections occur between the mirrors and a series of images of the source is formed at the focal plane.

2,131,739

HELICAL RIBBON SPRING MEASURING APPARATUS

Archer Hoyt, Aspinwall, Pa., assignor to Gulf Research & Development Company, Pittsburgh, Pa., a corporation of Delaware

Application December 30, 1936, Serial No. 118,411
5 Claims. (Cl. 265—1.4)



1. In measuring apparatus, a helical coil spring formed of a wound-up thin ribbon, means for applying stress to one end of the spring axially of the helix so that such stress causes an angular deflection of the spring, the other end of the helix being tapered down to form a portion of diminished diameter, and means rigidly attached to the end of the ribbon at said tapered portion for supporting the spring, the tapered portion preventing spurious rotations, due to improper alinement of the supporting means with respect to the helix axis, from being communicated to the other end of the spring.

2,131,740

GAS VALVE

Donald G. Kappelman, Chicago, Ill.

Application June 25, 1937, Serial No. 150,250
1 Claim. (Cl. 284—18)



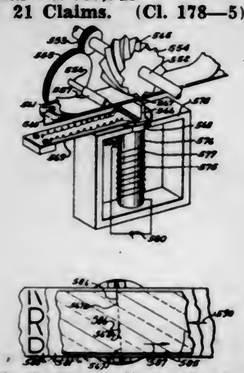
A device for connecting a gas burning appliance to a gas supply line comprising two separable members adapted to be coupled and uncoupled by relative endwise movement, one of said members adapted to be connected to the gas supply line and formed with a skirt defining an inlet chamber and a tapered neck of less diameter having a bore with a valve seat about the inlet end of the bore, a spider fixed in the inlet end of said chamber and having an axial opening for a valve stem, a valve stem extending axially through said chamber and into said bore, the inner end of said stem being entered in and guided by the axial opening of said spider, a second spider fixed to the other end of said stem and movable within said bore in contact with the bore wall for maintaining said stem in the axis of the bore, a valve on the stem between its ends and movable within said chamber against and away from said seat, a spring surrounding said stem between said first mentioned spider and said valve to normally seat said valve, the other of said members adapted to be connected to the gas burning appliance and having a part to receive the neck of said one member, said other member having a part enterable in the bore of said neck to move said stem to unseat the valve of said one member when said members are coupled together, a washer of resilient material carried by said other member at its entering end for compressibly engaging said neck of said one member to couple said members together, said neck having an annular recess to receive said washer in coupling relation so disposed as to be engaged by said washer only after said other member has been moved in endwise relation toward said one member a distance sufficient to unseat said valve, said spring possessing sufficient strength to separate said members and to seat said valve in the event of failure of said washer to hold.

2,131,741

FACSIMILE PRINTING TELEGRAPH SYSTEM AND APPARATUS

Edward E. Kleinschmidt and Edward F. Kleinschmidt, Highland Park, Ill., assignors to Teletype Corporation, Chicago, Ill., a corporation of Delaware

Original application August 4, 1930, Serial No. 475,264. Patent No. 2,046,328, dated July 7, 1936. Divided and this application July 19, 1934, Serial No. 735,948
21 Claims. (Cl. 178—5)



1. A method of operating a facsimile telegraph system, which comprises simultaneously recording a plurality of images in adjacent relationship on a single strip of recording medium of each transmitted character whereby legible records are received with wide variations in the speeds of operation of transmitting and receiving mechanism.

2,131,742

PHOTOGRAPHIC DESENSITIZING

Karl Kumetat, Dessau-in-Anhalt, and Sebastian Gassner, Leverkusen, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York

No Drawing. Application October 7, 1936, Serial No. 104,442. In Germany October 11, 1935
17 Claims. (Cl. 95—88)

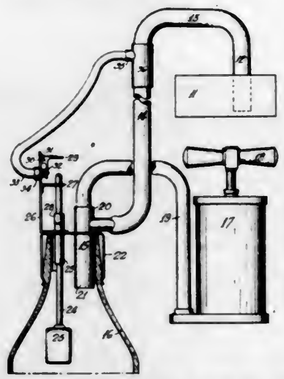
1. A process for desensitizing light sensitive silver halide emulsions which comprises treating said silver halide emulsion with a tauride of a compound selected from the group consisting of anthraquinone carboxylic acids and anthraquinone sulfonic acids in aqueous solution.

2,131,743

VENTURI SIPHON

Matthew H. Loughridge, Bogota, N. J.

Application December 3, 1934, Serial No. 755,841
28 Claims. (Cl. 137—106)



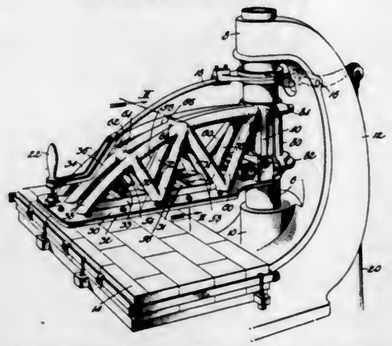
1. A siphon with a venturi, means for starting the siphon by the venturi and means operated by the flow of liquid through the venturi from the siphon for controlling the siphon.

2,131,744

PRESS

Mieth Maeser, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application August 5, 1937, Serial No. 157,586
9 Claims. (Cl. 164—19)



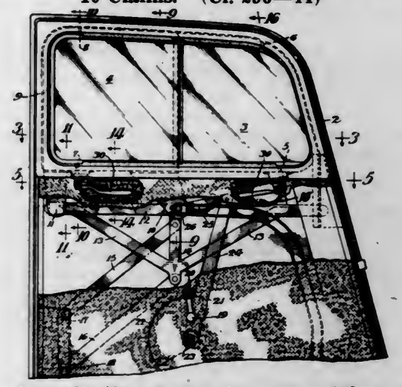
7. A presser member for use in clicking machines comprising a striking plate and a strengthening superstructure rigidly secured to said plate, said superstructure comprising three tubular members, rigidly secured at their front and rear ends to said striking plate and extending in spaced relation to said plate and lengthwise thereof, together with triangularly related struts or truss members of tubular formation rigid with each other and with said striking plate and serving to connect the three tubular members rigidly with said plate, and tubular cross ties rigidly connecting said three tubular members.

2,131,745

VENTILATING DEVICE FOR AUTOMOBILES

Willard L. Morrison, Lake Forest, Ill.

Application September 27, 1933, Serial No. 691,105
10 Claims. (Cl. 296—44)



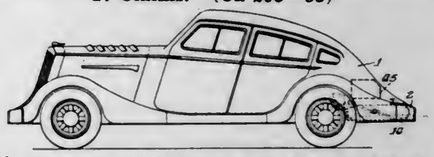
2. A ventilating device for automobiles comprising a frame forming a window opening, a front and a rear section for closing said window opening, one back of the other, actuating mechanism located below the window sections for moving one of the sections longitudinally with relation to the other section, to partially overlap the other section to leave an open space in the frame back of said section extending vertically therealong through which the arm of the occupant of the automobile may be protruded for signalling purposes, the rear end of the front section being movable outwardly when the rear section is overlapping the front section, to deflect air away from the opening at the rear of the rear section.

2,131,746

BUMPER

Willard L. Morrison, Lake Forest, Ill.

Application January 27, 1936, Serial No. 60,992
17 Claims. (Cl. 293—55)



1. An automobile bumper device comprising a bumper element, a stop device at a distance from the bumper element, a wheel with a pneumatic tire supported between the stop device and the bumper element, and acting to oppose the movement of the bumper element when the bumper element is struck, and means for moving the bumper element and the wheel in a substantially horizontal direction, to provide a space between the bumper element and the body to remove the tire.

2,131,747

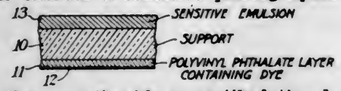
ANTIHALATION BACKING FOR PHOTOGRAPHIC FILM

Gale F. Nadeau and Clemens B. Starck, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

Application October 13, 1937, Serial No. 168,786
10 Claims. (Cl. 95—9)

4. A light-sensitive photographic element com-

prising a light-transmitting support having on one side thereof a sensitive photographic layer



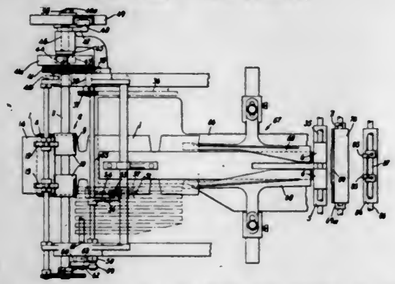
and on the opposite side an antihalation layer of polyvinyl phthalate and a dye.

2,131,748
ENVELOPE MACHINE

Abraham Novick, Flushing, N. Y., assignor to F. L. Smithe Machine Co., Inc., New York, N. Y., a corporation of New York

Application May 21, 1935, Serial No. 22,527. Renewed November 20, 1937. In Canada April 23, 1935

26 Claims. (Cl. 93—63)



1. In an envelope making machine, in combination, means for feeding a web uniformly at one of a variety of optional speeds, a notching cutter, means for driving the notching cutter at predetermined frequency independently of the speed of the web, means for varying the speed of the notching cutter in a cycle to cause it to operate at the speed of the web throughout the substantial portion of the cycle during which it engages the web, means for folding the web longitudinally, a severing cutter, means for driving the severing cutter at predetermined frequency independently of the speed of the web, means for varying the speed of the severing cutter in a cycle to cause it to operate at the speed of the web while in engagement with the web, the web feeding means being arranged to draw the web past the notching cutter and the folding means and to thrust it past the severing cutter, blank feeding means for seizing the severed blanks and advancing them at higher speed than the speed of web feeding, and means adjustable to cause the blank feeding means to become effective substantially simultaneously with the severance of a blank.

14. In an envelope machine, in combination, means for feeding a web, means for cutting notches in side margins of the web, the longitudinal continuity of the web being still maintained, a gummer for applying gum to a margin of said continuous web after the same has been notched, a presser for holding the web margin against the gummer, and means for lifting the presser away from the gummer intermittently in time with the arrival of the notches, said various means being co-ordinated in a unitary machine structure.

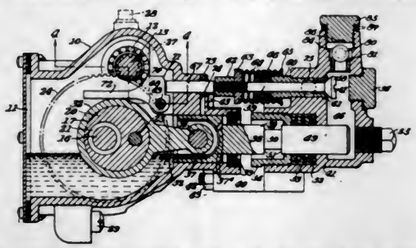
2,131,749
PUMP

Frank W. Ofeldt, McKeesport, Pa., assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa., a corporation of Pennsylvania

Application June 29, 1936, Serial No. 87,847

12 Claims. (Cl. 103—227)

1. In a displacement pump, the combination with the pump chamber, a piston working therein and a poppet valve for the admission of fluid to the chamber, of a single crank for reciprocating



the piston and operating the valve, and means whereby the speed of movement of the valve is increased as it seats and unseats.

2,131,750
WATERPROOF AND OILPROOF BINDER

Basil L. Postlethwaite, Newark, Ohio, assignor to Owens-Illinois Glass Company, a corporation of Ohio

No Drawing. Application December 12, 1934, Serial No. 757,153. Renewed December 13, 1937

6 Claims. (Cl. 134—17)

1. A water repellent binder for porous fibrous material having the following ingredients and in substantially the following proportions:

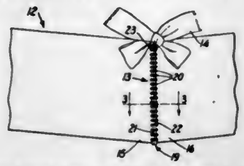
Casein	grams	100
Borax	do	18
Stearic acid	do	24
Zinc chloride	do	5.7
Concentrated ammonium	milliliter	100
Latex (normal 68% solids)	do	214

2,131,751
HAT BOW

Oscar Regen, New York, N. Y.

Application March 28, 1936, Serial No. 71,398

6 Claims. (Cl. 2—181)



1. The combination with a sweat band for a hat formed of strip material having its end edges joined in a seam, of a finish element preformed with an ornamental stretch of stranded flexible material extended along said seam and secured to the adjacent margins of the seam by stitching extended along said seam and embracing said stretch throughout the mutually extending length of said edges and the stretch of ornamental stranded flexible material.

2,131,752
CODED CONTINUOUS INDUCTIVE TRAIN CONTROL SYSTEM

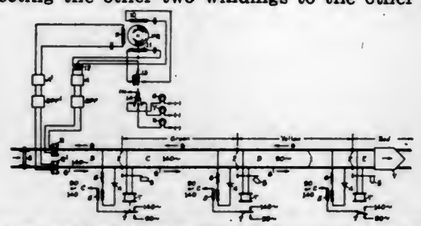
Wade H. Reichard and Charles S. Bushnell, Rochester, N. Y., assignors to General Railway Signal Company, Rochester, N. Y.

Application November 27, 1936, Serial No. 112,858

9 Claims. (Cl. 246—63)

1. In a train control system, in combination, trackway apparatus for placing current of two

different frequencies on the rails in a loop circuit, in accordance with traffic conditions ahead, car-carried apparatus, including two receivers energized by the track rail currents of either frequency, a three-position relay of the induction motor type having a local winding and a normal and a reverse winding, a circuit including the local winding and one receiver, and a circuit connecting the other two windings to the other re-



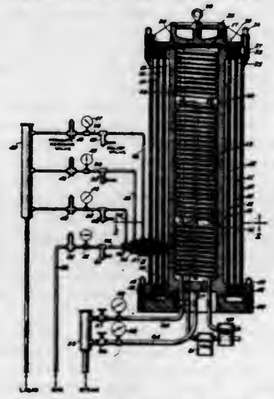
ceiver, and means tuning the normal winding for one of the frequencies of rail current, and the reverse winding for the other frequency of rail current whereby the relay is energized to one or the other of its extreme positions in accordance with the frequency of rail current in the rails, means biasing the relay to a central position, and three condition indicating means distinctively controlled by the relay.

2,131,753
MULTIWALL AUTOCLAVE

James S. Reid, Cleveland, Ohio, assignor to Rubatex Products, Inc., New York, N. Y., a corporation of Delaware

Application June 4, 1936, Serial No. 83,501

2 Claims. (Cl. 23—290)



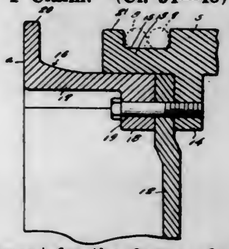
1. In an autoclave, a central high pressure gas chamber, a removable gas-tight cover for said chamber; a plurality of spaced shells concentric about said chamber forming corresponding annular chambers; said plurality of spaced shells containing liquid under lower pressure than the gas in the central high pressure gas chamber, means for automatically maintaining constant liquid pressures in said concentric annular chambers, said constant pressures being individually less than the pressure in said central high pressure gas chamber, said constant pressures being greatest in the innermost concentric chamber and least in the outermost concentric chamber, said means comprising individual pipe lines connected to each of said chambers, means for generating constant pressures in said annular chambers through the pipe lines including a hydraulic feeder for supplying liquid under pressure to said annular chambers, an automatic pressure reducing valve in each pipe line for reducing the pressure from said feeder to predetermined constant values, a relief valve in said pipe lines for maintaining said predetermined annular chamber pressures, means for maintaining a predetermined gaseous pressure in said central high pressure gas chamber; means for maintaining said central chamber substantially uniformly heated comprising a central helical steam coil, end section helical steam coils and independent means for controlling the heating by said steam coils.

2,131,754
PAPER MACHINE

Albert Richards, Gladstone, Oreg.

Application September 28, 1937, Serial No. 166,184

1 Claim. (Cl. 34—48)



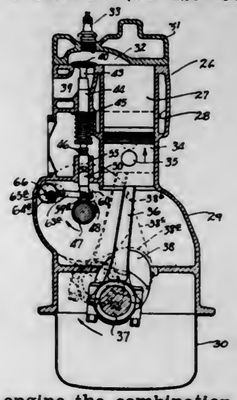
An attachment for the drums of paper making machines of the type having rope grooves, said attachment consisting of an arcuate plate adapted to be secured to the rope groove end of a drum and having at its outer edge, an outwardly extending flange in spaced relation to the adjacent end of the drum and projecting in a direction radially with respect to the drum beyond the periphery of the drum to catch a rope displaced from the rope groove of the drum.

2,131,755
INTERNAL COMBUSTION ENGINE

Henry A. Roan, Minneapolis, Minn.

Application November 16, 1934, Serial No. 753,357

7 Claims. (Cl. 123—90)



1. In an engine the combination with a valve and a valve-actuating cam, of a tappet structure comprising a member mounted for straight line, reciprocating movements and carrying, for reciprocating movements therewith, relatively adjustable and non-adjustable cam engaging elements, the shiftable cam engaging element being

carried by the straight line guided member through means including an arcuate guide surface whose axis travels in a straight line radial of the cam axis.

2,131,756
RUBBER BALL
Fred T. Roberts, Malone, N. Y.
Application October 6, 1933, Serial No. 692,388
Renewed June 12, 1937
16 Claims. (Cl. 273—61)

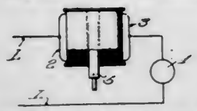


1. A hollow rubber ball having internal fluid pressure, ribs on the interior surface of said ball spaced with respect to each other to form spherical triangles, and an exterior covering of tightly wrapped rubber bands to reinforce the portions between the ribs.

2,131,757
OIL-SOLUBLE PHENOLIC CONDENSATE
Israel Rosenblum, Jackson Heights, Long Island, N. Y.
No Drawing. Application May 19, 1934, Serial No. 726,579
2 Claims. (Cl. 260—4)

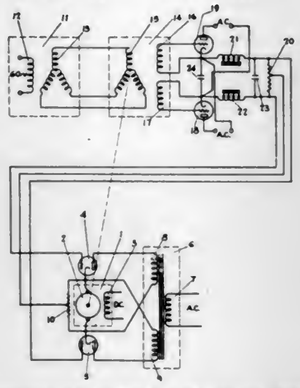
1. The method of producing an oil-soluble resinous phenolic condensate, which comprises reacting one mol. of a phenol higher than cresol in the homologous series with at least about two mols of formaldehyde in the presence of dipentene and of an organic salt of zinc at approximately the boiling point of the mixture until a fusible condensate is formed, heating said condensate with an acidic natural resin, and then reacting the mixture with a polyhydric alcohol at higher temperatures until a clear, soluble resin is obtained.

2,131,758
SLOW MAGNETIC REGULATING DEVICE FOR NONINDUCTIVE LOADS
Albert B. Rypinski, Laureiton, Long Island, N. Y.
Original application December 27, 1929, Serial No. 416,877. Patent No. 2,082,121, dated June 1, 1937. Divided and this application February 28, 1936, Serial No. 66,277
4 Claims. (Cl. 171—242)



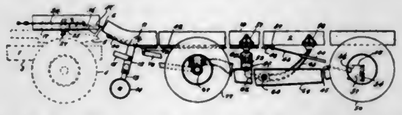
1. In an impedance device for controlling the current from a supply circuit to a non-inductive load, a pair of windings magnetically coupled in opposition one to the other and constituted by materials having substantially different temperture coefficients of resistance, connected in parallel and disposed in series with said load circuit, the resistance of one of said windings varying more than the resistance of the other with temperature changes to alter the ratio of the currents in the parallel paths and vary the resultant magnetism in the impedance device for changing its inductive reactance and thereby controlling the current passing to the load.

2,131,759
CONTROL SYSTEM
Howard A. Satterlee, Needham, Mass., assignor to Submarine Signal Company, Boston, Mass., a corporation of Maine
Application October 21, 1937, Serial No. 170,203
5 Claims. (Cl. 172—239)



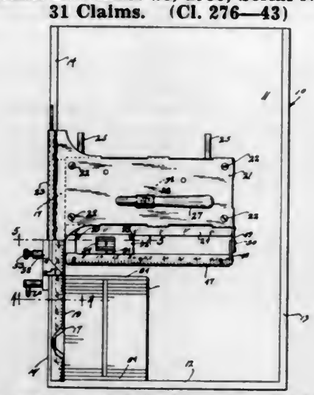
4. A remote-controlled positioning system including an electric motor for driving the object to be positioned, a pair of grid-controlled rectifiers for operating said motor, one for each direction of rotation, said rectifiers being arranged to pass current impulses through the motor during those half cycles of anode potential in which their respective anodes are positive and their respective grids are also positive, the said grid potentials being the resultant of an applied uni-directional potential and a potential varying with the motor speed, said applied potential being derived from two sources having normally equal magnitudes which are simultaneously variable by the operator in opposite senses and in both directions, means for opposing said potentials and applying the resultant potential to the grids of said rectifiers in opposite polarity and means for algebraically adding the said potential which varies with motor speed to said applied potentials in such a manner as to oppose applied positive grid potential of one rectifier for one direction of motion and to oppose applied positive grid potential of the other rectifier for the opposite direction of motion.

2,131,760
VEHICLE
Henry G. Schaefer, Lakewood, Ohio, assignor to Convertible Truck and Trailer Company, Lakewood, Ohio, a corporation of Ohio
Application June 5, 1934, Serial No. 729,045
5 Claims. (Cl. 280—33.55)



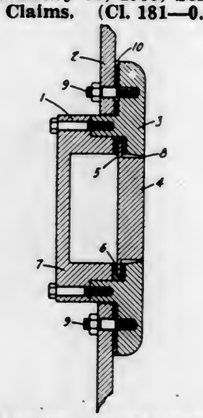
2. In a tractor trailer, a tractor provided with a fifth wheel, a trailer having a fifth wheel mounted for slidable movement longitudinally of the trailer, said trailer fifth wheel having a coupling pin for coupling the tractor and trailer, and means for communicating the steering effect of said tractor to the rear wheels of the trailer, said means including said coupling pin and means operable by said coupling pin to steer said rear wheels.

2,131,761
TYPE FORM MAKE-UP DEVICE
Clarence L. Self, Austin, Minn., assignor to V. B. McGuire Manufacturing Company, Northfield, Minn., a partnership composed of Clarence L. Self and V. B. McGuire
Application December 28, 1936, Serial No. 117,685
31 Claims. (Cl. 276—43)



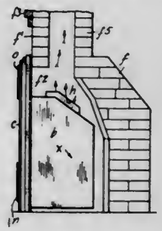
1. In apparatus of the kind described the combination with a galley consisting of a flat rectangular working surface provided at its front and one longitudinal edge with an upstanding flange, of a carriage laterally interlocked to the said longitudinal galley flange and guided thereby for true longitudinal sliding movements over the surface of said galley, means for locking the carriage against longitudinal sliding movements, a member carried by the carriage for extending and retracting movements in respect thereto and longitudinally of the galley, a work-engaging member carried by the said extensible and retractable member in forwardly spaced relation thereto through the medium of a yielding connection, and means for extending and retracting the said extensible and retractable member and retaining the same against accidental displacement from extended and retracted positions.

2,131,762
GASKET, PACKING, AND THE LIKE
Edward W. Smith, Melrose, Mass., assignor to Submarine Signal Company, Boston, Mass., a corporation of Maine
Application January 18, 1935, Serial No. 2,393
11 Claims. (Cl. 181—0.5)



10. In combination, a body adapted to have contact with an ionized liquid medium and having a stainless steel surface exposed to the liquid and cooperating therewith a sulphur-free rubber element mounted in proximity to said surface and having a portion also exposed to said medium.

2,131,763
FIREPLACE CONTAINED AIR CIRCULATING HEATER
Paul H. Sroat, Portland, Oreg., assignor to Heat-Rite Fireplace, Inc., Portland, Oreg., a corporation of Oregon
Application October 19, 1936, Serial No. 106,420
9 Claims. (Cl. 126—121)



1. A heater adapted to seat in a fireplace opening, comprising a self-contained removable unit including an open mouthed firebox, an air heating jacket surrounding and spaced from said firebox and a face plate extending across the mouth of said casing and seated about the open mouth of said firebox and joining said parts together, the whole of said heater unit lying rearwardly of said face plate, the firebox lying substantially entirely within the firebox opening and the mass of said unit being supported adjacent the plane of said face plate and the center of mass of said unit lying substantially rearwardly of said plane, whereby said disposition of mass exerts a substantial tipping moment about said support to tend to cause said face plate to bear tightly against the front of the fireplace.

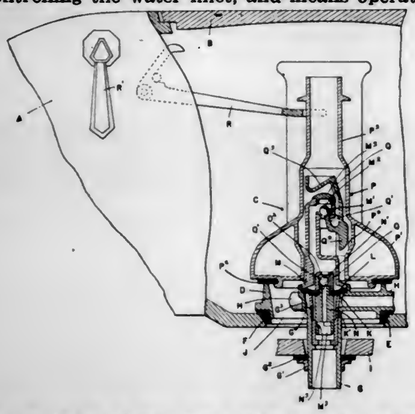
2,131,764
ART OF NITRATING CELLULOSE BY PRETREATMENT OF THE CELLULOSE
Fred Bacon Stieg, New York, N. Y., assignor to Rayonier Incorporated, San Francisco, Calif., a corporation of Delaware
No Drawing. Application March 28, 1935, Serial No. 13,481
5 Claims. (Cl. 260—146)

1. The process of nitrating substantially unbeaten sheet sulphite cellulose, refined to a higher alpha cellulose content, comprising subjecting such cellulose to impregnation with a water solution consisting essentially of a boron compound; drying the cellulose; and subsequently subjecting such cellulose to a nitrating acid solution.

2,131,765
FLUSHING APPARATUS
James M. Teahen, Detroit, Mich.
Application October 7, 1936, Serial No. 104,557
Renewed December 2, 1937
17 Claims. (Cl. 4—41)

1. In a flushing apparatus, the combination with a tank having a discharge port, of a combined water inlet and outlet fitting including an annular seat surrounding said discharge port, a water inlet connection arranged within said annular seat and discharging outside thereof, a

flush valve normally engaging said seat, a valve controlling the water inlet, and means operated



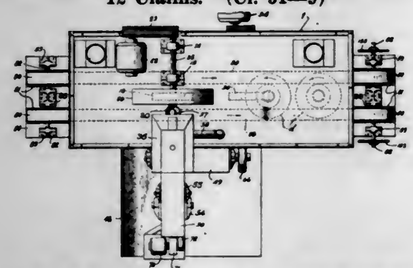
by the lifting of said flush valve for opening said water inlet valve.

2,131,766
METHOD OF PRODUCING COUPLINGS
Robert Temple, Jr., Pittsburgh, Pa., assignor to Robert Temple, Inc., Denver, Colo.
Original application September 14, 1931, Serial No. 562,754. Divided and this application August 4, 1936, Serial No. 94,207
8 Claims. (Cl. 29—148)



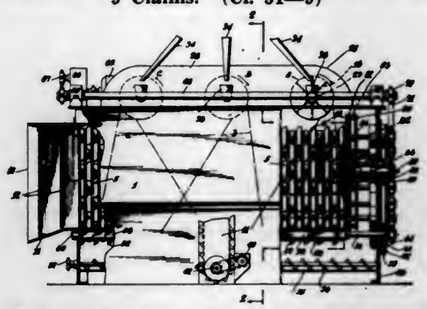
1. The method of securing the terminals of wires together which consists in inserting said terminals in a cylindrical sleeve having a longitudinal bore therein and having stop means substantially at the center thereof to properly gauge the distance of insertion of said wires into said sleeve, supporting said sleeve longitudinally in a female die shaped to fit the curvature thereof, the die supporting said sleeve over at least one-half of its circumference, then flattening the exposed surface of the sleeve with a movable die acting under the impulse created by the detonation of a confined explosive charge.

2,131,767
APPARATUS FOR TREATING METAL
David C. Turnbull, Mishawaka, Ind., assignor to American Foundry Equipment Company, Mishawaka, Ind., a corporation of Delaware
Application July 1, 1936, Serial No. 88,292
12 Claims. (Cl. 51—9)



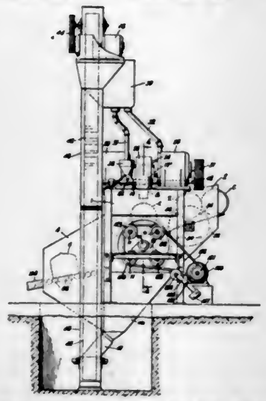
7. Apparatus for abrasively cleaning metal articles including, an abrasive throwing wheel operative to project a stream of abrasive, a plurality of spaced and generally parallel conveyor members adapted to support an article to be treated, and means for driving said conveyors at selected differential speeds to carry the article through said stream and simultaneously rotate the same in said stream.

2,131,768
APPARATUS FOR TREATING METAL ARTICLES
David C. Turnbull, Mishawaka, Ind., assignor to American Foundry Equipment Company, Mishawaka, Ind., a corporation of Delaware
Application August 21, 1936, Serial No. 97,099
9 Claims. (Cl. 51—9)



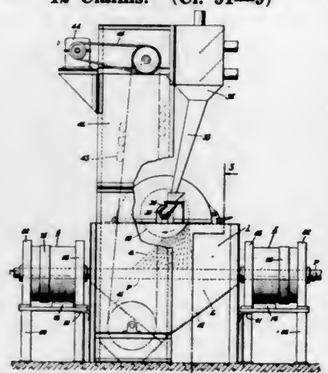
2. Apparatus for treating metal articles including, means for projecting a stream of abrasive particles, three or more individually movable supporting elements, means mounting said elements out of line to define a concave supporting pocket for the articles to be treated, and means for rotating said elements individually whereby to tumble said articles in said pocket and advance them through said stream.

2,131,769
APPARATUS FOR TREATING METAL ARTICLES
David C. Turnbull, Mishawaka, Ind., assignor to American Foundry Equipment Company, Mishawaka, Ind., a corporation of Delaware
Application August 21, 1936, Serial No. 97,100
12 Claims. (Cl. 51—9)



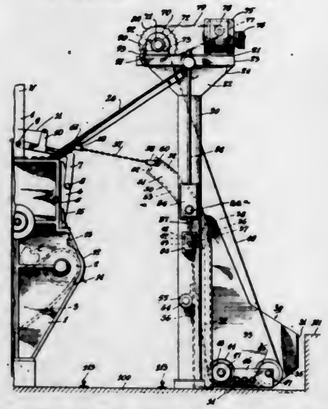
1. Apparatus for blast cleaning hollow metal articles including in combination, a housing, means for projecting a stream of abrasive particles into said housing, a conveyor for conveying an article to be cleaned into and out of the path of said stream, means for driving said conveyor, means for receiving the article at the end of said conveyor, means for tipping the article to dump abrasive from the interior thereof, and means active upon actuation of said tipping means for conveying said article from said housing.

2,131,770
APPARATUS FOR TREATING METAL ARTICLES
David C. Turnbull, Mishawaka, Ind., assignor to American Foundry Equipment Company, Mishawaka, Ind., a corporation of Delaware
Application August 21, 1936, Serial No. 97,101
12 Claims. (Cl. 51—9)



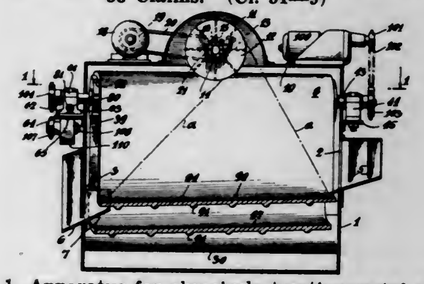
1. Apparatus for blast cleaning elongated metal members or stock including, means for projecting a stream of abrasive particles, gripping means adapted to resiliently grip the member or stock, means for actuating said gripping means to advance the member or stock through said stream, and means for turning said gripping means bodily with the member or stock and simultaneously with its forward movement.

2,131,771
LOADING APPARATUS
David C. Turnbull, Mishawaka, Ind., assignor to The American Foundry Equipment Company, Mishawaka, Ind., a corporation of Delaware
Application November 28, 1936, Serial No. 113,093
13 Claims. (Cl. 214—120)



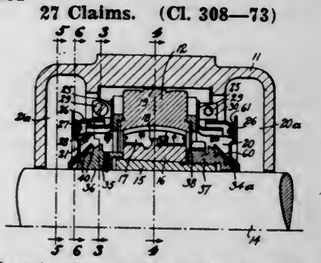
1. A machine for loading castings, forgings and the like into a cleaning mill which includes, an upright supporting frame, a dump bucket, a rack supporting said bucket, means pivotally mounting said rack at a point intermediate the ends thereof to said frame, and means for manipulating said bucket into dumping and loading positions, said means including a winch supported on said frame, guide sheaves attached to said bucket adjacent the lower end thereof, a flexible member operatively connected to said winch and trained around said guide sheaves, a motor for driving said winch, and means for halting the winding movement of said winch when said bucket has been raised into dumping position.

2,131,772
METHOD AND APPARATUS FOR TREATING METAL ARTICLES
David C. Turnbull, Mishawaka, Ind., assignor to American Foundry Equipment Company, Mishawaka, Ind., a corporation of Delaware
Application April 1, 1938, Serial No. 199,365
33 Claims. (Cl. 51—9)



1. Apparatus for abrasively treating metal articles including, an abrasive throwing wheel for projecting a stream of abrasive particles, a flexible, continuous supporting element, means suspending said supporting element to provide an upwardly concave supporting surface, means for actuating said element to effect a tumbling movement of articles supported thereon, and means associated with said supporting element for advancing said articles in a linear direction through said abrasive stream while tumbling on said surface.

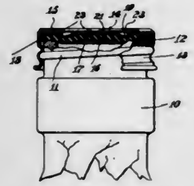
2,131,773
BEARING
August Gunnar Ferdinand Wallgren, Stockholm, Sweden, assignor to Aktiebolaget Nomy, Lidkoping, Sweden, a corporation of Sweden
Application October 25, 1932, Serial No. 639,402. Renewed August 17, 1936. In Sweden October 31, 1931
27 Claims. (Cl. 308—73)



1. A bearing comprising a housing forming a lubricant reservoir, a stationary outer member, an inner rotary member, a plurality of bearing blocks having operative positions radially between

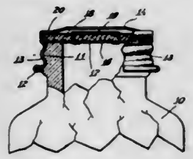
said members, hoods forming chambers laterally of said bearing blocks, and rotary members associated with said chambers and dipping into the lubricant in said reservoir and adapted to produce centrifugal forces in said chambers of different magnitude.

2,131,774
CONTAINER CLOSURE
Olaf I. Waring, Flushing, N. Y., assignor to Ferdinand Gutmann & Co., New York, N. Y., a corporation of New York
Application November 27, 1936, Serial No. 112,883
Renewed December 28, 1937
11 Claims. (Cl. 215—7)



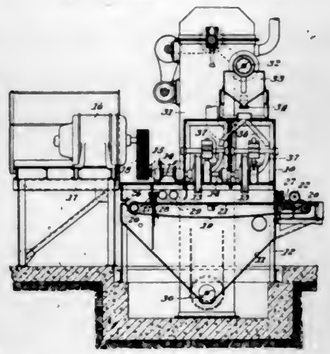
1. A container closure embodying therein a metal shell having a screw threaded skirt and an opening through the top thereof, a disc of rupturable material within said shell and exposed through said opening, a liner or gasket of compressible friction material within said shell, a plate having a recessed portion between said gasket and said disc, and a prong extending inwardly of the opening through the top of said shell and adapted, after the sealing of a container, to be forced downwardly to penetrate the portion of said disc across the recessed portion of said plate, whereby rotary movement of said shell to remove said closure will cause the tearing of said disc to an extent to prevent its re-use.

2,131,775
CONTAINER CLOSURE
Olaf I. Waring, Flushing, N. Y., assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y., a corporation of New York
Application December 28, 1937, Serial No. 182,052
11 Claims. (Cl. 215—7)



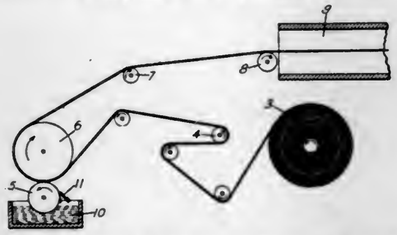
1. A container closure embodying therein a shell having an opening through the top thereof, and means engageable with co-operating means about the neck of a container requiring turning movement of the shell in removing a closure from the container, a liner or gasket of compressible material within said shell capable of adherence to the neck of a container, a disc of rupturable material positioned between said liner and said shell, and means securing one portion of said disc to said liner, and another portion thereof to said shell, whereby when removing a closure from a container, said shell and said disc may have movement, independently of said liner, to an extent to cause the rupturing of said disc upon turning movement of said shell.

2,131,776
CLEANING METAL PLATES
Raymond J. Wean and Louis D. Peik, Warren, Ohio, assignors, by mesne assignments, to The American Foundry Equipment Company, Mishawaka, Ind., a corporation of Delaware
Application June 1, 1934, Serial No. 728,484
10 Claims. (Cl. 51—9)



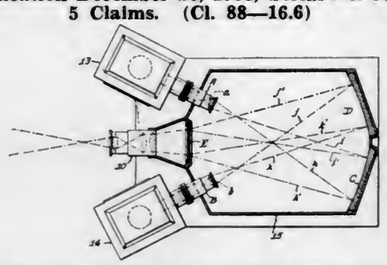
8. Apparatus for cleaning plates comprising a chamber, a conveyor in the chamber, a plurality of centrifugal abrasive-throwing wheels mounted above the conveyor in spaced relation longitudinally and transversely thereof, driving means for said wheels, means including a support movable transversely of the chamber for mounting at least one of said wheels, and manually operable means for adjusting said support, and constituting means for maintaining said support in adjusted position.

2,131,777
METHOD OF PRODUCING OILCLOTH
Roderick H. Willcox, deceased, late of Columbus, Ohio, by Bertha P. Willcox and Richard V. Willcox, co-executors, Columbus, Ohio
Application August 24, 1937, Serial No. 160,658
2 Claims. (Cl. 91—67.9)



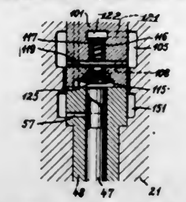
1. The method of producing an oilcloth or similar product which comprises applying to the front surface only of a base cloth of textile material a coating of oil paint to form a finished surface, some of which paint passes through the interstices of the cloth and appears upon the opposite side thereof, drying such coating, and thereafter printing the back surface of the cloth with a coloring liquid which is applied both to the coating of oil paint which appears through the interstices of the cloth and to the fabric of the cloth adjacent the same, said liquid being of such consistency that it will be absorbed by the back of the cloth to form a solid, uniformly applied color so as to simulate a dyed effect which will not destroy the cloth texture and cloth appearance at the back of the oilcloth.

2,131,778
MEANS FOR PROJECTING STEREOSCOPIC PICTURES
William H. Wilmot, Asheville, N. C.
Application December 26, 1935, Serial No. 56,154
5 Claims. (Cl. 88—16.6)



5. In combination, a planar translucent screen, a concave reflecting surface facing the screen, said surface having its axis inclined to the screen at a selected angle, a second concave reflecting surface facing the screen, said second surface having its axis inclined to the screen at a like but oppositely inclined angle, means for projecting a right eye picture on to the first reflecting surface to form an image on the screen, and means for projecting a complemental left eye picture on to the second reflecting surface for forming a left eye image on the screen with the reflected images in register on the central line of the images.

2,131,779
FUEL INJECTION PUMP
Kurt Zwick, Munich, Fritz Deckel, Munich-Prinz Ludwigshohe, Hans Fischlmayr, Grafelfing near Munich, and Julius Ulsamer, Munich, Germany, assignors to Friedrich Deckel, Munich-Prinz Ludwigshohe, Germany
Application September 18, 1935, Serial No. 41,112
In Germany June 16, 1934
14 Claims. (Cl. 103—41)



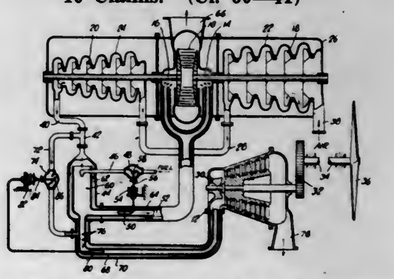
1. A fuel injection pump for internal combustion engines, comprising means forming a plunger chamber, a plunger mounted for reciprocation within said chamber, a suction valve and a delivery valve mounted independently of each other and both arranged substantially coaxially with respect to each other and to said plunger with said delivery valve on the opposite side of said suction valve from said plunger, said suction valve including a head portion and a hollow guiding stem portion on the opposite side of said head portion from said plunger, said suction valve being opened automatically by the suction within said chamber, a valve spring located at least partially within said hollow stem portion and normally tending to close said suction valve, means forming both an abutment against which said spring may thrust and a stop for limiting movement of said suction valve in an opening direction, and a fuel supply duct extending at a substantial angle to said guiding stem portion and leading substantially to said head portion so that when said suction valve is open, fuel may flow through said duct and into said plunger chamber without flowing for any substantial distance along said guiding stem portion of said suction valve.

2,131,780
ADENOTOME
Charles R. Storz, St. Louis, Mo.
Application June 3, 1937, Serial No. 146,130
3 Claims. (Cl. 128—309)



1. An adenotome, comprising a frame member curved throughout substantially its entire length, a similarly curved shaft slidably mounted against the concave side of said frame member, a head at the forward end of said member having an oppositely curved fenestrated face, a slidable cutting element mounted to slide across said fenestrum, an operative connection between said shaft and cutting element, and finger pieces respectively on said member and shaft whereby said shaft may be slidingly moved forwardly with respect to said frame member to project said cutting element.

2,131,781
GAS TURBINE SYSTEM OF THE CONTINUOUS COMBUSTION TYPE
Alf Lysholm, Stockholm, Sweden, assignor to Aktiebolaget Milo, Stockholm, Sweden, a corporation of Sweden
Application January 19, 1935, Serial No. 2,457
In Germany January 20, 1934
10 Claims. (Cl. 60—41)



1. A gas turbine system of the continuous combustion type including a double rotation radial flow turbine, an axial flow turbine independent of said radial flow turbine with respect to speed of operation, power output means driven by said axial flow turbine, compressor means driven by said radial flow turbine for compressing a gaseous

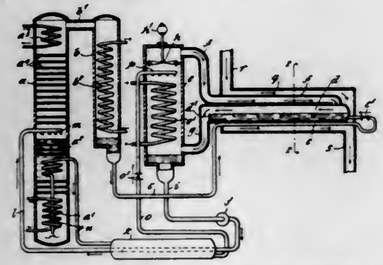
constituent of motive fluid to be expanded in said turbines, means providing a combustion chamber, means for conducting the compressed gaseous medium from said compressor means to said combustion chamber means for supplying fuel to said combustion chamber, means for conducting motive fluid from said combustion chamber to each of said turbines, and means including regulating mechanisms operable independently of each other and each operating under the influence of the motive fluid supplied to a different one of said turbines for separately producing from the gaseous medium compressed by said compressor means a first motive fluid supply for expansion in said radial flow turbine and a second motive fluid supply of lower temperature than said first motive fluid supply for expansion in said axial flow turbine.

2,131,782

COOLING FLUIDS TO LOW TEMPERATURES AND DIFFUSION REFRIGERATING MACHINES THEREFOR

Guido Maiuri, London, England

Application September 29, 1936, Serial No. 103,088
In Great Britain August 28, 1936
3 Claims. (Cl. 62—119.5)



2. In a diffusion refrigerating machine, a boiler, a condenser connected to said boiler, an evaporator charged with inert gas, a refrigerant inlet conduit interconnecting said condenser and said evaporator and supplying refrigerant in contra-flow heat-exchange proximity with refrigerant evaporating in and inert gas circulating through said evaporator, an absorber charged with inert gas and connected to said boiler, an inlet conduit interconnecting said absorber and said evaporator and providing circulation of said inert gas from said absorber to said evaporator and extending in contra-flow heat-exchange proximity with refrigerant evaporating in and inert gas circulating through said evaporator, an outlet conduit interconnecting said evaporator and said absorber and providing circulation of said inert gas from said evaporator to said absorber, and a fluid-conveying conduit extending in contra-flow heat-exchange proximity with refrigerant evaporating in and inert gas circulating through said evaporator.

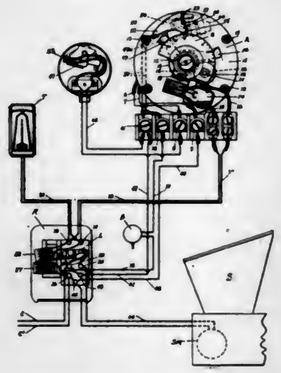
2,131,783

CONTROL FOR ELECTRICALLY OPERATED STOKER MECHANISM FOR COAL FURNACES

Ira E. McCabe, Chicago, Ill.

Application January 14, 1933, Serial No. 651,750
29 Claims. (Cl. 236—46)

1. In a furnace, an electrically controlled stoker, a control circuit therefor, a switch responsive to the conditions of the space to be heated in the control circuit, an independent delay switch in the control circuit, electrically controlled mechanism for alternately opening and closing the delay switch, and an additional thermal switch in circuit with the said delay switch control mechanism, said thermal switch continuously and automatically opening and closing upon small changes in furnace temperature, closing upon a slight decrease below any degree and opening upon a slight increase above any degree, whereby fuel is fed at irregular periods for irregular periods caused by the irregular operation of the delay switch resulting from the reduction in furnace temperature between the closing of the additional switch and the delayed closing of the delay switch.



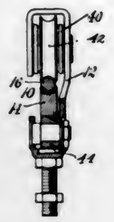
21. The method of maintaining a fire in an electrically operated and controlled furnace stoker heating system consisting in causing the feeding of fuel at a uniform rate until the desired temperature of the space to be heated is obtained, and thereafter upon a decrease in temperature in the combustion space and a predetermined delay thereafter to feed fuel until a rise in temperature of the combustion space occurs.

2,131,784

TRACK FOR OVERHEAD DOOR HANGERS

Harry Nock, Toronto, Ontario, Canada, assignor to Elevator Supplies Company, Incorporated, Hoboken, N. J., a corporation of New Jersey

Application November 14, 1936, Serial No. 110,838
4 Claims. (Cl. 16—96)



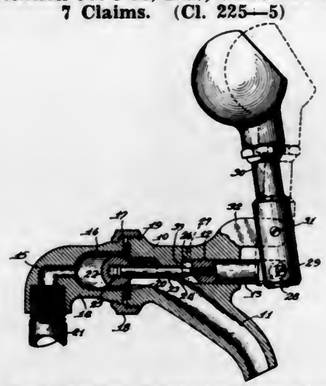
1. A track for overhead door hangers, comprising a beam portion and a tread portion; said beam being of metal, elongated in the direction of the weight transmitted thereto through a hanger and having a longitudinal groove along its top, said tread being a round rod, fitting into and extending above said groove, and shock-absorbing material between said beam and said rod.

2,131,785

DISPENSING FAUCET

Harry W. Ribble, Niles Center, Ill., assignor, by mesne assignments, to Rapids Equipment Co. Inc., Cedar Rapids, Iowa, a corporation of Iowa

Application June 18, 1937, Serial No. 148,873
7 Claims. (Cl. 225—5)



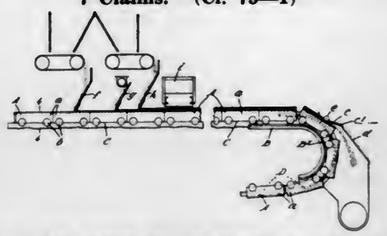
1. A quick-acting, beverage-dispensing faucet comprising a beverage supply passageway, a beverage outlet passageway, valve means between said supply passageway and said outlet passageway movable between an open and a closed position, vent means including an aperture in one wall of said outlet passageway adjacent said valve means for preventing an air lock in said outlet passageway upon closure of said valve means, means for operating said valve means, and means associated with said operating means for closing said aperture prior to opening of said valve means and for opening said aperture upon closure of said valve means.

2,131,786

ROASTING OF ORES, ESPECIALLY ZINC SULPHIDE ORES CONTAINING LEAD AND/OR CADMIUM

Stanley Robson, Durdham Park, Bristol, Gloucester, and Thomas Benson Gyles, Clifton, Bristol, Gloucester, England, assignors to National Processes Limited, London, England, an English joint-stock company

Application May 15, 1937, Serial No. 142,780
In Great Britain May 21, 1936
7 Claims. (Cl. 75—1)



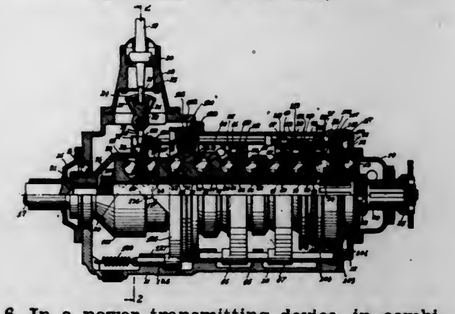
1. In the operation of sintering ore on the travelling grate of a blast roasting apparatus and the removal or substantial removal from the ore, during the sintering operation, of lead and/or cadmium and/or other impurities present in the ore; the method of forming the charge to be sintered on the travelling grate which consists in delivering onto said travelling grate the charge material in three superimposed layers of differing characteristics by interposing, between the top and bottom layers of the charge material, an intermediate layer of charge material having differing characteristics from the top and bottom layers and such that after the completion of the sintering operation this intermediate layer will constitute a plane or zone of cleavage in the sintered charge thereby to enable the now substantially impurities-free sintered top layer of the charge to be readily separated from the bottom layer and to be separately delivered from the travelling grate; and separating said top layer from the bottom layer and delivering from the grate said top layer separately from said bottom layer.

2,131,787

POWER TRANSMITTING DEVICE

Edward A. Rockwell and John J. Shively, New York, N. Y., assignors to Patent Engineering Corporation, a corporation of Delaware

Application July 3, 1934, Serial No. 733,598
14 Claims. (Cl. 74—263)



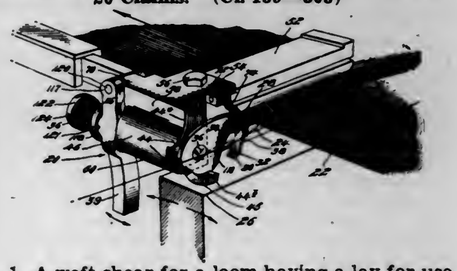
6. In a power transmitting device, in combination, a plurality of planetary sets in series, each set comprising a driving race member, a row of driving balls frictionally engaging said driving race member, a driven race member, a second row of driving balls frictionally engaging said driven race member, an intermediate reaction race member frictionally engaging said first and second rows of balls, cages circumferentially spacing said first row of balls, and a second cage circumferentially spacing said second row of balls and rotatively locked to said first cage, and means operable to restrain said reaction members from rotation, said planetary sets being individually adapted to normally revolve as units and to drive at reduced speed when said reaction members are restrained from rotation.

2,131,788

THREAD SHEAR

Robert Stevenson, West Barrington, R. I., assignor to Mechanical Holding Corporation, Providence, R. I., a corporation of Rhode Island

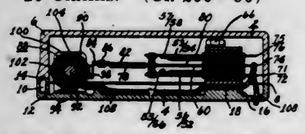
Application March 5, 1936, Serial No. 67,312
20 Claims. (Cl. 139—303)



1. A weft shear for a loom having a lay for use adjacent a warp edge for shearing the laid weft

thread on the forward movement of said lay, comprising a pair of shear blades having shearing edges mounted adjacent the warp edge and immediately adjacent and at an angle to the laid weft thread and means arranged to be actuated by the forward movement of said lay to relatively and simultaneously move said shear blades in shearing relation in a single direction at an angle to the laid weft thread and in another single direction at an angle to said first direction across said thread to shear said thread in both said directions.

2,131,789
SWITCHING APPARATUS
Raymond H. Sullivan, William H. Hutchins, and Cyril T. Wallis, Rochester, N. Y., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Original application October 2, 1933, Serial No. 691,786. Divided and this application March 8, 1935, Serial No. 9,983
10 Claims. (Cl. 200—90)



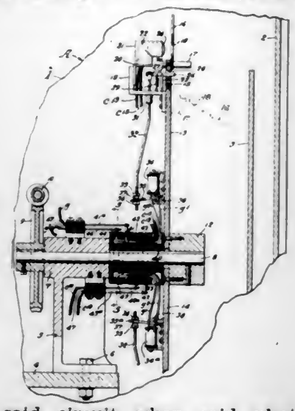
1. In an electrical device, a vibrating reed having a flexible portion, means for actuating the reed, and means for quieting the operation of the reed, the last mentioned means comprising a covering of fibrous material secured to the flexible portion of the reed and covering a portion thereof.

2,131,790
PICKLING INHIBITOR
William P. ter Horst, Packanack Lake, N. J., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application January 29, 1938, Serial No. 187,679
16 Claims. (Cl. 148—8)

1. A process of protecting a metal surface such as iron, steel or the like against undesirable dissolution by an acid solution in contact therewith which comprises adding to said acid solution a mercapto pyrimidine compound.

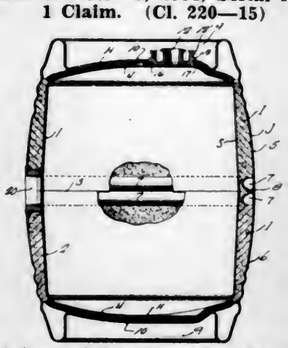
2,131,791
ELECTRIC TARGET RIFLE RANGE
Alva J. Carter, Chicago, Ill., assignor to Rayolite Rifle Range Company, Chicago, Ill., a corporation of Oklahoma
Original application June 15, 1936, Serial No. 85,246. Divided and this application October 7, 1936, Serial No. 104,468
2 Claims. (Cl. 273—101.1)

2. In a target, a hub and means for rotating it, a pair of radial arms spaced one hundred and eighty degrees from each other, extending outwardly from said hub, an independent target upon the end of each of said arms including a target drop pivoted to said arm, said target drop being apertured, photosensitive means associated with said targets whereby when a flash of light passes through the aperture of either of said drops said photosensitive means are affected, latch means adapted normally to hold each said target drop in upright position, a control rod for each said latch means extending inwardly along the arm associated therewith to a point adjacent the hub, electromagnetic means for moving said rods and an actuating circuit therefor, and means for



closing said circuit when said photosensitive means are excited.

2,131,792
METAL CONTAINER
William E. Coakley, Milwaukee, Wis., assignor to Pressed Steel Tank Company, Milwaukee, Wis., a corporation of Wisconsin
Application October 15, 1934, Serial No. 748,319
1 Claim. (Cl. 220—15)



A container of the character described comprising inner and outer shells having body portions and end heads, insulation between the body portion of the shells, and combined insulation and supports interposed between the end heads of the shells and comprising a plurality of laminations tightly packed between the end heads and completely filling the space therebetween, said laminations consisting of a plurality of sheets of paper impregnated with asphalt, said tightly packed laminations being substantially non-compressible to function as effective mechanical supports.

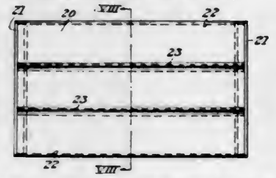
2,131,793
GRANULAR NONVITREOUS DESICCATED BORAX
Thomas M. Cramer, Long Beach, and George A. Connell, Wilmington, Calif., assignors to Pacific Coast Borax Company, a corporation of Nevada
No Drawing. Application July 23, 1928, Serial No. 294,936
10 Claims. (Cl. 23—59)

1. An article of manufacture comprising desiccated borax produced from hydrated borax in

which the individual particles of said desiccated borax are similar in form and size to the original hydrated borax but have a unit volume weight less than that of the original hydrated borax.

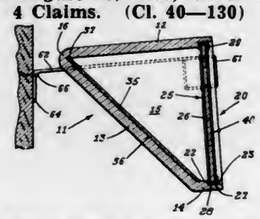
9. An article of manufacture comprising a friable nonvitreous sodium tetra borate containing anhydrous borax in excess of 98% and in which the individual particles are substantially free from puffed materials.

2,131,794
TUNNEL LINER SEGMENT
Charles B. Cushwa, Youngstown, Ohio, assignor to The Commercial Shearing & Stamping Company, Youngstown, Ohio, a corporation of Ohio
Original application December 13, 1933, Serial No. 702,188. Divided and this application September 20, 1935, Serial No. 41,435
1 Claim. (Cl. 61—45)



A liner segment comprising a plate curved along one dimension, side walls extending inwardly of the curved edges of the plate, said plate having a plait forming a strengthening rib extending inwardly of the plate to substanitally the depth of said side walls and end walls welded to the ends of the side walls and of the plait.

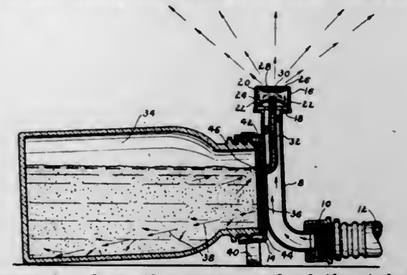
2,131,795
ILLUMINATED NUMBER OR NAME PLATE
Martin Davidson, Ojai, Calif.
Application August 19, 1937, Serial No. 159,900
4 Claims. (Cl. 40—130)



4. In a device as described a hollow molded glass prism having a transparent top wall forming a plane surface, an inclined bottom wall at substantially 45 degrees thereto, transparent end walls substantially triangular in section, the said walls having means forming a marginal rim with a plane surface forming the edge, the rim having a seating shoulder thus leaving a large opening, a closure glass fitted in said opening against the shoulders, letters or numerals secured on the outside of the closure glass and a mirror attached to and parallel to the inclined bottom.

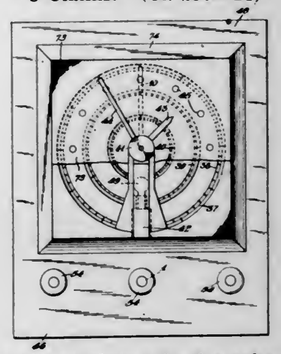
2,131,796
FERTILIZING SPRINKLER
Robert L. Day, Seattle, Wash.
Application October 30, 1936, Serial No. 108,469
1 Claim. (Cl. 299—84)

A liquid receptacle having a sealed closure and means for detachably securing an open-end of the receptacle in the closure, an upright exterior solution-conveyor pipe mounted in the closure and open to the interior of the receptacle adjacent the top thereof, a water tube rigid with the closure, enclosing the pipe and having a downwardly diverging connection through the lower portion of said closure whereby the water passing through said inlet will be directed toward and along the bottom of said receptacle,



a spray-head on the upper end of the tube, a baffle plate in the spray-head forming a lower water chamber and said plate having ports to impart a whirling motion to the fluid issuing from the spray-head, and said pipe having its open discharge end projected through said plate.

2,131,797
TRANSMISSION MEANS FOR CONTROL MEMBERS
Jean Dreyfus, Paris, France
Application December 6, 1934, Serial No. 756,378
In France April 16, 1934
8 Claims. (Cl. 250—14)

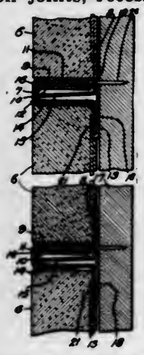


1. In a radio receiver, a loud speaker terminating in an orifice, a sound pervious tuning dial disposed across the front of the loud speaker having tuning indicia thereon arranged within the circumferential edge of the orifice of the speaker, an indicator cooperating with said tuning dial, a sound pervious clock dial superposed upon said tuning dial to normally conceal said tuning dial and having time markings thereon arranged within the circumferential edge of the orifice of the loud speaker, lighting means behind said tuning dial to cause light to appear through said tuning dial and reveal the tuning indicia, and mechanically operated clock hands cooperating with said clock dial to indicate the time independently of said tuning dial.

2,131,798
EXPANSION JOINT
Antonio Fabbro, Tampa, Fla.
Application November 4, 1937, Serial No. 172,832
3 Claims. (Cl. 72—19)

1. A concrete surfacing structure comprising a base composed of straight-edged slabs, cooper-

ating means secured to adjacent slabs and extending between the edges thereof to form interlocking expansion joints, recessed covers seated



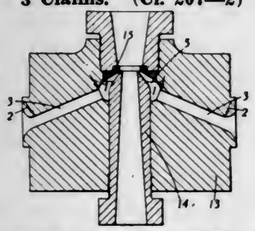
on said joints, straight-edged strips seated in the recesses of and projecting above said covers, and slabs of concrete extending between and flush with the projecting edges of said strips.

2,131,799

APPARATUS FOR EXTRUDING METAL

Charles Sandell Farmer, deceased, late of Welwyn Garden City, by Bertha Frances Farmer, executrix, Welwyn Garden City, and Charles James Beaver and Thomas James Fairfield, Bowdon, England, assignors to W. T. Glover and Company Limited, Manchester, England, a British company

Application November 5, 1937, Serial No. 172,944
In Great Britain November 24, 1936
3 Claims. (Cl. 207—2)



1. An extrusion press for metal, comprising a plurality of containers, a single extrusion chamber, means for forcing in succession metal from each container into the said extrusion chamber and connecting passages between each container and the extrusion chamber, each passage having a small taper and having its larger end near to the extrusion chamber, by reason of which each passage acts as a non-return device for the plastic metal.

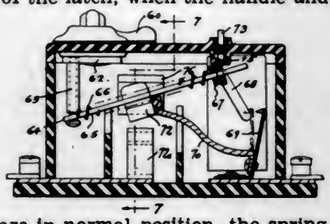
2,131,800

CIRCUIT BREAKER

William H. Frank, Detroit, Mich.

Application January 11, 1937, Serial No. 119,931
10 Claims. (Cl. 200—116)

1. In a circuit breaker controlling mechanism, an elongated spring means in the form of a coiled spring, a current responsive latch for holding the spring means under longitudinal stress in normal position, a rotatably mounted handle operatively connected to the spring means and manipulable by rotary movement out of its normal position to stress the spring means longitudinally and move it bodily out of its normal position and towards the center of rotation of the handle so that when the handle is released after such movement the spring means will tend to relieve itself of its longitudinal stress with a snap action, the relative arrangement of the parts being such that on such stress relieving movement of the spring means following such handle movement and subsequent release, the spring means will move bodily beyond the center of rotation of the handle and about the connection between the spring means and latch as a pivot, and also being such that on release of the latch, when the handle and spring



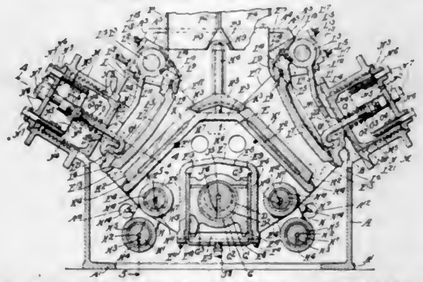
means are in normal position, the spring means will tend to relieve itself of its stress with a snap action and in so doing will move bodily about its connection to the handle as a pivot, the handle and the spring means and the latch being so arranged relatively that the handle connection end of the spring means moves in a path generally transverse to that traversed by the latch connection end of the spring means.

2,131,801

DOUBLE ACTING JAW CRUSHER

Oscar C. Gruender, Milwaukee, Wis., assignor to Nordberg Manufacturing Co., Milwaukee, Wis., a corporation of Wisconsin

Application May 19, 1934, Serial No. 726,491
15 Claims. (Cl. 83—53)



2. In a jaw crusher, a frame, a movable jaw mounted upon said frame and means for actuating it, said jaw being provided with a pair of crushing faces, situated upon opposite sides of the jaw, supporting means for said jaw including upstanding links pivoted to the frame and to a lower portion of the jaw, the pivotal connection between the upper ends of the links and the jaw being below the crushing faces of the jaw, the means for actuating the jaw including an eccentric passing through said jaw at a level generally the same as that of the pivotal connections between the jaw and the upper ends of the upstanding links, and sliding contact means intermediate said eccentric and jaw.

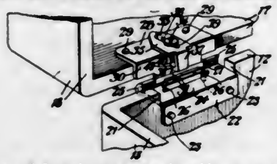
2,131,802

SEPARABLE HINGE CONNECTION

Edwin L. Harmon, Groton, N. Y., assignor to L C Smith & Corona Typewriters, Inc., Syracuse, N. Y., a corporation of New York

Original application October 18, 1935, Serial No. 45,530. Divided and this application February 18, 1937, Serial No. 126,372
7 Claims. (Cl. 16—175)

2. A separable hinge comprising two hinge elements separably hooked together for relative pivotal movement, a latch slidably held to one of said elements for sliding into and out of a latching position in which it blocks unhooking of said



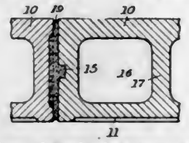
elements and having an actuating portion which is respectively exposed for operating access thereto and rendered inaccessible by relative pivotal movement between said separably hooked elements.

2,131,803

BUILDING BLOCK

Albert Henderson, Pittsburgh, Pa., assignor to William P. Witherow, Pittsburgh, Pa.

Application May 15, 1936, Serial No. 79,870
3 Claims. (Cl. 72—41)



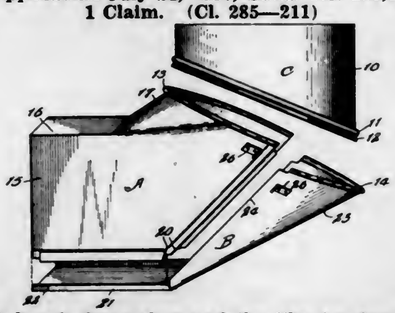
1. A building block having top and bottom faces constituting mortar-receiving portions of the block, and side and end faces, all generally at right angles to one another, at least one end face having a recessed panel whose margins are spaced inwardly from all four edges of such face, but which panel extends over the major portion of the face, the other end face having a slot therein extending from the top face to the bottom face, whereby, when such blocks are disposed end to end in courses, the slot in one block and the recessed panel in the end of an adjacent block form keys with the mortar therebetween.

2,131,804

KNOCK-DOWN SHOE FOR FURNACES

John J. Holub, Cicero, Ill.

Application July 24, 1937, Serial No. 155,425
1 Claim. (Cl. 285—211)



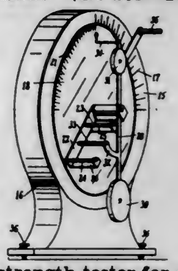
A knock-down shoe and the like for furnaces adapted for assembly at the place of use, said shoe comprising a cylindrical wall member disposed in upstanding position, and a separable member having detachable connection with the lower edge of said cylindrical wall member; said separable member embodying upper and lower wall sections having meeting edges in horizontal and oblique planes, said wall sections together providing horizontal and oblique ducts the latter of which ducts communicates with the duct provided by said cylindrical wall member, and means for detachably securing said upper and lower wall sections together whereby the ends of the walls of the oblique duct are detachably assembled with the proximate edge of said cylindrical wall member, one of said sections having a U-shaped channel at each side thereof receiving the adjacent edge of the other section, one side of said U-shaped channel having an extension thereon in position to be turned over on an angular portion of the other section to secure said sections in assembled relation.

2,131,805

BENDING STRENGTH TESTER

Lewis Howe, East Angus, Quebec, Canada

Application April 17, 1936, Serial No. 74,985
1 Claim. (Cl. 265—17)



In a bending strength tester for cardboard and the like, a rotary member having graduations thereon, arranged in a circle about the center thereof, and having a central tubular shaft, a pair of radially spaced card engaging members projecting from said member, a frame having a bearing journalling the shaft of said rotary member and having graduations thereon arranged concentrically with said first named graduations, the two sets of graduations extending in opposite directions from a given datum point when the rotary member is in its initial position, a second shaft journalled in the tubular shaft and carrying a weighted pendant, an offset card engaging member connected to said pendant and co-operating with the first mentioned card engaging members and having a pointer directed towards and co-operating with the said sets of graduations.

2,131,806

TREATMENT OF HYDROCARBONS

Vladimir Ipatieff and Vasili Komarewsky, Chicago, Ill., assignors to Universal Oil Products Company, Chicago, Ill., a ocrporaion of Delaware

No Drawing. Application August 16, 1935, Serial No. 36,561
4 Claims. (Cl. 260—676)

1. A process for producing hydrocarbon liquid boiling within the motor fuel range and containing iso-paraffins, which comprises subjecting olefinic gas to concurrent polymerization and hydrogenation by treatment thereof with hydrogen in the presence of a solid composite of a siliceous carrier, phosphoric acid and a hydrogenating catalyst.

2,131,807

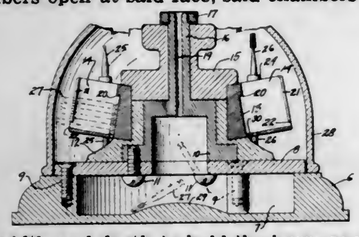
DENTAL BURR HOLDER

Henry Jerum, New York, N. Y.

Application March 25, 1936, Serial No. 70,798
3 Claims. (Cl. 312—45)

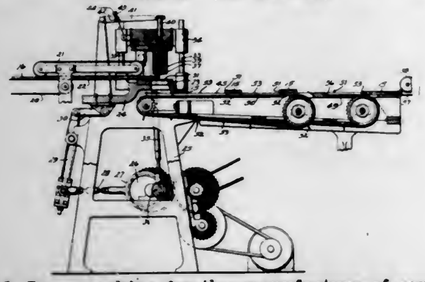
1. A holder for dental burrs comprising a member having an outer face extending in an up and

down direction with a plurality of chambers extending inward from said face for holding the burrs, the length of said chambers inward from the face to their rear walls being less than the length of the burrs placed therein, with the burrs placed to extend inwardly, whereby the front of the burrs projects outward from said face, said member having a top face with the top of said chambers open at said face, said chambers being



of a width and depth to hold the burrs so placed in a single file pile one above the other, the front of said chambers being open at the bottom sufficiently for the withdrawal outwardly of the bottom burr of the pile, but narrowed above to prevent the withdrawal outwardly of burrs in the pile above said bottom burr, and stops located outward from the inner walls of said chambers near their upper ends for limiting the tilting of the burrs upwardly at their rear.

2,131,808
SANITARY NAPKIN MACHINE
Curt G. Joa, Manitowoc, Wis., assignor to Curt G. Joa, Inc., Manitowoc, Wis., a corporation of Wisconsin
Application December 16, 1935, Serial No. 54,669
33 Claims. (Cl. 154—29)



1. In a machine for the manufacture of sanitary napkins or the like, the combination with means for continuously feeding a web of cellucotton, of means for blanking pads from said web while the web is in motion, said means comprising a die set mounted for movement along the path of said web and comprising guides reciprocable with reference to each other for a cutting operation, a means for simultaneously reciprocating said dies in a cutting operation while advancing said dies with said web along said path, and subsequently separating said dies and returning said set backwards along said path.

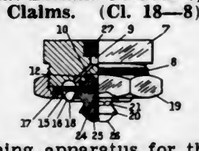
2,131,809
VALVE
Dan J. Killen, Rapid City, S. Dak.
Application January 26, 1935, Serial No. 3,541
3 Claims. (Cl. 251—122)

3. The combination with an apertured member, of a valve for the aperture comprising a normally arcuately cupped body of resilient material in which the central portion of the arc is thinned for greater resiliency and adapted to flex downwardly into contact with the margins of the aperture, and the side margins of the valve are provided



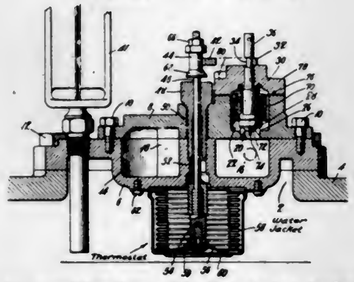
with a face normally at an angle to the surface of the member and adapted to be adjusted into face contact with the member when the central portion of the valve is flexed downwardly.

2,131,810
TREATMENT OF CELLULOSE DERIVATIVES
Edward Kinsella, Joshua Bower, John Frederick Briggs, and Robert Pierce Roberts, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application September 30, 1930, Serial No. 485,410
In Great Britain October 7, 1929
4 Claims. (Cl. 18—8)



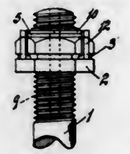
3. Dry-spinning apparatus for the production of artificial filaments, comprising a spinning chamber, a spinning jet adapted to extrude a bundle of filaments into said chamber, means adapted to draw an evaporative medium through said chamber in counter-current to the direction of extrusion of the bundle of filaments from the jet, and means for introducing additional evaporative medium in the vicinity of the jet, both inside and outside the bundle of filaments.

2,131,811
SAFETY STOP FOR INTERNAL COMBUSTION ENGINES
Ray E. Kittredge, Oil City, Pa., assignor to Joseph Reid Gas Engine Company, Oil City, Pa.
Application October 22, 1934, Serial No. 749,445
Renewed March 10, 1938
3 Claims. (Cl. 123—198)



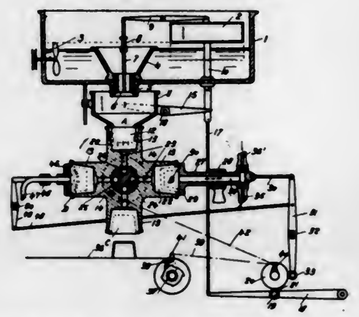
1. In combination with the water jacket of an internal combustion engine, said water jacket having an opening therein, a fuel control device comprising a chambered plate-shaped member adapted to fit over and close said opening, whereby its inner surface will be in direct contact with the water in said water jacket, fuel admission and outlet means for said chamber, a valve controlling one of said means, means normally urging said valve to closed position, means for locking said valve open, a thermostat on the wall of said plate-shaped member in contact with the water in said water jacket, and means controlled by said thermostat for releasing said locking means.

2,131,812
NUT LOCK
Mable M. Maguire, Yreka, Calif., and Russell Wright, Seattle, Wash., assignors of one-fourth to Manual S. Alves, Yreka, Calif.
Application April 17, 1936, Serial No. 74,926
1 Claim. (Cl. 151—29)



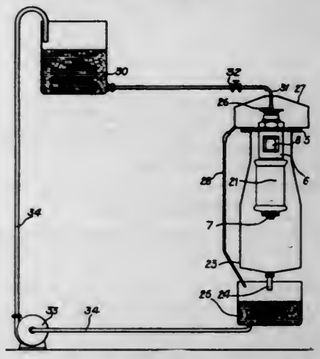
A nut lock including a bolt, a nut threaded on the bolt, said nut having recesses in the faces thereof, a washer, a tongue on the washer, said bolt having a groove to receive the tongue, said washer having continuous external teeth thereon, a ring, continuous internal teeth on the ring engageable with the teeth on the washer, and arms depending from the ring, said arms extending into the recesses whereby the ring is held on the nut.

2,131,813
APPARATUS FOR PRODUCING HOLLOW ARTICLES OR CONTAINERS FROM PAPER PULP
Robert Marguerat and Eugène Marcel Chevrier, Montrouge, France
Application April 1, 1936, Serial No. 72,124,
In France April 8, 1935
8 Claims. (Cl. 92—54)



1. Apparatus for the manufacture of hollow articles from liquid paper pulp, comprising bearing supports, a fixed horizontal shaft extending through said supports, a rotary mould carrier mounted to revolve upon said fixed horizontal shaft, means for effecting the periodic rotational movement of the said mould carrier, a plurality of open-ended female foraminous moulds mounted in said carrier, conduits in said carrier extending to said moulds and communicating in desired angular positions with other conduits passing through the fixed shaft for the timed communication of suction or pressure, a trough located above the rotary mould carrier connected with a supply of liquid paper pulp, means to maintain the level of the supply of paper pulp in said trough, outlets from said trough, funnels above said outlets the upper ends of which extend above the normal level of the liquid paper pulp in the trough, a submersible body normally maintained above the level of the liquid paper pulp in said trough, means for submersing said body to raise the level of the liquid paper pulp and cause a supply to pass into the funnels by overflow action, valve means controlling the outlets from the funnels operating in timed relationship with the movements of the submersible body and the rotation of the mould carrier to effect the filling of the female foraminous moulds when located in an upper position, foraminous male moulds for pressing the deposit in the female moulds when located in a position beyond the said upper position, means for inserting the said male moulds into the female moulds in timed relation with the movements of the carrier, hollow plunger means for carrying the male moulds, said hollow plunger means being in connection with suction-producing devices and pressure-supplying devices, fixed guide means for the reciprocation of said plunger means, and means for drying the ejected products, for the purposes set forth.

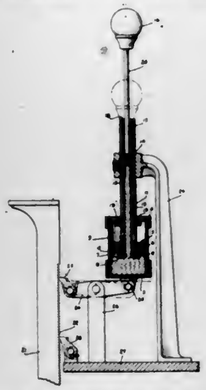
2,131,814
LIQUID TREATMENT OF YARNS
Robert Wighton Moncrieff, Frank Brentnall Hill, and Thomas Barnard Frearson, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application January 18, 1935, Serial No. 2,324
In Great Britain February 8, 1934
8 Claims. (Cl. 8—154)



1. Process for the liquid treatment of yarn in package form, which comprises feeding a treating liquid into a hollow yarn package and rapidly rotating said package so as to force said liquid through the yarn on said package by pressure due to centrifugal force, said package being completely immersed in treating liquid contained in a casing from which said liquid is allowed to issue at a rate such that the liquid in the casing is maintained under super-atmospheric pressure.

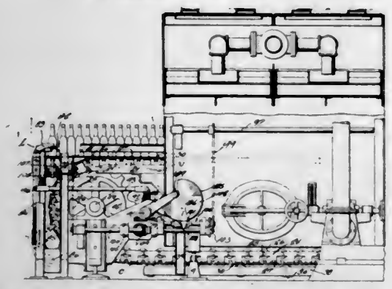
5. Apparatus for the liquid treatment of yarn in package form, comprising a casing provided with an outlet means, means for holding a hollow yarn package coaxially in said casing, means for feeding treating liquid to the interior of said package, and means for rapidly rotating said casing with the yarn package contained therein, so as to force the liquid fed into the package through the yarn on the package under pressure and out through said outlet means, said outlet means being of such dimensions as to offer a substantial resistance to the liquid flow.

2,131,815
FLUID OPERATED POWER DEVICE
Harold Nilson, Wayzata, Minn., assignor of one-third to John A. Edeby, Wayzata, Minn., and one-third to Emil Berglund, Minneapolis, Minn.
Application January 6, 1937, Serial No. 119,295
4 Claims. (Cl. 254—93)



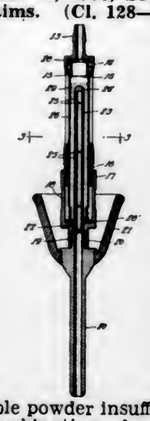
1. The combination with a driven member including a ratchet device for imparting movement thereto, of a pulsator comprising a relatively movable fluid cylinder having an operative connection with said ratchet device, and means for pumping fluid into and out of said cylinder to impart thereto a pulsating action, whereby said ratchet device is operated to transmit motion to the driven member.

2,131,816
CONVEYING MACHINERY
Frank P. Perkins, Waukesha, Wis., assignor to Michael Yundt Company, Waukesha, Wis., a corporation of Wisconsin
Application September 1, 1933, Serial No. 687,814
2 Claims. (Cl. 198—31)



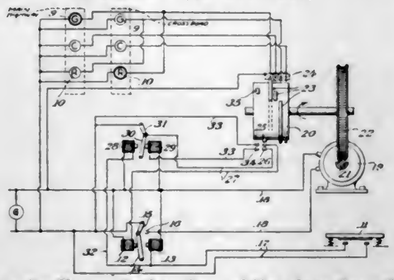
1. A machine having a main conveyor and means for loading bottles onto one end of said conveyor, a row-forming conveyor extending transversely of the main conveyor at one end of the machine, a bridge-plate between the row-forming conveyor and said main conveyor, a pusher bar for displacing a row of bottles from said row-forming conveyor onto said bridge-plate when the row is formed, and a barrier pivotally mounted on the machine and yieldably biased to swing into position across the row-forming conveyor, said barrier being adapted to be engaged by said bar and swung into inoperative position as said bar is retracted.

2,131,817
POWDER INSUFFLATOR
George W. Raiziss and Herman Brahin, Philadelphia, Pa., assignors to Abbott Laboratories, North Chicago, Ill., a corporation of Illinois
Application June 10, 1936, Serial No. 84,442
2 Claims. (Cl. 128—266)



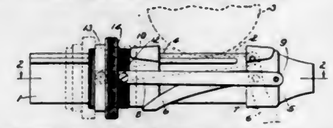
1. In a separable powder insufflator of the class described, the combination of a hollow cylinder having an end wall, a central external nipple on said end wall, and an annular seat on the inner side of said end wall encircling the bore of said nipple, the other end of said cylinder being open; an elongated cap having a screw thread connection with the open end of said cylinder and forming a longitudinal extension of the latter, said cap having an end wall formed with a central hole, and an annular seat on the inner side of said last named end wall encircling said hole, a powder ampule housed within said cylinder and cap, said ampule formed with open ends forced into snug contact with said annular seats by screwing said cap inwardly of said cylinder, a tube mounted in said hole and projecting into said ampule, said tube having holes in its walls, an air forcing device connected to said nipple, and a discharge nozzle secured to the end wall of said cap with its bore in line with the bore of said tube.

2,131,818
AUTOMATIC TRAFFIC CONTROL SYSTEM
Samuel C. Roth, Allentown, Pa., assignor to Automatic Signal Corporation, East Norwalk, Conn., a corporation of Delaware
Application February 19, 1936, Serial No. 64,771
1 Claim. (Cl. 177—337)



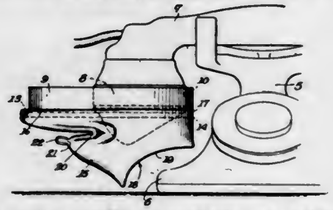
In a traffic control system of the class described, a program control rotor, an electric motor for driving the rotor, a motor circuit which when closed energizes the motor and when opened re-energizes the motor, a switch in the motor circuit, opposed electro-magnets one of which closes the switch and the other of which opens the switch, a vehicle operated switch connected in circuit with the switch closing electro-magnet, switch means operated by the rotor and controlling the electro-magnet which opens the motor circuit switch to normally confine the rotor to a single revolution, and means for permitting the rotor to continue through more than one revolution when the vehicle operated switch is actuated just as a change of signal is about to take place comprising a circuit, a switch in said circuit, opposed electro-magnets one of which closes the switch and the other of which opens the switch, the electro-magnet which opens the switch being connected in series with the vehicle operated switch and being connected in parallel with the electro-magnet which closes the motor circuit switch, switch contacts in said circuit, the other of the electromagnets being connected in series with the switch contacts, and a cam on the rotor for closing the switch contacts, coasting of the motor permitting the rotor to move sufficiently to disengage said cam from said switch contacts to deenergize said electromagnet which opens said switch.

2,131,819
REEL SEAT FOR FISHING RODS
Samuel G. Russell, Kalamazoo, Mich., assignor to Shakespeare Company, Kalamazoo, Mich., a corporation of Michigan
Application March 15, 1937, Serial No. 130,805
13 Claims. (Cl. 43—22)



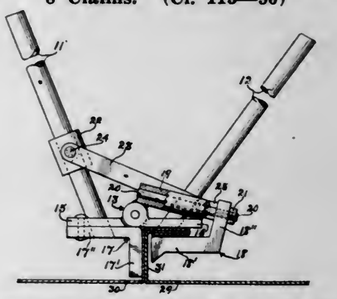
1. In a reel seat for fishing rods, the combination with a rod member adapted to receive the seat plate of a reel, a stationary clamp adapted to receive one end of the reel seat plate, and a U-shaped lever having its arms pivoted to opposite sides of said clamp, of a movable clamp adapted to engage the other end of the reel seat plate and having longitudinal slots in the opposite sides thereof, a manually adjustable nut threaded on said movable clamp and provided with an annular flange spaced from said movable clamp and having an internal annular groove, links disposed at opposite sides of said rod member and pivotally connected at one end to said lever arms, the other end of said links having tongues coacting with said groove, and studs threaded through said links for coaction with said slots so that the effective space between said clamps may be adjusted by rotating said nut to nicely accommodate reel seat plates of different lengths.

2,131,820
TELEPHONE VOICE SILENCER
Louis S. Scher, New York, N. Y.
Application February 15, 1937, Serial No. 125,837
2 Claims. (Cl. 181—34)



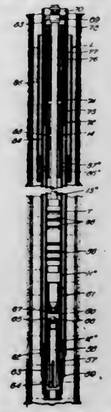
1. A voice muffler comprising a substantially rigid approximately oval plate having an opening for the reception of a telephone transmitter, said plate being also provided with a cavity, sound absorbing material in said cavity, a normally folded pliable body, and means on both said body and said plate having operative association for removably attaching said body to said plate.

2,131,821
SHEET METAL SEAMING TOOL
Carl R. Schlicht, near La Crosse, Wis.
Application December 9, 1936, Serial No. 114,984
8 Claims. (Cl. 113—56)



1. A seaming tool comprising a pair of levers and a pair of jaw members, means connecting the levers for relative pivotal movement, means for mounting one of said jaw members fixedly with one of said levers and the said connecting means, means between the second jaw member and the first said connecting means to mount this jaw member for slidable movement toward and away from said one jaw member, and means operatively connected to the slidable jaw member and being connected with the said one lever to have movement longitudinally thereof, whereby the force applied thru the levers to the jaw members is automatically increased during the seaming operation.

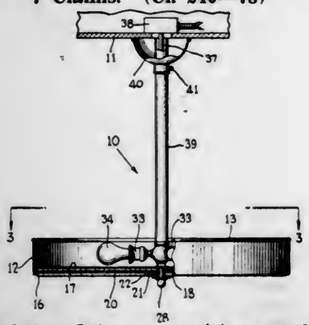
2,131,822
WELL PUMP
Herbert A. Schmidt, Whittier, Calif., assignor of one-half to James V. Keith, Los Angeles, Calif.
Application September 8, 1936, Serial No. 99,750
15 Claims. (Cl. 103—190)



1. Well pumping apparatus including, a tubing for conducting the fluid to the surface, a barrel in the tubing having an inlet valve at its

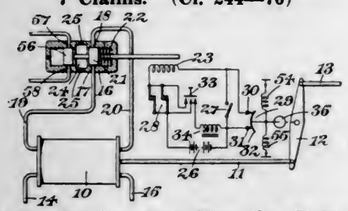
lower end, a tubular plunger reciprocable in the barrel and having a discharge communicating with the tubing, a traveling valve on the plunger, means sealing off between the barrel and tubing below the discharge of the plunger, there being communicating ports in the barrel and tubing below said means, an inlet valve controlling the port in the barrel, and outlet valve means controlling communication between the upper end of the barrel and the tubing above the sealing means.

2,131,823
LIGHTING FIXTURE
Louis Silberman, New York, N. Y.
Application June 13, 1936, Serial No. 84,984
7 Claims. (Cl. 240—78)



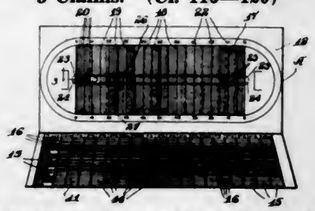
1. A lighting fixture comprising a cylindrical member provided with an inwardly extending radial flange, a pair of glass disc reflectors contacting opposite sides of said flange, said discs being formed with registering central openings, a member having a threaded stem extending through said openings, a nut screwed to said stem for clamping said discs together, lamp sockets on said member and lamps in said sockets.

2,131,824
CONTROL APPARATUS FOR AIRCRAFT
Joe Spencer, Farnborough, England, assignor to S. Smith & Sons (Motor Accessories) Limited, Cricklewood, London, England, a British company
Application March 19, 1938, Serial No. 197,005
In Great Britain March 31, 1937
7 Claims. (Cl. 244—76)



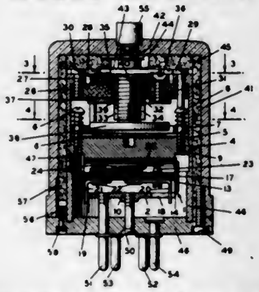
3. Apparatus for controlling the flight of an aircraft having a control surface, comprising the combination with automatic control means for said control surface, of means for releasing the control surface from the automatic control means, an adjustable operative connection between the releasing means and said control surface for automatically operating the releasing means when the movement of the control surface exceeds a predetermined amount from a selected position, and manually operated means for adjusting the said operative connection for a selected position of the control surface corresponding to the required attitude of flight.

2,131,825
GAME
Clifton S. Sultzer, Red Wing, Minn., assignor to Louise E. Sultzer, Red Wing, Minn.
Application March 22, 1935, Serial No. 12,393
5 Claims. (Cl. 116—120)



1. A game including a playing field, simulating a football field, a guide extending longitudinally of said field, slidable and rotatable polygonal means on said guide for indicating the position of a ball on the field in accordance with the position of a ball on the field of a game being broadcast, and means on said slidable means made visible by rotating said rotatable and slidable means for indicating which team is in possession of the ball.

2,131,826
PIEZO-ELECTRIC DEVICE
William A. Thomas, Old Greenwich, Conn., assignor to Premier Crystal Laboratories, Inc., New York, N. Y., a corporation of New York
Application April 5, 1937, Serial No. 134,994
13 Claims. (Cl. 171—327)

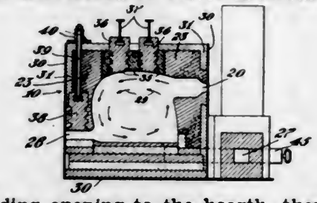


1. A piezo-electric crystal device comprising an enclosing chamber formed of a cylindrical metal member closed at its upper and lower ends, the closure for the lower end comprising a disc-like member having a ridge within the chamber to support a crystal thereon in spaced relation to the face of said lower closure member.

2,131,827
FORGE FURNACE
James W. Vanderpool, Dedham, and Raymond E. Fiscus, Malden, Mass., assignors to Eastern Refractories Company, Inc., Boston, Mass., a corporation of Massachusetts
Application June 17, 1937, Serial No. 148,715
3 Claims. (Cl. 263—43)

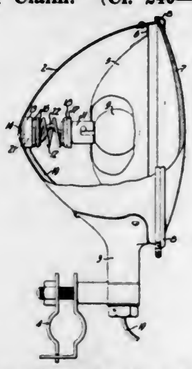
1. A down draft forge furnace comprising a combustion chamber and a stack, said chamber having openings in a wall thereof near the top through which combustion gases are forced under pressure, and a loading opening in an opposite wall thereof near the bottom through which metal to be heated is introduced into the chamber, a hearth at the bottom of the chamber onto which the metal is fed through said last named

openings, a plurality of openings in the bottom of the chamber adjacent the hearth, and lining material on the walls of the chamber so shaped at its inner surface that the gases entering the chamber are caused to travel downwardly past



the loading opening to the hearth, thence over the hearth and in part upwardly, the remainder passing out of the chamber through the openings adjacent the hearth, and flues connecting said last named openings to said stack.

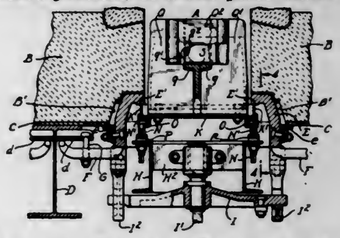
2,131,828
LAMP
Evan D. Williamson, San Francisco, Calif., assignor to E. D. Bullard Company, San Francisco, Calif., a corporation of California
Application July 13, 1936, Serial No. 90,296
1 Claim. (Cl. 240—90)



A lamp comprising a housing, a reflector having an aperture mounted in the housing, a supporting block mounted in the housing behind the reflector, a coil spring fixed at one end to the block and projecting forwardly in the line of axis of said reflector aperture, a socket mounted on the forward free end of the spring and spaced from the edges of the reflector aperture, said block having a passage leading from the forward end of the block and opening out on a side thereof inside the housing, and conductors connected with the socket and extending rearwardly through the core of the spring and passing out into the housing through said block passage.

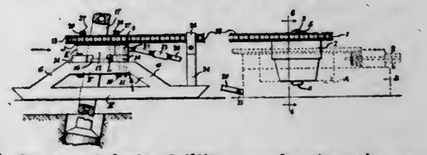
2,131,829
COKE OVEN DOOR
Louis Wilputte, New Rochelle, N. Y.
Application January 9, 1935, Serial No. 977
8 Claims. (Cl. 202—248)

6. In a self-sealing furnace door, the combination with an inner plug section and a rigid outer frame section, of a flexible sealing member comprising a metallic plate-like body portion projecting laterally beyond the lateral edge of said plug section and a rim portion extending transversely away from said body portion at the inner side of, and adjacent the marginal edge of said body portion, said body and rim portions being unsevered portions of a one piece blank of sheet



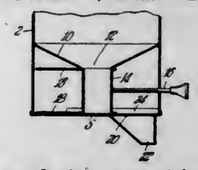
metal bent to dispose said portions transversely to one another.

2,131,830
RAT HOLE DRILLING MECHANISM
Edward D. Ackerman, Ellinwood, Kans.
Application May 5, 1938, Serial No. 206,175
5 Claims. (Cl. 255—23)



1. In a rat hole drilling mechanism, in combination with a turn table of an oil well drilling rig, the table having a master bushing concentrically positioned therein and rotatable with the table, a hubbed sprocket wheel, the periphery of the hub to conform to the inner wall of said master bushing, and means to secure the same in said bushing as turning means for the said hubbed sprocket wheel, a frame and a hubbed sprocket wheel rotatably seated on the frame so that the sprocket wheel of each hub is aligned horizontally, a chain belt as power transmitting means from one sprocket wheel to the other, means in the said other hubbed sprocket wheel to engage the shaft of a drilling stem as turning means therefor.

2,131,831
DISPENSING DEVICE
Frank D. Aldrich, Westfield, Mass.
Application February 11, 1938, Serial No. 190,019
1 Claim. (Cl. 221—104)



A dispensing device comprising in combination, a receptacle having vertical side walls and a horizontal lower wall, the latter being provided with a downwardly directed opening adjacent a side thereof, a wall member spaced above the said lower wall and extending between said side walls, said wall member being provided with a substantially central opening and cooperating with the said side and lower walls to provide an upper compartment and a lower compartment, a vertically disposed tube member wholly confined within the said lower compartment and slidable between a position underlying said opening in the said wall member and a position overlying said

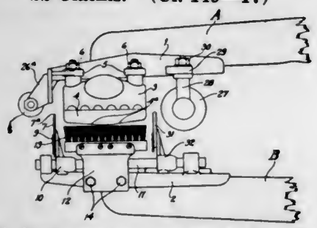
opening in the said lower wall, the sliding movements of said tube member being limited by said side walls, the upper and the lower peripheral edges of said tube being bent outwardly in a horizontal plane radially of the said tube, the rear portion of the said upper and lower bent-over edges being extended rearwardly a substantial distance, spaced guides extending upwardly from said lower wall and receiving therebetween the said lower bent-over edges of the said tube member as well as the lower extension whereby the said vertical tube is guided for its sliding movements between said positions.

2,131,832
SHOE COUNTER MANUFACTURE
Fred L. Ayers, Watertown, Mass., assignor to Brown Company, Berlin, N. H., a corporation of Maine
Application May 26, 1936, Serial No. 81,840
6 Claims. (Cl. 36—68)



1. A shoe counter of the type equipped with a bottom flange and back and side walls upstanding from said flange, comprising a two-ply sheet structure one of whose plies is flexible and the other relatively stiff, the thickness of said flexible ply progressively decreasing from the highest zone of said walls to the zone of said bottom flange and the thickness of said relatively stiff ply progressively decreasing from the zone of said bottom flange to the highest zone of said walls.

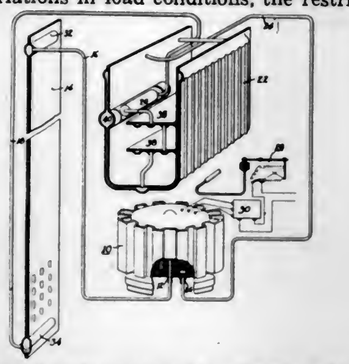
2,131,833
STAKING AND IRONING MACHINE
William F. Ayles, Watford, England, assignor to The Turner Tanning Machinery Company, Portland, Maine, a corporation of Maine
Application January 21, 1937, Serial No. 121,636
In Great Britain February 3, 1936
22 Claims. (Cl. 149—17)



1. That improvement in methods of treating leather, which comprises simultaneously staking two spaced portions of a piece of leather, at the same time tensioning the leather between said portions, and ironing the tensioned portion of the leather.

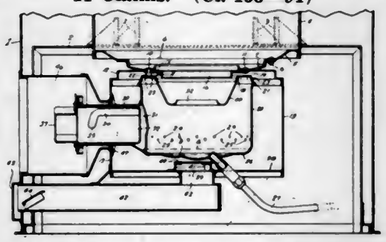
2,131,834
REFRIGERATING APPARATUS
Robert R. Candor, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application November 30, 1934, Serial No. 755,329
10 Claims. (Cl. 62—3)

1. In a refrigerating apparatus, the combination of a compressor, a condenser, a restrictor and an evaporator connected to form a refrigerant circuit and proportioned to cause variations in the level of liquid refrigerant in the evaporator with variations in load conditions, the restrictor



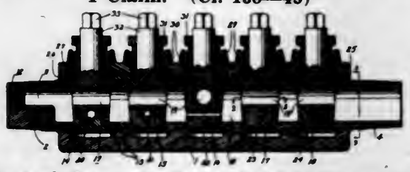
being in heat exchange relation with the refrigerant in the evaporator intermediate the upper and lower limits of travel of the liquid refrigerant level.

2,131,835
LIQUID FUEL BURNER
Lee S. Chadwick, Shaker Heights, and Theodore B. Focke, Cleveland Heights, Ohio, assignors to Perfection Stove Company, Cleveland, Ohio, a corporation of Ohio
Application March 27, 1937, Serial No. 133,414
11 Claims. (Cl. 158—91)



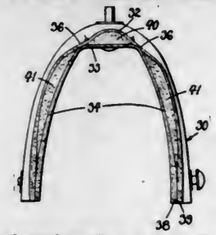
1. A burner comprising, in combination, a fuel basin having means for admitting air thereto, a combustion chamber including a wall spaced above the basin and provided with a neck that projects into the basin in spaced relation to the rim thereof so that air that enters through the space between said wall and rim is deflected downwardly, and a shield of substantial depth depending from the rim of the basin and spaced inwardly from the peripheral wall of the latter.

2,131,836
VARIABLE CHOKE
Edward E. Davidson, Houston, Tex.
Application May 24, 1937, Serial No. 144,384
1 Claim. (Cl. 138—45)



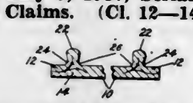
In a choke connection, a body having a relatively large passageway therethrough and a plurality of rotatable plugs extending transversely of and interrupting said passageway, each plug having a relatively large opening, all of which are of substantially the same size and adapted to be arranged in alignment with each other to provide a substantially unrestricted passage through the connection, and each plug having a smaller opening therethrough at a substantial angle to and off-set from and independent of the larger opening, said smaller openings being of varying sizes in the respective plugs whereby one of said plugs may be rotated to move the larger opening out of alignment with the passageway and the smaller opening into alignment therewith to provide a selective predetermined restriction in said passageway.

2,131,837
TOE LASTING MECHANISM
Bruton Fenton, Murphysboro, Ill., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application April 28, 1937, Serial No. 139,373
3 Claims. (Cl. 12—14.1)



3. A toe-end-embracing band having a substantially rigid closed end portion provided with a substantially flat upper-engaging face and substantially rigid side portions connected to said closed end portion by flexible corners to permit the band to be closed about the toe end of a shoe mounted on a last provided with a toe-end face substantially straight widthwise of the last without any substantial rearward wiping action of the band on the upper.

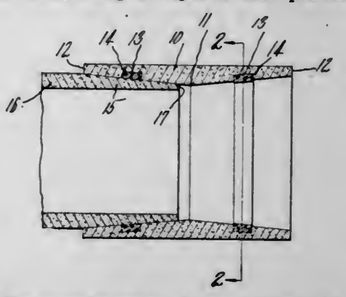
2,131,838
INSOLE AND METHOD OF MAKING THE SAME
James P. Fredericksen, Wollaston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application July 9, 1937, Serial No. 152,768
29 Claims. (Cl. 12—146)



1. That improvement in methods of making insoles which comprises forming at the marginal portion of an insole a single channel flap which varies non-uniformly in thickness widthwise, and turning the non-uniformly varying channel flap back against itself to produce on the insole an integral upstanding rib which varies in thickness heightwise.

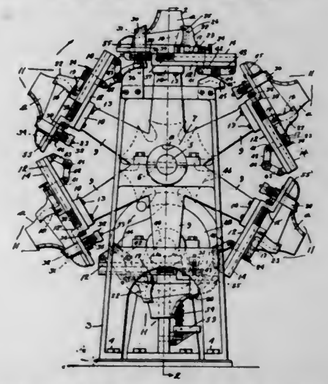
2,131,839
FIBER CONDUIT JOINT
Harry G. Hall, Detroit, Mich., assignor to The Detroit Edison Company, Detroit, Mich., a corporation of New York
Application June 5, 1937, Serial No. 146,636
3 Claims. (Cl. 285—193)

1. In a conduit joint, a rigid, waterproofed, fiber coupling comprising a socket portion of progressively decreasing internal diameter inwardly from its end and presenting an internal wall substantially smooth excepting for an annular recess formed therein, a strip of resilient, waterproof material laid into said recess and normally protruding slightly above said internal socket wall, and a rigid, waterproofed, fiber conduit comprising a tapered end portion sub-



stantially complemental to said internal socket wall and driven into said socket past said strip, whereby, as said tapered conduit end portion is thus driven, said strip is compressed progressively to lie substantially flush with said internal socket wall and thus to make substantially watertight engagement with the external wall of said tapered end portion.

2,131,840
SHOE UPPER STRETCHING MACHINE
Euclid I. La Chapelle, Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application October 21, 1936, Serial No. 106,765
15 Claims. (Cl. 12—97)

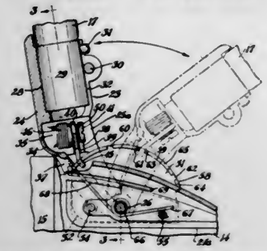


1. A machine for stretching shoe uppers lengthwise having shoe upper holding means constructed and arranged to engage the vamp and the seams uniting the vamp and the quarters of the shoe upper in the immediate vicinity of the throat of the vamp for holding the shoe upper and the said seams from rearward movement, shoe upper heel-holding means in the form of coacting clamping members adapted to engage the heel end of the shoe upper at the inner side and at the outer side thereof, one of the said coacting clamping members having a recess which receives the back seam portion of the shoe upper and the other clamping member having a rib constructed and arranged to hold the back seam in the said recess.

2,131,841
PROCESSING OF CALCINED PIGMENTS
Sanford C. Lyons, Bennington, Vt., assignor to Bird Machine Co., Walpole, Mass., a corporation of Massachusetts
No Drawing. Application May 10, 1937, Serial No. 141,710
15 Claims. (Cl. 134—58)

1. A method of producing from precipitated titanic hydroxide, part of whose solids content consists of particles of a size smaller than the wave length of visible light, an improved titanium dioxide pigment capable of smoothly covering surfaces with uniform texture and high opacity, which comprises calcining said precipitated titanic hydroxide and thereby transforming its content of particles smaller than the wave length of light just beyond the visible range into titanium dioxide aggregates of distinctly larger size, ball-milling the resulting calcined titanium dioxide pigment in the presence of water to form a pigment suspension, continuously centrifuging the resulting pigment suspension under substantially constant solids-depositing conditions, including substantially constant effective centrifuging force, to remove coarse pigment particles while leaving the fine pigment particles in suspension, and recovering the fine pigment particles from suspension as an improved titanium dioxide pigment of substantially constant particle size characteristics throughout the centrifuging operation.

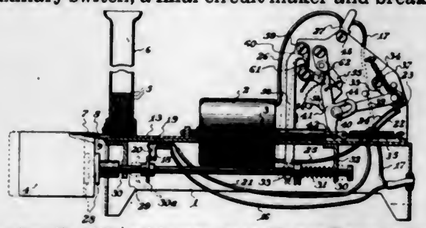
2,131,842
SUCTION CLEANER HANDLE CONSTRUCTION
Eugene F. Martinet, Cleveland, Ohio, assignor to The P. A. Geier Company, Cleveland, Ohio, a corporation of Ohio
Application March 17, 1936, Serial No. 69,346
5 Claims. (Cl. 306—13)



3. In suction cleaner construction; a motor, fan and nozzle unit; a manipulating handle unit pivotally mounted on the first mentioned unit for operation in a free-swinging and nozzle-tilting range, in a horizontal range, and in a plurality of locked positions; and a foot-actuated handle controlling device including a plurality of locking parts and a plurality of stop parts on one of the units, lever means on the other unit for selective engagement with any of said locking or stop parts, means urging said lever means to a position for abutment with any of said stop parts, and means rendering said last means inoperative when the lever means engages any of said locking parts, whereby the stop parts provide for limiting movement of the handle selectively in free swinging and nozzle tilting range, or in horizontal range.

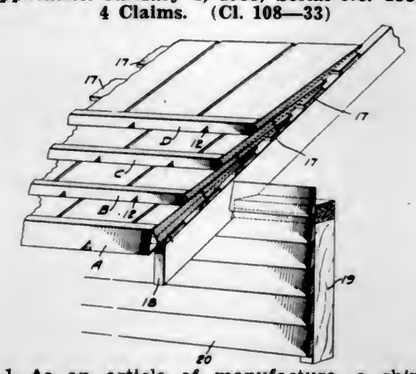
2,131,843
COIN INJECTOR FOR PACKAGES
Charles E. McMakin, Tulsa, Okla.
Application July 24, 1937, Serial No. 155,556
17 Claims. (Cl. 226—2)

1. A machine for depositing a predetermined number of coins within the wrapper of a package, said machine comprising a coin hopper, a coin guide extension carried by the hopper and adapted to be inserted within the wrapper of the package, solenoid means for forcing coins from the hopper into the wrapper of a package, means for energizing said solenoid, a main switch, an auxiliary switch, a final circuit maker and breaker



in circuit with said means, said auxiliary switch being normally closed, said final switch being normally closed until a predetermined number of operations, said main switch being opened and means controlled by the package and cooperating with the main switch for closing the same whereby a successive predetermined number of solenoid operations will take place until the final switch is opened.

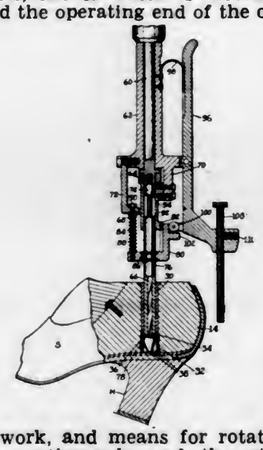
2,131,844
GUARD FOR SHINGLE EDGES
Panos H. Mooshian, Los Angeles, Calif.
Application January 4, 1938, Serial No. 183,265
4 Claims. (Cl. 108—33)



1. As an article of manufacture, a shingle guard comprising an elongated sheet metal strip bent longitudinally into two approximately parallel companion runs which are spaced apart such a distance as to adapt them for having fitted between them the lower edge portions of a plurality of adjacent shingles in a transverse course of applied roof shingles, said runs comprising an upper and a lower run in the applied position, said lower run extending farther down the roof than said upper run, and a third run joining the lower edges of the other said runs, said third run being at an acute downwardly directed angle in relation to the lower run.

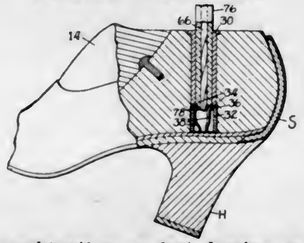
2,131,845
MEANS FOR OPERATING UPON THE HEEL-PORTIONS OF SHOES
William H. Nutt, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application September 12, 1935, Serial No. 40,287
21 Claims. (Cl. 144—93)

10. In an apparatus for operating upon a lasted shoe through a last-opening, two concentric tools, one of which is movable through and beyond the operating end of the other to act



upon the work, and means for rotating one of said tools continuously and the other intermittently.

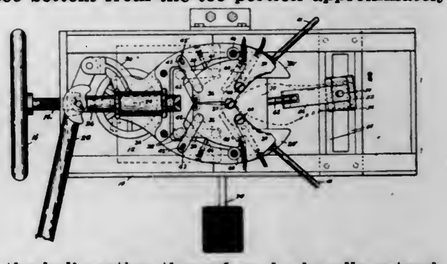
2,131,846
LAST
William H. Nutt, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Original application September 12, 1935, Serial No. 40,287. Divided and this application January 21, 1937, Serial No. 121,625
4 Claims. (Cl. 12—139)



1. In combination, a last having a passage opening through the heel-seat-surface, and a fastening-centering device secured in the passage at the heel-seat-end and constructed and arranged to position substantially at the axis of the passage and at the heel-seat-surface the entering point of a fastening, the device being provided with a projection to retain it against displacement in the passage.

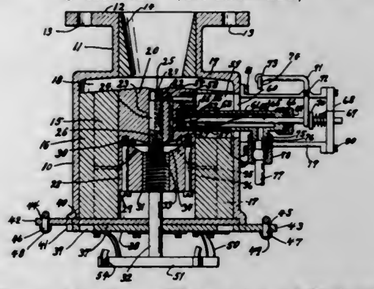
2,131,847
LASTING MACHINE
Thomas Roberts, Haverhill, Mass., assignor to United Shoe Machinery Corporation, Boston, Mass., a corporation of New Jersey
Application October 25, 1934, Serial No. 749,932
4 Claims. (Cl. 12—14)

1. In a shoe lasting machine, a pair of horizontally disposed, pivotally connected toe wiper jaws and means for moving them longitudinally and for swinging them together horizontally to wipe in the toe portion of the upper of a shoe supported therebetween, a side wiper member pivotally connected to the end portion of each jaw, the side wiper members being arranged to be swung horizontally from inoperative positions at opposite sides of the shoe to positions in engagement with the opposite edge portions of the shoe bottom from the toe portion approximately



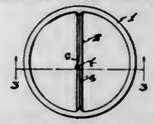
to the ball portion thereof, and a handle extending from each of said members for manually operating the same.

2,131,848
CARBURETOR
Conrad R. Robidoux, West Hartford, Conn.
Application June 16, 1936, Serial No. 85,560
5 Claims. (Cl. 123—119)



1. In combination with an air and fuel mixing device for an internal combustion engine, means for controlling the supply of combustion supporting air, means operatively connected to said means for controlling the fuel discharged from said device, said last mentioned means comprising a metering pin that cooperates with a knife edge seat to form an atomizing nozzle, said metering pin having a longitudinal passageway axially disposed therein whereby a portion of the combustion supporting air will be drawn into the carburetor through said longitudinal passageway and will effect a cooling of the atomizing nozzle.

2,131,849
MARKING DEVICE FOR ORIENTING WHIPSTOCKS
Eugene O. Tolson, Fort Worth, Tex.
Application February 7, 1936, Serial No. 63,353
3 Claims. (Cl. 255—1)



1. In combination with a clinograph and a drill bit for deep wells, a marking device for use in orienting whipstocks comprising a graduated impression plate detachably fixed to the lowermost end of the said clinograph, a ring adjustably arranged within the head of the said drill bit having an integral diametrically arranged rib therethrough, a knife-like edge along the upper side

of the said rib having a pointer intermediate its ends, the said rib providing an impression in the said impression plate in the normal cooperation of the said clinograph with the said drill bit.

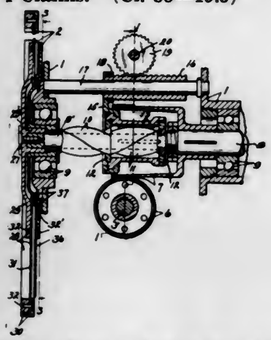
2,131,850

MOTION PICTURE MACHINE

John M. Wall, Syracuse, N. Y.

Original application July 11, 1935, Serial No. 30,865. Divided and this application February 23, 1937, Serial No. 127,020

4 Claims. (Cl. 88—19.3)



1. A shutter mechanism for motion picture machines or the like, comprising a shutter element having an exposure aperture extending therethrough, a closure element mounted adjacent said shutter element, a shutter shaft secured to one of the elements to produce rotation thereof, right handed and left handed screw members arranged in axial aligned relation with each other and secured respectively to the shutter shaft and to the other element, and manually controlled means operatively connected with the screw members for producing relative movement of the closure element and shutter element to vary the effective size of the exposure aperture.

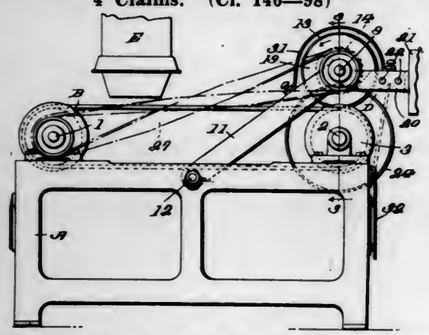
2,131,851

VEGETABLE SLICING MACHINE

Mortimer R. Anstice, Rochester, N. Y., assignor to Josiah Anstice & Company, Inc., Rochester, N. Y., a corporation of New York

Application April 18, 1936, Serial No. 75,216

4 Claims. (Cl. 146—98)



1. In a slicing machine, an endless conveyor having a surface capable of being penetrated by knives, means to deliver slices of vegetables to said conveyor, a rotatable shaft carrying a plurality of knives rotatable with the shaft and arranged in spaced parallel relationship, a pair of rollers carried by said shaft and of slightly less diameter than said knives, said shaft positioned above said conveyor and freely movable in respect thereto, said rollers being freely rotatable upon said shaft and adapted to engage said conveyor for definitely determining the degree of contact of the knives with said conveyor, means to rotate said conveyor towards said knives, and means to rotate said knives in a direction opposite to the movement of said conveyor.

2,131,852

LIGHT PROJECTING SYSTEM

Frederick S. Brackett, Chevy Chase, Md., assignor to Research Corporation, New York, N. Y., a corporation of New York

Application July 27, 1936, Serial No. 92,917

2 Claims. (Cl. 240—41.3)



1. An optical system comprising a lens having a surface thereof convex and spherical, a source of illumination, and a concave reflector the axial portion of which is composed of segmental zones each of which is so developed as to send its reflected rays to a selected and consecutive portion of the lens, the curvature of each segmental zone being so configurated as to compensate for spherical aberration of the corresponding portion of the lens, said axial portion merging into a portion which is generated through revolution about the axis of the system by a portion of an ellipse one focus of which is at the source of illumination and the other focus of which is off axis to such an extent that substantially all of the radiation reflected by said portion generated by the ellipse passes through the opposite half of the lens, said source of illumination, lens and reflector being so disposed with respect to each other that rays intercepted by said axial portion of the reflector emerge from said lens essentially parallel to each other.

2,131,853

SUBSTITUTED HEPTA- AND PENTA-METHINECYANINES

Walter Dieterle, Dessau-Ziebigk, and Walter Zeh, Dessau, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York

No Drawing. Application September 12, 1933, Serial No. 689,122. In Germany September 14, 1932

1 Claim. (Cl. 260—240)

Bis-[3-ethyl - 5.6 - diethoxy-benzthiazole-(2)]-heptamethinecyanine iodide.

2,131,854

SELF-OILING DIE STOCK

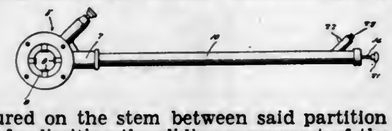
Ernest S. Gremillion, Bunkie, La.

Application October 15, 1937, Serial No. 169,289

1 Claim. (Cl. 10—126)

In combination with an annular die holder frame having a die supporting head releasably mounted therein for rotation and provided with a series of radially arranged lubricating ports to carry lubricant to the dies of the head and work engaged by the dies, an internally screw threaded socket formed on the frame, a handle having a plug-like end externally screw threaded and threaded in the socket and provided with a lubricant reservoir extending from the plug-like end through the free end of the handle, a cap detachably secured on the free end of the handle

for closing one end of the reservoir, said plug-like end of the handle having a lubricant passage leading from said reservoir and adapted to communicate with the ports of the head during rotation of the latter relative to the frame, a check valve in said passage to prevent lubricant and cuttings from the head from passing into the reservoir by way of the passage, a stem slidable in the reservoir and cap and including a finger piece arranged outwardly of the reservoir, a piston having a port there-through secured on the stem and having a frictional fit with the walls of the reservoir, a flap valve for the port of said piston, a partition in said reservoir adjacent the cap and having said stem slidable there-through, a pin



secured on the stem between said partition and cap for limiting the sliding movement of the piston, a coil spring on said stem and bearing against the partition and pin and acting to urge the piston towards the partition for charging the portion of the reservoir between said piston and the plug-shaped end of the handle with lubricant obtained from the reservoir between said piston and the partition, and said handle remote from said die holder being provided with a filling neck extending at an angle of about 45° from said handle towards the outer end of the handle, so that lubricant may be easily poured therein when said handle is positioned in an upward direction from the work engaged by the die holder, and a closure plug for said filling neck.

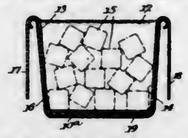
2,131,855

ICE CUBE HOLDER AND METHOD OF HANDLING ICE CUBES

Fred Hummel, Hopewell, Va.

Application September 14, 1937, Serial No. 163,852

4 Claims. (Cl. 62—1)



1. In a container for the storage in a refrigerator of pre-frozen ice cubes in bulk, a pan of rigid material, and a receptacle of rubber or like flexible material to which ice is substantially non-adherent disposed in and removable from said pan, said receptacle having side walls co-extensive with the walls of the pan and a flap above said side walls, said flap being foldable over the charge in the receptacle to confine the same so that upon removal of the receptacle from the pan it may be manipulated to separate the cubes which have become frozen together during storage.

2,131,856

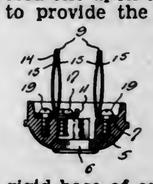
ELECTRIC PLUG

Thomas H. Lambert, Ridgewood, N. J., assignor of forty-five per cent to Ruggero Tortoreto and twenty per cent to John Mergendoller, both of New York, N. Y.

Application March 30, 1936, Serial No. 71,769

2 Claims. (Cl. 173—361)

1. An electric plug of the cap type comprising an insulating body having a central wiring aperture and recessed at one end to provide an annular ledge therein, a pair of prong contacts, each prong contact comprising a centrally return-bent elongated strip of spring metal providing a contact portion having two plies integrally joined at the outer end of said contact portion and slightly arched apart longitudinally throughout the major portions of their length, said strip having arcuate extensions integral with the ends thereof superimposed one upon the other in contacting relation to provide the contact portion



with an integral rigid base of arcuate form disposed at right angles to and outwardly of said contact portion, means fastening the bases of said contacts on said ledge of the insulating body at opposite sides of said wiring aperture, and means to connect an electric wire to the base of each prong contact.

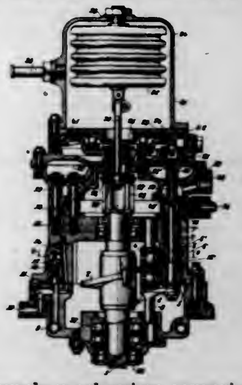
2,131,857

LIQUID FUEL INJECTION APPARATUS FOR INTERNAL COMBUSTION ENGINES

Marin André Lauret, Neuilly/Seine, France

Application March 24, 1936, Serial No. 70,601

4 Claims. (Cl. 123—139)



1. A fuel supply mechanism comprising a housing having a plurality of ducts formed therein to supply a liquid fuel under pressure, a plurality of pump means in the housing to subject the fuel to pressure, each of said pumps including a piston, means for actuating the pistons, an enlarged portion on each of the pistons, the housing being formed with cylinders within which the pistons are received, and each of the cylinders being formed with an enlarged portion to receive the enlarged portions of the pistons, and means to supply lubricant to the enlarged portions of the housing, a return valve in the housing communicating with the enlarged portions of the cylinders to limit the oil pressure therein, and a spring engaging the valve and serving as the loading means therefor to load the valve to a constant degree, whereby the enlarged portions of the pistons form lubricating pumps to maintain a film of oil about the pistons to prevent infiltration of the petrol into the source of lubricant.

2,131,858

NONCOCKING FISHING SPINNER

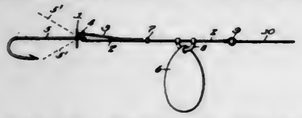
Robert W. Ledrich, Cuyahoga Falls, Ohio

Application May 19, 1936, Serial No. 80,621

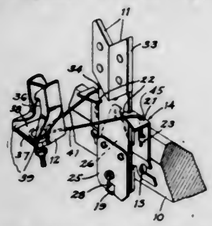
5 Claims. (Cl. 43—28)

1. A non-cocking lure comprising a relatively

straight member for attachment to a line having an elastic catch adapted to receive the eye of a hook or fly said catch being short and bent approximately at right angles to said member, a loop surrounding the eye of the hook adjacent to the catch, an extension from the loop engaging the catch and extending alongside and being rigidly secured to the straight member to which it is attached, a line securing means at the free end of the straight member, a spinner on such member, and means for limiting the extent of movement of the spinner.

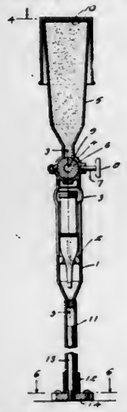


2,131,859
THREAD CLEANER
Herman R. Schmadeke, Brooklyn, N. Y., assignor to Falcon Machine and Tool Co., Inc., Brooklyn, N. Y., a corporation of New York
Application January 2, 1936, Serial No. 57,307
8 Claims. (Cl. 28—70)



1. In a thread cleaner, a blade holder, a support for said holder, and means for retaining said holder in said support including a plurality of lost-motion connections between said holder and said support, whereby said holder is movable in any direction with respect to said support in the plane of said holder.

2,131,860
GREASE GUN FILLER
Mathias Schwabenlender, Hilbert, Wis.
Application August 24, 1937, Serial No. 160,695
3 Claims. (Cl. 221—47.5)



1. A grease gun filler comprising a supporting sleeve to receive and support an open grease gun, a grease hopper connected with said sleeve, a valve for controlling the flow of grease from the hopper to the gun within the sleeve, and means for slidably supporting said sleeve whereby the latter may be reciprocated and subjected to a jolting action for settling grease in the gun.

2,131,861
ELECTRODE HOLDER
Ellis R. Smith, Bradford, Pa.
Application August 5, 1937, Serial No. 157,628
1 Claim. (Cl. 219—8)

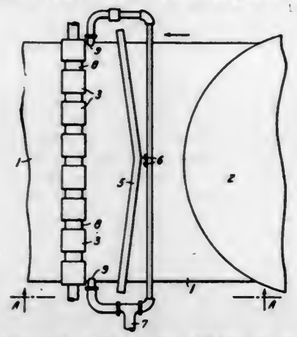


An electrode holder comprising an insulated tubular frame, a clamp rod slidably mounted in the frame, there being oppositely disposed obliquely extending slots in the end of the tubular frame adjacent to the end of the clamp rod, a tubular handle of insulating material sleeved on the end of the tubular frame opposite the slotted end thereof, the tubular frame being provided near the handle with oppositely disposed longitudinally extending slots, a cylindrical collar of insulating material slidably sleeved upon the tubular frame at said longitudinal slots, a pin connected at the ends to the collar and to the clamp rod and slidably engaged through said longitudinally extending slots, said collar terminating in a flange constituting a grip through the medium of which the collar may be slid toward the handle to retract the clamp rod from the obliquely slotted end of the tubular frame, said flange forming a supporting rest for the electrode holder when it is not in use, and a spring housed in the tubular frame in rear of the clamp rod and urging the clamp rod forwardly into the obliquely slotted end of the tubular frame.

2,131,862
GLASS GRINDING APPARATUS
Frederic Barnes Waldron, Prescot, England, assignor to Pilkington Brothers Limited, Liverpool, England, a limited liability company
Application January 28, 1938, Serial No. 187,398
In Great Britain February 1, 1937
6 Claims. (Cl. 51—112)

1. Apparatus for grinding a continuous strip of glass comprising grinding tools operating simultaneously on the upper and lower sides of the strip, and the combination with pairs of rollers between the tools adapted to grip the strip and drive it between the tools of which at least the

upper roller has a plurality of grooves at the pass between the said roller and the glass, of means



for maintaining a layer of water in continuous and rapid motion in the said pass.

2,131,863
SKI POLE
Andrew S. Wright, Springfield, Mass.
Application December 30, 1936, Serial No. 118,218
1 Claim. (Cl. 280—11.37)



As a new article of manufacture, a ski-pole of the class described comprising in combination, a longitudinally-extending rod member, a ring member secured thereto concentrically thereof adjacent one end thereof, said ring member consisting of a single length of bamboo material having opposite ends of unequal outside diameters and bent so that said ends are in abutting relation, and a sleeve member extending around the opposite end portions of said length of bamboo material, said sleeve member consisting of a cellulose plastic tube which is normally of uniform diameter throughout its length shrunk about said end portions by application of a solvent of the plastic material so as to conform to the outside diameters thereof.

2,131,864
PROCESS OF MAKING HEPTAMETHINE DYES
Walter Zeh, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
No Drawing. Application May 11, 1934, Serial No. 725,214. In Germany May 18, 1933
5 Claims. (Cl. 260—240)

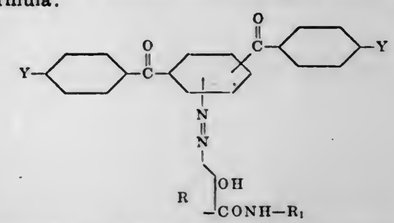
1. The process of producing an unsymmetrical heptamethinecyanine which comprises reacting on a quaternary ammonium salt of a nitrogenous heterocyclic base selected from the class consisting of α-methyl-thiazoles, α-methyl-selenazoles, α-methyl-quinolines and γ-methyl-quinolines with an ε-phenylimido-α-phenylamido-α.γ-pentadiene hydrohalide in the presence of an amount of alkaline condensing agent not greater than the quantity equivalent to that of the base, and condensing the intermediate product thus obtained with another quaternary ammonium salt of a nitrogenous heterocyclic base selected from the class consisting of α-methyl-thiazoles, α-methyl-selenazoles, α-methyl-quinolines and γ-methyl-quinolines in the presence of an alkaline condensing agent.

2,131,865
PROCESS OF MAKING PENTAMETHINE CYANINE DYES
Walter Zeh, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
No Drawing. Application May 28, 1934, Serial No. 728,043. In Germany June 3, 1933
6 Claims. (Cl. 260—240)

1. The process of producing an unsymmetrical methinecyanine which comprises reacting on the quaternary ammonium salt of a nitrogenous heterocyclic base selected from the group consisting of α-methylthiazoles, α-methylselenazoles, α-methylquinolines and γ-methylquinolines with an α-phenylamido-γ-phenylimidopropene hydrohalide in the presence of an amount of alkaline condensing agent not greater than the quantity equivalent to that of the base, and condensing the resulting intermediate product with another quaternary ammonium salt of a nitrogenous base selected from the group consisting of α-methylthiazoles, α-methylselenazoles, α-methylquinolines, and γ-methylquinolines in the presence of an alkaline condensing agent.

2,131,866
WATER INSOLUBLE AZO DYESTUFFS
Werner Zerweck and Karl Schütz, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application March 9, 1935, Serial No. 10,326. In Germany March 17, 1934
4 Claims. (Cl. 260—164)

1. Water insoluble azo dyestuffs of the general formula:



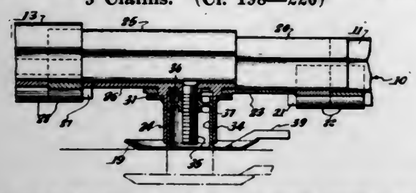
wherein Y stands for a member of the group consisting of hydrogen, methyl and halogen, and



stands for a radical of the group consisting of the naphthalene, carbazole and benzo-carbazole series, and R_1 stands for a radical of the group consisting of phenyl, substituted phenyl and naphthyl, no water solubilizing group being present in the whole molecule, which dyestuffs are suitable

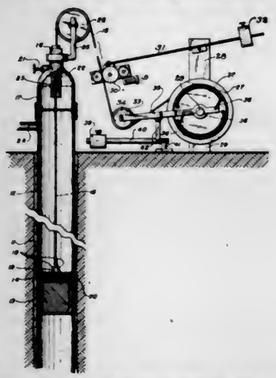
for the production of valuable color lakes and dye, when produced on the fiber, cotton, valuable shades of a good fastness.

2,131,867
SHAKER CONVEYER
Ernst R. Bergmann, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application November 20, 1937, Serial No. 175,555
9 Claims. (Cl. 198—220)



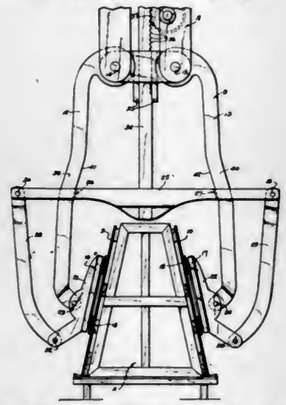
1. In a swivel for shaker conveyer trough lines, a supporting shoe adapted to rest on the ground, a connecting trough section mounted on said shoe for pivotal movement with respect thereto about a vertical axis, another connecting trough section mounted for movement with respect to said first trough section about a vertical axis, said shoe having an upwardly extending cylindrical portion, a hollow cylindrical frame extending downwardly from one of said trough sections and adapted to have pivotal and slidable engagement with said cylindrical portion, a supporting connection between said frame and trough sections, and an interengaging elevating connection between said frame and cylindrical portion for elevating said frame and trough sections with respect to said shoe upon rotation of said shoe.

2,131,868
WELL MEASURING
Kenneth Bolton, Pittsburgh, Pa., and John E. Weiler, Duncan, Okla., assignors to Halliburton Oil Well Cementing Company, Duncan, Okla.
Application January 7, 1938, Serial No. 183,758
8 Claims. (Cl. 33—126.5)



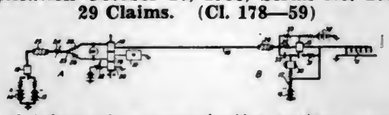
1. Apparatus adapted for use in the cementing of an oil well or the like including a plug adapted to be pumped into the well with a batch of fluid cement, a measuring line connected to the plug, and automatic means for feeding the line into the well as the plug moves downwardly therein, said automatic means having a brake cooperating with the line and adapted, when set, to retard movement of the line and an arrangement for operating the brake to release the same when the line is subjected to a predetermined tension due to pressure exerted on said plug.

2,131,869
SHEET GLASS HANDLING APPARATUS
Charles D. Burrell, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio
Application April 16, 1937, Serial No. 137,287
7 Claims. (Cl. 294—65)



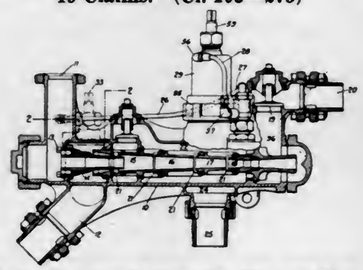
1. Sheet glass handling apparatus comprising in combination, supporting means, a pair of substantially vertical lever arms carried at their upper ends by said supporting means, a vacuum frame pivoted to the lower end of each lever arm and being provided with sheet holding means, and means slidably associated with said lever arms and having operative connections with said vacuum frame for swinging the said vacuum frames to a substantially horizontal position upon upward movement thereof relative to the said lever arms.

2,131,870
TELEGRAPH SYSTEM
Walter W. Cramer, Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application October 10, 1936, Serial No. 104,959
29 Claims. (Cl. 178—59)



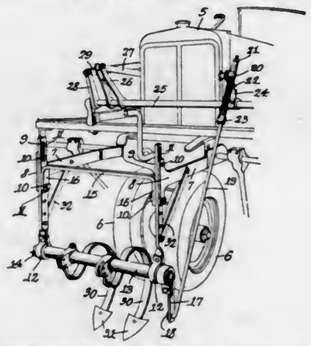
1. A telegraph communication system comprising a first station, a second station, a direct current telegraph line connecting said stations, terminal composite circuits included in said line, intermediate composite sets included in said line, an open-wire portion subject to varying leakage conditions included in said line, receiving means at each of said stations, transmitting means at each of said stations connected to the ends of said line for transmitting two signaling conditons to the other of said stations the values of which are so related to each other and to said line that the algebraic sum of the currents of said signaling conditons at the other of said stations is substantially independent of variations of the leakage resistance of said telegraph line, said transmitting means being arranged to have substantially the same impedance when transmitting both of said conditions to the opposite station, and variable biasing means at one of said telegraph stations for adjusting the receiving means thereat to respond equally to said two conditions transmitted thereto from the other of said stations.

2,131,871
INJECTOR OVERFLOW MECHANISM
Bengt E. Folke, Mamaroneck, N. Y., assignor to Nathan Manufacturing Company, New York, N. Y., a corporation of New York
Application May 2, 1938, Serial No. 205,499
19 Claims. (Cl. 103—275)



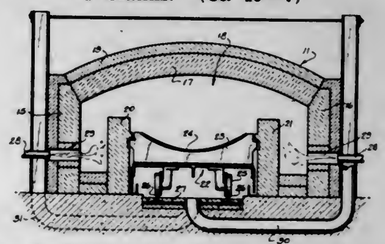
1. Actuating mechanism for the overflow valve of an injector comprising a housing and a piston therein, the said housing having a steam inlet connected to the steam supply of the injector, a duct to the overflow valve, a passage to the delivery chamber of the injector and an outlet to the atmosphere, the said piston being operated by steam pressure from the said inlet at one end and by fluid pressure from the said delivery chamber at the other end, and separate valve means adapted to be actuated by the piston to open communication between the duct to the overflow valve and the outlet to the atmosphere when the said steam pressure exceeds the said fluid pressure, the same valve means being adapted to close communication between the said duct and the atmosphere when the fluid pressure exceeds the steam pressure.

2,131,872
MULCHER LIFTER
Fred G. Galpin, Williamsfield, Ill.
Application July 26, 1937, Serial No. 155,820
1 Claim. (Cl. 97—47)



An attachment for farm tractors, comprising a frame, means for mounting the frame on a tractor for vertical adjustment, said frame including side bars, bearings at the lower ends of the side bars, a horizontal shaft mounted within the bearings, spring arms carrying blades, mounted on the shaft, an arm secured to one end of the shaft, a rod connected to the free end of the arm, an operating shaft, an arm having an eye member, secured to the operating shaft, said rod extending through the eye member, a collar on the rod, a spring on the rod, one end of the spring engaging the collar, the opposite end of the spring contacting with one edge of the eye member, cushioning the movements of the rod, and means for operating the operating shaft to raise and lower said spring arms and blades.

2,131,873
APPARATUS FOR BENDING GLASS
David H. Goodwillie, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio
Application July 5, 1934, Serial No. 733,741
4 Claims. (Cl. 49—7)

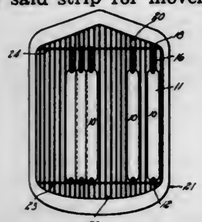


4. In an apparatus for bending flat or substantially flat blanks of glass to a predetermined curvature, a continuous tunnel furnace including a preheating portion, a bending portion, and a cooling portion arranged in substantial horizontal alignment, molds for supporting the blanks to be bent and having curved mold faces, means for passing the molds and blanks successively through said preheating, bending and cooling portions, said blanks being preheated within said preheating portion and subsequently cooled in said cooling portion, means for subjecting the blanks to a bending heat within said bending portion, thereby causing the said blanks to drop and take the shape of the molds, means mounted in the forward end of the cooling portion for effecting a mechanical pressing of the said blanks subsequent to the bending thereof but while they are still in a highly heated condition to force them into intimate contact with the molds, means communicating with the preheating portion for creating a draft within the bending portion whereby to withdraw a portion of the heat from said bending portion and cause it to flow longitudinally through said preheating portion in a direction opposite to the direction of movement of the molds and blanks therethrough, and means communicating with the bending portion at the end thereof remote from the preheating portion serving to create a draft in the said bending portion to counteract the withdrawal of the heat therefrom into the said preheating portion.

2,131,874
RADIATOR PROTECTOR
John B. Griffin, Oakville, Conn.
Application May 25, 1936, Serial No. 81,560
5 Claims. (Cl. 257—132)

5. In a radiator cover, an elongated flexible strip, a fastening device secured to one end of the strip, a resilient member secured at one end to the opposite end of the strip and at its other end to a second fastening device, said fastening

devices being selectively engageable with the front portion of an automobile radiator, the strip being provided with a series of spaced apertures therethrough, and a shutter member slidably supported by said strip for movement in align-



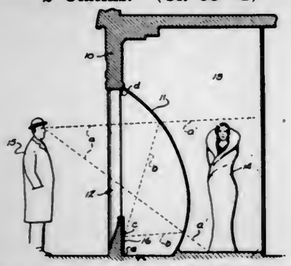
ment therewith and having spaced apertures therethrough arranged to be moved into and out of alignment with said other apertures whereby the effective size of the apertures through the strip may be controlled to regulate the air flow to the radiator.

2,131,875
NONREFLECTING WINDOW

John J. Hopfield, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio

Application December 31, 1935, Serial No. 56,992

2 Claims. (Cl. 88—1)



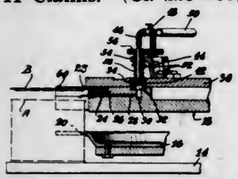
1. A non-reflecting display window for a given size window opening including a curved transparent glass plate constituting a portion of an ellipse, and a light absorbing screen associated therewith, the elliptical curvature of the glass plate being such that when the plate is mounted in the window opening the foci of the ellipse will be represented by a point on the light absorbing screen and a point located at the normal position of the eyes of the average observer viewing the display while the ellipse will pass through or near the top of the window opening whereby the reflected field of view of the observer is wholly at the light absorbing screen.

2,131,876
APPARATUS FOR BLANKETING COMESTIBLES WITH INERT GAS

Samuel A. Hurst, Leonia, N. J., assignor to Lever Brothers Company, a corporation of Maine

Application July 22, 1936, Serial No. 91,920

11 Claims. (Cl. 226—68)



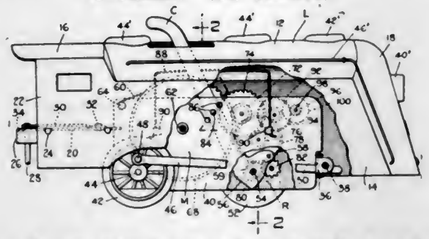
2. In a device for injecting inert gas into containers, movable means for supporting a series of containers, means movable with the supporting means for maintaining the position of the containers on the latter, and a device carried by the positioning means adjacent one portion only, of the periphery of a container for injecting inert gas into and across the top of the container.

2,131,877
REVERSING AND LOCKING MECHANISM FOR SPRING MOTOR TOYS

Roderick V. King, Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y., a corporation of New York

Application January 28, 1936, Serial No. 61,123

8 Claims. (Cl. 46—208)



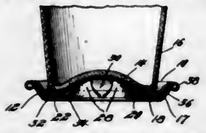
1. A toy vehicle comprising wheels, a spring motor, a train of gearing between said spring motor and said wheels, controlling means for so relatively moving some of said gears as to bring the gears into any one of three relationships, first a forward running relationship, second a locking relationship in which the motor is simultaneously connected to the wheels in forward and backward running relation, and third a backward running relationship, and detent means to hold the controlling means in any one of the aforesaid three relationships.

2,131,878
COASTER

Arthur L. Lawrence, Newton, Mass.

Application February 23, 1937, Serial No. 127,130

8 Claims. (Cl. 65—53)



6. A coaster, comprising a pad of moisture absorbent material of greater area than the base of a drinking glass or other container and having a hole therein and a layer of adhesive fabric secured to the lower surface thereof, having the portion thereof extending below said hole, having slits therein dividing said portion into portions individually capable of being bent upwards through said hole to engage the base of a drinking glass or container to adhesively secure said coaster thereto.

2,131,879
METHOD OF TREATING HYDROCARBON DISTILLATES

Waldo C. Ault and Carroll A. Hochwalt, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware

No Drawing. Application March 3, 1936, Serial No. 66,893

3 Claims. (Cl. 196—36)

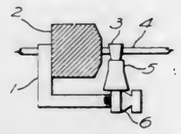
1. In the catalytic refining of hydrocarbon vapors of gasoline motor fuel boiling range by contact with a catalyst comprising an acid reacting compound of phosphorus below cracking temperature in the presence of water vapor to convert gum forming constituents of the said hydrocarbon vapor to relatively high boiling products as compared to the gasoline being treated and separating the desired gasoline product from the converted gum forming constituents, the steps that comprise removing water from the treated hydrocarbon material as discharged from the catalyst and subsequently separating gasoline from converted gum forming constituents by fractionation.

2,131,880
RACKET STRINGING DEVICE

Alan L. Becket, East Orange, N. J.

Application November 3, 1934, Serial No. 751,410

2 Claims. (Cl. 273—73)



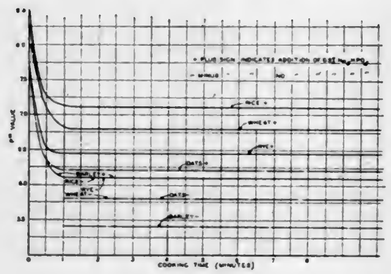
1. A racket repairing device of the character described consisting of a main body portion, string clamp, frame brace and tightening means, the said string clamp being located at one end of said main body and the said frame brace being located at the opposite end of said main body, the said tightening means being located upon the said body portion and being a part thereof consisting of a screw means for drawing a racket string tight when the said string clamp grips a racket string and the said frame brace engages the outside surface of a racket frame under pressure exerted by the said tightening means.

2,131,881
METHOD OF TREATING CEREALS AND RESULTING PRODUCT

Howard J. Billings, South Acton, Mass., assignor to Arthur D. Little, Incorporated, Cambridge, Mass., a corporation of Massachusetts

Application December 28, 1935, Serial No. 56,503

6 Claims. (Cl. 99—83)



1. Process of preparing cereals to render them quick-cooking, comprising the step of treating the raw cereal in crushed granular form with a sufficient amount of a buffer reagent which is characterized by raising and maintaining the pH value of the mixture by 0.3 to approximately 1 when put into water and cooked, but not appreciably to exceed that of neutrality, without causing foaming.

2,131,882
DESIGN EMBOSSED HIGH LUSTER FINISH MATERIAL

Brady S. Armor and John J. Walsh, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application April 10, 1936, Serial No. 73,809

5 Claims. (Cl. 91—67.9)

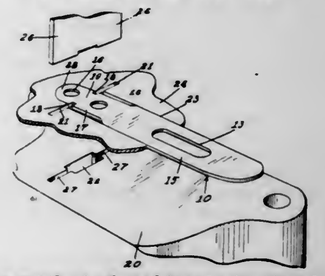
1. Process for preparing an embossed coated fabric of high luster on the hills and a dull luster in the valleys which comprises applying to a woven fabric a pigmented composition containing cellulose nitrate, a softener and volatile solvents, the said softener being present in amount about twice that of the cellulose nitrate allowing the said composition to dry and applying thereto a composition containing approximately equal parts of cellulose nitrate and a softener dispersed in a volatile organic liquid, allowing the said organic liquid to evaporate, and applying a surface coat of cellulose nitrate and embossing the said fabric under a pressure of about 10 to 30 lbs. per square inch with an embossing member having sharp relief portions which are relatively small compared to the depression areas, whereby the surface coat only is pierced by the embossing member.

2,131,883
METHOD OF MAKING STRUCTURAL UNITS

Fred F. Becker, Chicago, Ill., assignor, by mesne assignments, to Rock-Ola Manufacturing Corporation, Chicago, Ill., a corporation of Delaware

Application February 27, 1935, Serial No. 8,428

2 Claims. (Cl. 113—116)



1. The method of making a structural unit of elongated form which comprises cutting an elongated blank, drilling spaced holes in said blank, cutting opposite edgewise notches in the blank midway between the axes of said holes, and forcing said blank into a well having rigid side walls by application of pressure against said blank between said notches, while utilizing said notches in effecting axial registration of said openings.

2,131,884
ELECTRIC PLUG CONNECTION

Lou Allen Brodhecker, Brownstown, Ind.

Application August 5, 1936, Serial No. 94,315

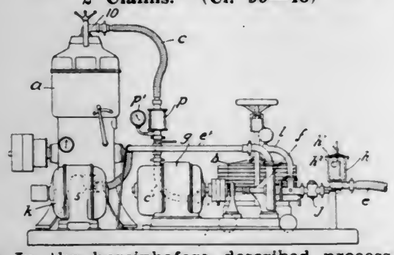
2 Claims. (Cl. 173—343)



1. In an electrical connecting device, a receptacle having a major slot, a contact member carried by the receptacle on each side of the slot, a

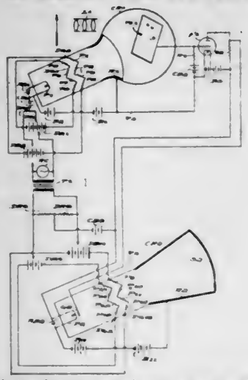
plug, a pair of contacting prongs extending in a curve from the plug and having feet formed to enter said slot and to be carried into contact with said contact members upon rotation of the plug, said feet being out-turned, and shoulders along said slot under which said prongs are yieldingly extended by contact of the curved portion of the prongs with the shoulders to compressibly retain said feet in contact with said contact member.

2,131,885
PROCESS FOR CLARIFYING AND STERILIZING BEER AND OTHER LIQUIDS
Douglas Percy Shoolbred Fox, London, England, assignor to The De Laval Separator Company, New York, N. Y., a corporation of New Jersey
Application September 3, 1935, Serial No. 39,015
In Great Britain September 4, 1934
2 Claims. (Cl. 99—48)



2. In the hereinbefore described process for clarifying and sterilizing a liquid by flowing it from a source of supply and subjecting it, while under superatmospheric pressure, successively to centrifugal clarification and filtration in a closed path, the improvement which comprises starting the operation by closing said path between the locus of centrifugal clarification and the locus of filtration, providing a by-pass to establish an endless circuit through a part of said closed path including the locus of centrifugal clarification, admitting liquid to said circuit and flowing it endlessly therethrough, and then closing said by-pass and opening the closed path between the loci of centrifugal clarification and filtration and establishing a flow of the liquid to be clarified and sterilized through said closed path.

2,131,886
TELEVISION SYSTEM
Oliver T. Francis, Renville, Minn.
Application October 9, 1934, Serial No. 747,503
18 Claims. (Cl. 178—6.8)



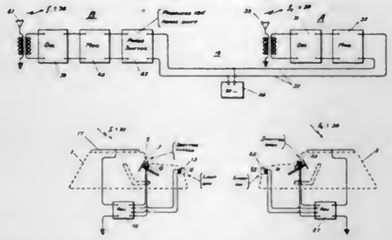
18. In a television receiver, means for receiving picture signals, means for converting said signals into a visible signal, comprising an envelope, an anode therein, an electron emitting light radiating cathode therein, and means actuated by the picture signals to vary the space charge in the vicinity of successive elemental areas of said cathode to control the electron emission from said successive areas of said cathode, to reproduce a picture on said cathode surface.

2,131,887
HEATER MANUFACTURE
Ernst Friederich, Berlin-Charlottenburg, and Hermann Wilhelm Klose, Berlin-Reinickendorf, Germany, assignors to Allgemiene Elektricitats Gesellschaft, Berlin, Germany, a corporation of Germany
Application February 19, 1936, Serial No. 64,672
In Germany March 2, 1935
1 Claim. (Cl. 25—156)



The method of making solid insulator bodies with a spiral groove to receive a heater wire for indirectly heated cathodes, comprising placing a coiled spiral of vaporizable material around a cylindrical insulating body, placing insulating paste between the turns of said coil of said body, firing the body at a high temperature to simultaneously fuse the paste to the body, remove said coil, and solidify said paste.

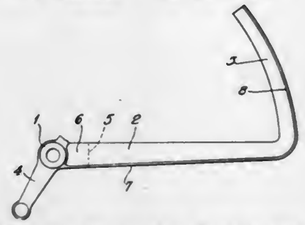
2,131,888
AUTOMOBILE LIGHTING SYSTEM
Floyd M. Harris, Merchantville, N. J.
Application November 6, 1933, Serial No. 696,801
14 Claims. (Cl. 88—1)



2. In a vehicle, a windshield, a shutter comprising two disc segments which have poor light-transmitting ability, means for rotatably mounting said disc segments with their axes located near the bottom of said windshield, means for so rotating said disc segments in a fixed time relation with respect to each other that they periodically assume a position facing each other at substantially their lowest position during a rotation whereby the shutter is opened to permit an unobstructed view through said windshield.

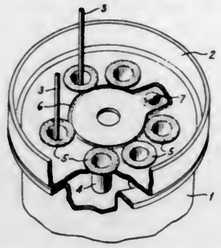
3. A lighting system for two approaching vehicles travelling in opposite directions, each vehicle having a headlight and having a shutter positioned to intercept the view of the driver of the vehicle periodically, means including a radio receiver in each of said vehicles and a radio transmitter for flashing said headlights alternately at a rate at least equal to that of persistency of vision, and means for alternately closing said shutters in such time relation with the flashing of said headlights that the shutter of one vehicle is open when the headlight of said vehicle is lighted and the headlight of the other vehicle is dark.

2,131,889
PEDAL
Henry S. Holmes, Brooklyn, N. Y., assignor to Metropolitan Engineering Company, Brooklyn, N. Y., a corporation of New York
Application May 1, 1936, Serial No. 77,295
7 Claims. (Cl. 74—560)



1. A pedal for automobile brakes and the like comprising a hub, a power arm having a portion extending approximately horizontally and a portion extending upward from one end of said horizontal portion, both of which portions are of flanged rolled metal sections, and a work arm extending from said hub at an angle to the horizontal arm, said power arm being welded at its other end to the hub.

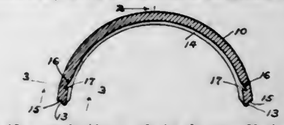
2,131,890
BRAZING
Lloyd C. Hopkins, Jr., Jersey City, N. J., assignor, by mesne assignments, to Radio Corporation of America, a corporation of Delaware
Application July 31, 1936, Serial No. 93,569
1 Claim. (Cl. 113—112)



The process of brazing a plurality of tubular eyelets fitted into spaced openings in a nickel plated metal disc, the eyelets having radial flanges in contact with the nickel plated surface of the disc, comprising fitting said eyelets in the spaced openings of the disc with the eyelet flanges in contact with the nickel plated surface, fracturing the nickel plating along a narrow path communicating with the surface of contact between the disc and each eyelet flange, melting a mass of copper on the nickel surface at one point in said path to cause the metal to flow by capillary action over the plate only along said path and into the spaces between the flanges and said disc.

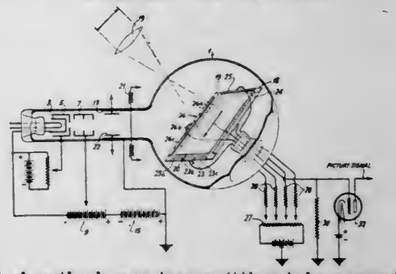
2,131,891
PRINTING PLATE
William F. Huck, Richmond Hill, N. Y., assignor to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York
Original application December 31, 1934, Serial No. 759,983. Divided and this application August 21, 1937, Serial No. 160,327
10 Claims. (Cl. 101—395)

1. As an article of manufacture, a semi-cylindrical printing plate having reduced projections extending circumferentially from the straight edges thereof, and shoulders formed on the inner



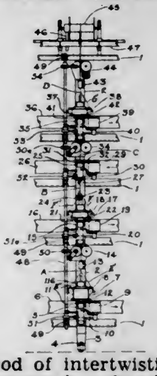
face of the printing plate immediately adjacent the projections.

2,131,892
ELECTRON DISCHARGE DEVICE
Harley A. Iams, Berkeley Heights, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application October 1, 1936, Serial No. 103,487
9 Claims. (Cl. 178—7.2)



6. A cathode ray transmitting tube comprising a target electrode adapted to receive an optical image, a collector electrode in front of said target electrode, and scanning means including an electron gun for directing a scanning beam over said target in a series of parallel paths, a compensating electrode mounted out of the path of the scanning beam and adjacent one end of the paths followed by the scanning beam, and means to maintain said compensating electrode at a predetermined potential with respect to said target electrode for producing in conjunction with said collector electrode along the surface of said screen an electrostatic field by which the effects of the field due to scanning the target electrode in one direction are minimized.

2,131,893
PROCESS AND APPARATUS FOR TWISTING THREADS
Charles C. Jessen, Miami, Fla.
Application October 26, 1935, Serial No. 46,881
36 Claims. (Cl. 117—35)



1. The method of intertwisting a plurality of threads which comprises drawing a core thread

into an intertwisting zone under a first tension, drawing an effect thread into said zone under a second tension sufficiently lower than said first tension to permit ballooning of said effect thread as it is drawn toward said zone, intertwisting the effect thread tightly about the core thread as the two threads are drawn through said zone, and thereafter continuously backwinding a portion of the intertwist of the effect thread about the core thread to loosen the effect thread on the core thread before winding the yarn on a spool.

2,131,894

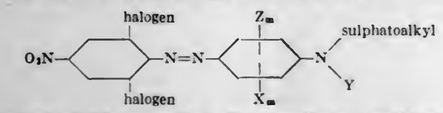
AZO DYESTUFFS AND THEIR PRODUCTION

Arthur Howard Knight, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application November 30, 1934, Serial No. 755,505. In Great Britain December 8, 1933

12 Claims. (Cl. 260—205)

1. The compound represented by the formula:



in which X is methyl, Z is methoxy, each m is one of the group consisting of 0, 1, and 2, the sum of $m+m$ is not greater than 2, and Y is one of the group consisting of hydrogen and alkyl.

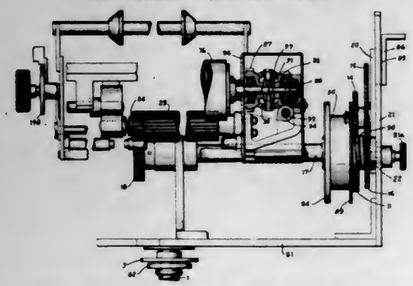
2,131,895

PAPER FEEDING DEVICE

Ulrich M. W. Kölm, Berlin-Lankwitz, and Hugo Mutschler, Berlin-Sudende, Germany, assignors to International Business Machines Corp., New York, N. Y., a corporation of New York

Application December 18, 1934, Serial No. 757,990 In Germany March 27, 1934

10 Claims. (Cl. 197—133)



5. In a machine operated for item entering and total printing cycles, means for feeding a record sheet, means for shifting said sheet back or forth into correct printing position, and means operated only on total printing cycles for selecting said shifting means for operation.

2,131,896

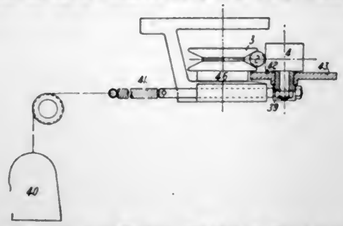
SPINNING AND LIKE TEXTILE FRAME

Oswald Lambert, Tamise, Belgium

Application November 12, 1937, Serial No. 174,244 In Great Britain November 19, 1936

3 Claims. (Cl. 118—47)

2. A spinning, twisting, or like textile frame, comprising, in combination with a spindle rail, at least one row of spindles journalled in said rail, wharves on said spindles below said rail, an endless travelling rope for driving said wharves, said endless rope looped in a vertical plane at one side only of said row of spindles, a pulley at one end of said row of spindles, a driven pulley at the opposite end of said row of spindles, said pulleys wrapped by said endless rope, jockey rollers for



pressing the upper flight of said endless rope into engagement with said wharves, suspended weights for loading said jockey rollers, connections including springs between said weights and said jockey rollers, and a rope-tensioning pulley located between said first-mentioned pulleys and engaging the lower flight of said endless rope.

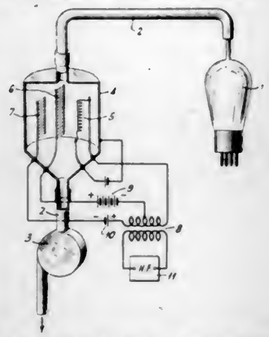
2,131,897

ELECTRONIC VACUUM PUMP

Louis Malter, West Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware

Application February 27, 1937, Serial No. 128,088

6 Claims. (Cl. 230—69)



1. Apparatus for producing a vacuum comprising a container with an inlet port and an outlet port, an anode electrode connected to a positive source of potential insulatingly mounted adjacent said inlet port, an electron source mounted in cooperative relation with said anode electrode in the container, said anode electrode presenting a relatively small electron collecting surface to said source, and means to give a rhythmical motion to the electrons emitted by said source for increasing the distance of travel of electrons passing between said electron source and said anode electrode.

2,131,898

PAJAMAS

Leah G. Milkes, Chicago, Ill.

Application February 19, 1938, Serial No. 191,429

1 Claim. (Cl. 2—83)

In a garment of the type specified, a leg and foot receiving member of normal cross-sectional dimension along its ankle embracing portion to permit easy passage of the foot therethrough, a strap of elastic fabric secured at its ends to side

wall portions of the said ankle embracing portion and of less length than the distance normally separating said points of attachment when said ankle embracing portion is completely expanded maintaining the rear wall portion of the latter normally gathered to cause said ankle embracing portion to embrace the ankle of the wearer snugly, there being a transverse slot in the front wall portion of the garment at the upper end of



the foot receiving portion thereof through which the foot of the wearer is adapted to be projected and a manually operable closure for said slot, said foot portion adapted, when said slot is open and the foot projected therethrough, to be folded back and upwardly along a line in the back wall portion aligned substantially with said slot and inserted between said strap and said gathered wall portion embraced thereby.

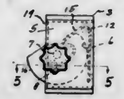
2,131,899

SAFETY LATCH

Thomas W. Moody, Houston, Tex.

Application May 22, 1936, Serial No. 81,147

3 Claims. (Cl. 292—219)



1. A safety latch to limit the relative movement of two window sashes comprising an anchor plate to be fixed to one sash, an irregularly shaped latch plate pivoted on said plate for turning movement transversely of the window, a latch portion on said plate to project into the path of the other sash, spring means normally urging said plate to latching position, a handle member to turn said plate in opposition to said spring to a tripped position so that the sash may be moved beyond the limited position.

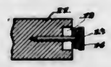
2,131,900

FURNITURE

Erving B. Morgan, Grand Rapids, Mich., assignor to American Seating Company, Grand Rapids, Mich., a corporation of New Jersey

Application April 5, 1937, Serial No. 135,091

2 Claims. (Cl. 41—35)



1. The method of decorating a piece of furniture, which consists in cutting a groove in the piece of furniture; driving a nail partially into said groove; shaping a decorative element to fit within said groove; securing a clip to said element in a position corresponding to the position of the nail in said groove; securing the clip to the nail; and thereafter driving the element into the groove.

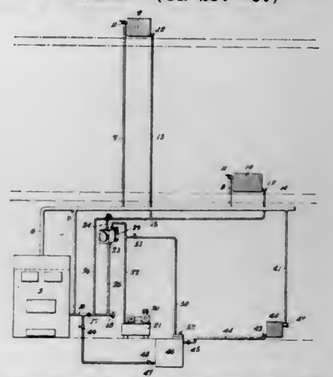
2,131,901

VACUUM HEATING SYSTEM

George W. Parkton, Dalton, Pa.

Application August 27, 1935, Serial No. 38,018

2 Claims. (Cl. 237—67)



1. In a vacuum heating system, a boiler, heat radiators connected thereto, a return water line connecting said radiators and boiler, a float reservoir located above the normal water level of said boiler, a single water connection between said return water line and float reservoir and opening into the bottom of said reservoir, a vapor connection between said return water line and the top of said reservoir, vacuum inducing means, a pressure connection from the top of said reservoir to said vacuum inducing means, a float in said reservoir and a valve controlled by said float for closing said pressure connection upon a rise of said float on the water in said reservoir and opening said valve upon a drop of said float in said reservoir, whereby when said pressure connection to said vacuum inducing means is shut off the differential pressure between the boiler and return water line will be reduced and the return water may flow by gravity back into said boiler.

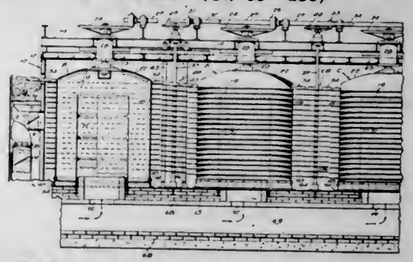
2,131,902

FISH COOKING APPARATUS AND METHOD

David D. Peebles, Eureka, Paul D. V. Manning, Berkeley Woods, and Alfred H. Potbury, Berkeley, Calif., assignors, by direct and mesne assignments, to F. E. Booth Company, Inc., San Francisco, Calif., a corporation of Nevada

Application August 5, 1930, Serial No. 473,178

5 Claims. (Cl. 99—188)

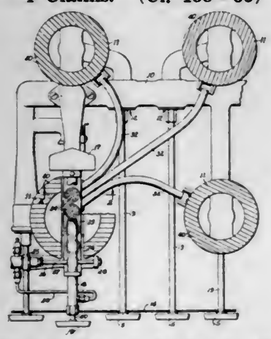


1. In fish cooking apparatus, a structure forming a chamber, a plurality of superposed supporting shelves within the chamber adapted to receive cans of fish, means for cyclically moving said shelving, and transfer discs for transferring cans between shelves at different levels.

2. The method of treating fish and the like which comprises packing the fish in open cans,

subjecting the upright packed cans to heat treatment to liberate oil therefrom, which oil is retained by the cans, tilting the cans to effect drainage of oil therefrom, then subjecting the upright packed cans to heat treatment to substantially complete cooking of the flesh, and thereafter draining and closing the cans.

2,131,903
AUTOMATIC LIGHTER SYSTEM FOR VAPOR FUEL STOVES
George E. Pickup, Newark, Ohio, assignor, by mesne assignments, to Florence-Wehrle Stove Co., Newark, Ohio, a corporation of Ohio
Application November 22, 1935, Serial No. 51,137
4 Claims. (Cl. 158—85)

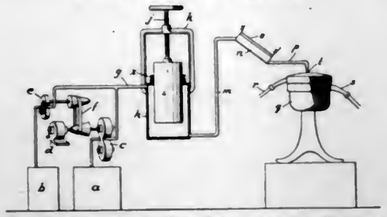


1. In combination in a lighter system for a vapor fuel stove including a burner structure embodying a manifold and means for delivering fuel vapor to said manifold, a hollow valve-controlled principal burner and an auxiliary burner continuously lighted while the stove is in use both communicating with said manifold, said principal burner having an upper burner surface and being arranged for up-draft combustion, an orifice in the side of said principal burner below said burner surface, said orifice being of substantial diameter to permit the discharge from said principal burner of a considerable volume of heavy fuel vapor after the burner has been turned on and before any appreciable quantity has escaped through said burner surface, a lighter duct having one end in substantially spaced relation to said orifice and its other end communicating with the combustion zone of said auxiliary burner for conveying to said combustion zone fuel vapor passing from said principal burner through said orifice whereby to effect ignition of said vapor, and means for preventing entrance to the interior of the principal burner of the flame resulting as an incident to ignition of said fuel vapor.

2,131,904
STABILIZATION OF ANIMAL AND VEGETABLE FATS AND OILS
Paul L. Salzberg, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 9, 1935, Serial No. 49,038
8 Claims. (Cl. 87—12)

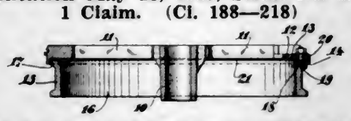
1. Animal and vegetable fats and oils normally tending to become rancid having incorporated therein, in an amount sufficient to inhibit rancidity development, a polyhydric phenol of the benzene series having at least one hydroxyl group in at least one of the positions ortho and para to another hydroxyl group and an alkyl radical of 12 carbon atoms, said phenol consisting of carbon, hydrogen and oxygen.

2,131,905
APPARATUS FOR CAUSING REACTION BETWEEN LIQUIDS AND FOR SEPARATING THE REACTED PRODUCTS
George J. Strezynski, Poughkeepsie, N. Y., and Walter Kronasser, Graz, Austria, assignors to The De Laval Separator Company, New York, N. Y., a corporation of New Jersey
Application October 23, 1933, Serial No. 694,762
3 Claims. (Cl. 196—46)



1. In that type of closed apparatus for causing reaction between liquids and for separating the reaction products which comprises containers for the liquids to be supplied, a reaction tank, means to deliver the liquids from the containers at variable but predetermined relative rates of speed and a centrifuge to which the mixture of reacted liquids is delivered, the improvement which comprises means to vary the volume of the reaction tank in order to adjust the time of reaction, whereby the reaction chamber may be always completely filled while its capacity may be varied to vary the time of reaction.

2,131,906
BRAKE DRUM
Ralph K. Super, Allentown, Pa., assignor to Mack Manufacturing Corporation, a corporation of Delaware
Application May 18, 1935, Serial No. 22,188
1 Claim. (Cl. 188—218)

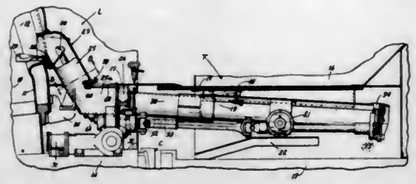


A brake drum and support comprising a spider, an annular support on the spider having a machined face lying in a plane perpendicular to the axis of the drum, a brake drum having a straight bore through, a machined face on one end of the drum lying in a plane perpendicular to the axis of the drum, a pilot flange on the drum having an uninterrupted machined face, a mating flange on the spider to mate with and locate the pilot flange to center the drum in any angular position of the drum with respect to the spider, and means to secure the drum to the spider with the flanges thereof in contiguous relationship.

2,131,907
CONVEYING MECHANISM
Charles J. Surdy, Tuckahoe, N. Y., assignor, by mesne assignments, to The Standard Stoker Company, Inc., (1922), New York, N. Y., a corporation of Delaware
Application March 23, 1935, Serial No. 12,583
4 Claims. (Cl. 198—15)

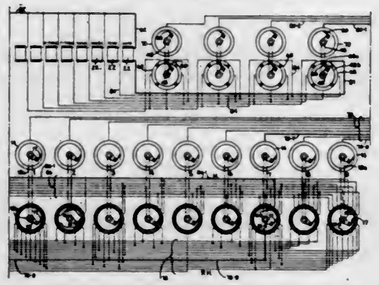
1. In a locomotive provided with a frame and a firebox having a backwall with a firing opening therein, an upwardly extending stoker conduit delivering to said firing opening, a conveyor screw in said conduit, a motor for operating said conveyor screw, said motor being rigidly secured

to said frame, a shaft operatively connected with said motor disposed subjacent the conveyor screw in said upwardly extending conduit, gearing operatively connected with said shaft and being disposed subjacent the conveyor screw in said upwardly extending conduit, and a link journaled



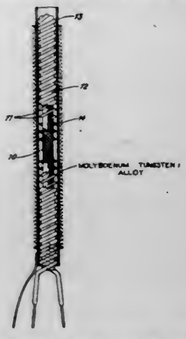
in said upwardly extending conduit at one end universally connected with said conveyor screw and at its other end universally connected with said gearing, said shaft, link and conveyor screw being at successively greater angles to the horizontal.

2,131,908
MULTIPLYING MACHINE
Torkel E. Torkelson, Merrick, N. Y., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application December 20, 1932, Serial No. 648,036
1 Claim. (Cl. 235—61)



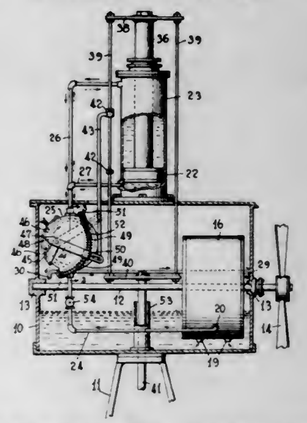
In a multiplying machine, a plurality of multiplying commutator devices, one for each of the digits of a notation and each being arranged to emit impulses representative of the product of one of said digits times all the digits, a plurality of multiplicand keys settable to represent a multidenominational multiplicand, a digit line connecting each digit representing commutator device to the keys corresponding to the same digit, a plurality of multiplier keys, one for each significant digit, a set of pairs of contacts for each multiplier key, a set of eight digit representing lines connecting said commutator devices to one, two or three pairs of contacts of each key, a second set of fourteen digit representing lines connecting said commutator devices to one, two or three other pairs of contacts of each key, the maximum number of pairs of contacts in any set being six, and means controlled upon operation of any multiplier key for effecting an operation of said commutator devices to complete a circuit through one of the pairs of contacts, the set of eight lines and the first named set of lines in accordance with the left hand partial products and a circuit through another of the pairs of contacts, the set of fourteen lines and the first named set of lines in accordance with the right hand partial products of the multiplier digit and the amount set on the multiplicand keys.

2,131,909
ALLOY
Stanton Umbreit, West Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, a corporation of Delaware
Application November 30, 1934, Serial No. 755,373
2 Claims. (Cl. 250—27.5)



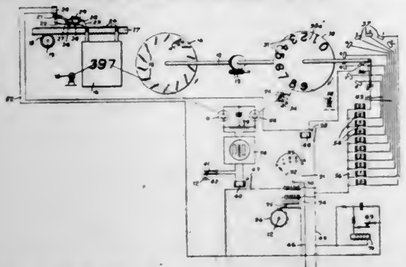
1. An indirectly heated cathode having a cathode sleeve, a heater within said sleeve including a core of insulating material, a heater wire of an alloy of tungsten and molybdenum mounted on said core and comprising substantially 80% molybdenum and 20% tungsten said core and wire having a coating of refractory insulating material.

2,131,910
HYDRAULIC TRANSMISSION
General G. Vernon and Andy J. Greenfield, Happy, Tex.
Application October 25, 1934, Serial No. 749,998
2 Claims. (Cl. 60—52)



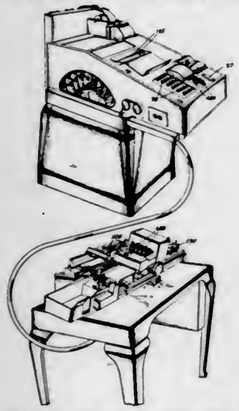
1. A valve mechanism including a casing provided with a plurality of ports therein, an oscillatory ported valve body movable to at least two positions to interconnect different of said ports in the valve casing, latch means adapted to lock said ported valve body at either of said two positions, and means for actuating said ported valve body and releasing said latch means comprising a pivoted lever connected to said ported valve body by springs which are alternately compressed by movements of said pivoted lever in different directions and which act to move the ported valve body to the other of said positions after said pivoted lever releases said latch means.

2,131,911
LIGHT SENSITIVE DEVICE
Waldemar Ayres, Binghamton, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application August 20, 1935, Serial No. 37,049
4 Claims. (Cl. 250—41.5)



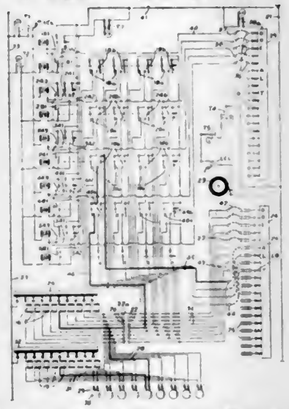
1. In a device of the class described, means for introducing separate records bearing characters to the device, a movable member having a series of different characters similar thereto, means for scanning said characters comprising means to scan fractional areas of the entire characters successively, a plurality of photo-electric devices for converting variations in the intensity of light from said characters as determined by the scanning action into varying electric currents, means controlled by said current variations each time the fractional areas of the characters scanned are similar, and means controlled by the last named means and operated only when all the successively scanned areas of the characters are similar.

2,131,912
CHECK SORTING MACHINE WITH CARD PUNCHING ATTACHMENT
Samuel Brand, Binghamton, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application February 25, 1937, Serial No. 127,640
21 Claims. (Cl. 164—113)



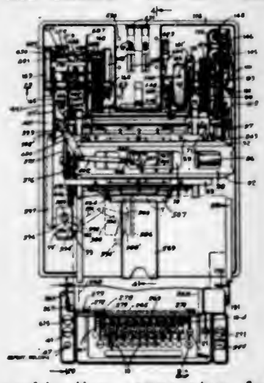
1. In a system of the class described, the combination with a key-controlled record sorting machine comprising check sorting compartments and means under control of keys for selecting said compartments and means for feeding checks to the selected compartments, of a punching machine comprising punching means and means for causing said punching means to punch cards to represent amounts represented by the records, and means including one of said keys for causing the automatic operation of said punching means for punching a card designating an amount represented by the record deposited by said feeding means in the compartment selected by said key.

2,131,913
PRINTING MECHANISM
James W. Bryce, Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application November 9, 1935, Serial No. 49,007
6 Claims. (Cl. 101—93)



1. In a printing mechanism of the class described, means for sensing a plurality of separate record card fields for perforations contained in a variable number of columns in each field, printing mechanism controlled by said sensing means for printing characters represented by said perforations and further means controlled by said sensing means for causing the characters printed from the separate fields to be printed with a definite predetermined space relationship between them.

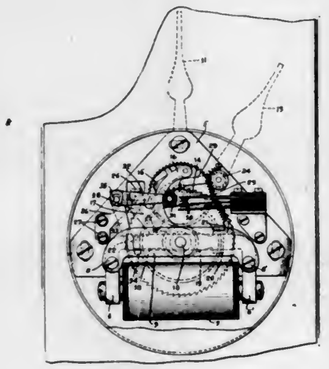
2,131,914
TYPEWRITER PUNCH
Fred M. Carroll and John H. Bakelaar, Binghamton, N. Y., assignors to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application May 16, 1936, Serial No. 80,044
124 Claims. (Cl. 164—113)



1. In combination, apparatus for punching

combinational hole perforations representing data into a record card, means to select the perforations to be punched including selecting circuits, switches in said circuits, a power drive for closing the switches, item keys, and means operable by depression of a single key to cause said power drive to close a plurality of switches and thereby to close the associated circuits for selecting a combination of perforations to be punched to represent the item corresponding to the depressed key.

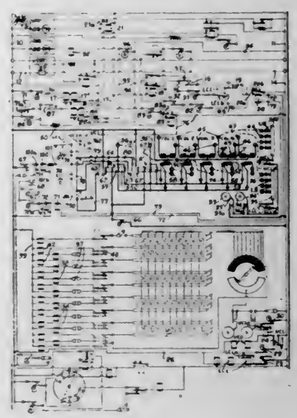
2,131,915
SECONDARY CLOCK
Bert Chapman, Endicott, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application May 28, 1936, Serial No. 82,221
2 Claims. (Cl. 58—26)



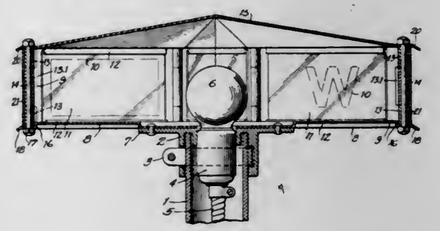
2. An electric clock mechanism including a ratchet wheel and a pawl for advancing said wheel, a pawl carrier for said pawl pivotally mounted on an axis common to said ratchet wheel, a driving magnet, an armature associated therewith disposed lengthwise of said magnet and oscillatable about said axis, said pawl carrier having a U-shaped extension integral therewith to releasably engage a portion of said armature whereby the oscillation of said armature will cause said pawl carrier to oscillate to advance said ratchet wheel.

2,131,916
AUTOMATIC CONTROL FOR TABULATING MACHINES
Gustav V. A. Malmros, Binghamton, and Victor O. Wilkerson, Vestal Gardens, N. Y., assignors to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application September 27, 1934, Serial No. 745,694
11 Claims. (Cl. 235—61.7)

1. In a machine in which cards bearing group designations are run through in groups; the combination of electrical means for comparing the designations of successive cards to detect a group change and including a transformer primary effectively energized upon the detection of a group change, a transformer secondary coupled to said primary and in which current is induced by effective energization of aforesaid primary, and a control device for the machine in series with said secondary and varied in operation by said secondary when current is induced therein upon a group change.



2,131,917
ILLUMINATED STREET SIGN
James Melio, Chicago, Ill.
Application February 17, 1938, Serial No. 190,944
4 Claims. (Cl. 40—133)

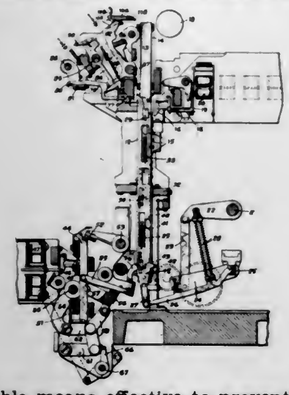


1. A device of the class described, comprising a hollow sign of substantially star shape in horizontal contour, comprising a plurality of side panels hinged together in end to end zig-zag relation, top and bottom closure plates having marginal portions engaging said side panels, and hinge pins securing said side panels and closure plates together.

2,131,918
PRINTING MECHANISM
Albert W. Mills, Endicott, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application July 7, 1936, Serial No. 89,277
8 Claims. (Cl. 101—93)

1. In a machine of the class described, a plurality of differentially positionable type carriers, record sensing means and means controlled thereby to cause positioning of said carriers, printing hammers, one for each carrier, means normally operative to trip said hammers, presettable means arranged to select one or more of said hammers

for suppression of operation thereof, and means controlled by said sensing means to render said



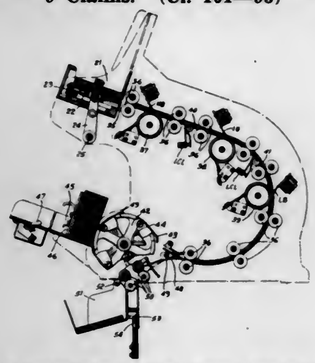
presettable means effective to prevent operation of said selected hammers.

2,131,919

RECORD CONTROLLED PRINTING MACHINE

Albert W. Mills, Endicott, Edward J. Rabenda, Binghamton, and Frank J. Furman, Vestal, N. Y., assignors to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application August 13, 1937, Serial No. 158,938
9 Claims. (Cl. 101—93)



1. In a machine of the class described, three record analyzing stations, means for feeding a record card past said stations in succession, said card having alphabetic data represented thereon in the form of combinational perforations, printing mechanism for printing upon a bill, means jointly controlled by the first two stations for causing said printing mechanism to print alphabetic data derived from one part of the card and means jointly controlled by the second and third stations for causing said printing mechanism to print alphabetic data derived from another part of the card.

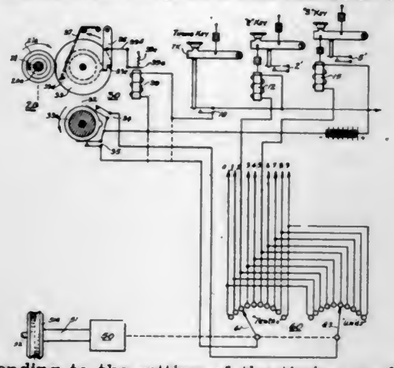
2,131,920

COMMUNICATION SYSTEM

Harry J. Nichols, Binghamton, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application May 12, 1937, Serial No. 142,093
9 Claims. (Cl. 178—2)

1. A system of the character described comprising, in combination, a sending and receiving station, each of which is provided with typewriting mechanism having printing instrumentalities and control keys therefor, a selectively settable timing mechanism at the sending station, means to control the operation of the control keys of the sending typewriter to print a time indication cor-



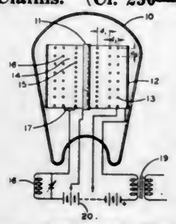
responding to the setting of the timing mechanism, means controlled by the keys of the sending typewriter upon operation thereof to transmit control signals, and means responsive to the signals to control the keys of the receiving typewriter to record the time indications corresponding to those recorded at the sending station.

2,131,921

ELECTRON DISCHARGE DEVICE

Otto H. Schade, West Caldwell, N. J., assignor, by mesne assignments, to Radio Corporation of America, a corporation of Delaware

Application March 25, 1938, Serial No. 197,977
5 Claims. (Cl. 250—27.5)



5. An electron discharge device including an envelope containing a cathode and an anode, and a plurality of electrodes between said cathode and anode and including a screen grid of comparatively wide pitch, and a control electrode between said cathode and screen grid and including a pair of spaced grid elements, the grid adjacent said cathode having a comparatively narrow pitch and the grid adjacent said screen grid having the same pitch as said screen grid with its turns in alignment with the turns of said screen grid, the spacing between said screen grid and said control electrode being not greater than the pitch of the grid element adjacent said screen grid, and the distance between the grid element adjacent the cathode and the grid element adjacent said screen grid being greater than the pitch of said screen grid.

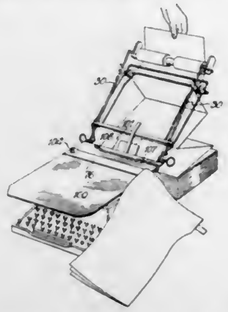
2,131,922

LOADING BOARD

William F. Simonson, Forest Hills, N. Y.

Application February 4, 1937, Serial No. 124,018
5 Claims. (Cl. 197—126)

4. A loading board comprising a supporting table of general rectangular form, said table having a notch in one of its side edges, means for detachably attaching said table to a type-



writing machine and a plurality of positioning pins projecting from the top face of the supporting table.

2,131,923

ELECTRON TUBE

Adolph A. Thomas, New York, N. Y., assignor to Radio Corporation of America, New York, N. Y., a corporation of Delaware

Application July 27, 1936, Serial No. 92,702
2 Claims. (Cl. 250—27.5)



1. A cylindrical shield for an electron tube having a cylindrical glass envelope containing electrodes, comprising a cylindrical sheet of metal mounted over said tube and supported thereby, said shield having longitudinal corrugations extending the full length of the shield which render the shield circumferentially resilient to engage the tube with a spring pressure contact for holding the shield firmly in place, each passage formed by the corrugations and the wall of the tube being open at its end to permit circulation of air through the passages.

2,131,924

ENDOSCOPIC TUBE AND OBTURATOR THEREFOR

Frederick Charles Wappler, New York, N. Y.

Application April 13, 1935, Serial No. 16,112
8 Claims. (Cl. 128—6)



1. In an instrument of the character described, an endoscopic tube having a lateral fenestra, an oblique abutment wall extending transversely across the tube at the forward end of the fenestra, an obturator having a substantially cylindrical head adapted to plug the forward portion of said tube, said head having an end wall adapted to abut against said oblique wall, a longitudinal venting channel in the rear surface of the obturator head, and a longitudinal concavity in one of said abutment walls defining a vent in communication with said channel when the obturator is in position.

2,131,925

PURIFICATION OF ORGANIC COMPOUNDS

Virgil Waldo Ware, Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application February 6, 1937, Serial No. 124,524
2 Claims. (Cl. 260—708)

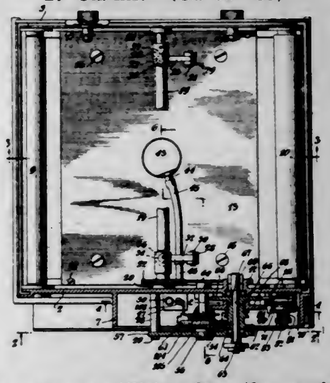
1. In the process for purifying colorless organic liquid solvents, plasticizers, and diluents for lacquers wherein the liquid is decolorized with activated carbon the improvement which comprises agitating the liquid with about 5% of its weight of powdered quick lime at a temperature of 80° C. to 90° C. for about two hours.

2,131,926

CAMERA MAGAZINE

Erwin C. Weiblen, Woodside, Long Island, and Irving W. Doyle, Amityville, N. Y., assignors to Fairchild Aerial Camera Corporation, Woodside, Long Island, N. Y., a corporation of New York

Application May 5, 1937, Serial No. 140,780
17 Claims. (Cl. 95—34)



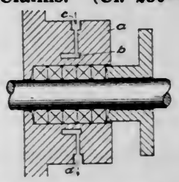
1. In a camera utilizing film, the combination of a relatively fixed frame, a pressure plate normally spaced therefrom, means for advancing the film between said frame and plate, means for moving said plate to press the film against said frame, and differential pressure means on said plate for holding the film against it.

2,131,927

STUFFING BOX FOR LIQUID PUMPS

Wilhelm Wenzel, Leuna, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

Application November 16, 1935, Serial No. 50,115
In Germany November 23, 1934
2 Claims. (Cl. 286—27)



2. A process of preventing the trickle liquid which flows between the stuffing box and the part of an apparatus operating on a readily vaporizable liquid in contact with said stuffing box from impairing the packing of said box which

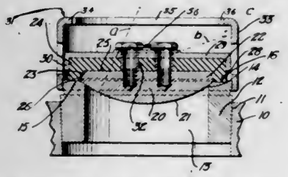
comprises supplying heat from outside the stuffing box to the zone of contact between said stuffing box and said apparatus part in an amount sufficient to cause vaporization of said trickle liquid.

2,131,928

SLUSH PUMP VALVE AND THE LIKE

Walter A. Abegg, Los Angeles, Calif., assignor of one-half to Baldwin Reinhold, Los Angeles, Calif.

Application September 30, 1935, Serial No. 42,857
1 Claim. (Cl. 251—127)



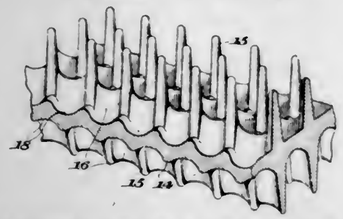
A valve structure comprising a valve seat having a flat annular face in a horizontal plane, a downwardly and inwardly spheroidal face circumscribed by said flat face, a valve element freely mounted for vertical movement with relation to said valve seat, said element comprising a disc having a spheroidal face on its under side, said spheroidal face being adapted to seat upon the spheroidal face of said valve seat, a non-metallic packing disc mounted upon the upper face of the valve member and having a circumferential flange extending around the periphery of the valve member, said flange being adapted to seat upon the flat face of said valve seat, a guide cap mounted above said non-metallic packing disc and being formed with an annular flange, the outer face of said annular flange being spheroidal, means securing said guide cap, packing disc and valve member in assembled relation, the two seat faces of the valve seat and the faces of the valve element bearing such relation to each other as to insure that the non-metallic portion shall contact the annular valve seat and be compressed thereagainst prior to contact of the metallic inclined faces of the valve and its seat, and means cooperating with the spheroidal flange to guide the valve vertically.

2,131,929

HEAT EXCHANGE SURFACE

Hermann Carl Amme, Dusseldorf, Germany

Application April 7, 1934, Serial No. 719,575
In Switzerland April 13, 1933
7 Claims. (Cl. 257—263)



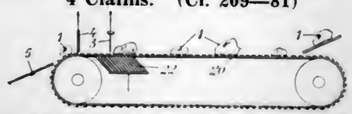
2. A heat transferring surface having ribs extending transversely to the direction of flow and arranged successively one behind the other, and spaced pins integral with the ribs at the point of juncture of the ribs with the surface and projecting beyond the outer edges of the ribs and between which the flow passes.

2,131,930

APPARATUS FOR SEPARATING MIXED MATERIALS HAVING DIFFERENT ELECTRICAL CONDUCTIVITIES

Kenelm Charles Appleyard, Birtley, and Stanley Dallas Pollitt, Newcastle-upon-Tyne, England, assignors of one-third to The Birtley Company Limited, Birtley, England

Application April 22, 1937, Serial No. 138,454
In Great Britain April 18, 1936
4 Claims. (Cl. 209—81)



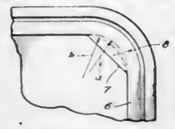
1. In apparatus for the separation of mixed materials according to the electrical conductivities of the pieces of material, a conveyor belt device having electrically conductive elements spaced therealong and extending from face to face through the thickness of the belt and upon which the pieces of material are adapted to be conveyed singly in series, a downwardly directed relatively fixed but resilient contact member, a pair of laterally disposed contact members spaced apart and arranged along the conveyor in a spaced relation with respect to the downwardly directed contact member, and means for making continuous electrical contact with an area of the underside of the conveyor belt device immediately beneath said downwardly directed contact member.

2,131,931

ANNEALING POT

Vernon G. Bates, Chicago, Ill., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del., a corporation of Delaware

Application January 9, 1937, Serial No. 119,801
1 Claim. (Cl. 263—49)



An annealing pot including corner portions each having a substantially horizontal ledge and said ledges providing seats on which another annealing pot may be stacked, each of said corner portions including an excess metal portion arranged on the inner side of the pot and extending throughout at least a substantial portion of the vertical height of the same, an arc defined by the inner surface of each of said excess metal portions lying radially inwardly of and relative to an arc formed by the junction of the inner surfaces of the adjacent intersecting side walls of the pot, each of said ledges including an inner surface having an upper edge extending as a chord relative to a circle including said arc and between the inner surfaces of said side walls, and the inner surface of each of said ledges being tapered downwardly and outwardly from its upper edge to its lower end.

2,131,932

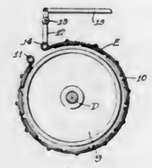
FRICTION ELEMENT

William A. Blume, Detroit, Mich., assignor to The American Brake Shoe and Foundry Company, a corporation of Delaware

Application March 4, 1937, Serial No. 128,971
15 Claims. (Cl. 188—259)

1. In a device which has a supporting member

movable toward and away from a member to be decelerated and which supporting member has an opening therein, the combination of a friction element including a composition body and a reenforcing back, said body and said back having aligned openings therein substantially midway between the ends of the element, the opening in the body being larger than the opening in the back, a securing member extended through the openings in the body, back and supporting mem-



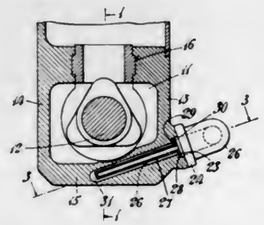
ber and including an enlarged head mounted in the opening in the body and engaged with the back, and means for preventing displacement of said securing member from said openings to thereby retain said element connected to said supporting member, the interconnection of the element and the supporting member and the element and the member being constructed and arranged to afford relative movement between the element and the supporting member.

2,131,933

FUEL INJECTION PUMP

Denis Tabor Brock and George Joseph Trapp, London, England, assignors to Automotive Products Company Limited, London, England

Application October 5, 1936, Serial No. 104,112
In Great Britain October 4, 1935
1 Claim. (Cl. 103—154)
(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)



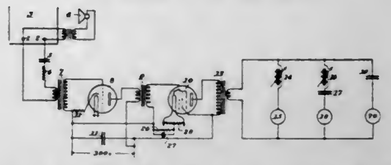
In a multi-cylinder fuel injection pump unit having plungers arranged in line and actuated from below by a horizontal cam shaft disposed within a cam shaft casing, a feed pump driven by the cam shaft, a hollow wall which forms the bottom of the cam shaft casing, the space within said wall serving as a filter-chamber and being formed with an elongated opening to the exterior, said opening extending along the pump body parallel with the cam shaft, an elongated cover closing said opening, a hollow filter element which is elongated and flat in shape disposed within said filter chamber with its mouth portion in register with the elongated opening and with its general plane inclined to the horizontal in order to facilitate the removal of said filter element, a passage for liquid fuel leading through said cover into the interior of the filter element, and a passage from the filter chamber to the usual inlet ports of the feed pump.

2,131,934

VISUAL INTERPRETATION OF ELECTRICAL CURRENTS

Robert D. Burchfield, Pittsburgh, Pa.

Application March 9, 1936, Serial No. 67,975
6 Claims. (Cl. 84—464)



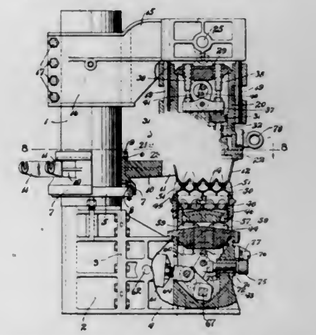
1. In a system for visually interpreting sound wave representing audio frequency currents, apparatus for supplying sound wave audio frequency currents of a plurality of frequency ranges, a plurality of lights connected to said apparatus for indicating sound variations of the currents of each of the plurality of ranges, a conical light reflector housing having its large end open and its small end closed, said lights being mounted to extend from the small end of the inner portion of said conical housing, a translucent screen of flashed opal glass mounted over the open end of said housing, and a rotatable light modifier mounted to extend inwardly of said housing for varying the form of the light projected by said lights on said screen.

2,131,935

MOLDING MACHINE

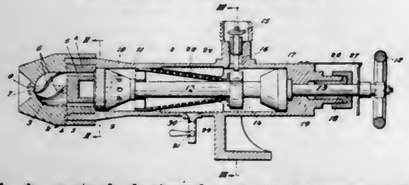
Donald J. Campbell, Muskegon Heights, Mich.

Application December 3, 1934, Serial No. 755,688,
Renewed October 7, 1936
17 Claims. (Cl. 22—25)



1. In molding apparatus, a vertical hollow support over the upper end of which a flask is placed in inverted position, a horizontal match plate with pattern thereon at its upper side mounted for vertical movements within said support, a plunger carrying said match plate, means for raising and lowering the plunger, adjustable stop means for limiting the upward movement of the plunger whereby the match plate may be moved upwardly to a predetermined position, means for forcing sand through the upper side of the inverted flask into said flask and against the match plate and pattern, and means for operating said adjustable stop whereby the match plate and pattern may be moved upwardly a short predetermined distance after the sand has been forced therein, said match plate and pattern being withdrawable from the sand mold held in the flask upon downward withdrawal of said plunger.

2,131,936
CONTROL DEVICE FOR ATOMIZER NOZZLES, BURNER HEADS, AND THE LIKE
Pietro Del Genovese, Pisa, Italy
Application June 30, 1936, Serial No. 88,226
In Italy April 7, 1936
5 Claims. (Cl. 299—118)



1. A control device for a fuel burner nozzle comprising a rotary valve having a plurality of discharge openings, said valve being rotatable to selectively open different numbers of said openings for controlling the flow of fuel to the nozzle, a rotatable shaft for operating said valve, a second valve having a stem controlling the flow of fuel to said rotary valve and cam means upon said rotatable shaft acting on said stem for operating said second valve in synchronism with said first mentioned valve to open said second valve more or less respectively as a greater or less number of openings in said rotary valve are opened to thereby correlate the fuel supplied by said second valve to the fuel discharged by said rotary valve.

2,131,937
INSULATING COVER
Robert Dewar and William T. Sanford, Hoosick Falls, N. Y.
Application May 17, 1934, Serial No. 726,060
3 Claims. (Cl. 123—148)

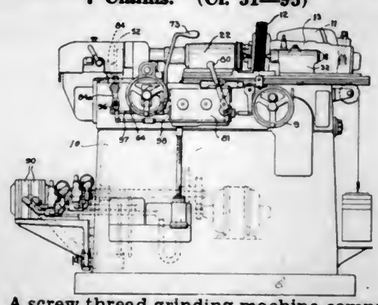


1. In combination, an insulating cover comprising a cup-shaped member having a housing member extending outwardly therefrom, and a spark intensifying device positioned in said housing member, said device comprising a tubular member closed at one end to form a contacting face and open at the other end to receive a conductor.

2,131,938
PROCESS FOR THE REFINING OF NAPHTHENIC ACIDS
Hendrik Jan Donker, Emmastad, Curacao, Dutch West Indies, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application July 12, 1937, Serial No. 153,295. In France August 10, 1936
10 Claims. (Cl. 260—514)

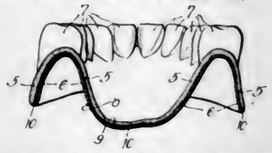
1. In the process of purifying naphthenic acids containing impurities commonly associated therewith, the steps comprising adding to an aqueous alkaline reacting solution of an alkali metal salt of said naphthenic acids such an amount of a water soluble salt of a metal the naphthenate of which is substantially insoluble in water, as to produce a solvent phase which is slightly but distinctly alkaline reacting, and to effect precipitation of a minor portion only of the dissolved naphthenates, whereby a precipitate is formed which contains a substantial portion of said impurities, and separating the solvent phase from the precipitate phase.

2,131,939
PRODUCTION TAP GRINDER
Alden M. Drake and Norman J. Crowey, West Hartford, Conn., assignors to Niles-Bement-Pond Company, Hartford, Conn., a corporation of New Jersey
Application August 1, 1936, Serial No. 93,856
7 Claims. (Cl. 51—95)



2. A screw thread grinding machine comprising in combination, a base, an oscillatory support thereon, a work supporting table mounted for reciprocation on said support, a work rotating spindle in said table, a threaded leader on said spindle, a nut on said table engaging said leader, a wheel head on said base adjustable toward and from said work table, an abrasive wheel mounted in said head, hydraulic means to simultaneously rotate said leader and spindle and reciprocate said table to advance a work piece on said spindle past the wheel, hydraulic means to oscillate said support in one direction, and means controlled by the hydraulic means for rotating said spindle to effect rotation and reciprocation of said spindle and oscillation of said support in predetermined timed relations to each other.

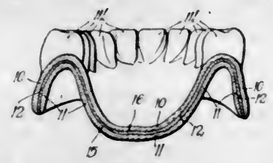
2,131,940
DENTURE
Reiner W. Erdle, Chicago, Ill., assignor to Dental Research Corporation, a corporation of Illinois
Application January 20, 1936, Serial No. 59,817
5 Claims. (Cl. 32—2)



3. As a new article of manufacture, a dental plate comprising a layer of porcelain, a layer of metal covering and joined to one side of said porcelain layer, and an additional substance comprising a cement formed from a condensation product joining said porcelain and metal layers and characterized in that it absorbs stresses due to differences in coefficients of expansion between said porcelain and metal layers.

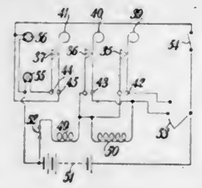
2,131,941
DENTURE
Reiner W. Erdle, Chicago, Ill., assignor to Dental Research Corporation, a corporation of Illinois
Application January 20, 1936, Serial No. 59,818
6 Claims. (Cl. 32—2)

3. As a new article of manufacture, a dental plate comprising two layers of porcelain and a preformed layer of binding material interposed between said layers of porcelain, said layer of



binding material securing the layers of porcelain together and effective to hold the plate together in the event of fracture of the porcelain layers.

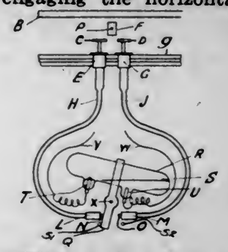
2,131,942
ELECTROMAGNETIC SWITCHING SYSTEM
Charles James Evans and Stanley Charles Evans, Lowestoft, England
Application January 2, 1936, Serial No. 57,275
In Great Britain January 2, 1935
7 Claims. (Cl. 175—375)



1. An electro-magnetic switching system comprising a baseplate, a solenoid rigidly supported thereon, a core slidably engaged in the solenoid, a displaceable member rigidly connected with the core and adapted as a consequence of the slidable movement thereof to be moved into a plurality of positions, a control switch having a movable contact and a plurality of fixed contacts corresponding in number with the said number of positions, means adapted upon movement of the movable contact of said control switch into engagement with any one of the fixed contacts to cause the solenoid to be energized at a relatively high rate of current consumption whereby the core is caused to move the displaceable member into one of the said positions, stops adapted to retain the core in any one of the positions into which it may be moved as long as the movable contact of the said control switch is maintained in engagement with the corresponding fixed contact, and switching means secured to the base plate adapted as the core approaches any one of the said positions to be actuated by the displaceable member to reduce the current consumption of the solenoid.

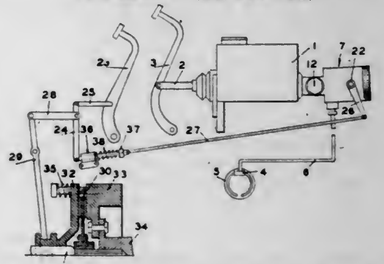
2,131,943
CONTROL DEVICE
Charles Augustus Francis Fennell, Letchworth, England, assignor to Charles Edwin Foster, Letchworth, England
Application August 14, 1935, Serial No. 36,195
In Great Britain August 17, 1934
10 Claims. (Cl. 74—1)

1. Mechanism for transmitting motion comprising an axially movable flexible member along which the motion is transmitted, a flexible casing having fixed ends and containing the axially movable member, a vertically movable platform adapted to have its motion transmitted to the end of the flexible member, a horizontally moving finger movable transversely of the platform, a vertically reciprocated continuously moving horizontal rod engaging the horizontally movable



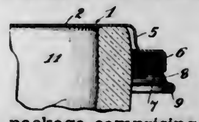
finger, transmitting motion from the platform to the axially movable flexible member.

2,131,944
CLUTCH AND BRAKE CONTROL MECHANISM
Walter R. Freeman, University City, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a corporation of Delaware
Application May 6, 1937, Serial No. 141,017
17 Claims. (Cl. 192—13)



1. In a motor vehicle provided with clutch mechanism comprising a shiftable element and means tending to maintain said element in clutch-engaged position and with braking mechanism and means operable to hold the brakes in applied position, a control element for the brake holding means, a control element for the clutch, an operator-operated part, and actuating means for transmitting force from said part to the control element of the clutch, said means comprising relatively movable parts one of which is connected to actuate the control element of the brake holding means.

2,131,945
CAP AND SEALED PACKAGE
John C. Gibbs, Brooklyn, N. Y., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y., a corporation of New York
Application June 24, 1932, Serial No. 619,029
5 Claims. (Cl. 215—40)



2. A sealed package comprising the combination of a container, a closure cap having a cover portion and a depending skirt, a gasket in the skirt of said cap, a portion of said skirt extending radially inwardly to support the gasket, and being spaced from and out of contact with the side wall of said container, said gasket being compressed by said inwardly extending portion, and

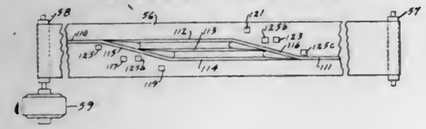
a portion of said skirt adjacent said inwardly extending portion and at the bottom of said skirt extending downwardly and outwardly from said inwardly extending portion to move said inwardly extending portion and release compression of the gasket when said downwardly and outwardly extending portion is moved outwardly and upwardly with respect to the cover portion of the cap.

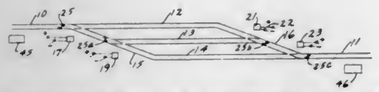
2,131,946

CENTRALIZED MECHANISM FOR AUTOMATICALLY INDICATING THE POSITION, IDENTITY, AND MOVEMENT OF RAILWAY CARS IN THE SWITCHING YARD

Leon M. Gibbs, Birmingham, Ala., assignor to Teleswitch Corporation, a corporation of Alabama

Application July 30, 1932, Serial No. 626,294
20 Claims. (Cl. 104—26)





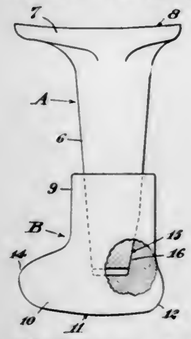
1. Improved method of indicating the position and identity of railway vehicles in switching yards, which consists in providing a dummy yard track arrangement corresponding to that of the main switch yard, sweeping dummies back and forth periodically over tracks of said dummy yard independently of any corresponding movement of the railway vehicles which they respectively represent, and controlling the distribution of dummies in their yard tracks responsive to and in correspondence with the distribution of their corresponding control vehicles in the main switch yard tracks.

2,131,947

SHEEP FOOT TAMPER

Gordon M. Gilmore, Los Angeles, Calif., assignor to Los Angeles Steel Casting Company, Ltd., Los Angeles, Calif., a corporation of California

Application November 26, 1935, Serial No. 51,612
5 Claims. (Cl. 94—48)



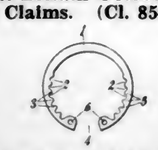
1. In a sheep foot tamper, a ductile metallic shank formed with a base suitable for welding onto a cylindrical metallic roller, and a tamping foot formed with a collar having detachable telescopic wedge engagement with the outer end of said shank, and means embodied in the telescoped interconnection of said shank and foot for aligning the foot on the shank.

2,131,948

SPRING RING OR CIRCLET

Eric Bradley Graham, Friern Park, North Finchley, London, England, assignor to Specialloid Limited, London, England

Application October 8, 1937, Serial No. 168,108
In Great Britain October 30, 1936
2 Claims. (Cl. 85—8)



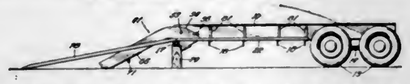
1. A spring ring adapted for use as means for securing gudgeon pins and the like against axial displacement in the form of a substantially annular member provided with a gap extending in a generally radial direction from its outer to its inner periphery and means on either side of the gap for engagement by a tool in effecting reduction in its effective diameter in order to engage it in position, the internal peripheral surface of the ring having a plurality of spaced recesses adjacent to the gap, the portion of the internal periphery of the ring remote from the gap presenting a continuous arcuate surface.

2,131,949

MACHINERY CARRYING TRAILER

Charles F. Helmig, Pekin, Ill.

Application November 26, 1937, Serial No. 176,407
16 Claims. (Cl. 214—85)



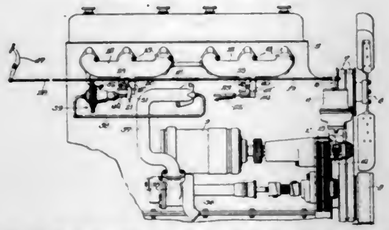
1. A trailer comprising a frame, runways supported by said frame, a hitching structure normally positioned above the plane of said runways, and means for relatively moving said hitching structure and said frame whereby said hitching structure may be moved to an inoperative position below the plane of said runways.

2,131,950

FUEL FEEDING SYSTEM FOR INTERNAL COMBUSTION ENGINES

Carl F. High, Flint, Mich.

Application November 11, 1936, Serial No. 110,349
24 Claims. (Cl. 123—103)



1. In a fuel feeding system for an internal combustion engine, a throttle biased to closed position, manual means for opening the throttle, and

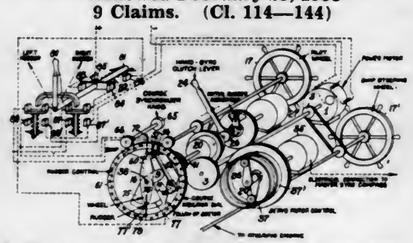
governor means for controlling the last portion of the closing movement of said throttle upon release of said manual means, said governor means being responsive to the speed of the engine with which the system is associated and causing said throttle to close progressively with but in advance of deceleration of the engine.

2,131,951

AUTOMATIC STEERING DEVICE FOR SHIPS

Frederick S. Hodgman, Glen Rock, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York

Application September 19, 1934, Serial No. 744,628
Renewed February 25, 1938
9 Claims. (Cl. 114—144)



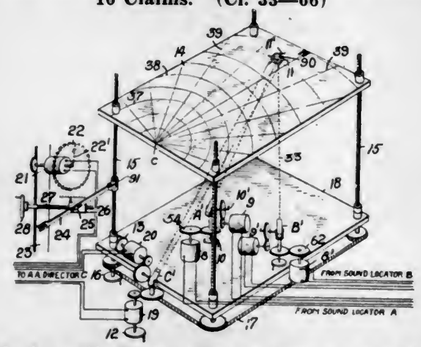
1. In an automatic electric steering gear for ships, a compass governed follow-up controller, means for setting in any desired change in course, a non-follow-up or off and on controller, and a switch on the latter and operable thereby for transferring the rudder control motor from the former to the latter controller for limiting the rudder throw.

2,131,952

NOCTURNAL ANTIAIRCRAFT FIRE CONTROL SYSTEM

Frank R. House, Baldwin Harbor, N. Y., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York

Application July 30, 1935, Serial No. 33,803
16 Claims. (Cl. 33—66)



1. An optical computing instrument for nocturnal anti-aircraft fire control systems employing a pair of spaced sound locators, an anti-aircraft director and sights, comprising a pair of miniature beam projectors spaced to scale, means for turning each of said projectors about two axes from said sound locators, respectively, a screen above said projectors, means for adjusting the height thereof so that said beams are coincident on said screen, a third beam projector spaced relative to said projectors proportionally to the position of the director sights with respect to said sound locators, means for adjusting said last named projector about two axes, and means for feeding the angular movements of the same into said director as the projections from said three projectors are maintained coincident on said screen.

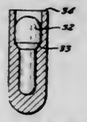
12. In an anti-aircraft fire control system, a miniature beam projector rotatably mounted in azimuth and elevation planes, means for positioning the same in both said planes from a target observing device such as a sound locator or sight, a screen above said projector, a settable scale adapted to be positioned on said screen along the path of the moving spot to show the target's course and speed, and means for adjusting the height of said screen so that the indicated speed equals the estimated speed, whereby the target's height and range are indicated.

2,131,953

METHOD OF MAKING VALVES

Robert Jardine, Detroit, Mich., assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio, a corporation of Ohio

Application October 14, 1931, Serial No. 568,771
2 Claims. (Cl. 29—156.7)



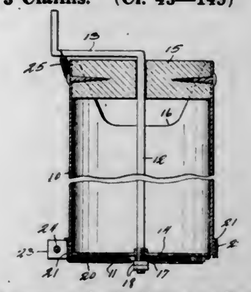
1. The method of making a valve of the class described comprising forming a chambered piece of steel, with continuous sides, rounded and imperforate at one end and open at the other end, providing a counterbored passage of larger diameter at the open end than at the closed end and with tapering sides joining the passages of different diameter, making a metal core which is larger in cross-sectional area at one end than at the other and fitting the same within the chamber of the steel piece, increasing the diameter of the composite steel piece and core at the end thereof in which the core is of larger cross-sectional area to increase the diameter of the steel and the core and provide a mushroom shaped core encased in steel at the head end of the valve, and elongating the other end into a valve stem in which the core is enclosed by the steel throughout its length.

2,131,954

PLANT DUSTER

Velmer Harrison Jockisch, Greensboro, Ala.

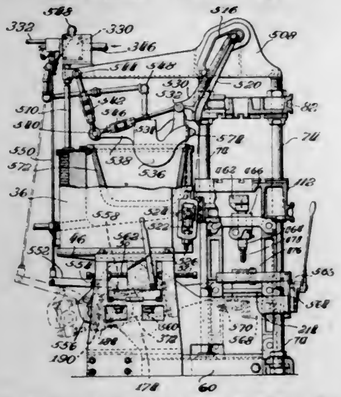
Application February 4, 1937, Serial No. 124,117
3 Claims. (Cl. 43—145)



1. A plant duster, including a cylindrical container having a uniform diameter throughout its length and having a perforated bottom, a shaft extending longitudinally through the container

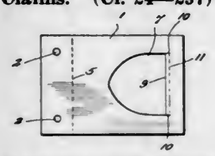
and through the bottom, a perforated disk carried by the lower end of the shaft and disposed adjacent the bottom, a bearing member extending across the upper end of the container and through which the shaft passes, the shaft having a handle whereby it may be rotated, a shield angular in cross-section and having a portion extending upward around the lower end of the container wall, an annular portion extending around the margin of the perforated bottom, a split band extending around the upwardly extending portion of said shield, and a bolt passing through the split portion of the band and adapted to hold it clamped upon the lower end of the container.

2,131,955
DIE CASTING MACHINE
Roy F. Johnson, Oak Park, Ill., assignor to The Imperial Die Casting Company, Chicago, Ill., a corporation of Illinois
Application November 21, 1935, Serial No. 50,914
22 Claims. (Cl. 22—69)



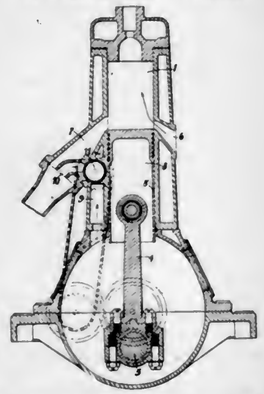
14. In a die casting machine having die carrying means, a gooseneck for supplying metal to said die, and a pipe through which air is supplied to said gooseneck, a fitting interposed between said pipe and said gooseneck, said fitting including a reduced lower end adapted to extend in spaced relation into a straight bore in said gooseneck, said reduced lower end having diagonal passages establishing communication between the interior of said gooseneck and said pipe, and an annular internal rib in said bore protecting said diagonal passages against splashing metal.

2,131,956
BROOM HOLDER
William Wynne Jones, Miami, Fla.
Application July 24, 1937, Serial No. 155,546
2 Claims. (Cl. 24—257)



1. A device of the character described comprising a body formed of resilient metal and being bent in spaced relation to one end to form an attaching portion adapted to be secured flat against a support and mount the body in position to extend outwardly at a downward incline from the support, the body being formed near its outer free end portion with an opening tapered towards its inner end, the side edges of the opening being extended towards the outer end of the body to form slits, and the material between the slits constituting a gripping lip bent to extend downwardly at a rearward incline into position to have gripping engagement with an implement handle when the implement handle is passed upwardly through the opening and the body flexed downwardly by weight of the implement.

2,131,957
CHARGING AND SCAVENGING OF THE CYLINDERS OF TWO-STROKE INTERNAL COMBUSTION ENGINES
Michel Kadenacy, Paris, France
Application October 25, 1935, Serial No. 46,804
In Great Britain November 3, 1934
10 Claims. (Cl. 123—65)

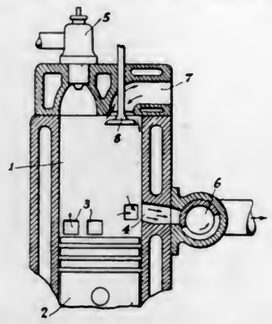


4. In a two-stroke cycle internal combustion engine of the kind described, the combination with a cylinder having an exhaust port, and an exhaust duct leading from said exhaust port, of an orifice on said duct intermediate its length, a tubular element within said exhaust duct communicating with said orifice and extending in the direction of exhaust, a source of compressed gaseous fluid, distribution means connecting said source of fluid to said orifice and tubular element, and means for controlling said distribution means for introducing a working charge of gaseous fluid into the exhaust duct in the direction of exhaust commencing at or about bottom dead centre and terminating not later than the closure of the exhaust port of the engine.

2,131,958
TWO-STROKE CYCLE INTERNAL COMBUSTION ENGINE
Michel Kadenacy, Paris, France
Application June 2, 1936, Serial No. 83,120
In Great Britain July 3, 1935
8 Claims. (Cl. 123—65)

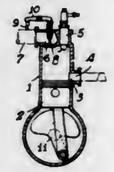
3. In a two-stroke cycle internal combustion engine of the kind described, a cylinder, a piston, an inlet port at one end of the cylinder, and communicating to atmosphere, an exhaust system, an exhaust port leading to the exhaust system, an additional outlet orifice situated at the opposite end of the cylinder to the inlet port, means for closing the exhaust port before the return of the burnt gases to the cylinder, means for subsequently closing the inlet port, means for

opening the additional outlet orifice about the time of closure of exhaust and for closing the said orifice about the time of closure of inlet, and



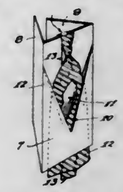
means for supplying a supplementary compressed charge to the cylinder from a little before the closure of the additional outlet until a little after the closure of the atmospheric inlet.

2,131,959
TIMING OF THE INLET AND EXHAUST ORIFICES OF TWO-STROKE INTERNAL COMBUSTION ENGINES
Michel Kadenacy, Paris, France, assignor of one-half to Armstrong Whitworth Securities Company, Limited, London, England
Application June 8, 1936, Serial No. 84,184
In Great Britain January 11, 1936
3 Claims. (Cl. 123—65)



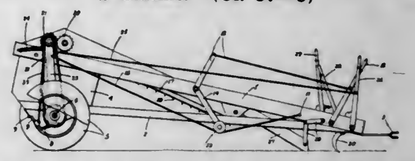
1. Method of controlling two stroke cycle internal combustion engines, which comprises establishing communication between the cylinder and exhaust system during the firing stroke, providing for the issuance of the burnt gases from the cylinder substantially as a mass in an interval of time shorter than that which would be required for the burnt gases to expand down to the ambient pressure by adiabatic flow, whereby the mass of gases moves outward and thereafter returns from a point which may be within the exhaust system, providing a permanent free passage for the burnt gases to the limit of outward travel of said burnt gases, providing for the said issuance of the burnt gases to occupy a substantially constant crank angle over a chosen range of engine speeds, preventing the entrance of fresh charging air until the said issuance of the burnt gases is in full progress, admitting fresh charging air into the cylinder when the said issuance of the burnt gases is in full progress and causes a suction effect to be exerted in the cylinder, while the exhaust port is still open, and providing for the said fresh charge to occupy the cylinder and a portion of the exhaust system in the interval elapsing between the said exit of the burnt gases and the instant when the pressure of the returning gases becomes effective within the cylinder.

2,131,960
DISPLAY DEVICE
Joseph W. Less, Clinton, Iowa
Application July 6, 1936, Serial No. 89,226
2 Claims. (Cl. 206—78)



1. A display device for a formed or made up tie of the "four-in-hand" type including a panel member for receiving the tie, said member being severed by two converging slits meeting each other at an acute angle creating a tongue and an opening, the tail or body of the tie lying between the tongue and the part having such opening, the knot portion of said tie lying on a portion of the panel member lying distant from the meeting point of said slits, and said slits diverging from the portion of the member carrying said tail or body of the tie toward that portion of the member upon which said knot portion lies, the knot portion and the tie portion lying at the tongue and opening being wholly exposed to view.

2,131,961
CARRIER SCRAPER
Edd McAlpin, Lathrop, Calif.
Application January 30, 1937, Serial No. 123,186
2 Claims. (Cl. 37—8)

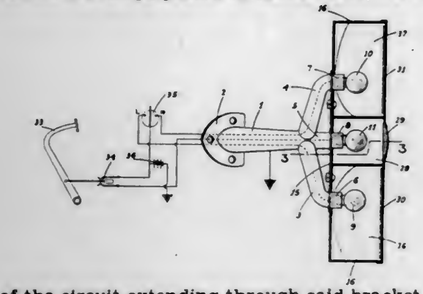


1. A scraper comprising a frame, wheels supporting the frame, a dirt carrying body mounted on the frame, a scraping blade mounted on the frame ahead of the body, an endless conveyor mounted on the frame to receive dirt as scraped up by the blade and deliver the same to the body, rotary members on which the conveyor is mounted, a gear fixed with the rear member, another gear to mesh with said first gear, an arm on which said other gear is supported swingably mounted concentric with one of the wheels, means to drive said other gear from the wheel in the same direction, the axes of the gears lying in a line substantially at right angles to the arm, and means acting on the arm to swing the same to place the gear thereon into or out of mesh with the first named gear.

2,131,962
COMBINATION LICENSE PLATE AND DIRECTION SIGNAL FOR MOTOR VEHICLES
Edd McAlpin, Lathrop, Calif.
Application October 3, 1936, Serial No. 103,876
4 Claims. (Cl. 177—329)

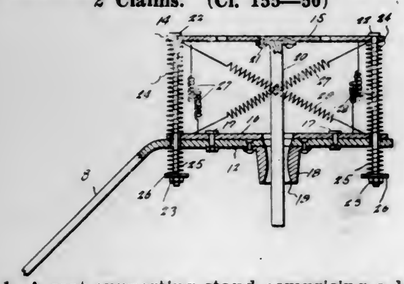
1. A device of the character described comprising a rigid hollow bracket, a plurality of rigid hollow branches to the bracket each terminating into a socket for an electric lamp, a housing mounted rigid with the branches and divided into compartments, each compartment embracing one

of the lamp sockets, and an electrical control circuit for lamps placed in said sockets, the wires



of the circuit extending through said bracket and branches.

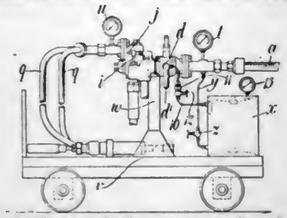
2,131,963
DRIVER'S SEAT FOR FARM MACHINERY
Gail Mendell, Lakeview, Oreg.
Application November 9, 1937, Serial No. 173,668
2 Claims. (Cl. 155—50)



1. A seat supporting stand comprising a lower member having a large central hole therein and a plurality of holes adjacent its edges, a collar attached to the central portion of the under face of said member and having a bore gradually increasing in diameter from its center to both ends with the upper end of the bore in register with the large central hole in the member, an upper plate, a rod having its upper end connected with the central portion of the plate and said rod passing through the large central hole in the bottom member and through the bore of the collar, said rod being of much smaller diameter than the smallest part of the bore, rods carried by the plate and passing through the holes adjacent the edges of the bottom member, said holes being of much larger diameter than the diameter of the rods, springs on the rods located between the plate and the bottom member, other springs on the lower ends of the rods having their upper ends engaging the bottom face of the bottom member, means on the lower ends of the rods engaged by the lower ends of said other springs.

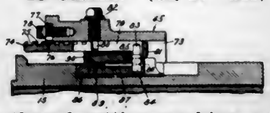
2,131,964
WASHING APPARATUS FOR LOCOMOTIVES AND THE LIKE
Richard David Metcalfe and James Croxon Metcalfe, Romiley, England
Application November 30, 1935, Serial No. 52,429
In Great Britain May 27, 1935
4 Claims. (Cl. 299—84)

2. A portable washing apparatus for locomotives and the like adapted to be mounted on a truck, a steam injector, flexible pipes for leading steam and water to said injector, an automatically loaded overflow valve for said injector and at least one flexible pipe leading from the delivery side of said injector and furnished with a spray nozzle at the end thereof furthest from said injector,



together with a relief valve at the delivery side of said injector arranged to discharge water coming from said injector when the pressure of said water exceeds a predetermined value.

2,131,965
THREAD FORMING MECHANISM
Frederic Nell, Waynesboro, Pa., assignor to Landis Machine Company, Waynesboro, Pa., a corporation of Pennsylvania
Application June 16, 1936, Serial No. 85,563
18 Claims. (Cl. 10—145)



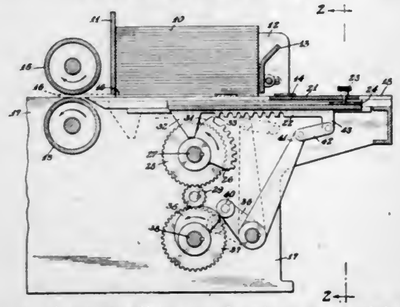
4. In a thread-cutting machine, a body structure carrying slidable chasers, a shiftable device arranged axially of said body structure to control said chasers, an external member mounted on said body structure for longitudinal sliding movement and operatively connected to said shiftable device, a fixed rearwardly opening cylinder provided longitudinally of said body structure and containing a piston, a device detachably secured to said external member for longitudinal adjustment and designed to engage said piston after predetermined forward movement of said external member, whereby the piston and cylinder determine the maximum extent of continued forward movement, and means associated with said piston and cylinder to produce a cushioning action during said continued forward movement.

2,131,966
GOLF CLUB
Arthur W. Nelson, Park Ridge, Ill.
Application May 15, 1936, Serial No. 79,831
2 Claims. (Cl. 273—81)



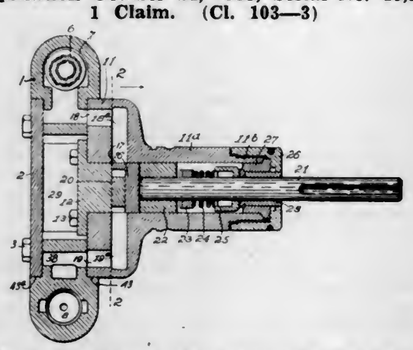
1. A golf club handle having a gripping portion, of a length adapted to accommodate the two hands of the player, said gripping portion having a point of larger cross-section intermediate its handle, the upper portion of the grip tapering toward the top of the club so as to have its smallest cross-section adjacent the top of the club and the lower portion of the grip tapering toward the head end of the club said upper portion being of such cross sectional size that it may be substantially enveloped by the little, ring and middle fingers.

2,131,967
SHEET FEEDING MECHANISM
Anthony F. Peropat, Brooklyn, N. Y., assignor to S. & S. Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y., a corporation of New York
Application November 16, 1937, Serial No. 174,836
8 Claims. (Cl. 271—44)



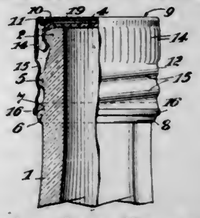
1. A sheet feeding mechanism comprising a hopper for carrying a stack of sheets and means for feeding a sheet of said stack at a substantially continuous rate including a kicker bar for coacting with an edge of said sheet, a rack member securable to said kicker bar, and means for motivating said rack member at a continuous rate in the feeding direction comprising a completely rotated segment gear having teeth cyclically coacting with said rack and a surface portion for initially motivating said rack member in the feeding direction before said teeth coact, said gear being disengaged from said rack during the return portion of the cycle.

2,131,968
REVERSIBLY ASSOCIATED ROTARY PUMP AND VALVE DEVICE
Peter C. Petersen, Cedar Falls, Iowa, assignor to Viking Pump Company, Cedar Falls, Iowa, a corporation of Delaware
Application October 24, 1935, Serial No. 46,536
1 Claim. (Cl. 103—3)



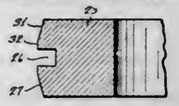
In combination, a rotary pump chamber having a widened end face with inlet and outlet channels leading respectively into and out of the rotor chamber by way of said end face, a delivery head for the pump chamber having in opposite faces like shaped recessed seats which fit and seat said widened end face thereof, the delivery head having therein only inlet and outlet channels leading to and from the inlet and outlet channels of the rotor chamber, an imperforate closure shaped to fit either seat of the delivery head when the latter is reversed in position to reverse the positions of the inlet and outlet channels of the head, and means for securing both the delivery head and said closure when assembled to the pump chamber.

2,131,969
SEALED PACKAGE
Abraham Podel, New York, N. Y., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y., a corporation of New York
Application July 30, 1932, Serial No. 626,838
5 Claims. (Cl. 215—43)



2. In a sealed package, the combination of a container having cap engaging means thereon, a substantially cylindrical bead below said means, a member sealed upon the mouth of said container to provide a substantially hermetic seal, a closure cap having means in the skirt thereof for engaging said means upon said container, and a flat wire bead at the lower edge of the skirt for engaging said cylindrical bead on the container before and after said sealed member is removed from the mouth of the container.

2,131,970
PISTON RING CONSTRUCTION
Frederick Ritz, Hamilton, Ohio, assignor to Fairbanks, Morse & Co., Chicago, Ill., a corporation of Illinois
Application March 9, 1936, Serial No. 67,878
3 Claims. (Cl. 309—45)

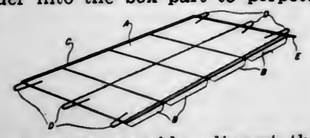


1. A one-piece piston ring of split type having a circumferentially extending groove formed centrally of its wearing face, the groove being closed on its sides and bottom and at its ends adjacent the split portion of the ring, the upper and lower marginal edges of the ring being bevelled from points adjacent the groove, in a direction rearwardly of the wearing face, to provide well defined lubricant scraper edges adjacent the groove, adapted for collecting and delivering lubricant to said groove throughout movement of said piston.

2,131,971
BOX MAKING MACHINE
Alfred L. Rosenmund, Rockaway, N. J., assignor to Stapling Machines Co., a corporation of Delaware
Application March 27, 1937, Serial No. 133,294
8 Claims. (Cl. 140—93)

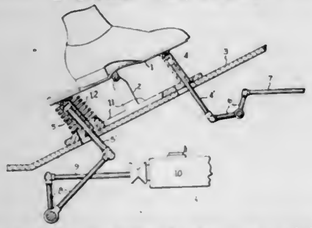
1. In a machine of the character described, instrumentalities operable upon a flexible binder

secured to a box part having a flap portion to form a bight in the binder and drive the end of the binder into the box part to perpetuate the



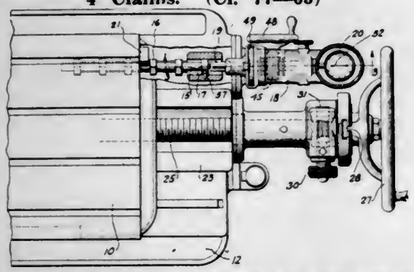
bight, and means operable adjacent the bight-forming instrumentalities for bending down the flap portion of the box part.

2,131,972
BRAKE AND ACCELERATOR CONTROL
John W. Ruhstorfer, Detroit, Mich.
Application September 21, 1936, Serial No. 101,748
1 Claim. (Cl. 192—3)



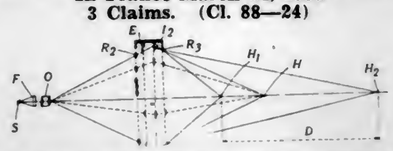
A vehicle control mechanism, comprising a fulcrum member, a foot pedal mounted at its mid portion on the fulcrum member, an accelerator actuator downwardly extending from one end portion of the foot pedal, and a brake actuator downwardly extending from the other end portion of the pedal, each of said actuators being extensible to afford a lost motion upward of the corresponding end of the pedal, as the other end of the pedal is taking effect on the other actuator, a spring encircling one of such actuators, a supporting plate carrying said fulcrum member, and formed with apertures through which said actuators extend, and a boss integral with the plate, and surrounding one of the apertures, for properly positioning and seating the lower portion of said spring.

2,131,973
WORK POSITIONING MEANS
John M. Rusnak and George H. Hochmuth, West Hartford, Conn., assignors, by mesne assignments, to Niles-Bement-Pond Company, New York, N. Y., a corporation of New Jersey
Application April 8, 1936, Serial No. 73,334
4 Claims. (Cl. 77—63)



1. A table positioning device for machine tools comprising in combination, a support, a table movable horizontally thereon, a bar slidably mounted for limited movement in said support in a direction parallel to the direction of movement of said table, indicating means on said support to determine the axial position of said bar thereon, spaced projections on said bar, and a fixed abutment on said table, said bar being oscillatable about its axis to angularly different positions to engage a projection with said abutment and to permit said abutment to pass said projections when said table is moved on said support.

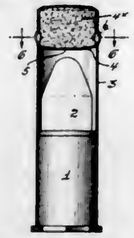
2,131,974
SCREEN FOR THE PRODUCTION OF STEREOSCOPIC IMAGES
Anne Henri Jacques de Lassus Saint Genies, Versailles, France
Application March 22, 1935, Serial No. 12,511
In France March 24, 1934
3 Claims. (Cl. 88—24)



1. A transparent screen system for use in association with an optical projecting device for producing a picture in relief of a three-dimensional primary subject which system comprises at least three lenticular networks formed of a large number of small lenses of short focal lengths and of the same order, and at least one unpolished screen surface, one of said lenticular networks being arranged between the observers and the unpolished surface, and two of said lenticular networks being arranged between the said unpolished surface and a projecting device, the lenses of one of said two lenticular networks corresponding in number optically to those of the other of said networks, the corresponding lenses of each network being in alinement with the optical center of the objective of the projecting device, the pitch of the lenses of the network adjacent the unpolished surface being sufficiently greater than the pitch of the network facing the projecting device so that the images projected by the former onto said unpolished surface are enlarged as contrasted to the images formed by the lenses of the latter, the network adjacent the unpolished screen surface having one focal plane at the said surface and the other focal plane at the rear focal plane of the front network, the two networks cooperating to produce on the unpolished surface elementary real neighbouring images of the exit pupil of the projecting objective, the third network being arranged on the side of the unpolished surface remote from the projecting device at a distance from said unpolished surface equal to the focal length of the lenses of the said network, the lenses of said third network corresponding in number optically with the images on the unpolished screen surface and being alined with corresponding images and a selected common point, the said network being adapted to form virtual images of each of said images and to collimate said virtual images to observers on the same side of the unpolished screen surface.

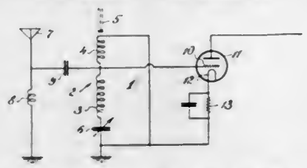
2,131,975
LIPSTICK HOLDER
Louis A. Samstag, New York, N. Y.; Elsie Samstag executrix of said Louis A. Samstag, deceased
Application March 8, 1937, Serial No. 129,554
3 Claims. (Cl. 132—79)

1. A lipstick holder, comprising a base member, a removable cover member formed near its closed end with an outwardly projecting semi-annular ring-like section formed with spaced perforations and providing an inner channelway, and



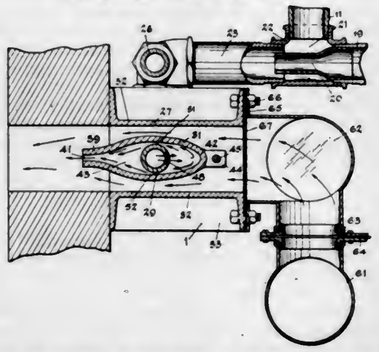
a cup within the cover member and formed with a plurality of perforations in line with said channelway.

2,131,976
IMAGE SUPPRESSION SYSTEM
William A. Schaper, Oak Park, Ill., assignor to Johnson Laboratories, Inc., Chicago, Ill., a corporation of Illinois
Application May 17, 1937, Serial No. 143,107
9 Claims. (Cl. 250—40)



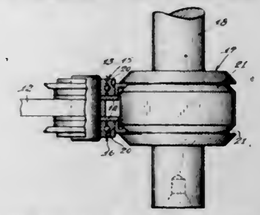
1. A high-frequency network having inductive and capacitive elements connected to form series and parallel circuits resonant at materially different frequencies, and means including a magnetic core movable relatively to said inductive elements to tune said circuits over wide ranges of frequency while maintaining a substantially constant difference between the resonant frequencies of said circuits.

2,131,977
BURNER
Franz G. Schwalbe, Toledo, Ohio, assignor to Frangeo Company, Toledo, Ohio, a corporation of Ohio
Application October 28, 1936, Serial No. 108,043
4 Claims. (Cl. 158—118)



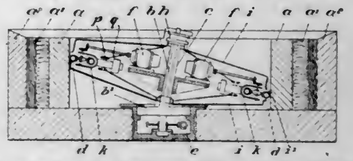
1. In a burner structure, a plurality of shells, means for directing fuel gas under pressure against end parts of the inner surfaces of the shells to simultaneously produce reversal of flow and expansion of the gas within the shells, the other end parts of the shells having aligned oblong gas outlets, the shells having restricted gas passageways located intermediate the said end parts of the shells and the said outlets.

2,131,978
METHOD OF FORMING BUSHING STRUCTURES
Morris Schwartz, Chicago, Ill., assignor to Barrel Fitting & Seal Corporation of America, Chicago, Ill., a corporation of Illinois
Application August 3, 1935, Serial No. 34,596
7 Claims. (Cl. 29—148.2)



1. The method of forming a bushing structure which consists in forming a flange on and at substantially right angles to the axis of a cylindrical collar, and in upsetting the material of the flange about the periphery thereof to produce out of a single thickness of said material inwardly converging edges when viewed in cross-section.

2,131,979
APPLIANCE FOR TESTING VEHICLE TIRES AND ROAD SURFACES
Erich Seidl, Berlin-Westend, Germany
Application June 15, 1936, Serial No. 85,388
In Germany June 15, 1935
3 Claims. (Cl. 73—51)

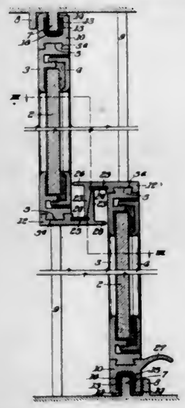


1. An appliance for testing vehicle tires and road surfaces, more particularly at very high rates of travel, comprising in combination a carrier adapted to rotate about an upright axis which is inclined to the vertical, means for causing this axis to sweep out a conical surface, a plurality of testing wheels mounted on said carrier with their axes of rotation parallel to said upright axis for accommodating the tires being tested, means on said carrier for driving said testing wheels about their axes, and, surrounding said carrier, an upright running track bearing the road surface being tested on which the testing wheels run.

2,131,980
WINDOW SASH AND HOUSING
Henry J. Sharp, Pittsburgh, Pa., assignor of fifty-one one-hundredths to William W. Martin, Pittsburgh, Pa.
Application March 29, 1937, Serial No. 133,486
16 Claims. (Cl. 189—76)

1. In combination, a metal sash frame having surrounding outwardly projecting connecting portions and an enclosing housing therefor con-

sisting of side and end bars each having interengaging connecting portions slidably connecting



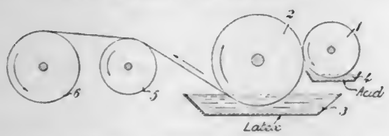
the housing with the sash frame and having corner junction with each other.

2,131,981
ELASTIC OR RUBBER THREAD OR YARN AND METHOD OF MANUFACTURING THE SAME
Thomas Lewis Shepherd, London, England
Application March 18, 1935, Serial No. 11,720
In Great Britain March 21, 1934
6 Claims. (Cl. 117—2)



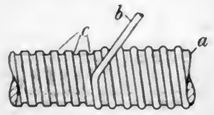
1. A compound thread formed of elastic rubber and coated with a protective material to hold the thread rigid, such protective material being lacking at predetermined local areas to form a speckled thread.

2,131,982
RUBBER PROCESS
Thomas Lewis Shepherd, London, England
Application May 13, 1935, Serial No. 21,265
In Great Britain May 12, 1934
10 Claims. (Cl. 18—54)
(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)



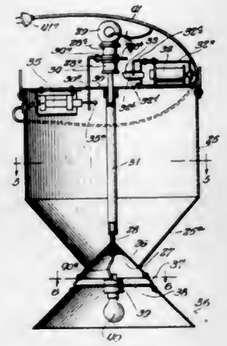
1. The process of producing rubber thread which consists in continuously applying a coagulant to a support, applying latex to the coagulant to partially coagulate the latex, withdrawing the partially coagulated latex from the support and permanently reducing the cross section of the coagulum by stretching it before the coagulation process is sufficiently advanced to set up stresses by the stretching operation which tend to retract the thread.

2,131,983
ELASTIC YARN AND METHOD OF MAKING IT
Thomas Lewis Shepherd, London, England
Application February 23, 1937, Serial No. 127,257
In Great Britain February 28, 1936
9 Claims. (Cl. 117—57)



1. A method of manufacturing a yarn which consists in incorporating in a normally elastic core thread a quantity of extensibility reducing agent sufficient to produce a relatively inextensible and plastic thread, and embedding a textile winding in said thread to form permanent grooves therein whereby slipping of the textile winding is prevented.

2,131,984
POULTRY FEEDER
Louis A. Stahmer, Forest Park, Ill.
Application April 29, 1936, Serial No. 77,047
5 Claims. (Cl. 119—56)

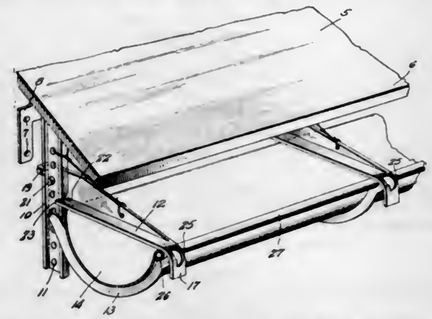


1. A poultry feeder comprising a hopper, a closure valve at the bottom thereof, electrically controlled means to release said valve to permit it to open, said valve being adapted to open by gravity, and said means including an electrical circuit, an electro-magnet, a latch bolt serving as the armature for the electro-magnet, a projection of the valve supported by the latch bolt, the latter being attracted by the electro-magnet when the circuit is closed to unseat the projection and allow the valve to drop to open position, and a higher projection carried by the valve and of a length to rest on the retracted latch bolt when the valve has dropped to a predetermined height, whereby to stop the valve from falling below such height.

2,131,985
UNDER-HUNG EAVES TROUGH HANGER
Charles C. Strayer, Johnstown, Pa.
Application January 4, 1937, Serial No. 119,012
2 Claims. (Cl. 248—48.2)

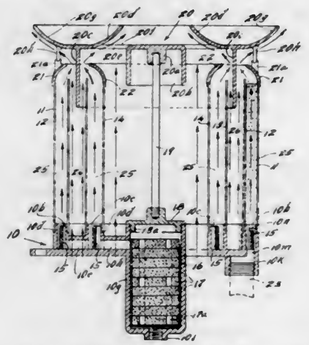
2. A device of the class described comprising a supporting bracket having a depending standard formed with spaced openings, and coacting upper and lower hanger members adapted to grip an eaves trough between them, the outer end of the upper hanger member being curved downwardly

and provided with a seat and the inner end of said upper hanger member being provided with a hook adapted to embrace the standard and a lateral locking pin adapted to enter one of the openings in said standard, there being a shoulder formed on the upper hanger member in ad-



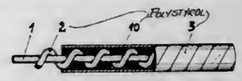
vance of the locking pin and adapted to engage the standard, the lower hanger member being provided at one end thereof with a hook for engagement with the seat in the upper hanger member and having its inner end provided with a lateral pin adapted to fit in a selected opening in the standard.

2,131,986
BLUE FLAME OIL BURNER
Charles M. Stroud, Minneapolis, Minn.
Application December 18, 1935, Serial No. 55,018
6 Claims. (Cl. 158—86)



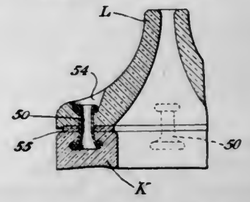
4. An oil burner of the blue flame type having in combination, a burner member having a pair of radially spaced annular oil receiving grooves, two pairs of perforated cylinders extending upwardly from the walls of said grooves, the spaces between the cylinders of each pair forming vapor passages and the spaces between the pairs of said cylinders forming an air passage, baffle members supported on the outermost and innermost cylinders respectively at their upper ends and extending upwardly and toward each other in curved form, a baffle member extending over all of said passages and having a cylindrical flange extending downwardly into said air passage to a point some distance below the top of said cylinders whereby the air and vapor in said vapor passages can pass laterally between the top of the two inner cylinders and the top of said first mentioned baffles and then upwardly between said first mentioned baffles and said flange and outwardly beneath said second baffle.

2,131,987
ELECTRIC CABLE WITH AIR SPACE INSULATION
Ernst Studt and Carl Traugott, Nordenham, Germany, assignors to Norddeutsche Seekabelwerke Aktiengesellschaft, Nordenham, Germany
Application October 11, 1933, Serial No. 693,212
In Germany October 24, 1932
4 Claims. (Cl. 173—265)



1. In an electrical conductor with air space insulation, a central metallic wire, an open helix of polystyrol wound around the metal wire, and a covering surrounding said wire and helix, the helix thus forming a spacer between said covering and the metallic wire and providing the air spacing, and the helix of polystyrol being in the form of a tube.

2,131,988
NONRESEALABLE BOTTLE
Waitstill H. Swenarton, Montclair, N. J.
Application August 10, 1934, Serial No. 739,244
8 Claims. (Cl. 215—7)

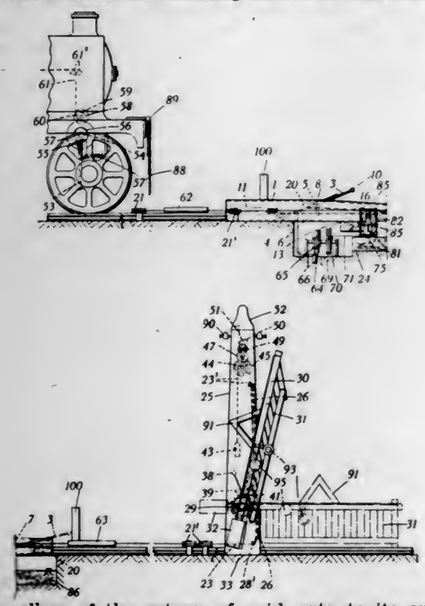


1. In a non-resealable bottle, the combination with the neck of such bottle of a separate spout member and means for securing the latter to the bottle neck so as to prevent the removal of the spout from the neck without defacement or fracture of such means, the same including locking means, having a sleeve-like-extension, carried by the neck of said bottle and which extension projects through an aperture in said spout member and into an internal recess formed in said spout member, the extreme end of said extension being flared outwardly to expand the same to a diameter greater than that of said aperture so as to resist withdrawal of said sleeve-like extension of the locking means through said aperture.

2,131,989
APPARATUS FOR MECHANICALLY OPERATING LEVEL CROSSING GATES
Zaky Tadros, Cairo, Egypt
Application July 7, 1936, Serial No. 89,274
In Greece July 23, 1935
14 Claims. (Cl. 246—293)

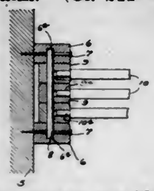
1. Apparatus for automatically operating a level crossing gate including gate closing means operatively connectable to said gate, said means comprising a gate actuating device arranged adjacent said gate and an operating member for said device adapted to be disposed adjacent the track at a predetermined distance from said level crossing, and connected to said device through the medium of a spring; means carried by a locomotive to displace said operating member to tension said spring, when said locomotive passes said member; means for retaining said member in its displaced position to allow the said spring

to actuate said actuating device; and time-controlled means for releasing said retaining means



to allow of the return of said gate to its open position.

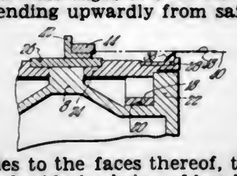
2,131,990
UTILITY RACK
Eura Barnett Tisdale, Hot Springs, Ark.
Application June 14, 1937, Serial No. 148,176
1 Claim. (Cl. 211—96)



A rack for the purpose specified comprising a plurality of arms having enlarged bearing ends of moisture-induced swellable material, a wooden pintle extending through the bearing ends of said arms with a snug fit, mounting blocks carried by said wooden pintle at each end thereof, means extending through both of said end blocks and wooden pintle for anchoring said rack to a support, and the bearing ends of said set of arms having flat faces in contact with each other.

2,131,991
APPARATUS FOR PRINTING CLOTH
John H. Williams, Providence, R. I.
Application December 12, 1936, Serial No. 115,639
1 Claim. (Cl. 101—114)

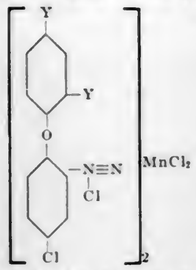
An apparatus for printing cloth comprising in combination, a pair of spaced-apart endless chains movable in horizontal planes and including a plurality of pivoted-together links, each of said links having a plate portion provided with an outwardly-extending horizontal part and an inwardly-extending upwardly-inclining part, supporting means disposed outwardly of said horizontal part, a screen member including a frame and a screen disposed between said chains with said frame supported by said supporting means, the latter being so arranged that portions of the screen overlie and are disposed closely adjacent the uppermost edges of said inclining parts, and pins extending upwardly from said inclining



parts at angles to the faces thereof, the projecting portions of said pins being of less length than the distances between the plane of said screen and the points on the said inclining faces from which the pins project whereby there is no engagement by the pins with the screen.

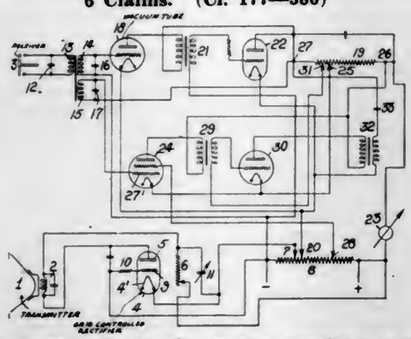
2,131,992
DIAZO COMPOUND AND PROCESS OF MAKING SAME
Adolf Wirz, Basel, Switzerland, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland
No Drawing. Application March 4, 1937, Serial No. 129,101. In Switzerland March 9, 1936
10 Claims. (Cl. 260—142)

7. The diazonium salts of the general formula



in which Y stands for a member of the group consisting of hydrogen and chlorine, and in which not more than one Y represents chlorine.

2,131,993
SONIC DEPTH AND HEIGHT INDICATOR
Bruno A. Wittkuhns, Summit, N. J., and Frederic M. Watkins, Forest Hills, N. Y., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York
Application March 17, 1932, Serial No. 599,432
6 Claims. (Cl. 177—386)

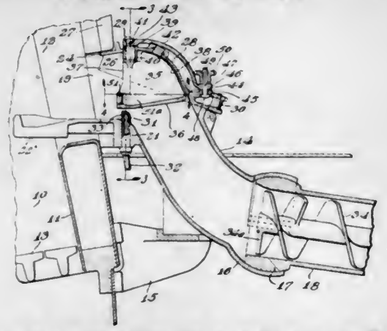


1. In an echo depth meter, a receiver, a plurality of electronic tubes connected therewith including vacuum tubes and a grid glow tube, means including said receiver and one of said vacuum tubes for tripping said glow tube upon receipt of a primary sound by said receiver, means for energizing said other vacuum tubes by the output of said glow tube, means for deenergizing said first mentioned vacuum tube by said glow tube, an indicator in circuit with said glow tube to show depth, and means actuated by the amplification of the echo signal in said other tubes for cutting off the discharge of said glow tube, thereby effecting the deenergization of said other tubes and the energization of said first mentioned tube.

2,131,994
REFRACTORY METAL COMPOSITION
Franz R. Hensel, Indianapolis, Ind., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
No Drawing. Application August 13, 1935, Serial No. 35,985
10 Claims. (Cl. 148—32)

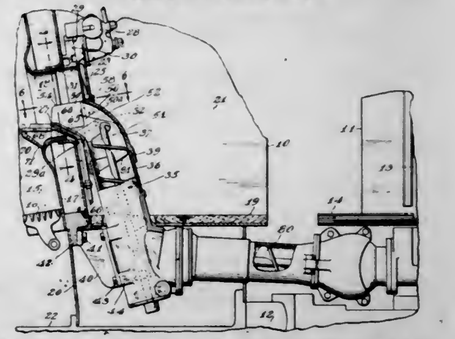
1. An age hardened metal body comprising a porous mass of refractory material chosen from the group consisting of tungsten and tungsten carbide impregnated with an alloy of a metal selected from the group consisting of copper and silver containing a precipitated intermetallic compound of silicon with a metal selected from the group consisting of nickel and cobalt, said intermetallic compound being present in the proportions in which said compound is effective in producing hardening by precipitation in said alloy.

2,131,995
STOKER FUEL DISTRIBUTOR
George M. Broker, Erie, Pa., assignor to The Standard Stoker Company, Incorporated, a corporation of Delaware
Application December 3, 1936, Serial No. 113,968
4 Claims. (Cl. 110—104)



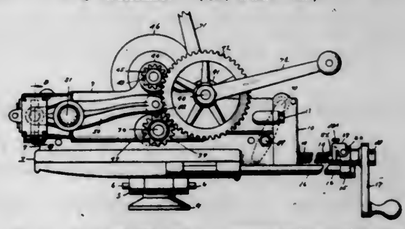
1. In a furnace having a wall with a firing opening therein, a stoker for feeding fuel to said furnace comprising a riser conduit having an upwardly extending portion and a forwardly directed discharge mouth in communication with said firing opening, means below the level of said discharge mouth for urging fuel upwardly through said riser conduit in a core shaped mass, distributing means at the discharge mouth of said riser conduit including a distributor plate and a distributor jet head at the rear of said distributor plate, said jet head having a front face provided with a plurality of jet openings for emitting blasts of pressure fluid over said distributor plate, and a fuel deflector vane associated with said distributing means and arranged to act on the fuel prior to the action thereon of the pressure fluid blasts issuing from said jet head, the said deflector vane being pivotally mounted at substantially its forward end for movement about an upright axis, said vane being disposed in said conduit with its pivotal axis lying in a plane extending transversely of the flow of fuel through the conduit and coinciding substantially with the plane of the front face of said jet head, said deflector vane being arranged with no part of its extended axis passing into the upwardly directed portion of said riser conduit.

2,131,996
LOCOMOTIVE STOKER
Edwin Archer Turner, New York, N. Y., assignor, by mesne assignments, to The Standard Stoker Company (1922), Inc., New York, N. Y., a corporation of Delaware
Application December 20, 1935, Serial No. 55,304
13 Claims. (Cl. 110—101)



13. In combination, a firebox having a backhead provided with a firing opening, a frame therefor, a stoker conduit entering the lower portion of said opening from outside the firebox, said frame being cut away to receive said conduit, the latter being provided with a mouth portion disposed within said frame and extending into the firing opening and comprising a bottom wall adjacent the lower marginal edge of the firing opening, side walls adjacent the respective sides of the firing opening and a cross wall joining the rear edges of said bottom and side walls and a firedoor mounted on said frame and embracing the top portion of the conduit, the lower part of the firedoor being rearward of said cross wall.

2,131,997
HAND ROCK DRILL
James C. Wright, Colorado Springs, Colo.
Application December 22, 1936, Serial No. 117,166
6 Claims. (Cl. 255—42)



1. In a rock drill, the combination of a guide shell, a housing slidably mounted on said guide shell; a feed screw extending from said guide

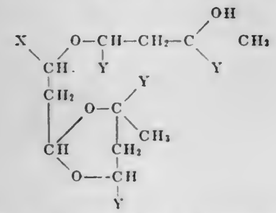
shell; an end member secured to the rear end of said housing; a feed actuating nut mounted on said feed screw within said end member; a ratchet on said feed actuating nut; a hammer member slidably mounted in said housing and provided with an inclined face portion; a vertically disposed slide mounted in said end member and provided with a roller adapted to cooperate with the inclined face of said hammer member; an actuating pawl mounted on said slide and adapted to engage the teeth of the ratchet on said feed actuating nut; and a pin on said slide; a brake disc mounted on said feed screw adjacent to said feed actuating nut, a transversely disposed bolt mounted in said housing; a bell crank mounted on said bolt and adapted to cooperate with said brake disc to brake said feed actuating nut and to cooperate with said pin to lift said slide; a lever mounted on said bolt outside said housing.

2,131,998
CYCLIC ACETAL

Kurt Billig, Frankfort-on-the-Main-Hochst, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application January 14, 1936, Serial No. 59,156. In Germany January 17, 1935
6 Claims. (Cl. 260—338)

1. The products of the following general formula:



wherein X and Y stand for a substituent of the group consisting of hydrogen and methyl, said products being clear, colorless liquids, miscible with most organic solvents.

2,131,999
SOLVENT REFINING

Louis A. Clarke, Fishkill, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

No Drawing. Application March 27, 1937, Serial No. 133,386
5 Claims. (Cl. 196—13)

1. In the refining of hydrocarbon oil to separate the oil into fractions respectively rich in paraffinoid and non-paraffinoid constituents, the method comprising extracting the oil with a solvent selected from the group consisting of nitro and amino dephenyl, forming an extract phase comprising non-paraffinoid constituents dissolved in the bulk of the solvent and a raffinate phase comprising paraffinoid constituents mixed with a small portion of the solvent, separating the two phases, and removing the solvent therefrom.

2,132,000
PHOSPHATE COATING BATH AND METHOD OF MAKING

Leo P. Curtin, Cranbury, N. J., assignor to Curtin-Howe Corporation, New York, N. Y., a corporation of Delaware

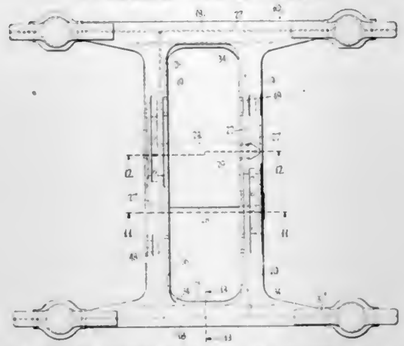
No Drawing. Application October 7, 1936, Serial No. 104,555
3 Claims. (Cl. 148—6.5)

1. The method of preparing a phosphate coating bath adapted for treating ferrous metal surfaces and having an acidity corresponding to that of a dihydrogen alkali phosphate, which comprises dissolving in water sufficient dihydrogen alkali phosphate to give the solution the desired acidity and concentration of P_2O_5, and also dissolving in said solution a normal salt of at least one metal selected from the class consisting of zinc and manganese, said salt being added in an amount which bears at least an equimolecular ratio to the amount of dihydrogen alkali phosphate dissolved in the bath.

2,132,001
RAIL CAR TRUCK

Walter B. Dean, Narberth, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania

Application August 20, 1934, Serial No. 740,557
18 Claims. (Cl. 105—190)

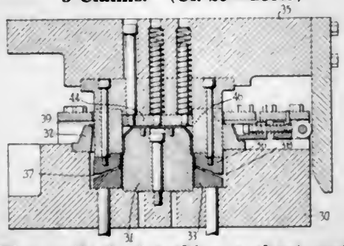


1. A truck frame having side frames and transoms, said side frames and transoms including a one piece horizontal flange member and vertical web members, said frame being fabricated substantially throughout of flat plates arc welded together at their places of joinder by a double row of arc welds.

2,132,002
CONSTRUCTION OF HUBS

Franklin R. Hight, Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa., a corporation of Pennsylvania

Application April 11, 1934, Serial No. 719,992
5 Claims. (Cl. 29—159.3)

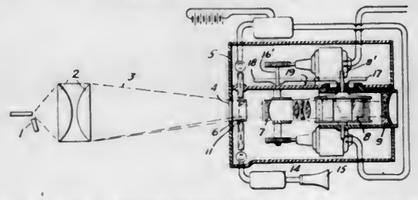


1. The method of making a sheet metal wire wheel hub shell or a like generally tubular product having at one end thereof an outwardly flaring flange, a generally cylindrical body portion extending from said flange toward the opposite end of said object and an outwardly bulged portion extending from said generally cylindrical portion and disposed adjacent said opposite end and terminating in a radially inwardly directed flange, which comprises the step of preforming from flat sheet stock a generally bell-shaped blank, said preformed blank having an outwardly flaring flange at its one end corresponding to the flaring flange of the final product, a generally cylindrical portion corresponding generally to the cylindrical portion of the final product but of greater axial extent, a generally frusto-conical portion extending from said generally cylindrical portion and a flat end portion connecting the margins of said frusto-conical portion, the over-all axial depth of the preformed blank exceeding the corresponding depth of the final product, and the step of operating upon said preformed blank so shaped while firmly holding its flaring end flange and a portion of the generally cylindrical portion extending therefrom to bring pressure to bear upon the axially opposite ends of the blank including the flat end portion and convert, solely through such endwise pressure, said frusto-conical portion and a portion of the cylindrical portion of the blank adjacent thereto into the outwardly bulged portion of the final product.

2,132,003
MOTION PICTURE APPARATUS

Lodewyk J. R. Holst, Brookline, Pa., assignor to The S. M. M. H. Corporation, Dover, Del., a corporation of Delaware

Application September 25, 1933, Serial No. 690,852
1 Claim. (Cl. 88—16.2)



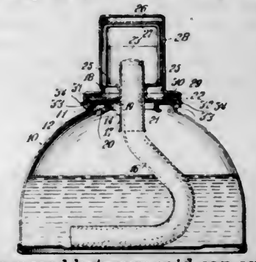
In motion picture apparatus, the combination with means for moving continuously a film having thereon visual picture units and a light transmitting sound track of variable light permeability; and means comprising a rotatable device having at least two parallel surfaces for angularly deflecting image rays from sequential film sections continuously moved by said first named means, of a light source, means for concentrating a beam from said light source toward said refracting device, sound reproducing means operable by variations in the light intensity of the portion of said beam passing through said track concurrently with the projection of visual images by said beam from said picture units; and having a light refracting element in the path of the portion of said beam which has passed through said track, and means including a member rotatable relatively to and engageable with the first named means and controlled by the movement of a film section across a portion of said beam for regulating the relative speeds of said first named means and said second named means.

2,132,004
FLARE TORCH

Rudolph Kovac, Chicago, Ill., assignor to American Automatic Devices Co., Chicago, Ill., a corporation of Illinois

Application September 8, 1934. Serial No. 743,246
2 Claims. (Cl. 67—55)

1. In a device of the type described, the combination of a receptacle for liquid fuel having an opening at its top provided with an inwardly directed flange, a downwardly directed flange on said inwardly directed flange at each side of the receptacle having an obliquely disposed lower edge, a wick tube, a plate mounted on said tube and extending outwardly therefrom, lugs extending outwardly from said plate in spaced relation thereabout, a cap having notches in its lower edge comprising obliquely disposed bearing face portions adapted by engagement with said lugs to lock said cap securely in position on said plate when the cap is given a rotary movement, a



gasket interposed between said cap and said plate for providing a tight closure therebetween, a second gasket on the bottom face of said plate in position to engage said inwardly directed flange of the receptacle, and other lugs extending outwardly from said tube in downwardly spaced relation to said plate adapted by engagement with said downwardly directed flanges of the receptacle to lock said plate in closure position upon said opening.

2,132,005
ARTICLE OF CERAMIC BONDED ABRASIVE MATERIAL AND METHOD OF MAKING THE SAME

Lowell H. Milligan and Robert H. Lombard, Worcester, Mass., assignors to Norton Company, Worcester, Mass., a corporation of Massachusetts

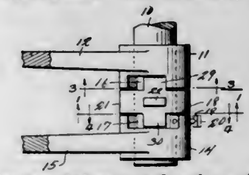
No Drawing. Application October 19, 1936, Serial No. 106,368. In Canada September 16, 1936
15 Claims. (Cl. 51—278)

1. The method of making an article of ceramic bonded oxidizable abrasive granular material which comprises incorporating in a raw ceramic bond mixture a sufficient amount of a protective reagent which is capable of reacting preferentially with the oxygen within the article and preventing deleterious oxidation of the abrasive grains during the firing operation, shaping an article from a mixture of the grains and bond and firing the same to develop the bond.

2,132,006
BRAKE APPLYING MECHANISM FOR MOTOR VEHICLES

Raymond Rourke, Portageville, N. Y.

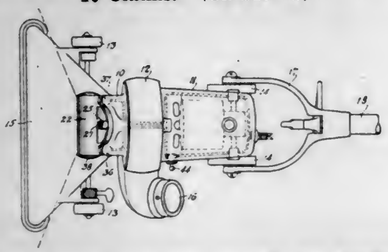
Application March 13, 1937, Serial No. 130,784
10 Claims. (Cl. 192—13)



1. A brake applying mechanism, including a brake pedal, a clutch pedal, an oscillatable intermediate brake operating element, the pedals and

the intermediate element oscillating around the same axis, cooperating means on the intermediate element and the brake pedal constructed and arranged to shift the brake operating element to a brake applying position upon a depression of the brake pedal but permit the independent return of the brake pedal to its initial position without returning the brake operating element, and cooperating means on the brake operating element and the clutch pedal constructed and arranged to shift the brake operating element to a brake applying position upon a depression of the clutch pedal to a predetermined selected extent but permit the independent return of the clutch pedal without the return of the brake operating element to its initial position.

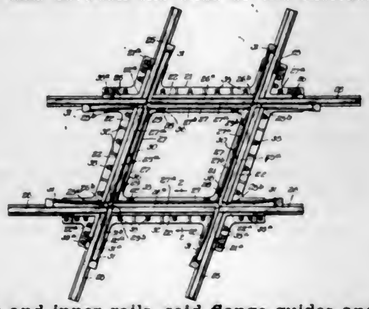
2,132,007
VACUUM CLEANER WITH HEADLIGHT
Bernard P. Smith, Newark, N. J., assignor to The Regina Corporation, Rahway, N. J., a corporation of New Jersey
Application April 27, 1935, Serial No. 18,517
10 Claims. (Cl. 240—2)



1. A vacuum cleaner having an ambulant frame, electric motor, suction fan, and suction nozzle having an opening, the axes of the motor and suction fan being substantially horizontal, a support for a headlight mounting secured on the forward face of the frame, a pivot structure for said headlight mounting positioned near the upper edge, and centrally, of said support, and a headlight mounting constituting a pivoted cover for the opening in said suction nozzle, and capable of being displaced from its position upon such forward face by being pivoted about said support, said mounting having a pair of contact prongs extending into the nozzle housing, and including a housing for an electric light bulb, the greater portion of the body of such housing extending substantially above the horizontal center line of said mounting, said pivot structure comprising a projection from the support having an aperture, a bolt extending through said aperture, and a spring surrounding said bolt.

2,132,008
RAILWAY CROSSING
James H. Asselin, Chicago, Ill.
Application August 10, 1936, Serial No. 95,153
11 Claims. (Cl. 246—465)

11. A railway crossing comprising a one-piece base frame with the sides extending beyond their points of intersection, the frame bounded by an upstanding fixed wall substantially coextensive with the base but locally interrupted at the intersection to provide gaps of width equal to that of a rail head plus a wheel-flange groove, outer rails at the crossing having their ends disposed within the gaps with the rail base bearing against and the rail web tied to the inner face of the upstanding wall, short rails disposed within the frame with their ends spaced from the outer rail ends a distance equal to a wheel-flange groove, inner walls removably secured to the base and through the inner rails to the outer walls, and wheel-flange guides removably secured to the inside of the outer rails and the frame with their ends inserted within the gaps in the outer walls and between the ends of the intersecting



outer and inner rails, said flange guides and inner wall ends serving to space and interlock the outer and inner rails with each other and with the base frame, the upper faces of the outer walls and the contiguous rail heads lying flush in a common plane whereby to provide a substantially increased bearing surface for the tread of wheels passing over the crossing.

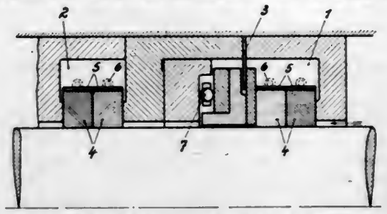
2,132,009
ADJUSTABLE SEAT
Albert P. Ball, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application December 6, 1934, Serial No. 756,295
12 Claims. (Cl. 155—14)



4. In a seat structure for a vehicle having a floor surface, an adjustable seat, supporting members depending from said seat, a pair of tiltable upright rack bars for the front end of the seat pivotally connected to said floor surface, a second pair of tiltable upright rack bars for the rear end of said seat, a floor engaging member interconnecting said last named pair of bars and resting upon the floor surface, clutch housings carried by said supporting members, one thereof being associated with each of said rack bars, irreversible friction clutch mechanism located within each of said housings and including a pinion engaging the teeth of said rack bar, said rack bars being engaged and guided by said clutch housings, and independent manually controlled means for operating each pair of pinions and associated clutch mechanisms whereby said pinions may be caused to travel along said rack bars to adjust the front or rear ends of said seat independently of one another and relatively to said rack bars.

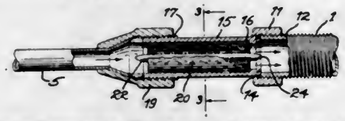
2,132,010
STUFFING BOX PACKING
Paul Barry, Essen-Ruhr, Germany
Application January 23, 1937, Serial No. 122,026
In Germany June 13, 1936
1 Claim. (Cl. 286—26)

A metallic stuffing box, comprising two pot-like casing members to be placed on the object to be packed, which have contiguous edges, an elastic wall interposed between the two members and dividing the inner space of the casing into two chambers of angular cross section, packing rings



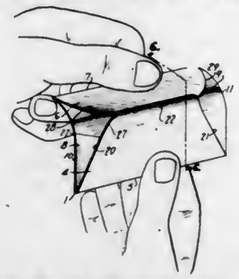
placed on the object to be packed within range of one of said chambers and laterally supported by the elastic wall, and a ball thrust bearing arranged on the other side of the elastic wall for taking up axial pressures.

2,132,011
BEVERAGE DISPENSING APPARATUS
V. Ray Bennett, Pasadena, and Gilbert G. Budwig, Burbank, Calif., assignors, by direct and mesne assignments, to Budwig Manufacturing Company, Burbank, Calif., a corporation of California
Application July 17, 1936, Serial No. 91,132
4 Claims. (Cl. 138—40)



1. In a beverage dispensing apparatus, a pressure reduction device comprising a cylindrical rod, a band of indented sheet metal wound in a spiral therearound to form a fluid conduit of spiral cross-section, said rod projecting beyond the exit end of said conduit and being formed to prevent turbulence.

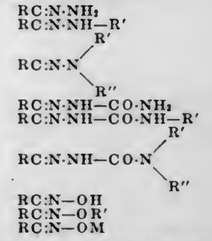
2,132,012
TUCK FLAP ENVELOPE
Eugene B. Berkowitz, Kansas City, Mo., assignor to Berkowitz Envelope Company, Kansas City, Mo., a corporation of Delaware
Application September 9, 1935, Serial No. 39,720
2 Claims. (Cl. 229—76)



2. An envelope of the character described including a body portion formed of flexible material, side flaps overlying the body portion and having terminal portions overlapping each other and upper edges extending substantially parallel with the upper edge of the body portion, a bottom flap having less height than the body portion and overlying the side flaps and having side edges sealed to the side flaps with the seals terminating substantially at points midway between the bottom and top edges of the envelope to leave an unattached lip extending over the overlapped terminal portions of the side flaps, and a closure flap on the body portion foldable over the side flaps and of sufficient size so that the free edge thereof is adapted to be inserted between the overlapped terminal portions of the side flaps and said lip to be gripped thereby, the closure flap being insertable incidental to curving of the envelope in a direction parallel to said lip and through said sealed terminating points whereby the upper half of the envelope moves away from said lip to accommodate movement of the closure flap therebetween.

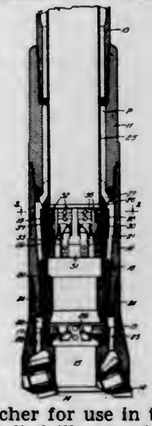
2,132,013
INSECTICIDE
Arthur L. Blount, Palos Verdes Estates, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California
No Drawing. Application July 2, 1934,
Serial No. 733,450
5 Claims. (Cl. 167—24)

1. An insecticide comprising a rotenone derivative of the class:



where RC is the radical left when the ketone oxygen is removed from rotenone, where R′ and R″ are the same or different aryl or alkyl radicals, and M is a metallic group.

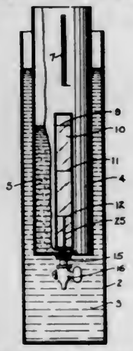
2,132,014
CORE CATCHER
Alfred C. Catland, Alhambra, Calif., assignor to Globe Oil Tools Company, Los Nietos, Calif., a corporation of California
Application September 25, 1936, Serial No. 102,528
12 Claims. (Cl. 255—72)



1. A core catcher for use in the core receiving opening of a well drill comprising, a sleeve for

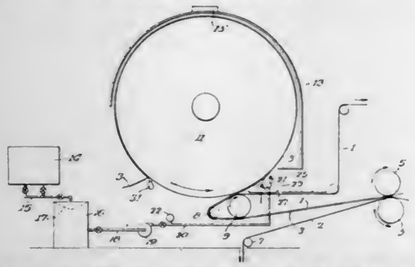
arrangement in the opening, the sleeve having longitudinal grooves provided with inclined inner walls, slips movable in the grooves and operable through cooperation with said walls, and a spring connected with the slips and engageable with the core for controlling the operation of the slips.

2,132,015
MEANS FOR DETERMINING DRILLING FLUID CHARACTERISTICS
William H. Collins, Houston, Tex.
Application February 19, 1937, Serial No. 126,592
1 Claim. (Cl. 73—51)



In a combination viscosimeter, hydrometer, and gel testing device, comprising an open topped container of uniform diameter throughout its length, a valve controlled viscosity tube mounted centrally in the base thereof through which the fluid will pass by gravity, indicia on said container to indicate its contents or its degree of immersion for determining specific gravity and gelling characteristics.

2,132,016
PAPER MAKING
Horace A. Du Bois, Neenah, Wis., assignor to Paper Patents Company, Neenah, Wis., a corporation of Wisconsin
Application April 20, 1936, Serial No. 75,262
1 Claim. (Cl. 92—69)



The process of manufacturing a very thin, fireproof, creped, cellulosic sheet suitable for use in making wadding on a paper making machine which includes sheet or web forming equipment and a single drying cylinder of relatively large diameter for drying the web, comprising the steps of forming a suitable cellulosic web through the use of the web forming equipment, transferring the formed web to the drying cylinder, charging or impregnating the web while it is on the drying cylinder and while it is still wet by applying directly to the outer face of the web most remote from the cylinder a solution of fireproofing salts, drying the impregnated web on the cylinder, and finally removing the dry web from the drying cylinder by a creping doctor.

2,132,017
STABILIZED COMPOSITIONS COMPRISING ALIPHATIC ETHERS
Theodore Evans, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Original application August 17, 1936, Serial No. 96,472. Divided and this application May 3, 1938, Serial No. 205,753
9 Claims. (Cl. 23—250)

1. A composition of matter stabilized against peroxide formation which comprises an aliphatic mixed ether and a stabilizing amount of an aromatic amino compound of the group consisting of para-phenylene diamine, meta-phenylene diamine and diphenyl amine.

2,132,018
INHIBITION OF PEROXIDE FORMATION IN ETHERS
Theodore Evans, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Original application August 17, 1936, Serial No. 96,473. Divided and this application May 3, 1938, Serial No. 205,754
9 Claims. (Cl. 23—250)

1. A composition of matter stabilized against peroxide formation which comprises an aliphatic mixed ether and a stabilizing amount of an organic hydroxy amino compound of the group consisting of para-amino phenol, acetaldehyde-ammonia and ethanolamine.

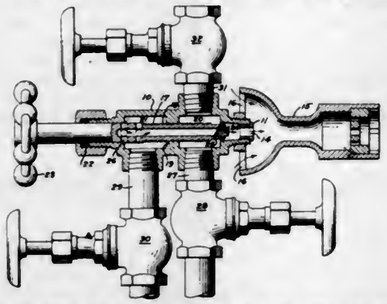
2,132,019
INHIBITION OF PEROXIDE FORMATION IN ALIPHATIC ETHERS
Theodore Evans, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Original application August 19, 1936, Serial No. 96,816. Divided and this application May 3, 1938, Serial No. 205,755
10 Claims. (Cl. 23—250)

1. A composition of matter stabilized against peroxide formation which comprises an aliphatic mixed ether and a stabilizing amount of a carbonylic compound selected from the group consisting of acetone, methyl ethyl ketone and salicylic acid.

2,132,020
GAS BURNER
Percy M. Forster, Berkeley, Calif.
Application January 21, 1937, Serial No. 121,487
3 Claims. (Cl. 158—118)

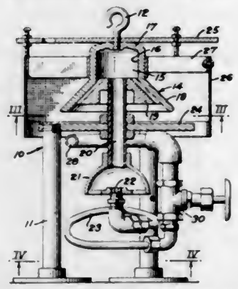
1. A burner of the character described comprising a burner body having a primary chamber and a secondary chamber formed therein, said body having a main orifice in direct communication with the primary chamber, a hollow conducting member extending from the secondary chamber into the primary chamber to a point adjacent the main orifice, the said conducting member having a secondary orifice in its end adjacent the main orifice and in axial alignment therewith, the said conducting member communicating with the secondary chamber, a separate valve controlled means for admitting

the flow of gas into each chamber, valve controlled means for admitting air into said primary



chamber, and a burner head carried by the body in cooperative relation to the main orifice.

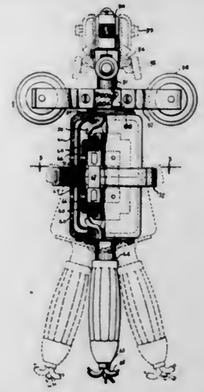
2,132,021
ORCHARD HEATER
Percy M. Forster, Berkeley, Calif.
Application September 14, 1937, Serial No. 163,788
3 Claims. (Cl. 158—99)



1. A burner including a hollow nozzle having an imperforate upper end, said nozzle having a plurality of circumferentially spaced and downwardly and outwardly extending passageways arranged in a circle about the center of said nozzle and extending through the lower end thereof, a tube disposed coaxially of said nozzle from a point below the same and upwardly through the lower end thereof, a venturi on the lower end of said tube, and a fuel nozzle located centrally of said venturi whereby fuel and air will be delivered upwardly through said tube into said nozzle whereby the same may discharge downwardly through said passageways, a lower baffle plate arranged parallel to the lower end of said nozzle at a spaced distance below the same and coaxially thereof, the said baffle plate being of a diameter greater than the lower end of said nozzle, and a heat radiating screen member circumscribing the exterior of said lower baffle plate and extending a distance upwardly therefrom.

2,132,022
TROLLEY COLLECTOR FOR ELECTRICAL DISTRIBUTION SYSTEMS
Harrison J. L. Frank and Joseph A. Messing, Detroit, Mich.
Original application January 14, 1935, Serial No. 1,660. Divided and this application August 31, 1935, Serial No. 38,841
1 Claim. (Cl. 191—45)

As part of a system employing a stationary slotted tube duct and trolleys, a trolley comprising an elongated narrow head made of soft rubber and proportioned to be insertable into the duct through the slot thereof when its long dimension is parallel to the run of the duct and to straddle the duct slot when its long dimension is transverse of the run of the duct, a post upon whose upper end is fixedly disposed the head, a cross bar rotatably mounted on the post below the head, means for indexing the cross bar and the post relatively so that the cross bar may be locked to the post in either one of two positions which are perpendicular to each other, means on the head and cross bar for interlocking the head and cross bar and post as a unit to the duct against substantial movement in all directions transverse to the run of the trolley along the duct, the means including supporting and collector wheels on the head, all engaging interior surfaces of the duct, thrust preventing

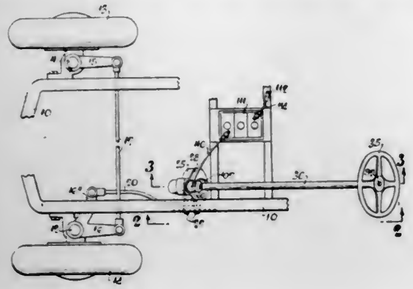


wheels on the ends of the cross bar and longitudinally spaced along the duct a considerable distance to prevent rocking of the head and cross bar and post with respect to the duct and engaging the lower outside surface of the duct, the post projecting through the duct slot to outside the duct, and a rigid trolley manipulating portion connected to and supported by and suspended from the post so as to ride with it but in a path remote from the duct and arranged with its center of gravity between the longitdinally spaced thrust preventing wheels, the connection comprising a universal joint closely adjacent the cross bar and which permits substantially all of the depending portion below the cross bar to move universally relative to the post without rocking it, the supporting wheels being journalled on the head in a manner that permits these wheels to rock with respect to the head, as well as to rotate with respect to the head.

2,132,023
POWER STEERING APPARATUS
William W. Fuller, Norfolk, Va., assignor to Hermoine Fuller, Norfolk, Va.
Application February 18, 1938, Serial No. 191,284
6 Claims. (Cl. 180—79.1)

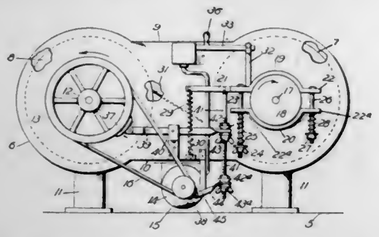
3. Power steering apparatus for motor vehicles having a steering column, a casing surrounding a portion of the steering column intermediate its ends, an electric motor having a single circuit for energizing said motor to run in one direction only, a member mounted for oscillation by said motor, means movable by rotation of the steering column for closing the circuit to said motor to oscillate said member, and means also movable by

rotation of the steering column for connecting the steering column to said oscillating member



to deliver force from the motor to the steering column.

2,132,024
FILM REWIND DEVICE
Jacob M. Goldberg, Denver, Colo.
Application June 23, 1936, Serial No. 86,785
1 Claim. (Cl. 242—57)



In a film rewind mechanism having a support, two shafts rotatably mounted in the support in spaced parallel relation, a supply reel non-rotatably mounted on one shaft, a rewind reel non-rotatably mounted on the other shaft, a friction brake associated with the supply reel shaft, an electric motor operatively connected with the rewind reel shaft, a switch in the motor circuit, means responsive to the movement of the friction brake for opening and closing the switch, two separate brake devices, one associated with the rewind reel and the other with the motor, means for simultaneously moving the two brake devices into inoperative position when the switch is closed and means comprising a spring for moving the brake devices into operative position when the switch is opened.

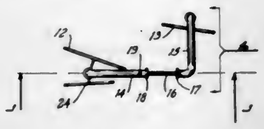
2,132,025
ELECTRIC HAIR CLIPPER
Robert R. Gonsett, Los Angeles, Calif., assignor of one-fourth to Peter P. Ruggieri, Ventura, Calif., and one-fourth to Johanna M. Wargin, Hueneme, Calif.
Substituted for abandoned application Serial No. 518,206, February 25, 1931. This application April 5, 1937, Serial No. 135,182
6 Claims. (Cl. 30—210)

6. In a device of the character described, a tubular handle case having a tapered outer end, a mechanical unit insertable and retractable from the larger end of the case comprising a cutter bar and cutter slidable thereon together snugly fitting and insertable through the tapered extremity of the case having their major cutting portions projected a distance outwardly of the case, the inner end of the cutter having a lateral arm within the larger part of the case provided with a wrist pin at its extremity, a bell crank lever pivoted at its middle in the case to oscillate in a plane coincident with the arm longitudinally of the case, said arm having a slotted extremity receiving said



pin slidably, and having an arm extending inwardly from the cutter longitudinally of the case at the side opposite said arm of the cutter, said cutter bar having an extension offset beside said arm of the cutter and secured removably to the side of the case, an electromagnet mounted on said extension of the cutter bar, and an armature on the last named arm of the lever in operative relation to the magnet.

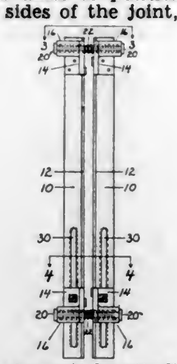
2,132,026
FORWARD VIEW MIRROR FOR AUTOMOBILES
James E. Griffith, Denver, Colo.
Application July 27, 1936, Serial No. 92,819
2 Claims. (Cl. 88—86)



2. The combination with the door and windshield of an automobile of a first mirror positioned within said automobile adjacent said windshield; a second mirror positioned on the exterior of said automobile at an angle to reflect an image to said first mirror, thence to the eyes of the driver; the angular relation of said mirrors being such that the driver will obtain a straight-ahead vision from said second mirror from his normal driving position; an inner bracket extending first inwardly from the inner face of said door thence forwardly to a position adjacent said windshield, thence downwardly to said first mirror so as to position the latter to one side of said windshield; a second bracket extending first outwardly from the outer face of said door thence downwardly to said second mirror, said brackets being positioned opposite each other; and means extending through said door from one bracket to the other to draw said brackets toward each other so as to clamp said door therebetween.

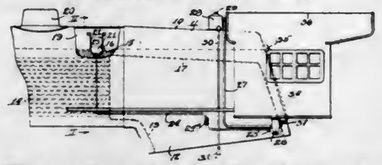
2,132,027
GAUGE FOR MASONRY JOINTS
William Grund, Detroit, Mich.
Application July 21, 1936, Serial No. 91,728
9 Claims. (Cl. 72—128)

7. A gauge for filling joints between adjacent structural units comprising, in combination, a pair of members extending substantially parallel to one another, elements carried by said members adapted to enter a joint between two adjacent structural units to position said members upon opposite sides of the joint, and means for



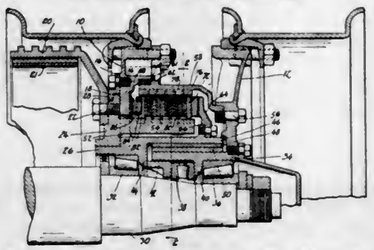
adjusting said elements longitudinally along said members for different lengths of joints.

2,132,028
AUTOMATIC BOILER WATER CONDITIONER AND BLOW-OFF SYSTEM
Lewis O. Gunderson and Oland W. Carrick, Chicago, Ill., assignors to Electro-Chemical Engineering Corporation, Chicago, Ill., a corporation of Delaware
Application October 9, 1936, Serial No. 104,760
23 Claims. (Cl. 122—381)



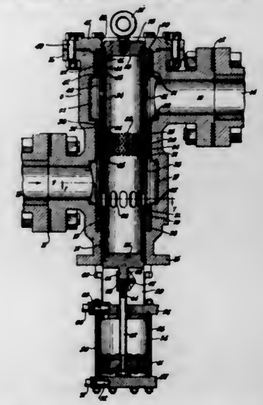
1. The method of controlling boiler water in operating steam boilers which comprises collecting water directly from the main body of light boiler water only above the normal level of water in the boiler and periodically draining the collected water from the boiler without substantial discharge of steam therewith.

2,132,029
DUAL WHEEL ASSEMBLY
James F. Higbee, Detroit, Mich.
Application September 28, 1936, Serial No. 102,836
13 Claims. (Cl. 188—18)



1. In combination with a pair of independently rotatable vehicle supporting dual wheels, retarding means associated with the inner of said wheels, friction discs arranged intermediate said wheels operable to retard rotation of the outer wheel, and means automatically operable upon retardation of the inner wheel to operate said friction discs.

2,132,030
HIGH PRESSURE VALVE
Nathan C. Hunt and Samuel C. Chessman, Salem, Ohio; said Chessman assignor to said Hunt
Application March 17, 1936, Serial No. 69,311
11 Claims. (Cl. 251—76)



11. In high pressure valve construction, walls forming a valve body, spaced inlet and outlet passages formed in said valve body walls, a hollow plunger member closed at both ends slidably mounted in said body, a plurality of channel-shaped pressure sealed packing rings interposed between the plunger and valve body, a plurality of series of ports including a multiple series of ports spaced from each other formed in the plunger walls for establishing communication between the inlet and outlet passages through the hollow plunger when the plunger is moved to "on" position, said ports and packing rings being so constructed and arranged that as the plunger is moved from "on" to "off" position and vice versa only one packing ring is traversed by ports and then only by said multiple series of ports, and means protecting the multiple series of ports that traverse said last mentioned packing ring from fluid flow in a direction from the exterior to the interior of the hollow plunger.

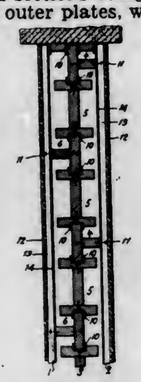
2,132,031
PROCESS OF TREATING SULPHIDE ORES
Noak Victor Hybinette, Jackson, Mich.
No Drawing. Application October 19, 1934, Serial No. 749,045. Renewed July 14, 1937
7 Claims. (Cl. 75—11)

1. The process of recovering sulphur and iron from ores containing large quantities of iron and sulphur which comprises roasting the ore to remove the sulphur as a gas, mainly consisting of sulphur dioxide, smelting the residue with coke in an electric furnace and using the by-product carbon monoxide from such smelting for the reduction of said sulphur dioxide to obtain free sulphur, and recovering said free sulphur.

2,132,032
PARTITION WALL
Aage Alex Jacobsen, Copenhagen, Denmark
Application November 10, 1936, Serial No. 110,027. Renewed February 26, 1938. In Denmark July 8, 1936
5 Claims. (Cl. 20—4)

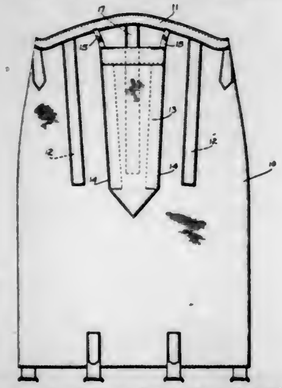
1. A partition wall consisting of two outer plates and a central plate disposed between the latter with intermediate spaces and composed of

laterally stiff sections mutually sound-insulated by means of intermediate layers of plastic strips, some of the said sections being in direct contact with one of the outer plates, while other ones of



sections are in direct contact with the other outer plate, and some of the sections in the central plate are not in direct contact with the outer plates.

2,132,033
GARMENT
Ruth M. Kapinas, Minneapolis, Minn., assignor, by mesne assignments, to Munsingwear, Inc., Minneapolis, Minn., a corporation of Delaware
Application February 4, 1935, Serial No. 4,904
3 Claims. (Cl. 2—36)

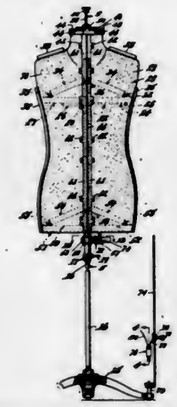


1. A garment of the character described comprising a body portion of elastic material, a diaphragm engaging insert of inelastic fabric at the center of the front of said body portion and terminating short of the top edge thereof, and being bordered above by an area of elastic material of the body portion, means loosely connecting said insert to the top of the garment, and a bone secured to the center of the body portion under said inelastic insert and extending upwardly through said area of the body portion to

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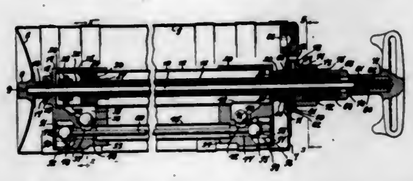
2,132,034
DRESSMAKING FORM AND THE LIKE
Dee La Rue, Chicago, Ill.
Application July 15, 1935, Serial No. 31,368
14 Claims. (Cl. 223—68)

1. A dressmaking form comprising a body portion divided vertically into two parts, toggle levers connecting the upper and lower portions thereof respectively, a support extending vertically through said body portion, a link connecting said



toggles and means for actuating said link to contract or expand the form, substantially as described.

2,132,035
FIRE EXTINGUISHER
Hugo Leipold, Buffalo, N. Y., assignor to Buffalo Fire Appliance Corporation, Buffalo, N. Y., a corporation of New York
Application June 1, 1936, Serial No. 82,803
2 Claims. (Cl. 299—97)

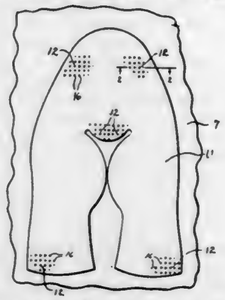


1. A packing and breather for a plunger pump mounted in an enclosed container and discharging the liquid therefrom, comprising a member mounted on said container and surrounding said plunger, said member being formed to provide a cylindrical socket around said plunger, a plurality of fibrous washers in said socket and around said plunger and a plurality of metal washers intercalated with said fibrous washers and free to be bodily displaced under the influence of the piston rod thereby to permit the passage of air through the packing while said piston rod is being moved and preventing a permanent compression of the packing.

2,132,036
METHOD OF EMBOSSING AND PERFORATING PREFORMED SHOE PARTS
George C. Loucks and John R. H. Ward, Milwaukee, Wis.
Original application November 29, 1937, Serial No. 177,046. Divided and this application April 11, 1938, Serial No. 201,464
2 Claims. (Cl. 12—146)

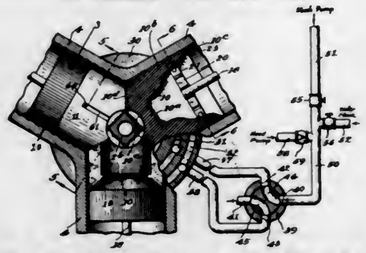
1. The method of treating a pre-formed shoe upper part blank, which consists in, first, perforating the blank with a plurality of spaced parallel intersecting rows of openings; and then embossing

an alternately raised and depressed design on the shoe blank to simulate platted strips, with the



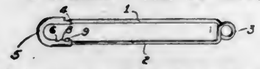
simulated strips extending between the intersecting rows of openings.

2,132,037
BLOW-OUT PREVENTER
John W. MacClatchie, Los Angeles, Calif., assignor to MacClatchie Manufacturing Company of California, Compton, Calif., a corporation of California
Application March 30, 1936, Serial No. 71,632
13 Claims. (Cl. 137—139)



2. In a packing device, a plurality of closure elements each formed of packing material, and means for exerting fluid pressure directly against the packing material of the closure elements for first relatively radially contracting the closure elements for cooperation defining a closure means surrounding a bore opening therethrough axially of said radial contraction, and then expansibly distorting the portions of the packing material which define the wall of the bore, for projection into said bore for sealing around a member extending therethrough.

2,132,038
SAFETYPIN
George A. Mizer, Hinsdale, Ill., assignor of one-half to Ben V. Zillman, St. Louis, Mo.
Application May 5, 1937, Serial No. 140,799
4 Claims. (Cl. 24—158)

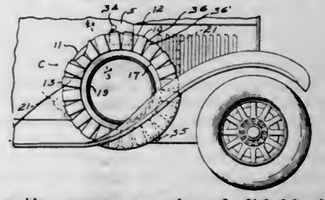


1. A safetypin comprising a pair of legs connected at one end and normally sprung together to resist spreading of said legs, one of said legs having a point, a guard longitudinally mounted on the other leg to constantly provide a seat for said point, and means to prevent accidental longitudinal movement of said guard and comprising an elongated opening on said guard, an obstruction intermediate the ends of said opening, and a projection on the leg of said pin movable in said opening and yieldably engaging said obstruction.

2,132,039
PRODUCTION OF NEUTRAL SOLVENTS BY FERMENTATION
John Müller, Philadelphia, Pa., assignor to Commercial Solvents Corporation, New York, N. Y., a corporation of Maryland
No Drawing. Application December 9, 1936, Serial No. 115,003
24 Claims. (Cl. 195—44)

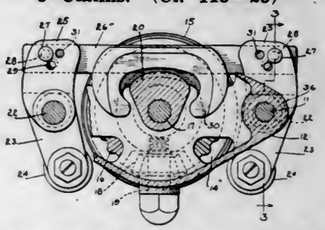
9. A process for the production of normal butyl alcohol, isopropyl alcohol, ethyl alcohol, and acetone, which comprises subjecting a fermentable carbohydrate mash containing inverted molasses, as the principal fermentable carbohydrate, and an ammonium compound to the action of bacteria of the group *Clostridium propyl butylicum*, at temperatures from 28° C. to 32° C., while controlling the acidity of the mash during the fermentation whereby the final hydrogen ion concentration secured by the action of the bacteria falls within the range pH 5.8 to pH 6.1.

2,132,040
TIRE COVER
Thomas Munro, Philadelphia, Pa., assignor to Kittle Manufacturing Co., Los Angeles, Calif., a corporation of California
Application April 2, 1930, Serial No. 441,102
2 Claims. (Cl. 150—54)



1. In a tire cover, a series of slidably interfitting metallic protective elements, each of said elements comprising a narrow arch adapted to cover the sides and tread of a tire and having reversely bent tongues adjacent the meeting edges thereof and adapted to engage and interlock with like tongues of adjacent elements for collectively forming an annulus, said elements and said annulus being so formed and so interrupted as to permit of a flexing of said series in the plane of said annulus, for the insertion of a tire therein.

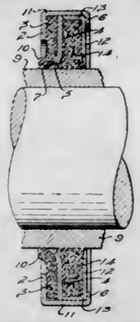
2,132,041
CAN SEALER
Carl Nelson, Eau Claire, Wis., assignor to National Pressure Cooker Company, Eau Claire, Wis., a corporation of Wisconsin
Application July 8, 1935, Serial No. 30,345
3 Claims. (Cl. 113—23)



1. In a can sealer, a base having upright posts secured thereto, a cross head secured to the upper ends of the posts, chuck plates for supporting the can, means for driving one of said chuck plates to rotate the can, a plurality of

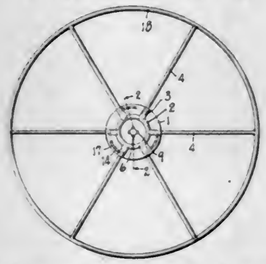
seaming rollers, arms for supporting said rollers, means operatively connecting together said arms whereby the spacing between the seaming rollers may be varied in accordance with cans of different diameters, eccentrics at the upper ends of said posts for supporting said arms, and means whereby said posts may be relatively operated to rotate the eccentrics and thereby relatively adjust the arms and seaming rollers with respect to the can.

2,132,042
OIL SEAL
Thomas Edward Nelson, Pontiac, Mich.
Application March 4, 1936, Serial No. 67,009
1 Claim. (Cl. 286—5)



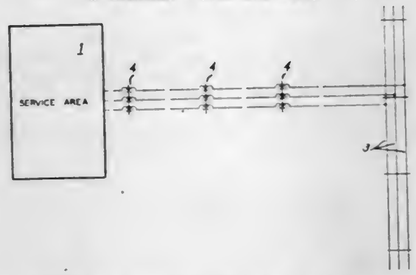
In an oil seal, a resilient washer having a central aperture, a metal washer having a central aperture of larger diameter than the central aperture of the resilient washer, the metal washer being provided with a curved out-turned edge about its central aperture and said out-turned edge engaging the resilient washer and turning the edge of the resilient washer outwardly, said metal washer extending about the outer radius of the curve of the resilient washer and maintaining and supporting the edge of the resilient washer about its aperture in curved position, the arrangement being such that a cylindrical rotary member inserted through the central aperture of the resilient washer will engage one edge of said washer at the aperture and the curved out-turned edge of the metal washer maintaining the other edge of the resilient washer at the aperture out of contact with said shaft.

2,132,043
FILM REEL
John M. Oldham, Detroit, Mich., assignor to Leonard A. Young, Detroit, Mich.
Application August 31, 1935, Serial No. 38,773
6 Claims. (Cl. 242—70)



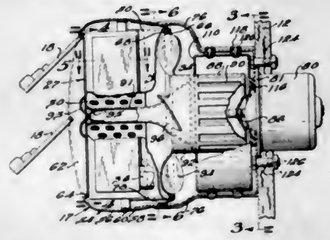
1. In a film reel, a tubular hub adapted to receive a driving member for the reel, a pair of plates secured to the ends of said hub, said plates having punched out slots and struck out lips adjacent said slots, a winding drum disposed between said plates provided with fingers at the ends thereof, a portion of said fingers being spaced from the drum and extending in the direction of the drum periphery, said fingers being received in said slots and held therein by said lips, said plates being further provided with rounded channels extending radially thereof, and spokes confined in said channels between said drum and said plates.

2,132,044
INTERFERENCE ATTENUATOR
Horace E. Overacker, Palo Alto, Calif., assignor of one-half to Harry N. Kalb, San Francisco, Calif.
Application April 13, 1935, Serial No. 16,180
8 Claims. (Cl. 178—44)



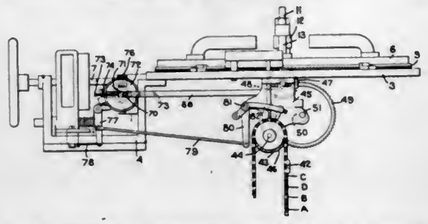
7. Means for attenuating radio frequencies on an open wire line, comprising a plurality of iron core attenuation coils spaced along said line at a distance of the order of an odd number of quarter-wavelengths of the lowest frequency to be attenuated, each of said coils having a resistance in the order of 0.1 ohm and an inductance in the order of 0.24 millihenry at 1000 cycles, and a resistance in the order of 1000 ohms and an inductance in the order of 0.18 millihenry at 1000 kilocycles.

2,132,045
AUTOMOBILE BODY HEATER
Lambert M. Payne, Detroit, Mich.
Application February 27, 1937, Serial No. 128,078
8 Claims. (Cl. 257—137)



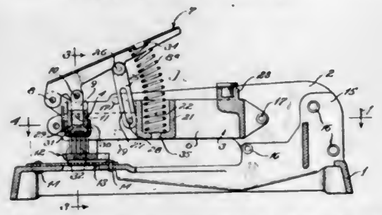
1. In an automobile body heater, a heating core, means to force air through said core to thereby heat said air, means forming an air confining conduit through said core substantially centrally thereof, means for drawing heated air through said conduit, the construction and arrangement of said conduit relative to said core being such that a portion of said heated air is reversed in its flow and passes through said conduit.

2,132,046
CIRCULAR KNITTING MACHINE FOR DROP-STITCH WORK
John H. Rice, Manchester, N. H., assignor to Leighton Machine Company, Manchester, N. H., a corporation of New Hampshire
Application August 25, 1937, Serial No. 160,839
21 Claims. (Cl. 66—31)



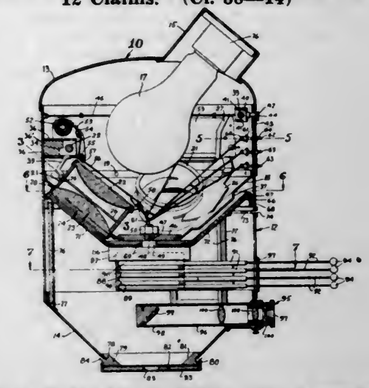
1. A circular knitting machine for knitting drop-stitch work comprising a set of regular needles, a set of special needles and aligned jacks, a circular needle bed having grooves therein to receive either a regular needle alone or a special needle and aligned jack, a circular cam plate rotatable relatively to the needle bed and provided with cams acting upon said rotation to effect the knitting movements of the regular needles and of those special needles whose jacks are in active position, means for moving said jacks to inactive position, means acting to cause the special needles whose jacks are in inactive position to cast off their stitches and cease knitting and automatically controlled mechanism acting to restore selected jacks to active position to cause the special needles controlled thereby to knit.

2,132,047
PERFORATOR
Edward G. Rix, Chicago, Ill., assignor to American Perforator Company, Chicago, Ill., a corporation of Illinois
Application May 13, 1937, Serial No. 142,325
5 Claims. (Cl. 164—93)



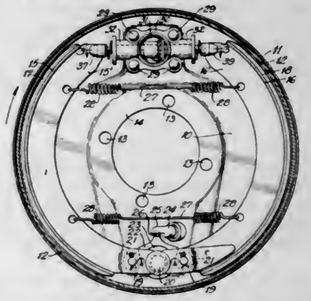
1. A perforator comprising a base, a pair of parallel spaced plate brackets mounted on the rear end of said base and having portions overhanging said base to provide a throat between the base and brackets, a head extending between said plate brackets and supported thereby, said head comprising a pair of parallel spaced side plates extending along and secured to said plate brackets, each side plate having a vertically-extending guide channel therein adjacent its front end, a punch-actuating member extending between said side plates and having its ends slidably mounted in said channels, an actuating lever for said punch-actuating member pivotally mounted on said head adjacent the front end thereof and extending rearwardly from its pivotal axis, and a pair of links pivotally connecting said lever with the ends of said punch-actuating member.

2,132,048
COLOR ANALYZER AND REPRODUCER
Willard C. Robinette, Pasadena, Calif.
Application February 3, 1936, Serial No. 62,059
12 Claims. (Cl. 88—14)



1. In a device for analyzing color, a support, a plurality of lens members on said support and positioned with their axes intersecting a source of light, a daylight correction filter member associated with each of said lens members, a reflector member associated with each of said lens members, light rays from said source being directed onto said reflectors by said lens members, an apertured member positioned to receive light rays from said reflectors, means to control the amount of light passing through said lens members, a plurality of color filter members mounted to move to position between said lens members and said reflector members, said apertured member constituting a support for a sample placed behind the aperture in the apertured member whereby the sample receives light from said reflectors, a photo-cell positioned to receive light from said sample and a plurality of color filter members, the last mentioned color filter members being movably mounted for positioning the same, at will, in or out of the light path between the sample support and the photo-cell.

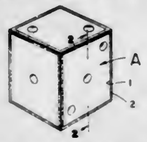
2,132,049
BRAKE SHOE ADJUSTING AND CENTERING DEVICE
John J. Schlumbrecht, Chicago, Ill.
Application July 14, 1937, Serial No. 153,577
4 Claims. (Cl. 188—79.5)



1. The combination with a brake drum, a support therein, a pair of opposed brake shoes arranged for internal action in said drum, and means for expanding the shoes onto the drum, of means for centering the shoes relatively to the

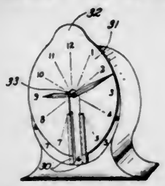
drum, comprising a fixed bearing attached to said support, a member mounted to slide endwise in said bearing, anchors engaged with the opposed ends of said shoes and having stems mounted in the ends of said slidable member, thimbles slidably mounted on said stems and adapted to abut against the ends of said bearing, and springs confined under compression between said thimbles and anchors; said slidable member being made in two sections connected endwise by a screw-threaded joint, whereby said slidable member may be adjusted to the exact length of said bearing, and said thimbles may abut against the ends of both the bearing and the slidable member.

2,132,050
GAME DICE
Boleslaus A. Serdynski, Milwaukee, Wis., assignor, by mesne assignments, of one-half to Leo S. Ryczek, Milwaukee, Wis.
Application September 24, 1937, Serial No. 165,512
1 Claim. (Cl. 273—146)



A cubular dice for games composed of hard material having thereon standard indicia, the corners of the cube being channeled out to form roughened surfaces, a filler of soft rubber adhesively secured to the roughened surfaces of said channels to form a rectangular knife-edge for completing the cube.

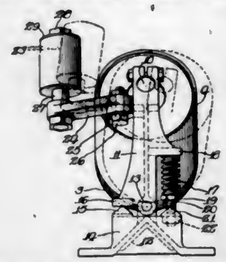
2,132,051
ATTACHMENT FOR CLOCKS
Elmer H. Schuttenberg, Cleveland, Ohio
Application July 3, 1937, Serial No. 151,895
10 Claims. (Cl. 40—63)



1. In combination with a clock having hands and a supporting spindle therefor, a memorandum device, comprising plates having a slot therein adapted for reentrant engagement over said hand supporting spindle and a channel frame for supporting the edges of the plate defined by said slot.

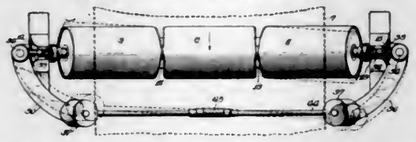
2,132,052
SELF-TRAINING IDLER
Reuel Clem Sollenberger, South Bend, Ind., assignor to Dodge Manufacturing Corporation, Mishawaka, Ind., a corporation of Indiana
Application December 16, 1935, Serial No. 54,619
20 Claims. (Cl. 198—202)

1. A training idler comprising conveyor rolls arranged end to end on relatively inclined axes to provide a troughing support for a conveyor belt, fixed means for supporting the roll ends other than at the idler extremities, movably mounted means supporting the roll ends at the idler extremities, means yieldingly maintaining the rolls in normal relationship, and means whereby the shifting from centered position of the conveyor



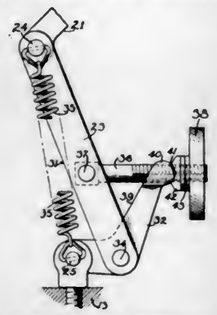
belt traveling on the idler will cause a roll displacement to train the belt back to centered position.

2,132,053
SELF-TRAINING IDLER
Reuel Clem Sollenberger and Lee O. Carroll, South Bend, Ind., assignors to Dodge Manufacturing Corporation, Mishawaka, Ind., a corporation of Indiana
Application May 7, 1936, Serial No. 78,342
20 Claims. (Cl. 198—202)



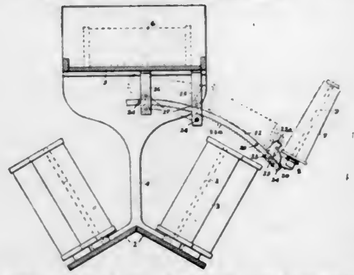
3. A self-training idler comprising a stationary roll, a plurality of training rolls, and means including a guide member in proximity to the path of travel of the belt to be guided for angling said training rolls simultaneously in opposite directions with respect to said stationary roll.

2,132,054
ADJUSTABLE PITMAN
William H. Spire, deceased, late of Cleveland, Ohio, by Irene D. Spire, administratrix, Cleveland, Ohio, assignor to Thompson Products, Incorporated, Cleveland, Ohio, a corporation of Ohio
Original application March 19, 1936, Serial No. 69,745. Divided and this application January 11, 1937, Serial No. 119,988
8 Claims. (Cl. 74—586)



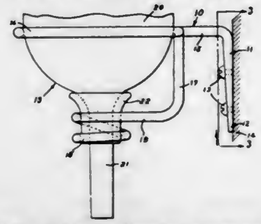
1. A first reciprocable member, a second reciprocable member, a lever pivotally connected to said second member, a rigid link pivotally connected at one end to said first member and at its other end to said lever, and means connecting said link and said lever adjustable to vary the effective length of said link.

2,132,055
SPINNING MACHINE
Charles Stansfield, Garfield, N. J.
Application May 1, 1937, Serial No. 140,094
6 Claims. (Cl. 242—139)



4. A machine of the class described including in combination with an upright supporting structure having means to support a horizontal row of yarn supplies, a rack projecting laterally from said structure and arranged to overhang said row when the latter is supported by said means and having the portion thereof remote from said structure affording means to support another row of yarn supplies paralleling the first row, said rack being movable in said structure and confined thereby to move therein around an axis below said rows and in a path which, viewing the machine in plan, is substantially perpendicular to said rows and said rack being so movable substantially out of overhanging relation to the first row.

2,132,056
FUNNEL SUPPORT
James Tate, Los Angeles, Calif.
Application December 8, 1936, Serial No. 114,752
1 Claim. (Cl. 248—94)



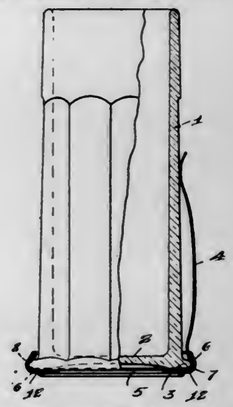
In a coffee making funnel support, a single continuous piece of resilient material bent to form a loop portion adapted to receive the neck of a funnel, said support including an outwardly directed portion tangent to said loop portion, said material being bent to extend upwardly from said outwardly extending portion, said upwardly extending portion merging into a circular portion, said circular portion having its end free to move towards and from the upper end of the upwardly extending portion so that the diameter of the circle may vary, said circular portion having an outwardly extending radially arranged portion, said outwardly extending radially arranged portion having an end portion which extends downwardly parallel to the upwardly extending portion, said downwardly extending portion being flattened, said circular portion having a larger diameter than that of the loop portion.

2,132,057
THERMO-ELECTRIC SAFETY SWITCH
John H. Thornbery and Harold A. Mantz, Milwaukee, Wis., assignors to Milwaukee Gas Specialty Company, Milwaukee, Wis., a corporation of Wisconsin
Application April 4, 1935, Serial No. 14,551
3 Claims. (Cl. 200—87)



1. In combination, a control device comprising a first housing having an opening therein, a cup-shaped housing secured to said first housing over said opening, a magnet member secured inside said cup-shaped housing and having pole means, electromagnetic coil means wound about the pole means of said magnet member, a reciprocatory plunger disposed substantially concentrically of said cup-shaped housing and having an armature having relative movement thereon for accommodating itself to the pole means of the magnet member, electric switch means in said first housing and cooperating with said plunger, means closing the open end of said cup-shaped housing and guiding the plunger in the movement of the armature toward and away from the pole means of said magnet member, spring means substantially coaxial with said plunger and disposed within said first housing and normally urging said armature to retracted position away from said magnet member and said switch means to open position, and means projecting from said first housing and adapted to be pushed manually to overcome said spring means and to return said armature to the position in which it is held by said magnet member.

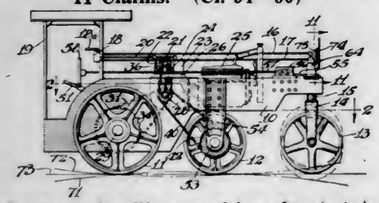
2,132,058
SODA FOUNTAIN STRAW JAR WITH CLIP
Harold Tofte, Syracuse, N. Y., assignor to T. N. Benedict Manufacturing Company, East Syracuse, N. Y., a corporation of New York
Application January 15, 1937, Serial No. 120,765
4 Claims. (Cl. 40—11)



1. The combination with a container having a

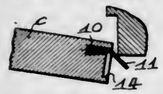
base, of a clip for holding an article on the outside of the container, the clip extending vertically along the outer wall of the container and having a single transverse strip extending diametrically of the base on the lower side thereof and clamping on the base at diametrically opposite points, the base being formed with diametrically opposite marginal peripheral notches and the clip interlocking in the notches at the opposite ends of the transverse strip.

2,132,059
ROAD ROLLING MACHINE
George E. Trembly, Homewood, Ill., assignor of one-fourth to Louis H. Ayer, Chicago Heights, Ill.
Application July 5, 1934, Serial No. 733,700
11 Claims. (Cl. 94—50)



1. In a road rolling machine, front, intermediate and rear rollers, a frame supported by said rollers, said intermediate and rear rollers being mounted in fixed relation with respect to each other and to said frame, and said front roller being mounted on a trunnion pivotally mounted in said frame for pivotal movement about a vertical axis and for vertical adjustment with respect to said frame in a plurality of parallel planes for vertically adjusting said front roller and the angle of said frame with respect to the ground while said rear rollers remain fixed with respect to said frame for rolling different contours of roadways.

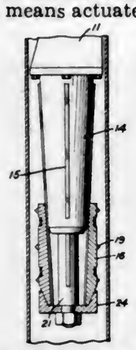
2,132,060
WEATHER STRIP
Gregoire Evague Tremblay, Quebec, Quebec, Canada
Application July 13, 1937, Serial No. 153,386
In Canada December 2, 1936
1 Claim. (Cl. 20—69)



In a weather strip made entirely of rubber, an elongated base pad adapted to be connected with a carrier member, and a flexible flange formed integral with the base and extending angularly therefrom, the said flange being of substantially uniform thickness, said base having a thickness equal to that of the flange at their meeting point and increasing in thickness gradually from that point for a short distance and then at a more obtuse angle in order to increase the base thickness gradually to a tapered form.

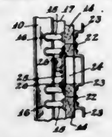
2,132,061
QUICK ACTION WHIP STOCK
Clinton L. Walker, Piedmont, Calif.
Application December 5, 1936, Serial No. 114,448
5 Claims. (Cl. 255—1)

1. In combinnation a well casing, a whipstock consisting of a tool deflector, a clutch attached to said deflector, detachable means actuated at the surface to lower said whipstock into the bore, means to actuate from the surface said clutch to grip the casing, means actuated at the surface



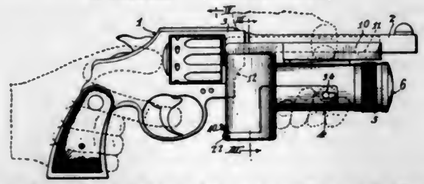
to release said clutch from its grip in the casing, means at the surface to form attachment to the whipstock whereby it may be raised out of the bore.

2,132,062
DEVICE FOR CONTROLLING THE LOAD OPENING IN BOXCARS AND THE LIKE
Arthur Weisz, Bratislava, Czechoslovakia, assignor to Leo Feuer, New York, N. Y.
Application December 2, 1937, Serial No. 177,668
8 Claims. (Cl. 20—32)



1. A device for controlling the load opening in the wall of a box car and the like, to adapt it for the transportation of goods in bulk, comprising guide rails adapted to be secured to a car laterally of its load opening each rail including at least two flange surfaces parallel to each other and to the plane of the load opening, a first one of said flange surfaces facing the inside of the car, and a second one facing the outside of the car, a plurality of individual boards fitting one upon the other with their horizontal edges, said boards being adapted to engage with their outer surfaces portions of said first flange surfaces, and to be moved vertically in the rear of said opening so as to close at least the lower portion of said opening when lowered, and rail-engaging members secured to said boards and adapted to engage said second flange surfaces.

2,132,063
FLASH LAMP
George W. Whaley, Los Angeles, Calif.
Application December 1, 1936, Serial No. 113,626
5 Claims. (Cl. 240—6.41)



1. In a flashlight to be used with a pistol having a frame, barrel, and a handle, a flashlight casing having a light, and lens for projecting a beam forwardly from the same, said casing having a barrel rest with an upper socket on its upper side for engaging the under side of the pistol barrel to hold the flashlight casing with its axis in a plane substantially parallel with the pistol barrel, said barrel rest having a rear socket at an angle to the axis of the upper socket for engaging the forward edge of the pistol frame, to hold the casing axis in substantially the same vertical plane with the pistol barrel and handle.

2,132,064
TREATED LATEX AND METHOD OF TREATING LATEX
Clarence W. Wilson, Corona, Calif., assignor to California Fruit Growers Exchange, Los Angeles, Calif., a corporation of California
No Drawing. Application April 1, 1935, Serial No. 14,124
17 Claims. (Cl. 18—50)

1. A process for treating latex which comprises treating the latex with fibrous sodium pectate, allowing said latex to cream, removing an aqueous portion therefrom and recovering an uncoagulated concentrated rubber dispersion from said latex.

15. As a new product, a concentrated latex containing a relatively small amount of a soluble fibrous alkaline pectate.

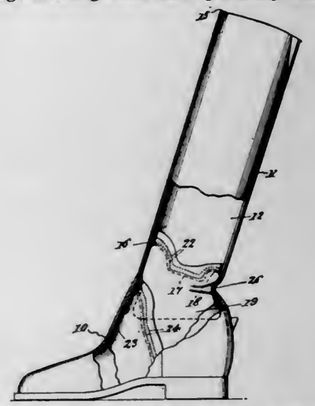
2,132,065
PECTATE AND METHOD OF MAKING SAME
Clarence Walter Wilson, Corona, Calif., assignor to California Fruit Growers Exchange, Los Angeles, Calif., a corporation of California
No Drawing. Application April 17, 1936, Serial No. 75,019
19 Claims. (Cl. 99—132)

1. A crude pectated pulp of the nature described characterized by being capable of yielding pectates of the group consisting of pectates of the alkali metals and ammonium; the pectates yielded being fibrous in character and being obtained by dispersing the crude pulp in an aqueous medium, filtering the dispersion, and precipitating the fibrous pectate from the filtrate; the dispersion of the crude pulp being accomplished by boiling up about 100 parts (dry basis) of the crude pectated pulp with about 12 parts of a tribasic phosphate of the group consisting of the alkali metals and ammonium and about 1.2 parts of an hydroxide of the group consisting of the alkali hydroxides and ammonium hydroxide in about 2000 parts of water; the precipitation after filtration being accomplished by adding the filtrate to an approximately equal volume of alcohol.

10. The process which comprises subjecting pectic source material to hydrolysis with alkali at a pH not materially above 8.5 and at a temperature not materially above 35° C., dewatering the material, and dispersing it by heating it in water with an hydroxide from the group consisting of the alkali hydroxides and ammonium hydroxide and a phosphate of a member of the group consisting of alkali metals and ammonium.

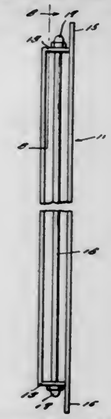
2,132,066
RIDING BOOT
Jack Alesci, Fort Sam Houston, Tex.
Application October 8, 1936, Serial No. 104,733
6 Claims. (Cl. 36—45)

1. In a riding boot having a shoe and a leg portion, a stiff lining removably mounted in the leg portion with its edges adjacent one another at the rear part of the leg portion, the lower edge of the lining having front and rear upwardly-offset portions, a quarter lining of flexible material fitted down into the quarter of the shoe portion and having front and rear projecting parts on its upper edge mating with the upwardly-offset por-



tions of the leg lining and secured thereto, said quarter lining having a front extension having therein an inverted V-shaped opening slit through the lower edge thereof, and an instep member secured to the sides of the opening and extending forwardly into the instep portion of the shoe.

2,132,067
DRAPERY HANGER
William Cleveland, New York, N. Y.
Application September 25, 1937, Serial No. 165,757
1 Claim. (Cl. 156—22)



In a drapery hanger for attachment to a window frame, a pair of opposed strip-like track units of square channelled shape in cross section adapted to be attached to opposite sides of a window frame in vertical parallel positions and with their open sides facing, a vertically extending guide rod in each track unit spaced inwardly from the open side of the unit to be concealed therein from the front of the unit, a pair of elongated rectangular block-like carriages extending horizontally out of said track units, respectively, each carriage having an outer end sleeved onto the guide rod of the related track

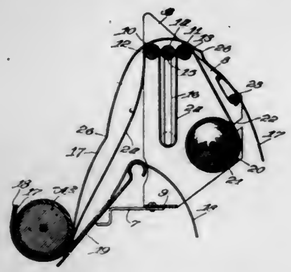
units for vertical sliding movement of the carriage thereon into different set positions, said outer end fitting flush in the related track units to provide against lateral play of the carriage relative thereto, a telescopic rod connection between the inner ends of said carriages, and means to releasably secure each carriage in different set positions on its related guide rod comprising a rod depending from the carriage parallel with the guide rod and within the related track unit to be concealed thereby from the front of the latter, a thumb grip member similar to the carriage secured to the lower end of the depending rod and having an outer end sleeved onto the guide rod to slide vertically thereon and fitting flush in said track units to provide against lateral play of the member, and a tensioned latch and finger grip member pivotally mounted on the lower end of the depending rod beneath the thumb grip member and normally frictionally engaging the guide rod.

2,132,068

CARBON HOLDING AND RETRACTING DEVICE FOR DUPLICATING MACHINES

John E. Euth, Chicago, Ill., assignor to United Autographic Register Co., a corporation of Illinois

Application May 17, 1937, Serial No. 143,180
5 Claims. (Cl. 197—126)



1. In a duplicating machine adapted to fill in forms on continuous-form stationery strips, a carbon retracting device comprising: a frame; a strip guide in said frame; a carbon supply roll mounted in said frame from which a carbon strip may be led forwardly over said guide in interleaved relation with said strips; and manually operable means adjacent to said guide for forming a loop in said carbon strip and retracting its end portion a form length into the succeeding set of forms comprising a roller journalled in a pair of arms provided with a spring normally urging said roller upwardly out of the bottom of the carbon loop.

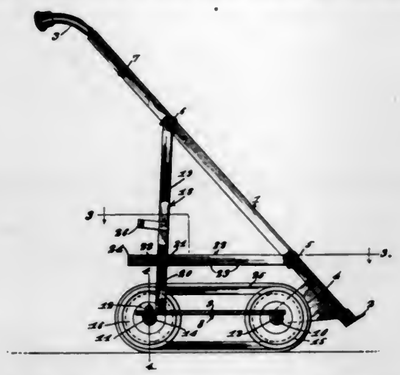
2,132,069

HAND TRUCK

Cary B. Hall, Nashville, Tenn.

Application October 2, 1937, Serial No. 167,061
2 Claims. (Cl. 280—54)

1. A hand truck comprising an under carriage including front and rear axles and a connecting structure therebetween, front and rear wheels journaled on said axles, a truck frame journaled on the front axle, endless tread elements connecting the front and rear wheels, an adjustable connection between the under carriage and the frame and including pairs of links, a rod pivotally connecting the pairs of links and one pair of links being pivoted on the under carriage adjacent the rear axle and the other pair of links being pivoted on the truck frame, and a latching means connected to the truck frame and engage-



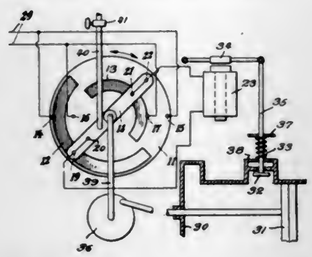
able with the rod while the angle of inclination between the pairs of links may be varied to adjust the relative relation of the truck frame and the carriage.

2,132,070

METHOD OF ELECTROMAGNETICALLY REGULATING THE OUTPUT OF COMPRESSORS

Alfred Hoerbiger, Mauer, near Vienna, and Friedrich Schabetsberger, Vienna, Austria

Application August 22, 1936, Serial No. 97,456
In Germany February 24, 1936
2 Claims. (Cl. 137—139)



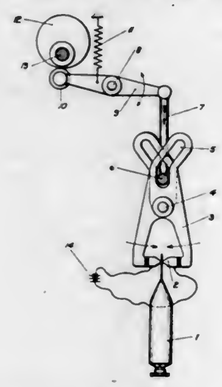
1. In the operation of an electromagnetically controlled valve actuating mechanism for a fluid piston compressor having a suction valve normally closed by a resilient force and further having an electromagnet with a single actuating winding adapted when energized to apply to said valve a pushing force tending to open the same, the method of electromagnetically regulating the compressor load which consists in applying to the magnetic circuit of said electromagnet at the beginning of the compression stroke of said piston a magnetomotive force in one direction of magnitude sufficient to produce an opposing attractive force greater than said normally closing resilient force and then maintain said valve open, reversing said magnetomotive force at an instant intermediate of the compression stroke of said piston, and maintaining the pushing force exerted by said electromagnet on said valve at all times less than the fluid pressure exerted against said valve at the end of its compression stroke with said valve closed.

2,132,071

SEALING COLLAPSIBLE TUBES

Bror Emil Johnson, Alsten, Sweden, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden, a joint-stock company of Sweden

Application March 3, 1936, Serial No. 66,930
In Sweden March 4, 1935
3 Claims. (Cl. 219—10)



3. The method of sealing the flattened end portions of collapsible metal tubes having their end walls in contact with each other for a substantial distance from the end to be sealed comprising passing an electrical current through the flattened end walls of a tube in the direction transverse to the flattened end portion, along a line extending transverse to the longitudinal axis of the tube and lying in the plane of the flattened end portion to produce heat by resistance to melt the metal of the tube along said line, transmitting heat to the flattened portion of the tube adjacent the said line from an angle at each side to melt the metal of the flattened portion of the tube for a distance from said line, whereby a beading of molten metal forms at the end and along the sides adjacent said end of the flattened portion of the tube, and cooling said molten beading to solidify the molten metal and seal the tube end.

2,132,072

FORMATION TESTER

Mordica O. Johnston, Los Angeles, Calif.

Application July 1, 1935, Serial No. 29,198
6 Claims. (Cl. 166—1)

1. A formation tester adapted to be lowered into a well bore while supported upon a drill string, said drill string acting to receive a fluid sample from the formation, a barrel rigidly secured to the lower end of said drill string, a mandrel slidable within the lower end of the barrel, means limiting the downward movement of the mandrel within the barrel and whereby the mandrel may be lifted with the barrel, a packer carried upon the mandrel, said mandrel and packer being formed with a longitudinal passageway communicating with the barrel, spring means acting to yieldably maintain the mandrel in its lowermost position with relation to the barrel, a main valve structure mounted within the barrel and adapted to control the upward flow of fluid therethrough, said valve including a valve sleeve fixed with relation to the barrel, and a valve stem longitudinally movable within the sleeve, the lower end of the valve stem being disposed in a position to encounter the upper end of the mandrel when the mandrel moves into the barrel whereby to open the valve, spring means acting to maintain said valve closed when the pressure delivered by the mandrel is relieved from the valve stem, a trip valve mounted within the barrel above the main valve and independently thereof,



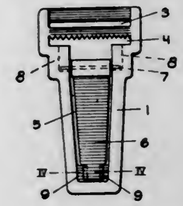
said valve comprising a ported sleeve fixed within the barrel and a slidable valve stem mounted therein, spring means normally holding the valve in its closed position and adapted to permit the valve to open when a weighted member is dropped through the drill stem, and means automatically locking the valve in its opened position.

2,132,073

SUSPENDER CLIP

Nils Osvald Jönsson, Malmo, Sweden

Application July 6, 1937, Serial No. 152,215
In Sweden July 9, 1936
4 Claims. (Cl. 24—263)



1. A clip for stocking and sock suspenders and the like, comprising an elongated plate adapted to be secured at one end to a suspender or the like and provided with a longitudinal opening, bevelled portions on said plate projecting into the opening therein at the other end thereof, a tongue, and means for mounting one end of said tongue in said longitudinal opening for swinging movement about a transverse axis adjacent the end of the plate secured to the suspender and for limited longitudinal movement, said tongue being of a length such that its free end will swing clear of the beveled portions projecting into the opening when said tongue is at one limit of its longitudinal movement and to engage said bevelled portions when at the other limit of its longitudinal movement and cooperate therewith to grip a stocking or sock to be supported.

2,132,074

TREATMENT OF DIRECT DYESTUFFS

Valentin Kartaschoff and Fritz Aeschlimann, Basel, Switzerland, assignors to the firm Chemical Works formerly Sandoz, Basel, Switzerland

No Drawing. Application October 22, 1935, Serial No. 46,211. In Switzerland November 1, 1934

5 Claims. (Cl. 8—74)

1. A process for improving the fastness of dyeings with direct dyestuffs, comprising treating such dyeings with a water-soluble condensation product, involving the configuration

$$[—NH—CH_2—CHOH—CH_2—]_x$$

wherein X represents a whole number greater than one.

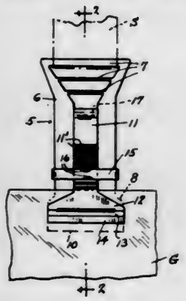
2,132,075

GARMENT CLASP

Harry P. Keefer, Alliance, Ohio, assignor of fifty percent to E. G. Axelrod, Alliance, Ohio

Application January 13, 1937, Serial No. 120,438

2 Claims. (Cl. 24—251)



1. A garment clasp of the character described comprising a body member of platelike form and having a number of spaced openings in its upper part, the top wall of the top opening and the top edge of the member forming between them a bar for receiving a looped part of a garment, the bottom wall of said opening and the top wall of the next opening forming between them a cross bar, a flat lever member having its upper end pivoted to said cross bar, the lower part of the platelike member having a U shaped transverse bend therein, forming a female jaw and the lower part of the lever having a similar bend therein forming a male jaw, said bends extending in the same directions, whereby the male jaw can enter the female jaw, and a straplike member having its ends bent into hook shape to slide on the edge portions of the first member with its major portion extending over the lever, the edge parts of the straplike member, at the center thereof, being bent outwardly to form finger grips and the lower opening being extended to partly receive a part of the lever.

2,132,076

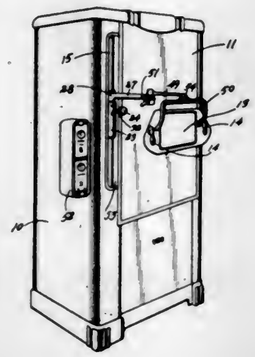
FLUOROSCOPIC APPARATUS

Leo C. Kotraschek, New York, N. Y., and Henry C. Brunst, Covington, Ky., assignors to The Kelley-Koett Manufacturing Company, Inc., Covington, Ky., a corporation of Ohio

Application October 7, 1935, Serial No. 43,818

5 Claims. (Cl. 250—34)

1. A fluoroscopic apparatus comprising a case, an X-ray tube within said case, a panel transparent to X-rays in the front of the case having a long opening adjacent the longer edge of said panel and parallel thereto, a rail behind said opening and parallel thereto, a movable sleeve on said rail, a primary arm and screen adapted to support a fluorescent screen pivotably mounted on said sleeve and extending thru said long opening, a gear sector on that end of said arm adjacent said sleeve, a plurality of rails supporting said X-ray tube, said rails extending substantially at right angles to said first mentioned rail, an X-ray tube supporting carriage slidably mounted on said rails, a drive chain parallel to said X-ray tube supporting rails and connected to said carriage, a sprocket mounted on said sleeve and



adapted to drive said chain, another sprocket rotatably mounted on said carriage adjacent that end of said X-ray tube supporting rails which is opposite said first mentioned rail, said sprocket also carrying said chain, means for said chain to drive said carriage and a gear mounted on said sleeve adjacent to said first mentioned sprocket and meshing with the gear sector on said arm whereby rotation of said gear sector will actuate said sprocket and said chain to cause a movement of said carriage and said X-ray tube on the rails supporting them and means for elevating said X-ray tube simultaneously and coextensively with an elevating movement applied to the screen.

2,132,077

METHOD OF MAKING BLUE-VEINED CHEESE

Clarence B. Lane and Bernard W. Hammer, Ames, Iowa, assignors to Iowa State College Alumni Association, Incorporated, Ames, Iowa, a corporation of Iowa

No Drawing. Application November 14, 1936, Serial No. 110,926

3 Claims. (Cl. 99—116)

1. A method of making blue-veined cheese which involves the homogenizing of the milk intended for cheesemaking at a temperature below 110° F. to prevent the destruction and inhibition of the activity of inherent milk lipases and at a pressure of 1000 to 4000 pounds per square inch to materially break up the fat globules, setting the milk at 90° F. with four ounces of rennet per 1,000 pounds of milk, cutting the curd after approximately one hour, cooking the curd to 92° F. by the addition of hot whey; dipping the curd and the mixing in of mold powder; and completing hooping the curd, salting the cheese and ripening it.

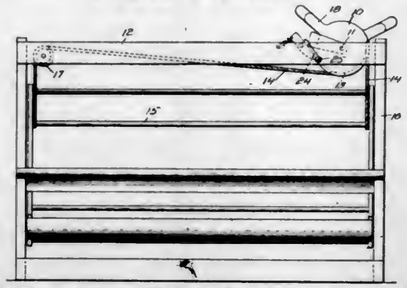
2,132,078

HAND LOOM HEDDLE SHIFTING DEVICE

Leroy R. Linn, Sheboygan, Wis.

Application March 16, 1938, Serial No. 196,276

6 Claims. (Cl. 139—33)



1. In a loom, the combination with heddle frames and horizontal cross bars of a harness frame, of a plurality of axially aligned discs rotatably secured to said bars each disc having a grooved periphery, a pair of cables secured in the groove of the periphery and connected to a respective heddle frame for raising and lowering the frame when the disc is rotated, means carried by said bars and engaging the discs to automatically lock the discs stationary to hold the heddle frames raised, and means for releasing said means simultaneously to permit the heddle frames to gravitate.

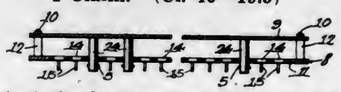
2,132,079

TOOL CHECKING EQUIPMENT AND METHOD OF USING THE SAME

Harry Harrison Miller, Charleston, W. Va.

Application April 5, 1937, Serial No. 135,126

1 Claim. (Cl. 40—19.5)



In a tool checking equipment, a control board including a back plate, a front plate, spacing sleeves removably fastened between the plates, there being columns of designated apertures in the front plate, and means adjacent to each aperture for supporting a check.

2,132,080

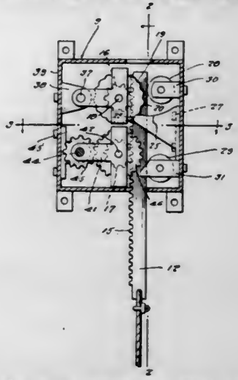
BRAKE APPLYING DEVICE

Stephen N. Nickliss, Laureldale, Pa.

Application October 3, 1936, Serial No. 103,951

5 Claims. (Cl. 74—507)

1. A brake applying device of the character described comprising a handwheel-equipped shaft, a vertical rack bar adapted to rise for applying the brake and subside in releasing the brake, toothed wheel means operatively connecting said shaft and said rack bar, a carrier pivoted adjacent said rack bar and said toothed wheel means, second toothed wheel means carried by said carrier and operatively connected to said rack bar, said second means having a wheel having cam action teeth, and third means engageable by said cam action teeth whereby said wheel and said second wheel means are normally prevented from operating in a rack bar subsiding direction while said shaft is stationary, said carrier is depressed, and the rack bar is under the load of applied brakes, said cam teeth being conditioned to slide over said third means to enable releasing action of second wheel means and permitting subsiding of the rack bar only when said shaft is sufficiently rotated in brake applying direction to release said cam teeth from



said third means by elevating said rack bar and said carrier.

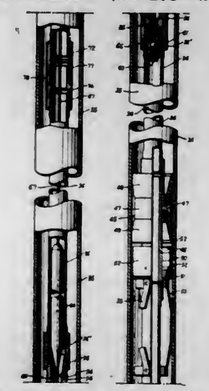
2,132,081

MEANS FOR THE FLOWING OF WELLS

Jeddy D. Nixon, Houston, Tex., assignor of one-half to Wilson Supply Company, Houston, Tex., a corporation of Texas

Substitute for abandoned application Serial No. 79,641, May 4, 1936. This application February 1, 1937, Serial No. 123,444

20 Claims. (Cl. 103—233)



1. A well flowing apparatus including, a tubing for conducting fluids up the well, a valve at the lower portion of the tubing controlling the admission of fluids from the sands to said tubing, means for introducing a lifting fluid into the tubing above said valve and below the liquid level therein, a weighted tool movable throughout the length of the tubing above said valve for engaging and opening the valve, a cable extending vertically in said tubing and suspending said tool, and means on the surface for running the cable and tool from the lower portion of said tubing to the top thereof.

2,132,082

LOADING AND UNLOADING DEVICE

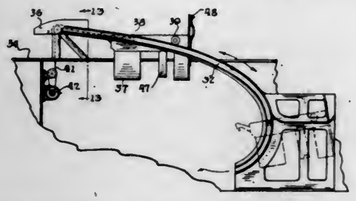
Domenic Oliva, Lincoln, Calif., assignor of forty percent to John Puglise, Roseville, Calif.

Application February 29, 1936, Serial No. 66,485

2 Claims. (Cl. 258—11)

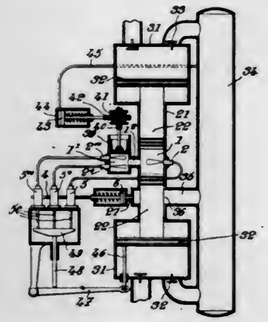
1. In a device of the character described, the combination with a receptacle holding apparatus

and a receptacle receiving apparatus mounted on a vehicle capable of passing beneath said holding apparatus, said receiving apparatus including a



carriage supported on tracks on said vehicle and movable on said tracks to a point within said vehicle.

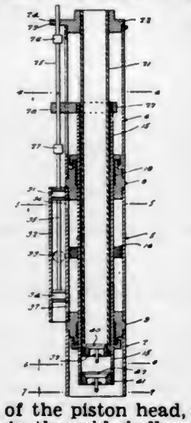
2,132,083
FUEL INJECTION IN FREE PISTON INTERNAL COMBUSTION ENGINES
Raul Pateras Pescara, Paris, France, assignor to Société d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A., Geneva, Switzerland
Application June 1, 1936, Serial No. 82,994
In Belgium June 5, 1935
8 Claims. (Cl. 123—32)



1. An internal combustion engine having a combustion chamber and a piston movable therein, the relative inner dead center position of the piston with respect to the combustion chamber being variable, comprising means for injecting fuel into said combustion chamber, and means for automatically varying the spacial distribution of said fuel in a direction axially of said cylinder within said combustion chamber in response to variations in the inner dead center position of the piston.

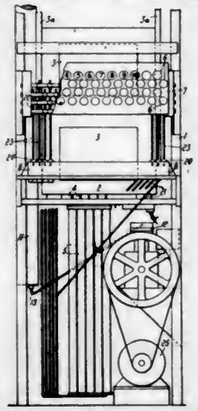
2,132,084
PUMP
David J. Reiss, Houston, Tex.
Application July 6, 1937, Serial No. 152,160
2 Claims. (Cl. 103—46)

1. A well pump comprising a stationary tube provided with a check valve in the lower portion thereof, a piston tube slidably disposed on the stationary tube and having its lower end depending below the valved end of the stationary tube, the lower end of the piston tube provided with a check valve therein, a chamber surrounding the said piston tube, a piston head on the piston tube operative in the said chamber, and a fluid pressure control for the said piston head, said control consisting of a valve shell on the side of the chamber having ports communicating the interior of the shell with the interior of the chamber at



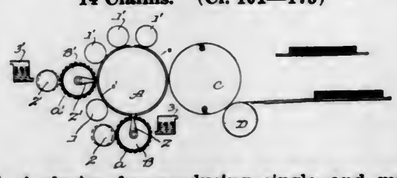
opposite sides of the piston head, and valve pistons operative in the said shell.

2,132,085
ADVERTISING, INDICATING, AND DISPLAYING DEVICE
Nicholas Sandor and Felix Edward Laszlo Sandor, Surbiton, England, assignors to I. S. M. Limited, London, England
Application December 15, 1937, Serial No. 180,014
In Great Britain September 30, 1936
6 Claims. (Cl. 40—37)



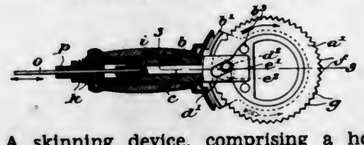
1. A display device comprising a cabinet, an observation window in said cabinet, a plurality of frames said frames containing cards to be displayed and being disposed laterally of said observation window and movable in said cabinet, said cards disposed in two tiers one card above the other, a plurality of keys corresponding to the display cards, a plurality of fluid motors associated with said frames for moving said frames in the said cabinet, a plurality of valves for controlling the supply and exhaust of fluid to and from said fluid motors, said valves operable by said keys and means associated with some only of said keys ensuring stoppage of the movement of the frames associated with said keys when one card of a tier is opposite the observation window, others of said keys serving to move the frames to the full extent to display the other cards of the tiers.

2,132,086
PRINTING APPARATUS
Max Friedrich Scheffler, Munich, Germany
Application February 11, 1938, Serial No. 190,096
In Germany December 28, 1935
14 Claims. (Cl. 101—175)



1. A device for producing single and multi-colour copper prints—steel-plate engraving—by means of only one printing comprising a plate cylinder carrying a printing plate upon which all parts of the design are inked in through stencil cylinders, the number of which corresponds to the number of colours, and stencil cylinders in rolling contact with the printing plate, each stencil cylinder containing that part of the design which corresponds to the respective colour.

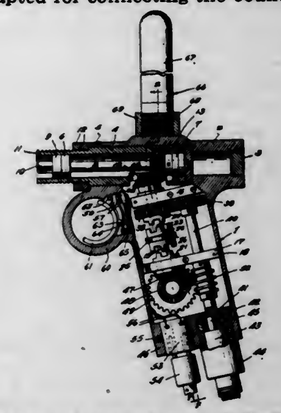
2,132,087
SKINNING DEVICE
Richard Karl Schmid and Walter Paul Wezel, Maulbronn, Germany
Application May 7, 1936, Serial No. 78,478
3 Claims. (Cl. 30—276)



1. A skinning device, comprising a housing having a handle portion, knives journalled in said housing, a reciprocating drive shaft journalled and movable longitudinally in said housing, a fork on the working end of the shaft and having oppositely inclined slots, and means arranged on the knives for engaging the slots so that the reciprocating motion of the shaft will be converted into an oscillatory rotational motion of the knives.

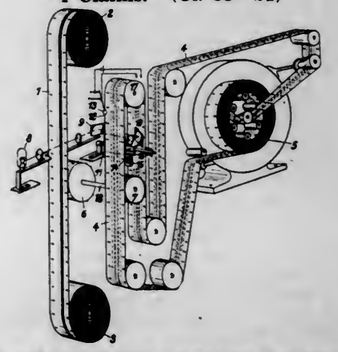
2,132,088
SPEED CHANGING MECHANISM
John E. Torbert, Jr., National City, Calif.
Original application March 4, 1936, Serial No. 67,146. Divided and this application September 10, 1936, Serial No. 100,183
3 Claims. (Cl. 77—7)

1. In a speed changing mechanism, a handle defining a housing, a head carried by the handle and having a bore, a tubular shaft housing in the bore, a shaft in the housing, a countershaft in the handle, means rotatably mounting the countershaft in said handle, clutch sleeves rotatably mounted on said countershaft, a movable clutch sleeve slidable on the countershaft and fixed to rotate therewith, means carried by the handle for shifting the movable clutch sleeve, a drive shaft carried by the handle, a flexible shaft operatively connected with the drive shaft, a worm carried by the drive shaft near its lower end, a gear carried by the shaft at its upper end, a gear carried by one of the clutch sleeves and adapted to engage said first mentioned gear, means rotatably connecting the worm with the other of said clutch sleeves, and means for imparting rotation from the countershaft to the first mentioned shaft, said movable clutch sleeve being adapted for connecting the countershaft to



one of said clutch sleeves for relatively slow rotative movement or to the other of said clutch sleeves for relatively fast rotative movement.

2,132,089
APPARATUS FOR PRINTING PHOTOGRAPHIC SOUND RECORDS
Dénes von Mihály, Berlin-Wilmersdorf, Germany, assignor of six-tenths to the firm Julius Pintsch Aktiengesellschaft, Berlin, Germany
Application March 21, 1935, Serial No. 12,326
In Germany June 16, 1934
4 Claims. (Cl. 88—24)

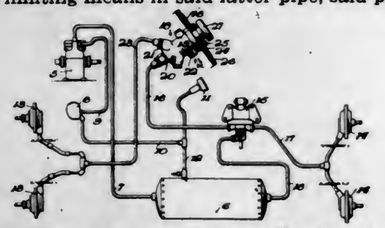


1. In a film printing apparatus, a primary film having sound records recorded thereon, a source of light for passing a beam of light through said records, an endless strip of secondary film, means for deflecting said beam after the same has passed through said primary film, means for moving said secondary film continuously through said deflected beam, and means for shifting the position of said deflecting means transversely to the direction of movement of said secondary film.

2,132,090
BRAKE MECHANISM
Stephen Vorech, Pittsburgh, Pa., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa., a corporation of Delaware
Application May 31, 1935, Serial No. 24,442
7 Claims. (Cl. 188—152)

7. In a fluid braking system for a vehicle including a pair of front brake members, a pair of

rear brake members, a pipe connecting the front brake members together, a second pipe connecting the rear brake members together, a single pressure producing means, a pipe connecting said pressure producing means with said rear connecting pipe, a pipe connecting said pressure producing means with said front pipe and a pressure limiting means in said latter pipe, said pressure limiting means comprising a housing, a normally open valve in said housing, means carried by the housing and operable under a predetermined pressure of fluid within the housing to cut off the flow of fluid therethrough to thereby provide a differential pressure for the front and rear brake members, and means operable at will by the operator of the vehicle to tension said lattter means.



2,132,091

METHOD OF PRODUCING YEAST MASH

Casey J. Wilken, Sunset Hills, Va.

No Drawing. Application April 15, 1937, Serial No. 137,117
5 Claims. (Cl. 99—51)

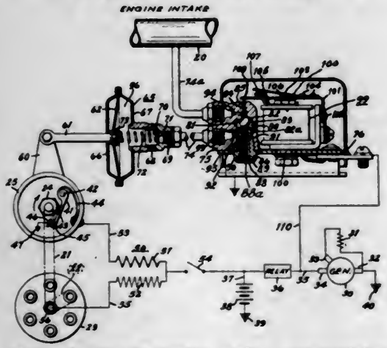
1. In the making of a mash for whisky distillation by the herein described method which comprises forming a yeast mash from rye meal and barley malt meal and water, allowing this to stand at about 122° F. to about 128° F., for about 24 to about 48 hours to develop lactic acid therein, pasteurizing the yeast mash and thereafter fermenting by distillers' yeast, the improvement which comprises adding a small percentage of fresh unpasteurized milk to the pasteurized yeast mash, and allowing to stand for about 1 hour to about 6 hours, prior to the step of adding a culture of distillers' yeast to the yeast mash.

2,132,092

IGNITION APPARATUS

James L. Arthur, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application March 14, 1936, Serial No. 68,818
3 Claims. (Cl. 137—139)



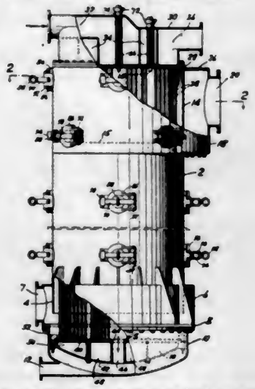
1. An electromagnetic valve comprising, in combination a flat base, a magnet core perpendicular to the base, a magnet coil surrounding the core, a magnet armature hingedly supported at one side of the coil and extending over the core to the opposite side of the coil, a valve structure attached to the base on said opposite side of the coil and having a valve operating rod extending parallel to the magnet core and adjacent the free end of said armature, a leaf spring attached to the armature, a bendable abutment member against which the spring bears to bias the spring, to urge the armature away from the core, said abutment member being attached between the coil and the head of the core, and a stop member to limit movement of the armature away from the core, the bending of the abutment member varying the amount of magnetic flux necessary to attract the armature to move the valve member.

2,132,093

LIQUID HEATER

Clement K. Bennett, Philadelphia, Pa., assignor to C. H. Wheeler Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania

Application January 14, 1937, Serial No. 120,533
8 Claims. Cl. 257—225)



8. A heat exchange apparatus comprising an outer shell, a passage for the introduction of gas into the shell, a series of tubes extending longitudinally within the shell, and connections between groups of tubes to provide a multiple pass arrangement, said connections including means joining the lower ends of the tubes provided with a central wash-out port, the groups of tubes forming the passes being concentrically arranged vertically within the shell, said tubes being arranged in groups with vertically clear radial passages between the groups of the outer passes, and openings in said shell aligned with the passages for the introduction of washing liquid to force accumulated material from the tubes into said passages, the group of tubes forming the innermost pass surrounding a vertical space, clear of tubes, aligned with said wash-out port.

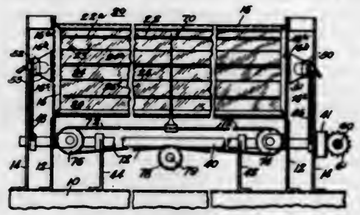
2,132,094

MULTIBAND INDICATOR

Lynn Brodton, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application June 30, 1936, Serial No. 88,177
9 Claims. (Cl. 116—124.1)

1. In a device of the class described, a plurality of translucent scale bearing members joined in edge-to-edge relation with interposed layers of opaque material therebetween, the surfaces of said members forming a continuous surface corresponding to more than two adjacent



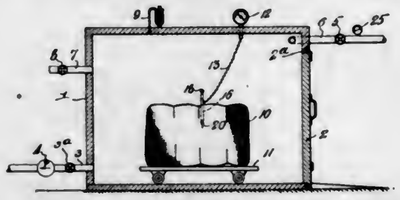
sides of a surface of a polygon having more than four similar sides, and means for mounting said continuous surface in fixed position and with said scale bearing members presented to be viewed simultaneously.

2,132,095

METHOD OF CONDITIONING FIBROUS MATERIAL

Geoffrey Broughton, Rochdale, England

Application January 22, 1937, Serial No. 121,912
9 Claims. (Cl. 34—24)



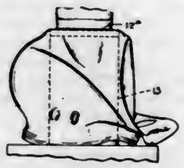
1. Method of treating cotton, comprising subjecting the cotton to a pressure of less than 50 mm. (of mercury) absolute.

2,132,096

DEPOSITED RUBBER AND LIKE ARTICLE AND METHOD FOR MAKING SAME

Elmer C. Brueggeman, Akron, Ohio, assignor to Seiberling Latex Products Company, Barberton, Ohio, a corporation of Ohio

Application August 6, 1937, Serial No. 157,654
2 Claims. (Cl. 18—58)



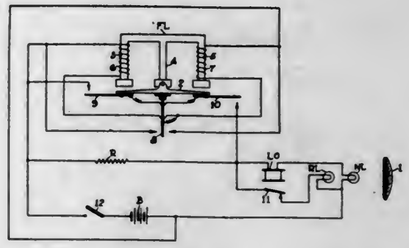
1. That method for making deposited rubber or like articles comprising providing a form with one or more smooth rounded recesses therein having rounded edges at the surface of the form and circumscribing or defining areas in which openings are desired in a wall or walls of the articles, depositing rubber on said form whereby it will flow into said recesses to form smooth rounded ribs on the article, removing the article thus formed from the form, and thereafter cutting openings through said articles within said circumscribing ribs.

2,132,097

FLASHING LIGHT SIGNAL

Stanley C. Bryant, Des Plaines, Ill., assignor to General Railway Signal Company, Rochester, N. Y.

Application September 8, 1934, Serial No. 743,232
2 Claims. (Cl. 177—329)



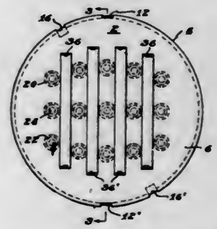
2. In a flashing light signal, in combination, a normal operation lamp, a reserve lamp, a single wound light-out relay, a separate resistance, a source of electrical energy, a control switch, a circuit including in series, the control switch, the source, the normal lamp, the entire winding of the relay, and the resistance, the circuit being of such a resistance that the relay armature is held up but the normal lamp is not effectively energized, electro-magnetically operated contact means energized through said control switch for automatically and intermittently making and breaking a shunt around the separate resistance whereby the normal lamp is effectively energized when the resistance is shunted out of the circuit, the resistance being connected directly across the said contact means to minimize arcing at said contact means, the reserve lamp being connected in multiple with the normal lamp and the relay winding through a back contact of the relay, whereby to replace the normal lamp upon failure of the normal lamp, and whereby, following a failure of the normal lamp, the manual replacement of the normal lamp by a new lamp, automatically restores the system to normal operation.

2,132,098

INSULATING PANEL AND CLOSURE

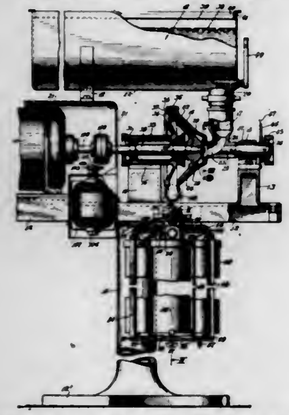
Buell E. Clatworthy, Haddon Heights, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application August 31, 1936, Serial No. 98,833
3 Claims. (Cl. 247—26)



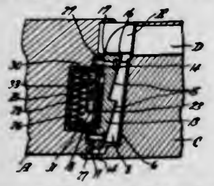
2. An insulating closure for electrical-unit receptacles, said closure having a plurality of recessed knock-out sections arranged in spaced parallel rows in the inner surface thereof, and a plurality of spaced parallel ridges on the outer side of said base between said rows of knock-out sections.

2,132,099
METHOD OF AND APPARATUS FOR PURIFYING DAIRY PRODUCTS
Charles Doering and Henry Doering, Chicago, Ill.
Application August 23, 1934, Serial No. 741,103
4 Claims. (Cl. 210—183)



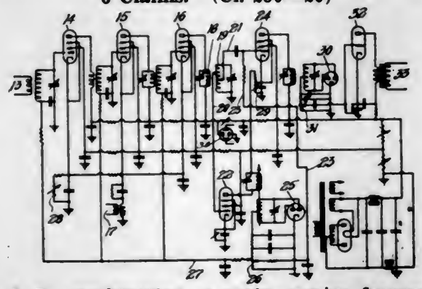
2. A method of treating milk and other lactic products containing fat globules for the purpose of homogenizing and purifying the same, which consists in first subjecting said material to a vigorous homogenizing action for the purpose of homogenizing said material and simultaneously raise its temperature under control due to said action, to thereby improve the condition of the fatty globules for subsequent filtering operation, and which treatment consists in immediately thereafter subjecting such material to a filtering action while at the increased temperature occasioned by said first treatment, substantially as described.

2,132,100
AUTOMOBILE DOOR DOVETAIL
David W. Dougherty, Wayville, Adelaide, South Australia, Australia
Application June 17, 1937, Serial No. 148,708
2 Claims. (Cl. 16—85)



1. In a device of the kind described for mounting upon a door hinged vertically at one side to close horizontally upon a jamb at the opposite side, a fixed dovetail plate on the door having flanges turned outwardly from the upper and lower margins of the plate and converging towards the inner side of the door, a mounting plate secured over a recess in the jamb, this plate having a vertically elongated slot adjacent its outer end and opening into the recess in the jamb, a block rigidly mounted on the mounting plate, this block having at its inner face next the mounting plate a flat recess opening out at top and bottom and communicating at its outer side with the slot of the mounting plate, a movable dovetail plate having a narrowed central portion and being mounted thereby thru the recess in the block, this plate having out-turned flanges at its upper and lower margins converging towards one side complementally to and in alignment with the flanges of the fixed dovetail of the door, this movable plate having also a spring lug turned from the outer margin of its narrowed portion thru the slot of the mounting plate into the recess in the door jamb and having a pair of guide ears turned outward from the plate for slidable engagement with the sides of the block, and expansion springs mounted within the recess in the jamb and braced between the spring lug of the movable dovetail plate and the opposite end of the jamb, whereby the movable dovetail is pressed resiliently outward, the slot of the mounting plate and the recess of the block being wide enough to permit limited horizontal movement of the movable dovetail.

2,132,101
CARRIER WAVE SYSTEM COMPENSATED AUTOMATIC GAIN CONTROL
Harold F. Elliott, Palo Alto, Calif.
Application December 19, 1933, Serial No. 703,054
6 Claims. (Cl. 250—20)



3. In combination, a main carrier frequency amplifier with input and output circuits and gain control means, a governor comprising a carrier frequency amplifier followed by a diode rectifier with input and output circuits, connections from the input of the governor amplifier to the output of the main carrier frequency amplifier, connections from the rectifier output to the gain control means, a carrier frequency compensator comprising input and output circuits and a variable gain electronic tube having in combination with the potentials applied thereto an input-output characteristic whose slope is inversely proportionate and complementary to the slope of the input-output characteristic of the main carrier frequency amplifier and governor, connections from the compensator input to the main carrier frequency amplifier output, connections from the rectifier output to gain control means in the compensator, a constant level detector connected to the output of the compensator and an audio frequency amplifier connected through a volume control to the output of the detector.

2,132,102
COVER FOR CAVITIES
William Elmenthaler, Cleveland Heights, Ohio
Application February 17, 1936, Serial No. 64,205
2 Claims. (Cl. 108—30)



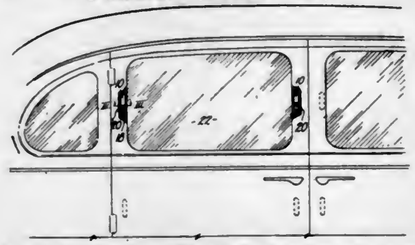
1. A cover for a roof gutter comprising a screen and a binder on the margin of the screen for support thereof relative to the gutter; said screen made light of weight and having waves formed therein above the binder to permit wind to reach the underside of the waves for removal of material from the top of the waves by the wind reaching the underside of the waves.

2,132,103
WEATHER STRIP
Joseph F. Fauner, Irvington, N. J.
Application June 23, 1937, Serial No. 149,878
2 Claims. (Cl. 20—69)



1. In a resilient weather strip construction, a resiliently mounted female member comprising a reinforcing rib formation and a pocket-like structure opposite thereto, said structure having a resilient, substantially bayonet-shaped retaining element consisting of spaced and looped surfaces, rendering it resilient, cushioning means extending from said female member and arranged substantially below said pocket-like structure, and a resilient male member comprising a substantially spirally looped structure in engagement with said pocket-like structure of the female member, the inner contacting faces of the male and female members being constructed and arranged so as to remain under constant tension relative to one another, said rib formation of the female member serving as limiting stop for the sidewise movement of said male member.

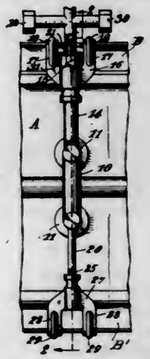
2,132,104
VEHICLE WINDOW SILENCER
William E. Froeliger, Lawrence, Kans.
Application July 15, 1937, Serial No. 153,764
8 Claims. (Cl. 296—44.5)



1. In an automobile body having a grooved window casing and a flexible window glass guide channel positioned therein, the combination of a silencer clip comprising a relatively short, U-shaped body embracing the said channel, positioned within the groove of the window casing and formed to exert inward pressure against the guide channel at opposed points on the sides thereof said body having outwardly directed edges at one end thereof and along three sides of the guide groove for engaging the window casing.

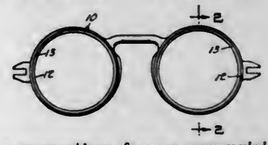
2,132,105
MUSICAL TUNING DEVICE
William D. Gladstone, New York, N. Y., assignor to The Fred. Gretsch Manufacturing Co., Brooklyn, N. Y., a corporation of New York
Application July 25, 1936, Serial No. 92,478
11 Claims. (Cl. 84—411)

1. In a drum tuning device, in combination, a supporting member fixedly attachable to the side of a drum, a tightening member detachably engageable with a counterhoop of a drum, a rotatable adjusting tie rod having a shoulder in abutment with one of said members and having threaded adjusting engagement with the other one of said members, another tightening member detachably engageable with the other counterhoop of a drum, a rotatable adjusting tie rod extending between said latter tightening member and said supporting member and having a shoulder in abutment with one of these members



and having threaded adjusting engagement with the other one of these members, one of said rods having an end portion positioned to be accessible from the outer end of one of said tightening members and by means of which this adjusting rod can be individually rotated, and an end extension upon the other said rod having an end portion positioned to be accessible from the outer end of the same said tightening member from which said rod end portion is accessible and by means of which this said other adjusting rod can be individually rotated.

2,132,106
OPHTHALMIC MOUNTING
Philip J. Graham, Leominster, Mass., assignor to Fosgood Corporation, Leominster, Mass., a corporation of Massachusetts
Application June 20, 1936, Serial No. 86,303
3 Claims. (Cl. 88—47)

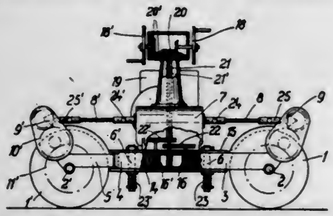


1. A lens mounting frame comprising a body of plastic material formed to provide an inwardly extending lens supporting shoulder, and an internal wall disposed at substantially right angles to the shoulder, said wall being free of internal strain and of sufficient height to afford a securing means when the same is bent inward over a portion of a lens supported on said shoulder.

2,132,107
ROAD ROLLER
Alois Hamm, Tirschenreuth, Germany
Application April 10, 1937, Serial No. 136,167
In Germany September 23, 1935
12 Claims. (Cl. 94—50)

1. In a road roller, the combination of at least two rolling drums, an axle and a substantially horizontal axle-holder for each of said drums, said axle-holders being arranged substantially at

one side of their associated drums so as to face each other, a guiding member on top of said axle-holders and between said drums for holding said axle-holders in a substantially horizontal plane, said axle-holders being movably connected to said



guiding member so as to be rotatable relatively thereto, and an individually controllable gear for each of said drums on said guiding member for altering the positions of said axle-holders, independently of each other, relatively to said guiding member.

2,132,108

DEWAXING PETROLEUM OILS

Eugene C. Herthel, Flossmoor, Ill., assignor to Sinclair Refining Company, New York, N. Y., a corporation of Maine

No Drawing. Application July 5, 1934, Serial No. 733,857

9 Claims. (Cl. 196—18)

1. In the dewaxing of petroleum oils, the improvement which comprises diluting the oil with a composite diluent comprising a high boiling alkyl ester boiling within the range 185°–315° F., said ester being miscible with the oil to be dewaxed, and a major proportion of a volatile hydrocarbon diluent of boiling range lower than that of the oil to be dewaxed.

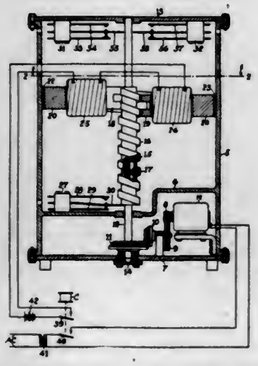
2,132,109

TIME ELEMENT RELAY

Forest B. Hitchcock, Greece, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application March 16, 1935, Serial No. 11,517

13 Claims. (Cl. 175—375)



8. In a time measuring circuit control mechanism, a stationary helical field, a rotatable helical armature coacting with said field and longitudinally movable, means for at times energizing said field whereby magnetic threads provide the tractive force for longitudinally moving said armature when it is rotated, a substantially constant speed driving means for rotating said armature, and contacts operated by the longitudinal movement of said armature.

2,132,110

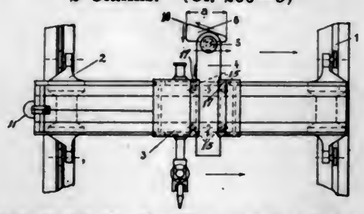
APPARATUS FOR SURFACE HARDENING METAL ARTICLES

Hermann Holler, Frankfort-on-the-Main, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

Application December 17, 1935, Serial No. 54,923

In Germany December 29, 1934

2 Claims. (Cl. 266—5)



1. Apparatus for heating metal articles, particularly toothed wheels by means of the blow pipe flame for the purpose of subsequent hardening, which comprises a burner carriage movable parallel to the surface to be heated, an arm slidably mounted on the carriage and movable towards and from the article, a fixed cam plate, and a driving wheel carried on the arm, means for rotating said driving wheel with a constant velocity, a magnetic device connected with the wheel in such a manner as to constrain the driving wheel to follow the cam contour, and thereby to move the burner parallel to the surface to be heated at a velocity determined by the shape of the cam plate.

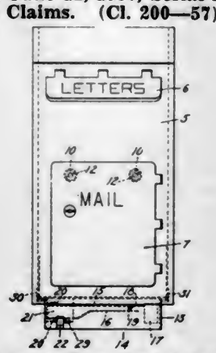
2,132,111

SIGNALING MAIL BOX

John R. Honegger, Plainfield, N. J.

Application June 11, 1937, Serial No. 147,669

4 Claims. (Cl. 200—57)



1. A signal controlling device for a mail box combining a mail box proper; a support therefor; means for resiliently mounting said box to said support, said means affording a limited amount of bodily movement of said box relative to its support incident to the manual act of delivering mail; and switch means secured to said mail box proper and actuated by the said bodily movement of said box when the latter is manually moved during the act of delivering mail, said actuation continuing for a predetermined period of time.

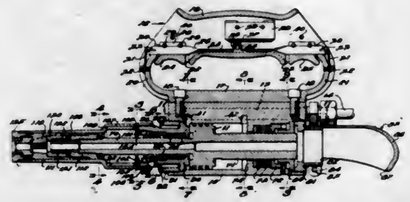
2,132,112

RIVETING MECHANISM

Louis C. Huck, Buchanan, Mich., assignor to Huxon Holding Corporation, a corporation of Michigan

Application March 6, 1936, Serial No. 67,458

14 Claims. (Cl. 218—19)



1. A machine for setting the type of rivet wherein a pin is pulled partially through a tubular member having a preformed head at one end to form a second head at the opposite end, including, a closed ended cylinder, a piston in said cylinder, a hollow tubular piston rod connected to said piston and extending through both ends of said cylinder, means to engage the rivet pin connected to the piston rod and having an opening therein communicating with the opening through said rod, a combined thrust member and swaging anvil fixedly secured to said cylinder, and means for supplying fluid pressure to said cylinder to effect the head forming operation, swage the preformed head to the pin, and break the pin, said pin engaging member being adapted to discharge said broken pin end through said hollow piston rod.

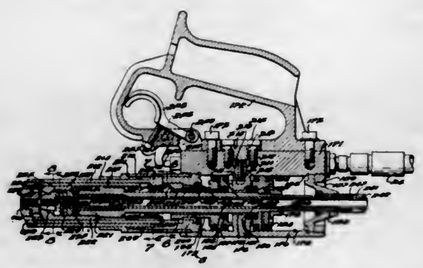
2,132,113

RIVET SETTING MECHANISM

Louis C. Huck, Buchanan, Mich., assignor to Huxon Holding Corporation, a corporation of Michigan

Original application May 14, 1935, Serial No. 21,472. Divided and this application June 22, 1936, Serial No. 86,571

10 Claims. (Cl. 218—19)



1. A rivet setting mechanism comprising cylinder casing, a piston reciprocable in the casing, a tubular piston rod extending through both ends of the casing, a barrel sleeve extending axially from one end of the casing, a jaw enclosing and operating member in the sleeve and connected to one end of the rod, jaws in the member, said jaws and member having cooperating tapering surfaces, and means extending axially through the piston rod and engaging the jaws for manually moving the latter, said means extending beyond the opposite end of the rod for manual manipulation.

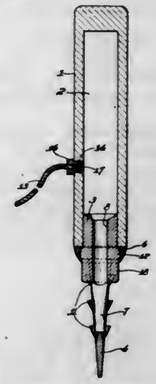
2,132,114

EXPLODING SPLITTING TOOL

Robert B. Hutchison, Pittsburgh, Pa.; Ella J. Hutchison and Mary W. Hutchison, executors of said Robert B. Hutchison, deceased

Application October 21, 1936, Serial No. 106,781

3 Claims. (Cl. 102—6)



1. A splitting tool comprising an explosive-receiving barrel closed at one end and provided with a fuse-receiving port, a member adapted to be driven into an object to be split and having a tubular neck a portion of which telescopes snugly within the open end of the barrel, the wall of the barrel at said open end being substantially perpendicular to the axis of the barrel, the projecting portion of said neck being provided with an integral annular projection forming with the end wall of the barrel an annular substantially V-shape notch, and a weld in said notch connecting said projecting portion to the adjoining end wall of the barrel and enclosing said annular projection, said member being provided with a transverse opening communicating with the outer end of said tubular neck, and the sides of said member being provided with projections.

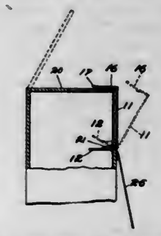
2,132,115

RECEPTACLE CLOSURE

Georgina F. Jonitz, Louisville, Ky.

Application June 26, 1937, Serial No. 150,551

9 Claims. (Cl. 229—47)



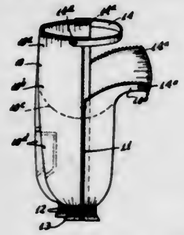
1. A device for releasably retaining the partially severed and thereby hinged lid of a carton closed upon its side walls comprising a strip of material consisting of a body portion having a relatively rigid flange formed at its upper end for overlying and engaging the depressed free portion of the lid to hold it in closed position, and a relatively rigid flange at its lower end adapted to extend inward through a slit in a side wall of the carton said slit being made at such at distance from the lid that when said lower

flange is within the slit and said body portion lies against said carton wall the upper flange will then extend over said lid, the upper edge of the slit in the carton wall which bears on the heel of said lower flange then serving as a fulcrum about which said device may be bodily swung outward thereby releasing the lid.

2,132,116
ALLOY
Henry R. Kiepe, Newark, N. J., assignor to Baker & Company, Inc., a corporation of New Jersey
No Drawing. Application January 29, 1938, Serial No. 187,660
4 Claims. (Cl. 75—172)

1. An alloy containing from one-half of one percent (0.5%) to fifteen percent (15%) ruthenium and from one-half of one percent (0.5%) to fifteen percent (15%) of copper, the remainder being palladium.

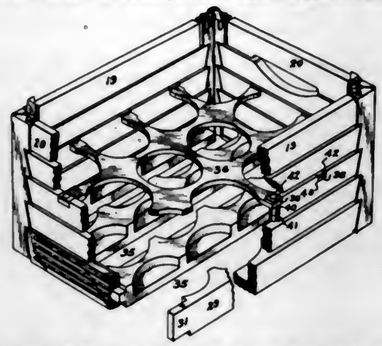
2,132,117
TROUSERS
Samuel R. Korolick, Bath, Maine
Application April 21, 1937, Serial No. 138,126
1 Claim. (Cl. 2—228)



An easily removable trouser comprising material in the form of a pair of trousers having a body portion with a front and rear section, a crotch portion and leg portions, the sides of said pair of trousers being opened from the top of the body portion to the bottom of the leg portions, and fasteners for releasably closing these open sides, a belt for partially engaging around one's body cooperative fastening elements upon the ends of said belt and the top corners of said sections for connecting the ends of said belt with one of said sections, whereby one section is free to be lowered when said fasteners at the sides of said sections are opened, said belt having its ends releasably attached to the corners of said sections and transferable from one section to the other permitting the belt to be opened when it is desired to remove the garment from one's body, and also serving to support one section while the other is lowered.

2,132,118
NONRODDED MILK CRATE
Harold S. Lion and Carlisle G. Rohrer, Cincinnati, Ohio, assignors, by mesne assignments, to The Evans Manufacturing Company, Cincinnati, Ohio, a corporation of Ohio
Application May 4, 1935, Serial No. 19,860
7 Claims. (Cl. 217—65)

1. In a milk crate, or the like, a slatted construction of the side and end walls, a wooden bottle supporting means formed in sections, a pair of said sections constituting oppositely disposed bottom rails of said crate, and other sections thereof being morticed into other bottom rail portions of said crate, said last mentioned



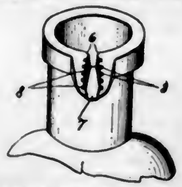
bottom rail sections having a metal housing for strengthening said mortices.

2,132,119
LAMP BURNER
Antonio Menna, Newark, N. J., assignor to Lovell-Dressel Company, Inc., Arlington, N. J., a corporation of Maine
Application March 24, 1936, Serial No. 70,583
3 Claims. (Cl. 67—53)



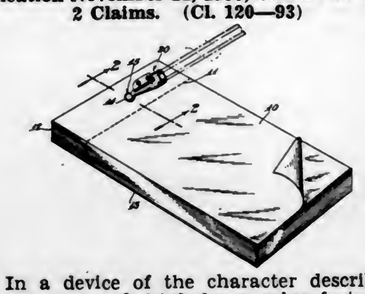
1. In a lamp burner, comprising a wick tube, a flame spreader having upwardly and inwardly inclined side walls and vertical end walls, a transverse partition surrounding said wick tube within said flame spreader and having up-turned end portions engaging said end walls and secured thereto, said partition having up-turned portions at the corners thereof constituting baffles arranged substantially in vertical alignment with the upper edges of said inclined wall portions, and openings in said transverse partition between said baffles and said inclined side walls.

2,132,120
POURING OR DROPPING VESSEL
Sophie Scheyer (née von Pezachowicz) and Sandro Arcari, Munich, Germany
Application July 24, 1937, Serial No. 155,382
In Germany June 3, 1936
9 Claims. (Cl. 221—148)



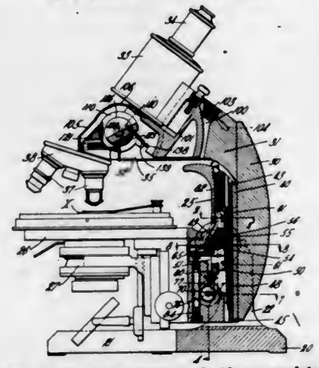
1. In a dropping vessel, a spout, a capillary groove of non uniform depth and width in the spout the bottom of said groove curved like a syphon, and side walls of said groove shaped as to define the narrowest and deepest cross-section of said capillary groove in the region of the highest point of its syphon-curved bottom.

2,132,121
PENCIL SHARPENER
Emma Nudelman, New York, N. Y.
Application November 11, 1936, Serial No. 110,218
2 Claims. (Cl. 120—93)



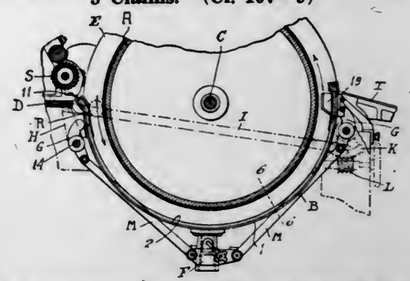
1. In a device of the character described, a base, an open ended tubular member fastened at one end to the rear of the base, a cup member disposed at the front of the base and locked thereto by the other end of the tubular member, and a pencil sharpener separably mounted in said tubular member, said cup being in such proximity to the pencil sharpener as to serve to collect shavings discharged therefrom.

2,132,122
MICROSCOPE
Harvey N. Ott, Buffalo, N. Y., assignor to Spencer Lens Company, Buffalo, N. Y.
Application July 26, 1935, Serial No. 33,221
3 Claims. (Cl. 88—39)



1. In an optical instrument, the combination of an objective, a body member movable relatively to said objective and carrying an ocular system, a relatively stationary frame including a pair of walls having opposed circular bearing recesses of relatively large diameter formed therein, a pair of spaced circular bearing sections on said body member fitting in said bearing recesses and forming therewith a pivotal mounting of adequate size for said body member to enable the same to be turned into different angular relations to said objective, a reflector disposed between said body member bearing sections, oppositely extending pivots on said reflector which are journalled in said bearing sections with their axes coincident with the axes of said sections, and an actuating member movably mounted on said body member and having a part operatively connected to said relatively stationary frame, said member being actuated by pivotal movements of said body member to engage and turn said reflector upon its pivots through one-half the angular displacement of said body member and ocular system relatively to said objective.

2,132,123
COVER FOR DOUGH WORKING SURFACES
Edward T. Parsons, Upper Montclair, and Hilon Willard Sawyer, Nutley, N. J., assignors to Thomson Machine Company, Belleville, N. J., a corporation of New Jersey
Application June 1, 1936, Serial No. 82,905
5 Claims. (Cl. 107—9)



1. A compression plate for dough molding machines comprising a metal plate, and a cover consisting of a strip of fabric having its longitudinal edge portions returned upon the main portion, a layer of unvulcanized adhesive caoutchouc composition between said edge portions and said main portion of a consistency to impregnate the contacting surfaces of said edge portions and said main portion, said cover being laid upon the plate with said edge portions facing the plate, and a layer of unvulcanized adhesive caoutchouc composition of relatively heavier consistency between said edge portions and said plate for securing the cover to the plate.

2,132,124
IDLE TIME KEYING
Harold O. Peterson, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Original application December 23, 1933, Serial No. 703,783. Patent No. 2,055,985, dated September 29, 1936. Divided and this application January 8, 1936, Serial No. 58,055
5 Claims. (Cl. 178—69)

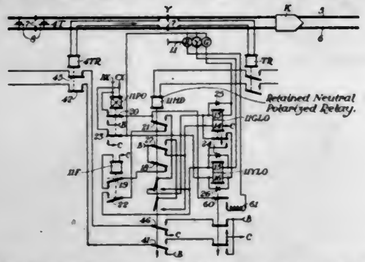


1. In combination, a transmitting printer, a transmission system connected therewith, periodically operated means operatively associated with said printer for causing said printer to transmit idle period impulses at intervals greater than the normal intervals between impulse characters used when said printer is transmitting intelligence bearing signals, the character of said idle period impulses being determined by the last setup of the printer in the transmission of signal message characters, and means for putting said periodically operated means in operation during idle periods.

2,132,125
RAILWAY SIGNALING SYSTEM
George R. Pflasterer, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application June 22, 1937, Serial No. 149,655
9 Claims. (Cl. 246—50)

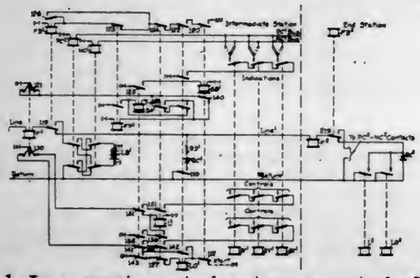
1. In combination, a section of railway track, a signal for said section including a first lamp and

a second lamp, a circuit for energizing said first lamp when said section is occupied, a relay having two windings, one winding of said relay being



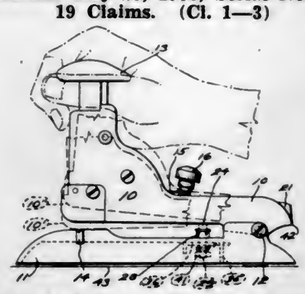
included in said circuit, means for energizing the other winding of said relay when said section is unoccupied, and a circuit for said second lamp including a back contact of said relay.

2,132,126
CENTRALIZED TRAFFIC CONTROLLING SYSTEM FOR RAILROADS
Robert M. Phinney, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.
Application March 30, 1937, Serial No. 133,856
8 Claims. (Cl. 177—353)



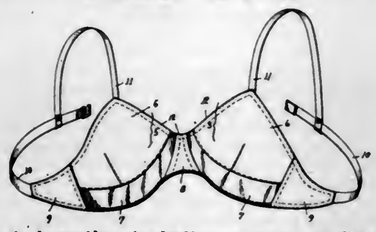
1. In a remote control system; a control office and a plurality of field stations connected by a line circuit; a transmitter at each of said stations for transmitting signals over said line circuit when the transmitter is rendered active; a selecting relay at each of said stations for associating the associated transmitter with the line circuit when the selecting relay is rendered active; a lockout relay at each of said stations having active and inactive positions; means for placing a plurality of said lockout relays in their active positions when the associated stations having signals ready to transmit at the same time; means responsive to the placement of the lockout relay at that one of said stations which is nearest to said office in its active position for energizing said line circuit from the office to said nearest station, said last mentioned means including an electric valve allowing the flow of current in a particular direction and to block the flow of current if the polarity of the source from which it is derived is reversed; means responsive to the energization of said line circuit by the lockout relay at said nearest station for rendering the associated selecting relay active; means jointly controlled by the lockout relay and the selecting relay at said nearest station for rendering the associated transmitter active; and means controlled by the selecting relay at said nearest station for isolating the line extending to a station more remote from said office than said nearest station.

2,132,127
CONVERTIBLE STAPLING IMPLEMENT
Fridolin Polzer, Norwalk, Conn., assignor to The E. H. Hotchkiss Company, Norwalk, Conn., a corporation of Connecticut
Application May 23, 1936, Serial No. 81,389
19 Claims. (Cl. 1—3)



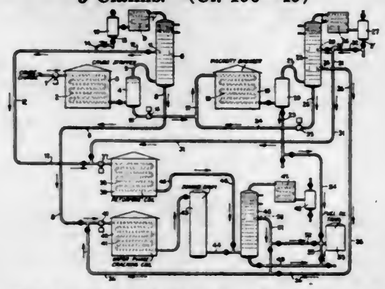
1. In a stapling implement, the combination with an anvil base structure and a superimposed stapling head structure pivotally connected to and overhanging said base structure, of means yieldingly to maintain the head structure poised in a definite position spaced above the base structure embodying a resilient device defining a socket entrance and carried by one of said structures and a cooperatively formed plunger carried by and in movable relation to the other of said structures and projecting therefrom in a manner to support the weight of the head structure, positive means to limit the movement of said plunger in one direction relative to the structure which carries it, and resilient means constructed and arranged to oppose movement of said plunger in the opposite direction relative to the structure which carries it, with a resistive force greater than the force with which said plunger is biased downwardly by the weight of said head structure.

2,132,128
BRASSIÈRE
Henry Rasch, Hohokus, N. J., assignor to Chaincraft, Inc., Hackensack, N. J., a corporation of New Jersey
Application January 27, 1936, Serial No. 60,951
6 Claims. (Cl. 2—42)



1. A brassière including a pair of dished or cup-shaped breast-receiving and breast-sustaining pockets, each of said pockets being formed of a first or upper section and a second or lower section, said sections of each pocket being securely attached together substantially throughout a line of jointure therebetween extending across each pocket to provide a continuous dished surface at the inside of the pocket, said second section of each pocket being generally in the shape of a crescent, and extending generally downwardly and outwardly from the central portion of the brassière, so that each second section extends proximate the inside of a breast received within a pocket and around a lower portion thereof in supporting relationship therewith, said second sections being formed of material characterized by relatively high elasticity adapted to stretch laterally around the body of the wearer, whereby said second sections serve to support the breast in relatively firm manner and yieldably to mold the breasts in such manner that desired uplift and separation of the breasts is effected, said breast pockets being secured together by an insert connecting said second elastic sections of said pockets.

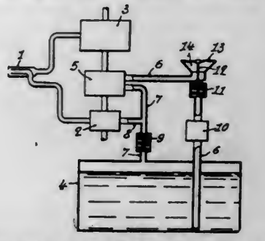
2,132,129
TREATMENT OF HYDROCARBON OILS
Joseph K. Roberts, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application December 5, 1934, Serial No. 756,015
3 Claims. (Cl. 196—49)



1. The process of treating hydrocarbon oils that comprises fractionating crude petroleum into a residue containing heavy gas oil constituents, a substantially completely vaporizable condensate fraction and a gasoline fraction, subjecting said substantially completely vaporizable condensate fraction to vapor phase cracking temperature to effect conversion thereof in the vapor phase, subjecting said residue in a viscosity-breaking zone to moderate cracking conditions to effect a reduction in the viscosity thereof and formation of lighter gas oil constituents and gasoline constituents, separately fractionating the resultant viscosity-broken products to separate out a fraction containing gasoline constituents, combining said fraction containing gasoline constituents with said gasoline fraction obtained from the crude petroleum and subjecting the combined constituents in a reforming zone to a temperature adequate to effect the transformation of gasoline constituents into constituents of increased anti-knock quality, delivering resultant products of the vapor phase cracking and reforming operations to a common fractionating zone, separate from the fractionating zones in which the crude petroleum and viscosity-broken products are fractionated, and subjecting the products to fractionation in the common fractionating zone to separate out as a final product a gasoline distillate of high anti-knock quality.

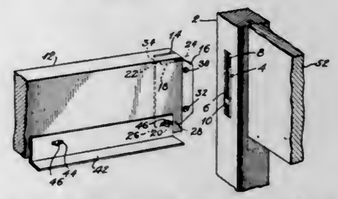
2,132,130
PUMP SYSTEM FOR LIQUID FUEL HEATING PLANTS
Louis Edouard Sallot, Paris, France
Application July 21, 1936, Serial No. 91,713
In France August 2, 1935
4 Claims. (Cl. 103—6)

1. A pump mechanism adapted to supply a liquid fuel sprayer with liquid fuel and air under pressure, comprising in combination a first fuel pump adapted to supply the sprayer with fuel, a second fuel pump adapted to supply the inlet of said first fuel pump with fuel under a constant pressure and to return the excess of fuel to a fuel tank, an air pump adapted to supply said sprayer with air under pressure, the casings of the three pumps forming a single block provided with bearings and both fuel pumps being disposed on the same side of said air pump, driving means, a



shaft supported by said bearings adapted to connect said air pump to said driving means and the three pumps to one another, conduit means between the parts of said shaft situated on either side of said air pump and adapted to bring fuel from one side to the other of said air pump, whereby the part of said shaft situated next said driving means is lubricated by the leakage of fuel from said fuel pumps.

2,132,131
BED
Henry C. Schilling, New York, N. Y.
Application August 5, 1936, Serial No. 94,322
1 Claim. (Cl. 5—294)

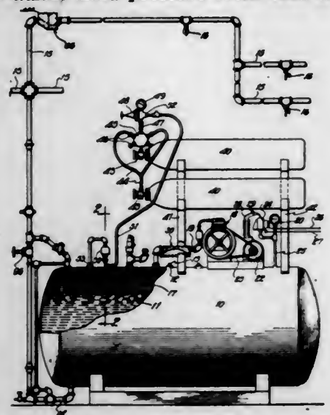


A bed comprising a corner post and a side rail, the side rail being provided with a vertical slot at the end thereof, a plate projecting from said slot, a lateral projection on each face of said plate, said corner post being provided with a vertical slot, a metal U-shaped member in said slot adapted to receive said plate, said U-shaped member being provided with an inwardly and downwardly projecting cut-out portion at different levels in each wall thereof adapted to receive the projections on said plate, thereby to rigidly secure said side rail to said corner plate.

2,132,132
FIRE EXTINGUISHER SYSTEM
Jay Lawrence Seat, Fairfield, Conn.
Application May 14, 1937, Serial No. 142,548
In Great Britain August 9, 1935
5 Claims. (Cl. 137—68)

1. In a fire extinguishing system, the combination with a main storage tank containing fire extinguishing liquid under compressed air pressure, means for maintaining the air pressure in said tank within predetermined limits, an auxiliary fluid pressure pre-charged storage tank connected to said main storage tank, and automatic valve means acting normally to shut off the fluid pressure from said auxiliary fluid pressure

storage tank to said main storage tank and operable to admit fluid pressure from said auxiliary



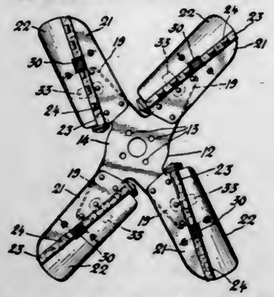
storage tank to said main storage tank when the air pressure in said main storage tank drops below predetermined lower limits.

2,132,133

FAN

Harry G. Smith, Flint, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application April 9, 1936, Serial No. 73,393
11 Claims. (Cl. 170—160)



1. In a screw propeller, a rotatable hub, an arm which is connected to and extends away from the hub at an angle to the axis of rotation of the hub, a vane whose leading edge is connected to the arm by a hinge which extends lengthwise of the arm and whose trailing edge is free to rotate about the axis of the hinge in response to forces applied to the vane as a result of rotation of the hub, means which yieldingly biases the vane to a position in which it is disposed at an angle to the path in which the arm travels, and bearing elements by which centrifugal force which is applied to the vane as a result of rotation of the hub is transferred to the arm.

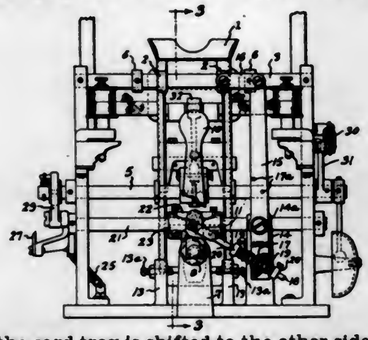
2,132,134

TIME RECORDER MECHANISM

Elmer G. Streckfuss, Cincinnati, Ohio, assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio, a corporation of Ohio

Application November 20, 1935, Serial No. 50,682
10 Claims. (Cl. 234—43)

1. In a time recorder, a laterally shiftable card tray and an operating handle movable toward the right or toward the left of the recorder, mechanism connecting said operating handle with said card tray, whereby as the handle is moved in one direction the card tray is shifted to one side, and as the handle is moved in the other direc-



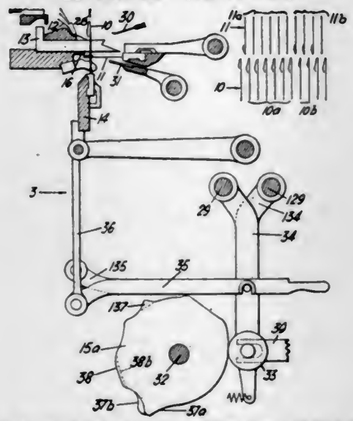
tion the card tray is shifted to the other side, and mechanism connecting the operating handle with the printing mechanism of the recorder, whereby said movement of said operating handle actuates said printing mechanism.

2,132,135

STRAIGHT BAR KNITTING MACHINE

George Taylor, Daybrook, Arnold, Nottingham, England, assignor to Allen, Solly & Company, Limited, Nottingham, England

Application July 30, 1936, Serial No. 93,452
In Great Britain July 31, 1935
16 Claims. (Cl. 66—88)



1. A straight bar rib knitting machine having elements movable in relation to the needles in the production of knitted stitches, and means for effecting differing relative movements between said elements and two simultaneously-knitting groups of needles whereby one group produces rib fabric and the other plain fabric.

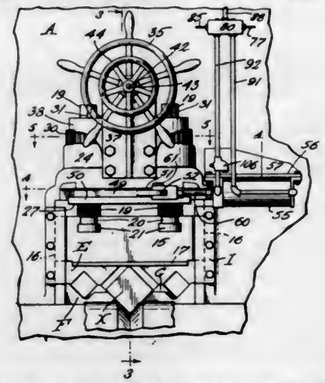
2,132,136

HOLDING OR STRIPPING MECHANISM FOR SHEARING MACHINES

William C. Tucker, Kenmore, N. Y., assignor to Buffalo Forge Company, Buffalo, N. Y.

Application August 4, 1937, Serial No. 157,356
18 Claims. (Cl. 164—52)

1. In a shearing machine having a stationary knife and a movable knife, the combination of a holding mechanism for holding the work in fixed relation to the stationary knife during the cutting operation of said movable knife, including a holding bar guided on said machine for movement toward and from the work, a screw having an end rotatably secured in said bar, a



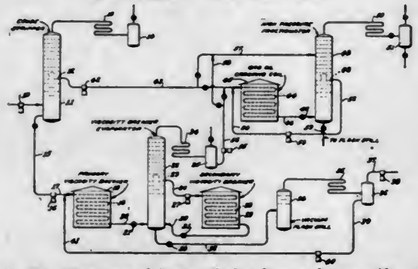
nut having a threaded engagement with said screw and held against endwise movement on a stationary part of said machine, means for turning said screw relatively to said nut for moving said bar toward and from said work, and independent means for turning said nut to move said bar toward and from the work.

2,132,137

TREATING HYDROCARBON OILS

Claude W. Watson, Dobbs Ferry, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

Application December 8, 1937, Serial No. 178,660
4 Claims. (Cl. 196—49)



1. In the cracking of hydrocarbon oils, the process that comprises subjecting crude petroleum in a primary fractionating zone to fractionation to form a residue and a condensate fraction, passing said residue to a primary viscosity-breaking zone wherein the residue is subjected to cracking temperature under conditions to effcet the formation of a high yield of intermediate constituents adapted for conversion into gasoline, directing resultant viscosity-broken products into a viscosity-breaker separating zone, separate from said primary fractionating zone, wherein separation of vapors from residue takes place, passing the separated vapors into a fractionating zone, separate from said primary fractionating zone, and subjecting the vapors therein to fractionation to form a heavy reflux condensate and a lighter fraction comprising said intermediate constituents, passing said heavy reflux condensate to a second cracking zone wherein the heavy condensate is subjected to cracking temperature under conditions to effect the formation of a high yield of intermediate constituents adapted for conversion into gasoline, directing resultant cracked products from the second cracking zone into said viscosity-breaker separating zone so that intermediate constituents separating as vapor therein enter into, and constitute a part of, the aforesaid lighter fraction comprising intermediate constituents, withdrawing liquid residue from said viscosity-breaker separating zone and subjecting it to vacuum distillation in a flashing zone maintained under sub-atmospheric pressure to form a heavy vacuum flash distillate and directing it to said primary viscosity-breaking zone for conversion into intermediate constituents, combining said lighter fraction obtained from the viscosity-broken products with said condensate fraction obtained from the crude petroleum and subjecting the mixture to cracking in a third cracking zone under such conditions of temperature and time of reaction as to sustain a high rate of cracking per pass and effect conversion into gasoline of high anti-knock quality and directing resultant cracked products from the third cracking zone to a final separating zone, separate from the aforesaid separating and fractionating zones, to recover the desired gasoline product.

2,132,138

METHOD OF APPLYING A LUBRICANT COATING TO GLASSWARE

Robert C. Williams and Hugh M. Bone, Columbus, Ohio, assignors to The Ironsides Company, Columbus, Ohio, a corporation of Ohio

No Drawing. Application January 17, 1935, Serial No. 2,198
2 Claims. (Cl. 91—70)

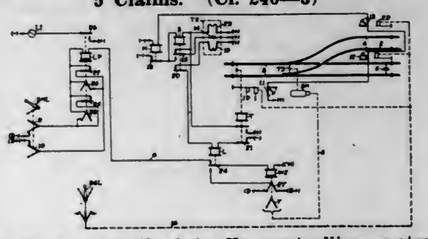
1. The method of treating newly formed articles of glassware such as bottles, tumblers and the like to minimize interfacial abrasion during handling and shipment of such articles, which consists in applying to said articles after annealing and before shipment, while the latter are in a heated condition of the order of 200° F., an emulsified mixture of oil and water with a fatty acid soap.

2,132,139

RAILWAY TRAFFIC CONTROLLING SYSTEM

Sedgwick N. Wight, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

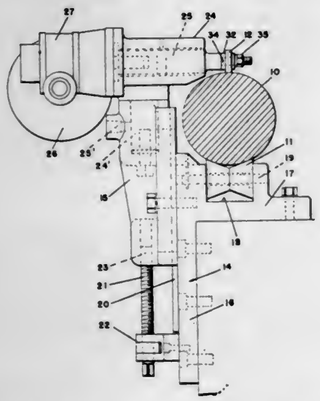
Application July 31, 1934, Serial No. 737,780
5 Claims. (Cl. 246—3)



1. In a centralized traffic controlling system for railroads, a track section, a track switch associated with said section, a control lever, a control circuit distinctively energized in accordance with the position of said lever, switch control means responsive to the actuation of said lever for controlling the operation of said track switch, locking means responsive to specific conditions of said section for locking and unlocking said

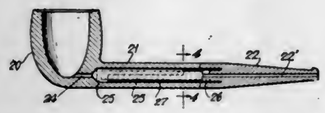
switch control means, a polar neutral relay included in said control circuit, and means including contacts of said polar neutral relay and contacts of said control lever for preventing operation of said switch control means subsequent to the restoration of said locking means to an unlocked condition if said control lever has been moved to a different position while said locking means was effective.

2,132,140
STOCK HANDLING APPARATUS
George F. Yager, Toledo, Ohio, assignor to The Bunting Brass & Bronze Company, Toledo, Ohio, a corporation of Ohio
Application November 29, 1935, Serial No. 52,242
8 Claims. (Cl. 101—3)



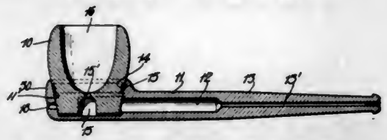
6. In apparatus of the class described, a mounting bracket, an idler roller rotatable about a horizontal axis on said bracket for supporting a stock bar, a frame mounted to move vertically on said bracket beside said roller, a vertical pivot on said frame, a housing mounted to swing about said vertical pivot, a drive shaft journaled in said housing about an axis substantially parallel to the axis of said idler roller, and an indicia applying roll carried by said drive shaft and engageable with the stock bar on said idler roller.

2,132,141
PIPE AND FILTER THEREFOR
Frank M. Ashley, Great Kills, Staten Island, N. Y., assignor to Lewis Gompers, as trustee
Application April 24, 1936, Serial No. 76,146
1 Claim. (Cl. 131—202)



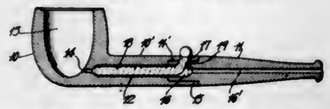
A mouthpiece formed of one piece of material having a shouldered portion with a deep diametral slot at a free end thereof, a bore throughout the length of the mouthpiece, and a filter support embracingly secured about the slotted shouldered portion to strengthen the same and having one side thereof for substantially a greater portion of its length of open formation, the natural width of the opening being the maximum width of the support.

2,132,142
PIPE FOR SMOKING TOBACCO
Frank M. Ashley, Great Kills, Staten Island, N. Y., assignor to Lewis Gompers, as trustee
Application April 24, 1936, Serial No. 76,147
3 Claims. (Cl. 131—202)



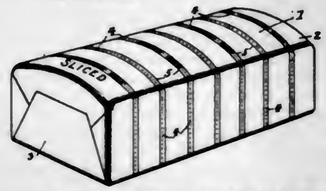
1. A pipe of the character described comprising a mouth-piece and a stem extending therefrom and formed to provide a socket at one end thereof, said stem having a bore formed therein leading to said socket, said socket having formed in its wall a groove constituting substantially half of an annulus, said groove being in permanent open communication with the bore in the stem, and a bowl held in said socket and formed with a chamber for holding tobacco and with a transverse passage formed below said chamber forming a continuation of the bore in the stem and being in open communication with the said groove.

2,132,143
PIPE FOR TOBACCO
Frank M. Ashley, Great Kills, Staten Island, N. Y., assignor to Lewis Gompers, as trustee
Application April 24, 1936, Serial No. 76,149
3 Claims. (Cl. 131—202)



1. A pipe of the character described comprising a bowl, a stem, and a mouth-piece, said stem having a bore formed to receive a filter with the longitudinal axis of the major portion of the filter in parallel relation to the axis of the bore, and having an opening thru which a filter may be inserted in the bore, said stem and mouth-piece constituting means for closing said opening when the filter is removed from the bore without removing the mouth-piece from the stem, said opening being controlled by the rotation of the mouthpiece relative to the stem.

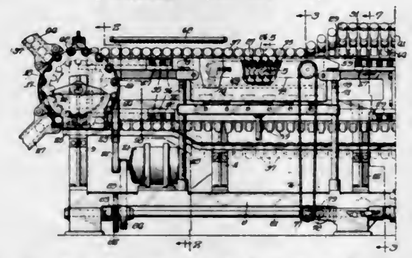
2,132,144
WRAPPER FOR PERISHABLE GOODS
Harry Blum, New York, N. Y., assignor of one-fourth to Herbert J. Jacobi and one-fourth to William J. Jacobi, both of Washington, D. C., and one-half to Harry Blum's Natural Bloom, Inc., New York, N. Y., a corporation of New York
Application December 21, 1936, Serial No. 117,085
16 Claims. (Cl. 229—51)



1. Means for packaging perishable goods comprising a wrapper of transparent or translucent

moisture-proof and air-proof material of dimensions adapting it to enclose a plurality of articles, said wrapper having a portion weakened in position to dispose the same between articles enclosed by the wrapper, and fragile sealing means consisting of set and initially semiliquid material applied to the wrapper in covering relation to the weakened portion thereof.

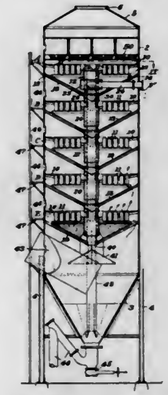
2,132,145
APPARATUS FOR SOLDERING ENDS TO CAN BODIES
Allan M. Cameron, Oak Park, Ill., assignor to Cameron Can Machinery Co., Chicago, Ill., a corporation of Illinois
Application February 3, 1936, Serial No. 62,069
4 Claims. (Cl. 113—73)



1. In a machine for soldering ends to can bodies, the combination of an endless chain conveyor, spaced sprocket wheels rotatable about horizontal axes around which said conveyor is trained, a plurality of can carrying devices pivotally mounted on said conveyor, each of said devices including a rotary spindle, a plurality of can holding dogs mounted on one end of said spindle, said dogs being constructed to engage with an applied can end and support the can assembly from one end only and projecting laterally from said conveyor, means for actuating said dogs into can end engaging and releasing positions, a soldering bath located beneath the path of travel of the cans carried by the upper lap of the conveyor and adapted to apply solder to the juncture of one can end with the can body traveling thereover, means for tilting the soldered bodies relatively to the conveyor to dispose a flange of one of the applied ends in an upwardly inclined position, means for heating the applied solder while the cans are in tilted position, a second solder bath located beneath the path of travel of the cans carried by the lower lap of the conveyor and adapted to apply solder to the juncture of the other end with such body, means for tilting the last soldered ends downwardly, and means for heating the last applied solder when the cans are in said tilted position.

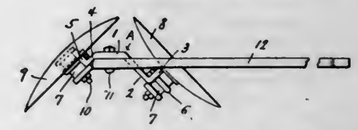
2,132,146
APPARATUS FOR CLEANING GASES
Willard P. Chandler, Jr., Pittsburgh, Pa., assignor to Blaw-Knox Company, Pittsburgh, Pa., a corporation of New Jersey
Application July 22, 1937, Serial No. 154,979
7 Claims. (Cl. 261—108)

1. A gas treating apparatus comprising a shell having a gas inlet opening communicating therewith adjacent one end thereof and a gas outlet adjacent the other end thereof, a cone-shaped partition extending transversely across the shell between the inlet and outlet openings, a plurality of contactor tubes opening through said partition, a cone-shaped pan for maintaining a liquid pool below the partition and adjacent the lower ends of the contactor tubes, a centrally disposed conduit structure extending through said partition and said pan, and means for supplying liquid to said conduit structure above said partition, said conduit structure having a passageway extending from above said partition and opening into



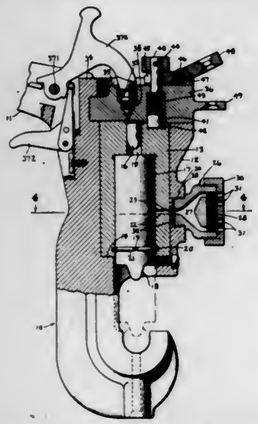
the base of the said pool, whereby liquid is supplied to said pool, and a passageway in said conduit structure communicating with the upper surface of said partition and extending completely through the said pool, whereby liquid carried upwardly through said contactor tubes and deposited on said partition may be discharged below the pool.

2,132,147
DISK FURROW OPENER
Everett A. Criswell, Georgetown, Ind.
Application April 7, 1938, Serial No. 200,749
1 Claim. (Cl. 97—225)



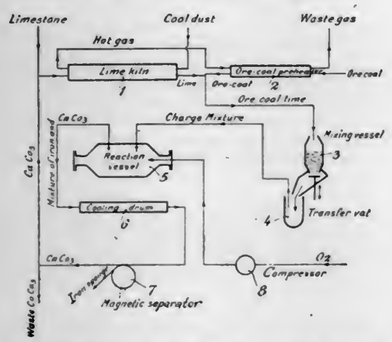
A furrow opener of the class described comprising a beam having a downwardly extending rear part, a supporting bar having a straight intermediate portion connected with the lower portion of said downwardly extending part of the beam and said straight portion extending parallel to the length of the beam, the front portion of the bar sloping forwardly and outwardly in one direction and having a forwardly extending right angle part at its end, said right angle part being located to one side of the beam and extending toward the beam, the rear of the bar extending rearwardly and outwardly and having a right angle extension at its end, which extends outwardly from the plane of the opposite side of the beam, boxings connected to the right angle extensions, a front disk having a spindle part rotatably arranged in the front boxing with the spindle part connected to the convexed face of the disk, a rear disk having a spindle part extending from its concave face and rotatably arranged in the rear boxing, one disk being arranged in rear of the other and the front disk throwing the dirt to one side of the beam and the rear disk throwing the dirt to the opposite side of the beam.

2,132,148
IMPACT PRESS
Lewis K. Davis, Hampton, N. J., assignor to Grace P. Davis, Hampton, N. J.
Application January 30, 1937, Serial No. 123,223
12 Claims. (Cl. 140—113)



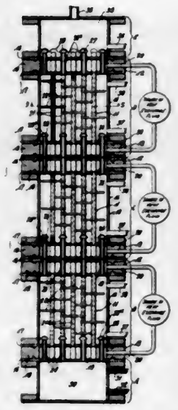
1. An impact press comprising a frame having an aperture adapted to receive and support a replaceable cylinder, a cylinder in said frame comprising a bore adapted to receive a piston, a piston in said cylinder, means associated with said frame adapted to hold and ignite a piston propelling charge, and means for retarding movement of said piston comprising matching grooves in the peripheries of said cylinder and said piston respectively and a ring elastically held in both said grooves and displaceable from one of them by pressure on said piston.

2,132,149
PRODUCING METALS
Emil Edwin, Oslo, Norway
Application May 25, 1937, Serial No. 144,727
In Norway June 13, 1936
17 Claims. (Cl. 75—6)



1. A method of producing metals from their ores, in which the ore is heated in the presence of a reducing agent containing the element carbon and of calcium oxide at such a pressure that carbon dioxide formed by the reaction taking place is substantially quantitatively taken up by the oxide of calcium under formation of carbonate of calcium.

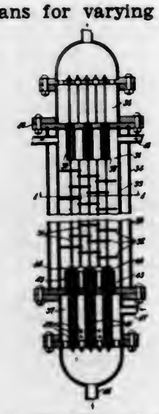
2,132,150
APPARATUS FOR TREATING MINERAL OILS
Merrell R. Fenske, State College, Pa., assignor to Pennsylvania Petroleum Research Corporation, a corporation of Pennsylvania
Application June 29, 1935, Serial No. 29,157
1 Claim. (Cl. 257—224)



Apparatus comprising, a column having a plurality of super-imposed serially connected liquid phase contacting sections, a plurality of spaced attenuated packing members vertically arranged in each section, a liquid phase feeding and separating chamber at the top of said column, a liquid phase feeding and separating chamber at the bottom of said column, means in each of said chambers for distributing the feed liquid laterally of said tower, means intermediate said sections for distributing said liquid phases laterally of said tower, longitudinally arranged heat exchange channels through the interiors of the attenuated packing members of each section, and means for flowing a heat exchange fluid through the channels of each section, said last-mentioned means for each section being independent of similar means for the other sections.

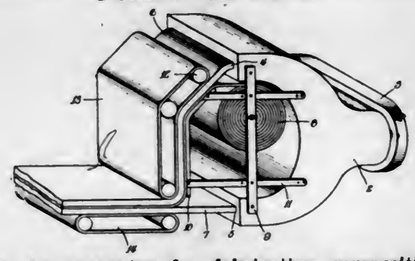
2,132,151
APPARATUS FOR TREATING MINERAL OILS
Merrell R. Fenske, State College, and Wilbert B. McCluer, Bradford, Pa., assignors to Pennsylvania Petroleum Research Corporation, a corporation of Pennsylvania
Original application March 13, 1935, Serial No. 10,932. Divided and this application February 13, 1936, Serial No. 63,782
9 Claims. (Cl. 196—46)

9. Apparatus for contacting liquid phases such as in the solvent treatment of mineral oils comprising a column, a phase contacting zone in said column, and a plurality of attenuated packing members vertically arranged in said phase contacting zone and extending continuously therethrough, each attenuated packing member comprising a large number of superimposed relatively small packing elements held in an attenuated shape to form a composite attenuated packing member by virtue of being enclosed within a tube, and means for controlling temperature conditions about the tubes to maintain the tubes under substantially identical temperature conditions, and means for varying the temperature



conditions at a plurality of points along said tubes.

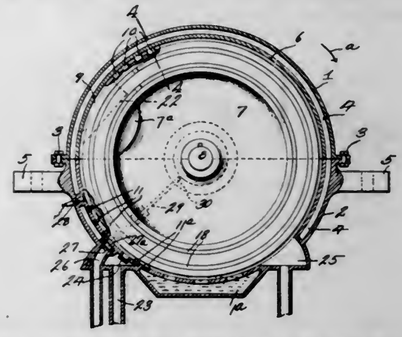
2,132,152
APPARATUS FOR MAKING COMPOSITION STRIPS
Albert C. Fischer, Chicago, Ill.
Application February 19, 1930, Serial No. 429,558
4 Claims. (Cl. 154—1)



1. An apparatus for fabricating composition strips comprising an extrusion device including a head having a bore terminating in a plurality of outlets through which layers of plastic material are fed, a plate contiguous to one of the outlets over which a foundation layer is fed in juxtaposition with one of the plastic layers, and forming means for compressing the composite strip.

2,132,153
ROTARY INTERNAL COMBUSTION ENGINE
Richard E. J. Garretson, Gering, Nebr., assignor of one-half to Eugene S. Starrett, Hartville, Wyo.
Application September 30, 1935, Serial No. 42,959
2 Claims. (Cl. 123—16)

1. A rotary internal combustion engine comprising a casing having a cylindrical chamber therein, a cylindrical rotor concentrically disposed within said chamber and of less diameter than the chamber, a charge receiving pocket in the rotor, radially mounted abutments carried by the wall of the chamber, radially mounted vanes carried by the rotor, said vanes being in advance of the charge receiving pocket in the rotor, said vanes and abutments being yieldably mounted whereby they will simultaneously yield in relation to each other as they engage during the rotation of the rotor, an intake port for admitting supercharged gas to the rotor pocket, an exhaust port for exhausting burnt gas, a spark-plug carried by the casing on the firing side of the intake port, an auxiliary exhaust port on the firing side of the intake port, valve mechanism controlling the intake and auxiliary ports, packing rings within



the casing between the intake and exhaust ports, said abutments being carried by the casing between the spark plug and intake port.

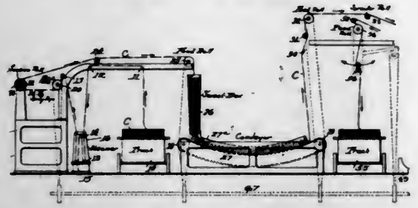
2,132,154
METHOD OF PRODUCING COMBINED COLORED AND BLACK AND WHITE PICTURES
Bela Gaspar, Brussels, Belgium
No Drawing. Application January 7, 1936, Serial No. 57,904. In Germany January 5, 1935
8 Claims. (Cl. 95—2)

1. A method of producing photographic and kinematographic pictures which comprises exposing a light sensitive silver halide layer, developing the latent silver image to form a metallic silver image, incorporating in said layer a color substance selected from the group consisting of dyestuffs and dyestuff-forming substances which may be locally reacted under the influence of said silver image to form a final dyestuff image, treating said layer with an agent which reacts with said silver to form some silver halide and an agent which acts in situ upon said color substance to form a dyestuff image, reconverting any remaining silver to light-sensitive silver halide by treatment with an oxidizing agent free of solvents for silver salts and which does not deleteriously affect said dyestuff image, exposing the rehalogenized layer a second time to produce a latent silver image from the silver halide, developing the last mentioned image and fixing after this second development.

2,132,155
METHOD OF MANUFACTURING A PRODUCT CONTAINING CALCIUM NITRATE AND AMMONIUM NITRATE
Stefan Julius Gelhaar, Ljungaverk, Sweden, assignor to Stockholms Superfosfat Fabriks Aktiebolag, Stockholm, Sweden, a corporation of Sweden
No Drawing. Application October 26, 1936, Serial No. 107,733. In Sweden November 13, 1935
1 Claim. (Cl. 71—58)

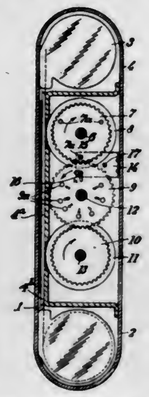
Method of manufacturing a product containing calcium and ammonium nitrate and adapted to be used as a nitrogen containing manure, consisting in mixing a substance which principally consists of calcium carbonate with ammonium trinitrate, both reagents being in the solid phase, heating the mixture and finally adding a calcium compound to the mixture towards the end of the reaction.

2,132,156
METHOD AND APPARATUS FOR SHRINKING AND DRYING CLOTH
David Gessner, Worcester, Mass.
Application November 12, 1936, Serial No. 110,477
1 Claim. (Cl. 26—18.5)



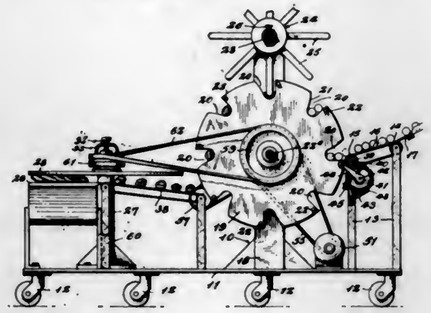
The method of final shrinking of woolen and worsted fabrics after all finishing operations such as shearing, brushing and pressing have been performed thereon, which comprises moistening the cloth, drawing the moisture into the cloth and leaving not substantially more than one-third by weight of water in the cloth, closely confining the moistened cloth for a predetermined and substantial sweating period, slowly advancing the cloth in folded condition on a conveyor without immersion of said cloth and thereby maintaining said cloth in substantially the same moistened condition and without the addition of moisture thereto for a further sweating period, and thereafter drying said cloth, all of said steps being performed successively and as parts of a continuous final shrinking operation.

2,132,157
ROLL FILM CAMERA
Leo Goldhammer, Munich, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
Application January 12, 1935, Serial No. 1,471
In Germany December 8, 1933
7 Claims. (Cl. 95—31)



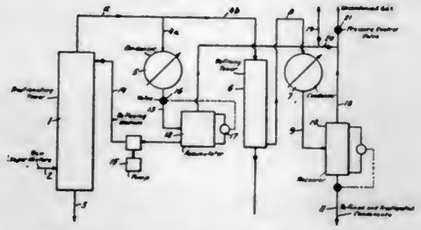
1. In a roll film camera for use with films having no protective strips at the ends thereof, in combination a casing, a feed box and a take up box in said casing, means in said casing adjacent said feed box and adjacent said take up box for frictionally gripping said film to advance said film through said casing, said means adjacent said take up box being adapted to grip the end of the film projecting from said feed box and advance it to said means adjacent said take up box, means for operating one of said film advancing means, means intermediate said film advancing means for transmitting power from said one film advancing means to said other film advancing means, and means coacting with said one film advancing means and said intermediate means to stop the advancing means at predetermined points.

2,132,158
DOUGH TWISTING MACHINE
Carl C. Guldbech, Bronx, N. Y.
Application June 1, 1938, Serial No. 211,228
11 Claims. (Cl. 107—8)



1. In a dough twisting machine, a revoluble drum having peripheral pockets for receiving formed dough, timed means for feeding dough to respective pockets, a rotating disk, a platform fixed therebeneath, and means between the drum and the disk for advancing the dough to a position extending radially of the axis of the disk, the disk being in frictional contact with the dough.

2,132,159
ART OF REFINING
Willis S. Gullette, Highland, Ind., assignor to Sinclair Refining Company, New York, N. Y., a corporation of Maine
Application May 8, 1935, Serial No. 20,309
2 Claims. (Cl. 196—36)



1. In an operation combining a fractionating operation and a vapor phase refining operation applied to the vapor mixture from the fractionating operation, the improvement in controlling the fractionating operation which comprises dividing the gross vapor mixture from the fractionating operation into two streams of the same composition, subjecting one of these streams to the refining operation, condensing the other stream and returning the condensate so produced to the fractionating operation as a refluxing medium, and controlling the devision of the gross vapor mixture by controlling directly the discharge of condensate from said condensing operation.

2,132,160
MANUFACTURE OF SHAPED ARTICLES
Max Hagedorn, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
No Drawing. Application February 14, 1935, Serial No. 6,489. In Germany February 16, 1934
15 Claims. (Cl. 106—22)

11. A composition of matter comprising an organic colloid selected from the group consisting of synthetic resins and film forming cellulose derivatives and a halogen hydrine, the free hydroxyl groups of which have been esterified by an aliphatic acid having an unbranched chain of at least eight carbon atoms.

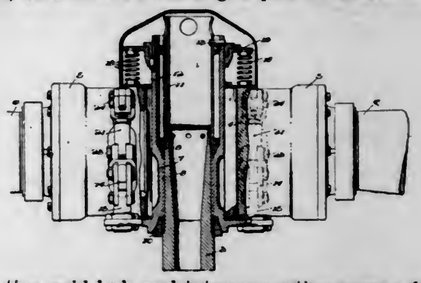
2,132,161
INSERTABLE CIRCULATION STARTER FOR WELL STRINGS
Jesse E. Hall, Los Angeles, Calif.
Application August 24, 1936, Serial No. 97,554
13 Claims. (Cl. 255—27)



1. A deep well circulation starter including a standing assembly having means for attachment of a subjacent instrument and including upwardly spring-closed valves, a cage device in which the valves are operative and having a lateral outlet therebetween and a hollow pillar on which said device is fixed, and a working assembly including a barrel sliding on said device and having a shoe sliding on the pillar and forming below said device a suction and discharge chamber communicating with said outlet; one of said valves operative on down stroke of the barrel to admit fluid to the chamber and to close on the up stroke of the barrel, and the other valve operative on the up stroke of the barrel to pass fluid displaced from the chamber to the hollow pillar to establish circulation; the upper valve being of greater flow capacity than the lower.

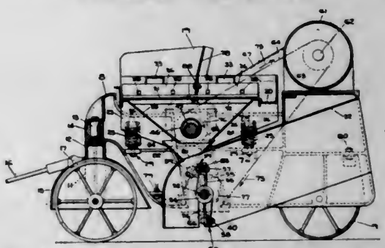
2,132,162
PROPELLER
Clinton H. Havill, South Orange, N. J., assignor to Eclipse Aviation Corporation, East Orange, N. J., a corporation of New Jersey
Application May 16, 1936, Serial No. 80,212
10 Claims. (Cl. 170—162)

1. In a propeller having a hub, a plurality of blades carried thereby, a rotatable shaft drivably connected with the hub, said hub being automatically movable axially of said shaft for varying the pitch of the blades, means interconnecting said shaft and blades for varying the pitch of the latter during such axial movement of the hub, and means including a pair of links con-



necting said hub and interconnecting means for limiting said axial movement of the hub.

2,132,163
FOUNDRY SAND CONDITIONING APPARATUS
Fred B. Henry, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio
Application October 5, 1934, Serial No. 747,042
3 Claims. (Cl. 22—89)

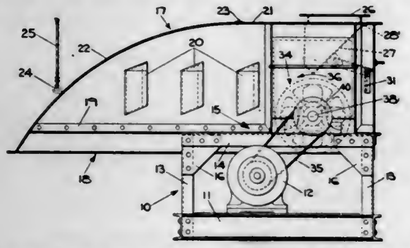


1. In apparatus for conditioning granular material, the combination with a main frame, of an auxiliary frame, a plurality of spaced-apart coil springs for mounting said auxiliary frame on said main frame, a screen on the auxiliary frame to move bodily therewith, a hopper on said auxiliary frame under said screen, mechanism comprising a horizontal transverse shaft for vibrating said auxiliary frame together with said screen in orbital paths to effect conveying of unscreened material over said screen from the front feed end toward the rear end thereof and the depositing of screened material into said hopper, a rotary impeller mounted on the underside of said main frame and comprising a horizontal transverse shaft parallel to said first-named shaft, a motor on said main frame, driving connections between said motor and both of said horizontal shafts to rotate the latter in unison, mechanism for journaling the impeller shaft in said main frame so as to occupy such position under said hopper as to receive screened material falling by gravity from outside the periphery for impact tangentially of the peripheral path of the impeller to throw the material from the top side of the impeller rearwardly from under the main frame and the machine to a position distant therefrom.

2,132,164
FOUNDRY SAND CONDITIONING APPARATUS
Fred B. Henry, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio
Application December 13, 1935, Serial No. 54,293
15 Claims. (Cl. 259—9)

1. In a sand aerator, the combination with a

frame, of sand feeding means, a rotor carried by said frame and positioned to strike sand delivered by said feeding means, said rotor comprising end supporting means mounted on a rotating shaft, a striking bar spaced axially from said shaft and carried at both ends by said supporting means, said bar comprising a straight body portion having a polygonal cross-section with continuous radially projecting longitudinally extending ribs carried by each face, said ribs hav-



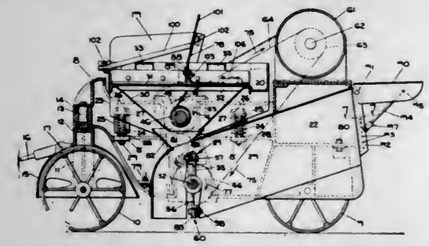
ing impelling faces providing surfaces at an angle with the axis of the bar, whereby sand struck thereby will travel in angularly related paths, said bar being rotatable about its own axis to bring successive ribs into operative position as they become worn, and mounting means for attaching the ends of said bar to said end supporting means and constructed and arranged to provide for rotation of said bar about its own axis as aforesaid and to clamp it rigidly to said supporting means in any selected position.

2,132,165

FOUNDRY SAND CONDITIONING APPARATUS

Fred B. Henry, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio

Application December 13, 1935, Serial No. 54,294
11 Claims. (Cl. 209—320)



7. In screening apparatus, the combination with a frame, of a screen, means for vibrating said screen with respect to said frame, and a flail positioned above and resting on said screen to disintegrate reducible lumps of material thereon, said flail comprising flexible strips of non-metallic material carrying weights.

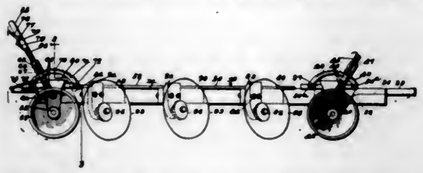
2,132,166

PLOW

Levi C. Hester, Jacksonville, Fla.

Application August 19, 1937, Serial No. 159,968
5 Claims. (Cl. 97—53)

1. A plow comprising a longitudinal beam disposed at a slight angle to the line of travel of the plow, a hitch bar connected at one end to an intermediate portion of said beam, a transverse beam connected to the hitch bar and to the longitudinal beam, a front leveling wheel mounted on the outer end of the transverse beam, a wheel mounted on the rear end of the longitudinal beam, parallel arms secured to the longitudinal beam and located at an acute angle to the line of travel of the plow, the rear end of the longitudinal beam being bent at an angle and disposed



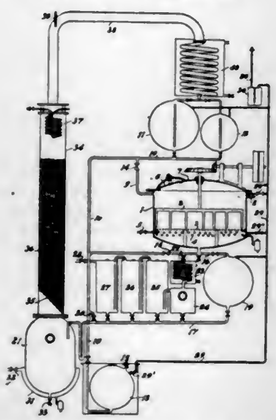
parallel to the parallel arms, discs mounted on the ends of the arms, and a reinforcing plate secured to the longitudinal beam and extending from a point adjacent the front end to a point adjacent the bent portion, thence from the last-mentioned point to an intermediate portion of the bent portion when the plate is secured to the bent portion.

2,132,167

PROCESS OF PRODUCING DRY ENZYMATIC PREPARATION FROM ANIMAL ORGANS

Hans Huber and Robert Laster, Vienna, Austria, assignors to Hauser & Sobotka A. G., Stadlau, Germany, a joint-stock company

Application April 16, 1936, Serial No. 74,799
In Austria May 9, 1935
1 Claim. (Cl. 195—65)



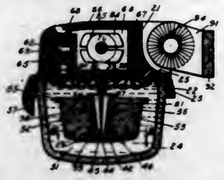
A process for the production of dry enzymatic preparations which comprises comminuting pancreas glands to the form of a pulp, adding acetone to the said pulp, allowing the acetone to penetrate into the said pulp, moderately agitating the said pulp with the imbibed acetone, running off from said pulp liquid containing acetone, water, fat and other extracted substances, distilling the thus removed liquid to recover purified acetone, reintroducing the purified acetone into said pulp in situ, repeating the said steps until the pulp in situ is substantially dehydrated and defatted, applying moderate heat to said dehydrated and defatted pulp in situ in an atmosphere of reduced pressure so as to drive off residual acetone from said dehydrated and defatted pulp, recovering the acetone thus driven off, and collecting the dehydrated, defatted and dry pancreatic material.

2,132,168

VEHICLE COMPASS

Maximilian Klein and Bernhard Willach, Sellersville, and William Stader, Perkasie, Pa., assignors to United States Gauge Company, Sellersville, Pa., a corporation of Pennsylvania

Application August 31, 1935, Serial No. 38,814
11 Claims. (Cl. 33—223)



1. In a magnetic compass, a casing comprising a supporting section and a bowl portion provided with transparent walls depending from and supported by said section, a pivot mounted on said supporting section and depending into said bowl portion, an element including a magnet buoyantly rotatably supported against the end of said pivot, an indicia carrier mounted on said element and having indicia displayed thru said transparent walls, said supporting section being hollow to provide a chamber directly above and adjacent to said element, and compensating means mounted in said chamber comprising a shaft rotatable from the exterior of said casing and a plurality of magnets independently adjustable on said shaft.

2,132,169

PHOTOGRAPHIC DESENSITIZING

Karl Kumetat, Dessau, and Sebastian Gassner, Leverkusen, near Cologne, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York

No Drawing. Application March 3, 1937, Serial No. 128,824. In Germany October 11, 1935
9 Claims. (Cl. 95—88)

1. A process of desensitizing a light-sensitive silver halide emulsion which comprises treating said silver halide emulsion with a compound selected from the group consisting of N-aryltaurides and amides of one of the group consisting of anthraquinone carboxylic acids and anthraquinone sulfonic acids, said amides being selected from the group consisting of amides the nitrogen of which is linked to a radical selected from aliphatic and aryl radicals containing a carboxyl group, amides the nitrogen of which is directly attached to an aryl radical and linked to a radical selected from aliphatic and aryl radicals containing a carboxyl group, and amides the nitrogen of which is directly attached to an alkyl radical and linked to a radical selected from aliphatic and aryl radicals containing a carboxyl group.

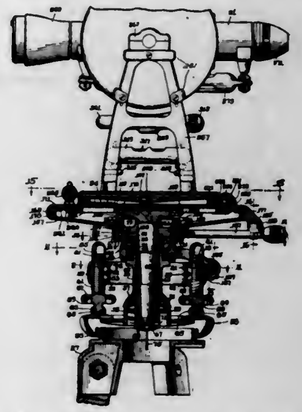
2,132,170

TRANSIT

Adolph Langsner, Chicago, Ill., assignor to Eugene Dietzgen Company, Chicago, Ill., a corporation of Delaware

Application December 17, 1934, Serial No. 757,849
7 Claims. (Cl. 33—69)

1. In a surveying instrument comprising a support standard and instrument-carrying means including a sleeve journalled in said standard and a spindle journalled in said sleeve with the sleeve having a portion projecting from the standard and the spindle projecting from said sleeve, the combination of clamping means for securing the sleeve against rotation with respect to the spindle as well as with respect to the support standard, said carrying means comprising annular means forming a clamp seat on the projecting portion of said sleeve, and encircling an end of said support standard, said clamping means comprising a first clamp having an annular portion encircling a portion of the projecting end of the sleeve



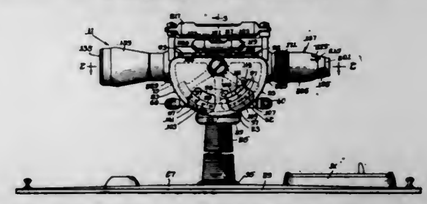
and said first clamp having a portion abutting an adjacent portion of the annular means, and a second clamp having an annular portion abutting said support standard and embracing the clamp seat, resilient gasket means between each clamp and said annular element, and resilient gasket means between said first clamp and said sleeve and between said second clamp and said support.

2,132,171

SURVEYING INSTRUMENT

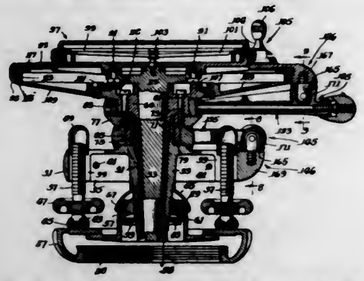
Adolph Langsner, Chicago, Ill., assignor to Eugene Dietzgen Company, Chicago, Ill., a corporation of Delaware

Application March 16, 1935, Serial No. 11,525
8 Claims. (Cl. 33—67)



1. A device of the class described, comprising a pair of frame elements interconnected for relative rotational movement, one of the elements forming a support for the other, and said other element carrying means forming a mounting for a sighting device, and means to adjust the angular relationship of the elements comprising chamber-forming means on said support providing an enclosing chamber having a lateral opening, means on said mounting element comprising a finger in position extending in said chamber through said opening and having a bearing portion within said chamber, and adjusting means on said chamber-forming means and cooperatively associated with said bearing portion within the chamber for shifting said finger therein to adjust the relative angular relationship of the said frame elements.

2,132,172
TANGENT ADJUSTING MEANS
Adolph Langsner, Chicago, Ill., assignor to Eugene Dietzgen Co., Chicago, Ill., a corporation of Delaware
Application April 16, 1938, Serial No. 202,426
38 Claims. (Cl. 33—72)



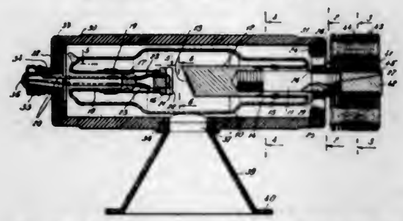
1. In a device of the class described, in combination, a pair of relatively shiftable frame members, means forming a housing on one of said members having an opening defined by edges forming a cover seat about said opening, means forming an abutment on the other of said members and a cover surrounding said abutment and having a surface in position to slidingly engage said seat, whereby the means forming said cover and said housing may cooperate to provide an enclosure for said abutment, and adjusting means on the housing in position to cooperate with said abutment within the housing to relatively shift the abutment therein whereby to accurately adjust the relative position of said members.

2,132,173
AIR GUN
Charles F. Lefever, Plymouth, Mich., assignor to Daisy Manufacturing Company, Plymouth, Mich., a corporation of Michigan
Application September 21, 1936, Serial No. 101,837
5 Claims. (Cl. 124—15)



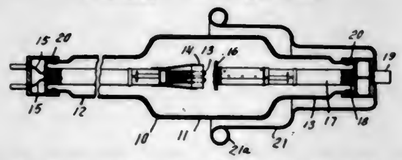
1. A gun comprising a false barrel formed of sheet metal having a downwardly extending longitudinally slotted flange on a portion of its underside and spaced flanges in rear thereof leaving an open slot, a true barrel in the forward portion of said false barrel, an air compression cylinder in rear of said true barrel, a piston abutment at the forward end of said cylinder, a piston in said cylinder having a rearwardly extending shank, and a spring sleeved upon said shank and bearing at its forward end against said piston; in combination with a frame beneath said barrel having a longitudinally extending portion for embracing said slotted flange and a portion embraced by said spaced flanges having an upward projection fitting and slidable within said false barrel, a bushing within said upward projection forming an abutment against which said spring is compressed in the rearward movement of said barrel on said frame and also constituting a guide for said piston shank, a sear pivotally mounted in said upward projection and engageable with said piston shank in the compressed position of the spring, a pin passing through said longitudinally slotted flange in the portion of the frame embracing the same to limit the sliding movement of said barrel on said frame, and a trigger on said frame for releasing said sear.

2,132,174
X-RAY APPARATUS
Raymond R. Machlett, Scarsdale, N. Y., assignor to Machlett Laboratories Incorporated, Springdale, Conn., a corporation of Connecticut
Original application December 8, 1934, Serial No. 756,570. Divided and this application September 29, 1936, Serial No. 103,068
6 Claims. (Cl. 250—34)



1. In an X-ray unit, the combination of an air-cooled, air-insulated X-ray tube having an elongated envelope with re-entrant end portions extending inwardly toward the middle of the envelope for a substantial distance to provide a long creepage path, an anode within the envelope having a solid shank projecting outside the envelope and of sufficient cross-sectional area to carry away effectively the heat generated at the focal spot during operation, a cathode within the envelope, and conductors sealed through the envelope wall and connected to the cathode, and a housing enclosing the envelope and wholly spaced therefrom, the housing having a wall at one end through which the shank projects, means on the shank engaging said wall for holding the shank against movement relative to the wall, and exposed terminals on the opposite end wall of the housing to which the conductors are connected, said anode shank and the wall through which it projects constituting the sole support for the envelope and cathode of the tube.

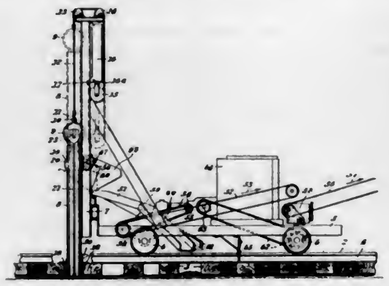
2,132,175
X-RAY APPARATUS
Raymond R. Machlett, Riverside, Conn., assignor to Machlett Laboratories Incorporated, Springdale, Conn., a corporation of Connecticut
Application September 8, 1937, Serial No. 162,840
2 Claims. (Cl. 250—27.5)



1. A thermionic rectifier tube for use in a housing of the compact type containing oil in which the tube is immersed, which comprises an envelope, an anode and an electron-emitting cathode within the envelope, the anode acquiring a high negative potential with respect to objects in its vicinity during operation of the device and constituting a source of destructive field currents,

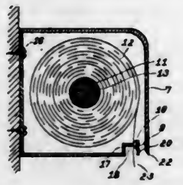
and means enclosing the anode end only of the envelope and maintaining in the vicinity of the anode an electric field of the same order and sign as the potential of the anode, said means comprising a metallic shield connected electrically to the anode and extending from the anode end of the tube and terminating between the head of the anode and the cathode, the cathode end of the envelope being unshielded.

2,132,176
APPARATUS FOR HANDLING BALLAST
James B. McWilliams, Pittsburgh, Pa., assignor to Railway Maintenance Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
Application January 22, 1936, Serial No. 60,259
11 Claims. (Cl. 37—104)



1. Apparatus of the class described, comprising a support movable along a railroad track, means carried by the support and movable generally transversely of the track to displace material between the ties to a predetermined position removed from the original position of such material and in which predetermined position such material may be readily picked up, and means also carried by the support for picking up between the rails the displaced material.

2,132,177
DISPENSING DEVICE FOR ROLL PAPER
Milton Mezoff, Boston, Mass., assignor to Patent Products Corporation, Boston, Mass.
Application April 7, 1936, Serial No. 73,128
4 Claims. (Cl. 242—55.5)

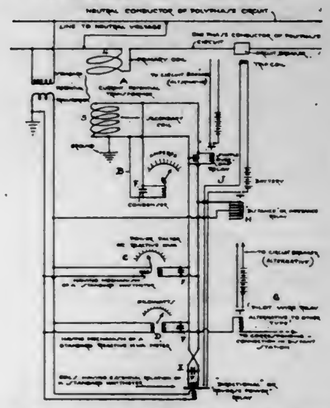


1. A dispensing device for roll paper comprising a container, supports in the end walls of the container for the spindle or core of a roll of paper, said container having a transverse slot in the bottom, a rod passing through the lower front corners of the end walls of the container, a lever mounted on said rod and coacting with one side of said slot, a cover provided with a cutting edge pivotally attached to the ends of said rod, said cover when rotated about said rod being capable of turning the lever, the cutting edge on the cover contacting the lever.

2,132,178
MANUFACTURE OF 4-AMINOBENZENE-SULPHONIC ACID AMIDE
Fritz Mietzsch and Josef Klarer, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application April 3, 1937, Serial No. 134,736. In Germany April 7, 1936
5 Claims. (Cl. 260—556)

1. The process in which crude para-aminobenzene-sulphonamide is purified by reprecipitation from aqueous solutions which contain an alkaline reacting substance the basicity of which is not sufficient for salt formation with the para-aminobenzene sulphonamide.

2,132,179
SYSTEM FOR OPERATING ALTERNATING CURRENT SWITCHBOARD INSTRUMENTS
Humphreys Milliken, Montreal, Quebec, Canada
Application June 27, 1934, Serial No. 732,738
3 Claims. (Cl. 171—95)

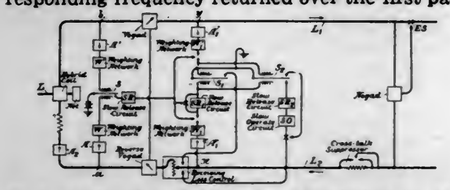


1. In a high-potential alternating-current system, main-line conductors; a low voltage-producing means interposed in the main line and comprising a primary or transmitting coil of a small number of coils in series with the main-line conductors, a secondary or receiving coil of a large number of coils, means for spacing and insulating said secondary coil from the primary coil to locate said secondary coil in the outer portion of the field of magnetic flux induced by the primary coil and to form an air gap of substantial area between the said two coils, whereby a substantial portion of the magnetic flux induced by the primary coil will be ineffective and will flow through the air gap between the two coils and only a selected portion of said flux will pass through the secondary coil to induce a low voltage therein, and an instrument in circuit with said secondary coil.

2,132,180
TWO-WAY SIGNALING SYSTEM
Doren Mitchell, Bound Brook, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application October 22, 1936, Serial No. 107,097
9 Claims. (Cl. 178—44)

3. In a two-way signaling system including a two-wire line and a link having a first path for transmitting from and a second path for transmitting to said line, the method of preventing

singing which consists in comparing the magnitudes of the signal energy in a given frequency range in the second path and the energy of corresponding frequency returned over the first path



as a result of such signal transmission in said second path, and effecting an adjustment of the loss in said second path whenever it is necessary to the maintenance of the desired relation between said magnitudes.

2,132,181
PROCESS FOR THE MANUFACTURE OF CARBOHYDRATE COMPOUNDS

Wilhelm Neugebauer, Ulrich Ostwald, and Kurt Sponsel, Wiesbaden-Biebrich, Germany, assignors to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany

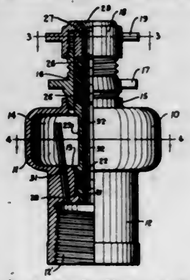
No Drawing. Application March 15, 1937, Serial No. 130,868. In Germany March 14, 1936
6 Claims. (Cl. 260—152)
(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)

1. The method of etherifying a carbohydrate which comprises causing an olefine sulfonic acid in an alkaline medium to react with the carbohydrate.

2,132,182
STUFFING BOX

Jeddy D. Nixon and Clifton H. Lee, Houston, Tex.

Application November 5, 1936, Serial No. 109,257
2 Claims. (Cl. 286—34)



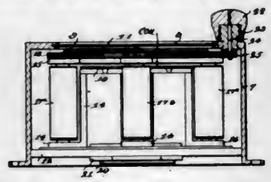
1. A stuffing box including, a body having a lubricant storage chamber, a perforated sleeve extending through the chamber, a sealing member having a tapered screw threaded portion screwed into the top of the body and forming a fluid tight seal therewith, said member surrounding the upper end of the sleeve, packing below said sleeve for sealing member above said sleeve for sealing the upper end of said chamber and for stripping fluid from the reciprocating element, and an overflow conductor extending into the chamber terminating above the bottom of said chamber for maintaining a fluid level therein within said chamber and below the sealed joint.

2,132,183
INDUCTOR COMPASS

Henry D. Oakley, Schenectady, N. Y.

Application June 12, 1936, Serial No. 84,956
2 Claims. (Cl. 33—204)

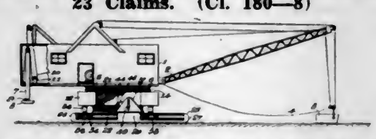
2. In an inductor compass, an indicator unit having a plurality of field coils, a rotatable coil electromagnetically reacting with and controlled by the field set up by the coils, a needle carried by said rotatable coil, a chart disposed beneath the needle, means for simultaneously rotating the chart and field coils, a stationary lubber's line, means for producing a rotatable field in said field coils, said means comprising an inductor unit for generating an alternating voltage from the horizontal component of the earth's magnetic field and a second means for generating an alternating voltage of the same frequency, an amplifying means for each voltage, a split phase circuit associated with one of said amplifying means and having connections with certain of the field coils and a phase control circuit associated with the other amplifying means and being connected with the rotatable coil, said rotatable coil and needle adapted to assume a position at rest, the position being determined by the phase angle of the output voltages of the amplifying means.



2,132,184
DREDGE OR EXCAVATOR

John Morris Poché, New Orleans, La., assignor of one-third to Walter Charles Gonthier and one-third to Christian Joseph Neunier, both of New Orleans, La.

Application October 13, 1937, Serial No. 168,809
23 Claims. (Cl. 180—8)



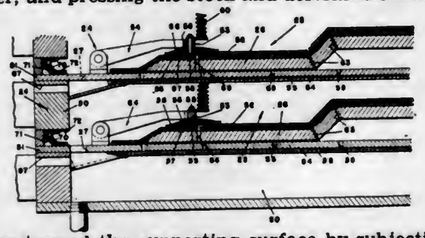
2. In a machine of the class described, a tub, a bottom car mounted on said tub for swivel movement about a vertical axis, a top car mounted on said bottom car for like swivel movement, said top car constituting a dredge proper, means to cause relative swivel movement between the top and bottom cars, means to connect said top and bottom cars and said tub together as a unit, and means cooperating with said bottom car for lifting said cars and said tub clear of the ground, and means to carry said lifted top and bottom cars and said tub as a unit over the ground.

2,132,185
METHOD OF FORMING COVERINGS AND THE LIKE

Harry M. Pryale, Samuel C. Clark, and William S. Vrooman, Pontiac, Mich., assignors to Baldwin Rubber Company, Pontiac, Mich., a corporation of Michigan

Original application August 9, 1935, Serial No. 35,532. Divided and this application December 23, 1935, Serial No. 55,890
4 Claims. (Cl. 18—56)

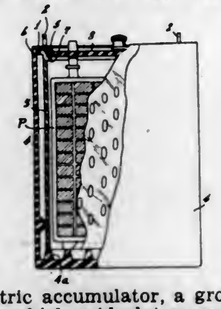
1. Those steps in the method of forming a covering of predetermined contour from deformable stock which consist in positioning a sheet of stock on a supporting surface having openings therethrough beyond the marginal edges of the stock communicating with a low pressure area, bridging the marginal edges of the stock and the portion of the supporting surface having the openings therethrough with a deformable member, and pressing the stock and deformable member toward the supporting surface by subjecting the surfaces of said stock and member opposite the surfaces thereof adjacent the supporting surface to the direct action of fluid under pressure.



2,132,186
ELECTRIC ACCUMULATOR

Eduard Willem Louis Ramakers, Bandoeng, Java, Dutch East Indies

Application November 11, 1935, Serial No. 49,294
In the Netherlands December 20, 1934
1 Claim. (Cl. 136—166)

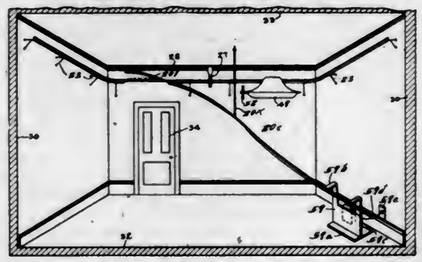


In an electric accumulator, a group of plates, a cover from which said plates are suspended, a jacket surrounding said group of plates and at least partly open at the bottom, said cover being supported upon said jacket, an outer vessel surrounding said jacket, said jacket and vessel having ribs projecting, respectively, outward and inward just below their upper edges, and means in said outer vessel supporting said jacket so that its rib stands in non-overlapping relation at the same level with the rib on said vessel, to form a gutter bottom for receiving a sealing material.

2,132,187
AERIAL TRAVELING DEVICE

Rufus R. Rand, Jr., Minneapolis, Minn.

Application April 20, 1934, Serial No. 721,504
13 Claims. (Cl. 104—23)

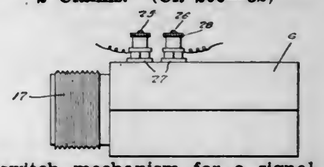


1. A trolley wheel of conducting material for running on a longitudinally extending conductor and adapted to be supported thereby, said wheel having a grooved periphery engaging said conductor, said grooved periphery being formed as a worm wheel and a worm meshing therewith for driving said wheel along said conductor.

2,132,188
AUTOMATIC REVERSING SIGNAL DEVICE

Joseph M. Rockett, Benjamin J. Isherwood, and Charles H. Read, Fall River, Mass.

Application March 10, 1937, Serial No. 130,208
2 Claims. (Cl. 200—52)

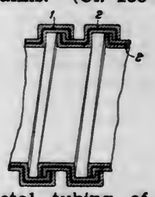


1. A switch mechanism for a signal device, said mechanism being adapted to be interposed in the speedometer drive mechanism of an automobile for closing a signal circuit incidental to the reversing of the automobile, said switch mechanism including a casing adapted to be mounted on a suitable support, a pair of contact members mounted on the wall of the casing and insulated therefrom, said contact members having inner ends extending inwardly of the casing, a shaft adapted to be placed in driven engagement with the speedometer drive mechanism and extending axially through said casing, an insulated cylindrical contact carrier arranged within said casing and disposed circumjacent said shaft, said shaft being provided with a fixed collar, a spring device bearing on said contact carrier and normally urging one end of the contact carrier into frictional engagement with the shaft collar, said contact member being provided in the periphery thereof with a longitudinal groove accommodating the inner ends of said contact members, and a bridge contact mounted within said groove and at one side of the latter for engaging and bridging said contacts upon reverse rotation of said shaft.

2,132,189
FLEXIBLE METAL TUBE

Friedrich Roemer, Ebenhausen, near Munich, Germany, assignor to Metallschlauch-Fabrik Pforzheim vorm. Hch. Witzenmann Gesellschaft mit beschränkter Haftung, Pforzheim, Baden, Germany

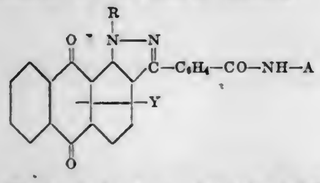
Application June 9, 1937, Serial No. 147,321
In Germany May 9, 1934
2 Claims. (Cl. 138—51)



1. Flexible metal tubing of spirally wound metal strip having loosely interlocked flanges forming a joint between two adjacent windings, and a layer of elastic material extending over the whole width of at least one surface of said strip and forming a complete covering for the corresponding surface of the tube, the portion of said layer lying between said flanges forming a seal therefor.

2,132,190
VAT DYESTUFF
Georg Rösch, Cologne-Muhlheim, Germany, Paul Nawiasky, Summit, N. J., and Karl Saftien, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application November 20, 1936, Serial No. 111,844. In Germany November 21, 1935
6 Claims. (Cl. 260—312)

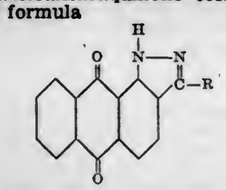
1. Vat dyestuffs of the anthraquinone series corresponding to the general formula



wherein R stands for a member selected from the class consisting of hydrogen and the alkyl and aryl hydrocarbon radicals, Y for an element of the class consisting of hydrogen and halogen, and A for the radical of an aromatic para-quinoid compound containing at least one cyclic bound keto group selected from the class consisting of anthraquinone and anthrapyrimidine radicals.

2,132,191
COMPOUND OF THE PYRAZOLOANTHRAQUINONE SERIES
Georg Roesch, Cologne-Muhlheim, Germany, Paul Nawiasky, Summit, N. J., and Karl Saftien, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application May 25, 1937, Serial No. 144,636. In Germany November 21, 1935
4 Claims. (Cl. 260—312)

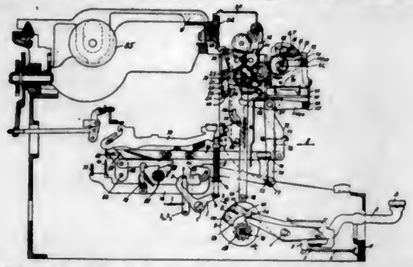
1. A pyrazoloanthraquinone corresponding to the general formula



wherein R is a lower alkyl hydrocarbon radical of the paraffin series.

2,132,192
CALCULATING MACHINE
Carl Schlüns, Steglitz, near Berlin, Germany, assignor, by mesne assignments, to Mercedes Büro - Maschinen - Werke Aktiengesellschaft, Zella-Mehlis, Germany, a joint-stock company of Germany
Application January 10, 1928, Serial No. 245,789 In Germany January 12, 1927
24 Claims. (Cl. 235—59)

23. In a machine of the class described, a counting mechanism, a member having a continued forward movement during the successive steps of the normal operation of said machine, printing members including a "clear" sign printing mechanism, automatic operating means for said printing mechanism, means actuated by said first-named member during its forward movement to start said operating means, and control mechanism for making the actuation of

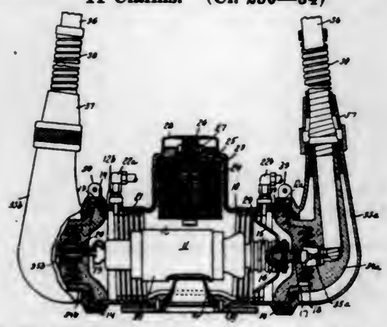


said "clear" sign printing means dependent upon the numeral indicators of said counting mechanism being in zero position.

2,132,193
PRODUCTION OF PARTIALLY HYDROGENATED HYDROXY COMPOUNDS
Curt Schuster and Hans Krzikalla, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application December 2, 1936, Serial No. 113,879. In Germany December 12, 1935
2 Claims. (Cl. 260—310)

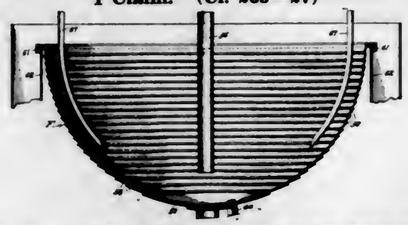
1. A process for the production of 1-cyclohexyl-3-methyl-5-pyrazolone which consists in treating 1-phenyl-3-methyl-5-pyrazolone in caustic alkaline solution with hydrogen at a temperature of from about 70° to 150° C., and at a pressure between about 100 and 250 atmospheres in the presence of hydrogenation catalysts until hydrogen is no longer absorbed.

2,132,194
X-RAY APPARATUS
Joseph W. Skehan, Stamford, and Raymond R. Machlett, Riverside, Conn., assignors to Machlett Laboratories Incorporated, Springdale, Conn., a corporation of Connecticut
Application August 6, 1937, Serial No. 157,634
11 Claims. (Cl. 250—34)



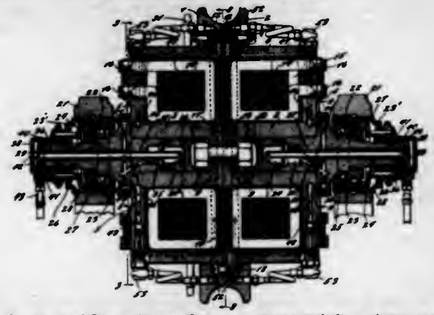
1. In an X-ray apparatus, the combination of a casing having end openings on the same axis, disc insulators mounted on the casing to close the end openings, the casing with the discs in place forming a tight enclosure containing oil, an X-ray tube mounted within the casing and immersed in the oil, terminals passing through the insulators and connected to the tube terminals, a cable terminal housing at each end of the casing, each housing including a hollow member and a disc insulator mounted to close one end thereof, a terminal passing through the housing insulator, a cable extending into each housing and connected to the terminal in the insulator thereof, and means outside the casing and housings for securing them together with the casing between the housings and their respective insulators and terminals in contact, said means preventing displacement of the housings from the casing, while permitting rotation of the casing relative to the housings and vice versa.

2,132,195
APPARATUS FOR THE RECOVERY OF PRECIOUS METALS SUCH AS GOLD
Lewis Oscar Stirn, Woodlawn, Md., assignor of one-fourth to Emil Gathmann, and one-fourth to Harry M. Ramey, both of Baltimore, Md.
Application December 31, 1935, Serial No. 57,023
1 Claim. (Cl. 233—27)



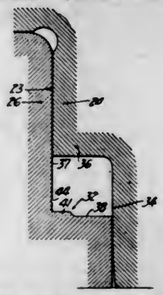
In a centrifugal bowl separator for apparatus for classifying materials of different specific gravities, a portion of said bowl separator comprising an assembly of initially separate superposed ring members of rolled metal successively increasing in diameter in the direction of the top of the bowl and each consisting of an upwardly and outwardly extending flange and an inwardly extending lateral flange, the first mentioned flanges at their lower extremities terminating inwardly of the upper extremities of the adjacent first mentioned flanges, welds securing the first mentioned flanges together inwardly of the margin of the upper portion of the first mentioned flanges to form part of the main wall of the bowl, said lateral flanges being relatively wide compared to the thickness of the material of the rings.

2,132,196
TRANSFORMER
Edmund J. von Henke, Chicago, Ill., assignor to American Electric Fusion Corporation, Chicago, Ill., a corporation of Illinois
Application September 3, 1936, Serial No. 99,218
6 Claims. (Cl. 219—6)



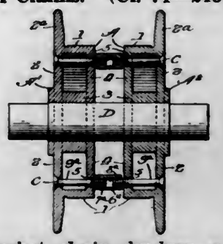
1. A welding transformer comprising two annular primaries disposed coaxially of each other, a secondary comprising two shells, each shell having a wall surrounding one of said primaries and a post extending within a primary, said walls having edges adjacent each other and said posts having ends in contact with each other, means securing together the adjacent ends of said posts and the adjacent edges of said walls, insulation between said edges, and spaced electrodes secured one to each wall.

2,132,197
METHOD OF MAKING PISTON RINGS
Edmund R. Week, Jr., Oakland, Calif.
Application August 31, 1934, Serial No. 742,220 Renewed July 12, 1937
3 Claims. (Cl. 29—156.61)



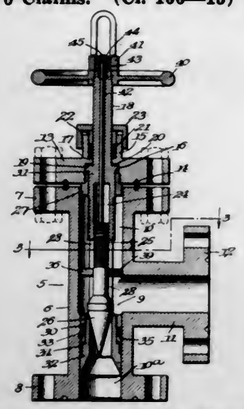
1. The process of forming a generally round split type piston ring with the free ends thereof turned in from the circumference thereof which comprises, compressing of the ring axially to provide a circumferential flow of material towards said ends, and depressing of an outer edge thereof to cause a disproportionately greater flow of material about the outer side than the inner side of the ring.

2,132,198
BUCKET CHAIN TUMBLER
Thomas C. Whisler, Berkeley, Calif., assignor to The American Brake Shoe and Foundry Company, a corporation of Delaware
Application March 30, 1936, Serial No. 71,604
4 Claims. (Cl. 74—243)



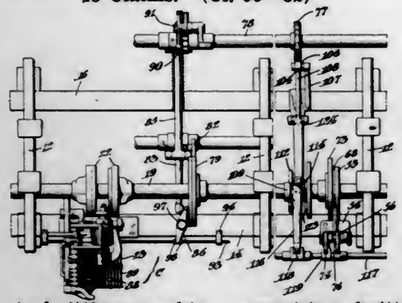
3. In a bucket chain dredger, a tumbler for confining and guiding the bucket chain, said tumbler comprising a pair of coaxially opposed suitably united tumbler members, each individual tumbler member of the pair comprising a hub, a radial supporting web integral with said hub and normally subjected to axially outward tipping forces by the buckets, a circumferentially continuous tread integrally united with and extending axially inward from said supporting web and normally subjected to forces tending to create circumferential enlargement also imposing axially outward displacement of said supporting web, and a circumferentially continuous anti-tipping and growth-resisting strutting web extending radially inward from and integral with said trend, remote from said supporting web.

2,132,199
WELL HEAD INSTALLATION WITH CHOKE VALVE
John R. Yancey, Houston, Tex., assignor to Gray Tool Company, Houston, Tex., a corporation of Texas
Application October 12, 1936, Serial No. 105,315
6 Claims. (Cl. 166—15)



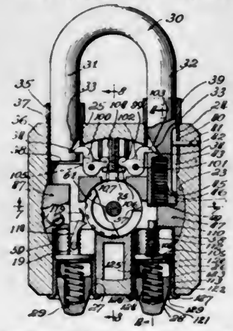
1. A valve comprising a body having a through passage and a side port communicating with said passage, a cap closing the upper end of said passage, a non-rising stem rotatably carried by said cap, a pair of parallel arms carried by said cap and extending into said passage, an internally threaded ring carried by the inner ends of said arms, a valve seat threaded in said ring and positioned between the lower end of said passage and said port, a needle cooperable with said seat and having a shank portion threaded to said stem for reciprocation thereby, and a cross-head guided by said arms and having an opening in which said shank portion is receivable and securable so as to prevent rotation of said needle with said stem, said cross-head substantially closing said passage above said port, the maximum diameter of said needle being less than the internal diameter of said ring.

2,132,200
AUTOMATIC IDLE COURSE MECHANISM FOR STRAIGHT KNITTING MACHINES
Melchior Zwicky, Berkshire Heights, and Rudolph Anke, Ridge Park, Reading, Pa., assignors to Textile Machine Works, Wyomissing, Pa., a corporation of Pennsylvania
Application March 30, 1935, Serial No. 13,818
15 Claims. (Cl. 66—82)



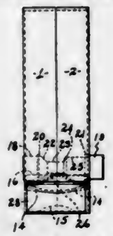
1. A knitting machine comprising knitting mechanism including a bank of needles, a cam shaft, a cam on said shaft, a follower for said cam, means for shogging the shaft, means for feeding yarn to the needle mechanism including a carrier for traversing the needles, means for moving the carrier through an idle course, and means for preventing the feeding of yarn to the needles during the travel of the carrier through said course, by shogging said follower relative to the cam independently of shogging the shaft, including an auxiliary pattern unit, a cam element on the shaft, linkage including a follower element for the cam element, said elements being movable relative to each other between operative and inoperative positions affecting the operation of said unit, and means including a main pattern device for controlling said movement.

2,132,201
PADLOCK
Joseph Allman, Chicago, Ill., assignor, by mesne assignments, to Joseph Allman, trustee
Application June 27, 1935, Serial No. 28,638
Renewed June 13, 1938
11 Claims. (Cl. 70—25)



1. In a permutation lock, the combination of a support with a plurality of permutation discs, a ratchet wheel for actuating said permutation discs step by step, a locking member controlled by said permutation discs, a pawl, a manual actuating member for actuating said ratchet wheel, and resilient means between said pawl and said manual actuating member adapted to give when a blow is struck upon said manual actuating member to protect the mechanism of the lock from hammer blows.

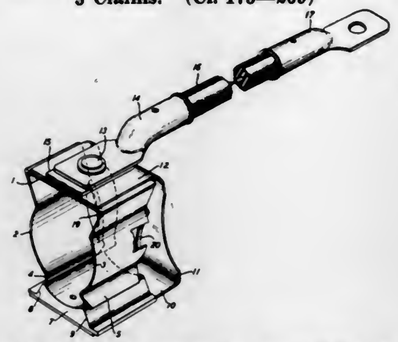
2,132,202
STEEL TAPE RULE
Frederick O. Carlson, New York, N. Y., assignor to Master Rule Manufacturing Company, Inc., New York, N. Y., a corporation of New York
Application August 19, 1937, Serial No. 159,891
3 Claims. (Cl. 33—138)



1. In a measuring device as described the combination comprising a casing having an opening, a spring steel tape mounted in said casing and

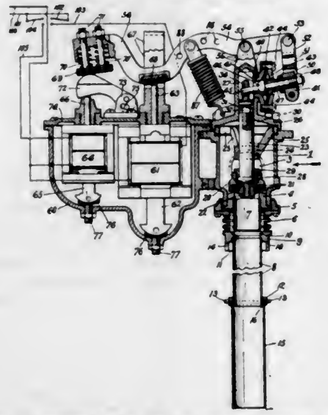
having its terminal end movable through said opening, an anvil over which the tape moves, a brake saddle positioned above the tape and an actuating member slidably mounted in the walls of the casing and transversely movable thereof, said member when slid transversely causing movements of the saddle towards and away from the anvil whereby the tape is gripped between it and the anvil.

2,132,203
ELECTRICAL CONNECTER
James E. Clark, Long Island City, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application January 12, 1937, Serial No. 120,177
3 Claims. (Cl. 173—269)



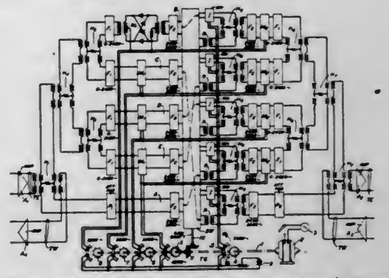
1. An electrical connecter comprising a U-shaped spring clip having jaws tensioned to engage an electrical conductor between them, a bent spring member attached at one end to the bottom portion of the clip, a wedge-shaped member attached to the other end of said spring member, said spring member being so shaped that the wedge member will normally engage the free ends of the jaws of said clip so that when pressure is exerted on said wedge it will separate said jaws to permit the free insertion of an electrical conductor between said jaws.

2,132,204
TWO-STEP SOLENOID VALVE
George C. Davis and George J. Hachmeister, Chicago, Ill., assignors to Davis Regulator Company, Chicago, Ill., a corporation of Illinois
Application November 16, 1935, Serial No. 50,102
3 Claims. (Cl. 137—139)



1. In combination, a valve housing, a valve member reciprocable therein, a lever penetrating the wall of the valve housing to engage the member, a diaphragm packing to close the housing about the lever, a second lever pivoted on the housing, a link connection between the two levers, a solenoid housing associated with the valve housing and a plurality of solenoids contained therein adapted to operate the second lever, yielding means tending to rotate said second lever toward valve closed position, the solenoids being adapted to overcome the yielding means.

2,132,205
SECRET TRANSMISSION
Alton C. Dickieson, Hollis, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 23, 1937, Serial No. 149,815
9 Claims. (Cl. 179—1.5)



1. The method of producing a secret message which consists in shifting the frequency of a band of frequency components representing a message in a plurality of circuits so that they occupy respectively different frequency positions with overlapping frequency portions common to all of the shifted bands within the frequency limits of the original band, selecting a sub-band comprising the same frequency components from the overlapping frequency portion in each circuit, shifting the frequency of the selected sub-bands so that they occupy adjacent positions embracing a total frequency range substantially the same as that of the original frequency band, and superposing the shifted sub-bands on a common circuit for transmission.

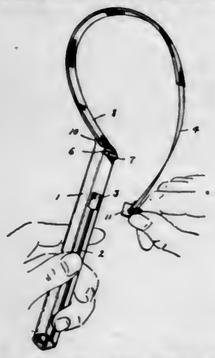
2,132,206
CONTAINER TOP
Anthony Di Domenico, Forest Hills, Long Island, and Dominick Di Domenico, Brooklyn, N. Y.
Application January 4, 1938, Serial No. 183,246
4 Claims. (Cl. 229—5.5)



1. A container top comprising a substantially rigid ring member constituting a side wall of the container top, the upper edge thereof being turned inwardly toward the axis of the ring and then outwardly with the outermost portion positioned immediately below the inwardly turned portion, so as to constitute a substantially flattened flange at the end of the ring, a crown member for said container top, the peripheral edge portions thereof being turned downwardly and outwardly so as to constitute a recess for receiving said flattened

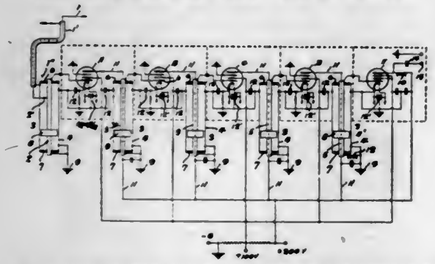
flange of the ring member, and a layer of adhesive between the lower surface of said flange and the upper surface of the peripheral edge portion of the crown member constituting the bottom of said recess.

2,132,207
WRENCH
Joseph L. Donovan, Duluth, Minn.
Application March 17, 1937, Serial No. 131,445
2 Claims. (Cl. 81—3.1)



1. A wrench of the class described comprising a hollow handle having a plurality of spaced openings in one side thereof and a slot in the opposite side extending from the free end of the handle to adjacent the other end thereof where said slot terminates in an opening, said other end having a transverse slot therein, a flexible band having means at one end for engaging said transverse slot and adapted to pass through the second mentioned opening, and a catch at its free end for engaging any one of the other spaced openings, said catch being operable through said first mentioned slot.

2,132,208
ULTRAHIGH FREQUENCY RADIO AMPLIFIER
Francis W. Dunmore, Washington, D. C., assignor to the Government of the United States, represented by the Secretary of Commerce
Application December 27, 1935, Serial No. 56,349
15 Claims. (Cl. 250—20)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



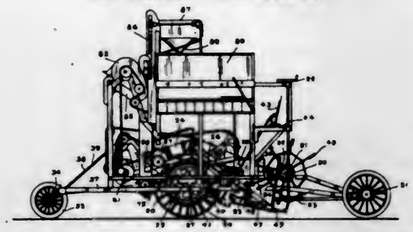
1. A multistage ultra high radio frequency amplifier with a single concentric transmission line as the only coupling impedance between each stage, each of said coupling impedances being arranged with its longest dimension in parallel planes, means for independently adjusting the electrical length of each of said concentric transmission lines including a metallic plunger concentric with each line and movable along the length of each line and additional means for varying the electrical length of all of said concentric transmission line in unison, by simultaneously varying the position of each of said plungers.

2,132,209
ROOFING
Earle R. Greenlee, Detroit, Mich.
Application October 7, 1937, Serial No. 167,684
3 Claims. (Cl. 108—7)



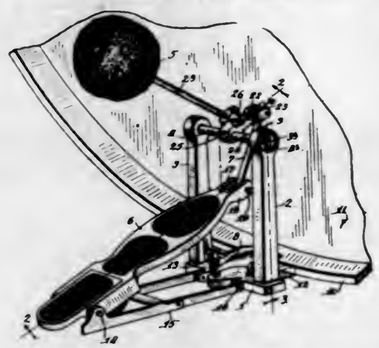
1. In a roofing, a shingle member arranged to be laid in horizontal overlapping relation with other shingle members, each shingle member being provided with a series of spaced notches in the upper edge and with a groove extending transversely of each shingle from each notch to the lower edge of each shingle on the underside.

2,132,210
COMBINE MACHINE
Peder Hanson, Elrose, Saskatchewan, Canada
Application September 21, 1936, Serial No. 101,829
In Canada June 22, 1936
13 Claims. (Cl. 56—20)



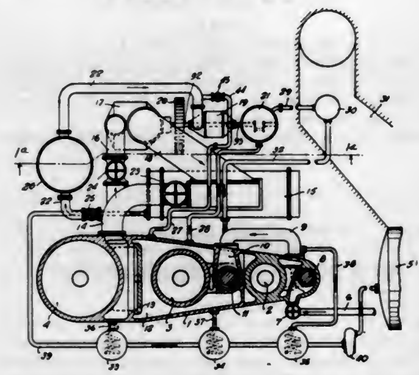
12. In a combine harvester machine comprising a carriage having propulsion means therefor, a grain cutting means mounted on the front thereof, a rotatable separator cylinder mounted laterally on said frame, grain conveyor means from said cutting means to said cylinder, a casing adjacent said cylinder, a fan rotatably mounted therein, and means admitting air thereto and an outlet therefor, a tray positioned laterally in said casing and extending partially below the cylinder, a semi-circular trough formed in said tray, a rotatable auger operating therein, straw and chaff conveyor means rotatably mounted in said casing and angularly disposed therein, the lower end thereof being partially below the separating cylinder and the upper end being above the casing outlet, a grain re-cleaner casing mounted above the separator casing, an endless chain elevator carrying the grain from the latter to the former, a delivery chute from said elevator means to the interior of said casing, a rotatable auger mounted laterally in the casing below the said chute, a rotatable fan mounted laterally in said casing above said chute and said auger, an angularly disposed rotatable conveyor mounted laterally in the said casing carrying the refuse from the bottom thereof to the exit, a semi-circular catch trough below said chute wherein said auger rotates, exit means at one end of said trough, a screen drum, elevator means conveying the re-cleaned grain from the re-cleaner thereto, a hopper below said drum and a storage bin associated therewith.

2,132,211
BASS DRUM BEATER
Walter Hueckstead, Chicago, Ill.
Application November 27, 1936, Serial No. 112,893
7 Claims. (Cl. 84—422)



1. A device of the class described comprising a beater ball and a foot board connected thereto for operating the same, a rock shaft for carrying said beater ball adapted to be rocked by depressing said foot board, supporting posts for carrying and housing the ends of said rock shaft, and mechanism in at least one of said posts for effecting a return movement of said rock shaft after said foot board is depressed comprising a spring pressed rod in said post and an eccentric pin, said pin being formed at one end of said rock shaft and bearing against said spring pressed rod.

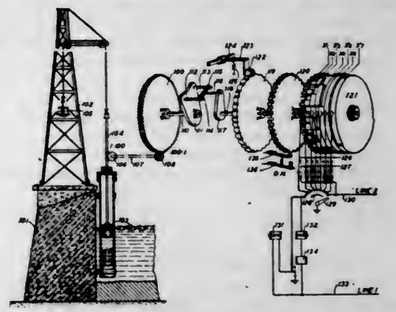
2,132,212
MEANS FOR UTILIZING EXHAUST STEAM
Johan Erik Johansson, Goteborg, Sweden, assignor to Aktiebolaget Götaverken, Goteborg, Sweden, a corporation of Sweden
Application November 17, 1933, Serial No. 698,512
In Sweden June 5, 1928
4 Claims. (Cl. 60—21)



1. In a steam power plant, a reciprocating steam engine having a plurality of cylinders for multiple stage expansion of steam in the engine, said cylinders being double acting and the opposed ends of the same cylinder operating to expand steam through the same pressure range, means for admitting steam to and exhausting steam from each of said cylinders, a compressor, a turbine for driving said compressor, a conduit for conducting steam exhausted from one of said cylinders to the suction side of said compressor and a second conduit for conducting compressed steam from said compressor back to said engine for reexpansion therein, said compressor being constructed to operate with maximum efficiency when steam is supplied thereto at a rate equal to at least one and one-quarter times but not exceeding two and one-half times the average rate at which steam is delivered by the engine.

3. In a steam power plant, a reciprocating engine having a plurality of cylinders for serial expansion of steam therein, means for admitting steam to and exhausting steam from each of said cylinders, steam pumping means, a conduit for conducting steam exhausted from one of said cylinders other than the high pressure cylinder with the suction side of said pumping means, a second conduit connecting said one of said cylinders with the suction side of said pumping means, valve means for controlling flow of steam through said second conduit, said valve means being opened and closed in accordance with the position of the crank shaft of said engine to permit steam to flow through said second conduit during a predetermined period of the engine cycle, and a third conduit for returning the steam delivered from said pumping means to said engine for further expansion therein.

2,132,213
RECORDER OF LIQUID LEVEL HEIGHTS
George A. Locke, Glenwood Landing, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 12, 1936, Serial No. 68,378
8 Claims. (Cl. 73—313)

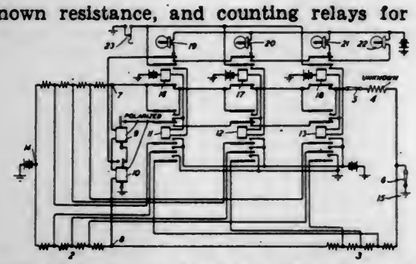


1. A system for indicating measured quantities of a changeable mass comprising means for translating each of the measurements of said quantities into a combination of electrical current impulses, a second means for translating said combination of electrical current impulses into a plurality of combinations of electrical current impulses, and a recording device responsive to said plurality of combinations for giving, whenever desired, a permanent record in quantitative terms, of the changed mass.

2,132,214
MEASURING SYSTEM
Oscar Myers, Brooklyn, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application January 27, 1937, Serial No. 122,579
10 Claims. (Cl. 175—183)

1. A bridge circuit having three sides of variable resistance and one side of fixed and un-

known resistance, and counting relays for re-



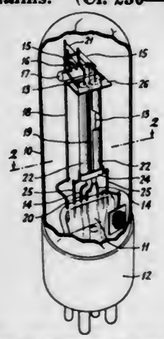
moving increments of resistance from the variable sides to approach a balance with the fixed side.

2,132,215
VALVE FOR CONTROLLING PRESSURE AND RATE OF SUPPLY OF FLUIDS
Malcolm Tarlton Phillipps, Henley Beach, Australia
Application August 23, 1934, Serial No. 741,069
In Australia September 1, 1933
8 Claims. (Cl. 251—78)



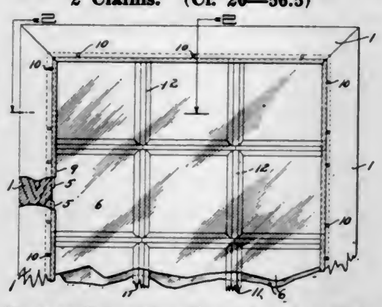
7. In a device of the class described, the combination of an annular valve seat, an open ended cylinder free from obstructions in its bore and having one end slidably guided in the seat and provided with valve forming means for engaging the seat, means for directing high pressure fluid simultaneously into opposite ends of the cylinder in all of its positions relative to the seat and the wall of said cylinder provided with a plurality of discharge perforations located between the valve forming means and the said end slidably guided in the seat, the opposite ends of said valvular construction presenting the same formation and area to the fluid.

2,132,216
TUNING INDICATOR TUBE
Herbert Nelson, Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, a corporation of Delaware
Application July 31, 1936, Serial No. 93,539
2 Claims. (Cl. 250—27.5)



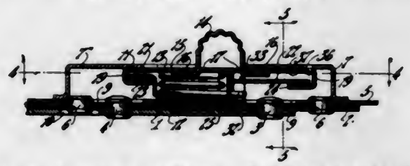
1. An electron discharge device having an envelope, a pair of straight parallel thermionic cathodes within the envelope for emitting electrons, a straight filamentary anode positioned between and parallel to said cathodes for receiving electrons from said cathodes, and a control electrode for each cathode and comprising a tubular conductor partially surrounding the cathode and having parallel to the cathode and opposite the anode an opening through which electrons reach the anode.

2,132,217
SASH CONSTRUCTION
Julius C. Neuendorf, Detroit, Mich.
Application March 30, 1937, Serial No. 133,799
2 Claims. (Cl. 20—56.5)



1. In a sash construction, a rectangular sash having an inwardly extending rib on each side, a pair of glass panes for the sash, a rubber channel extending about the edge of each glass pane, the glass panes being positioned on opposite sides of the ribs with the rubber channels engaging the ribs, a series of spring flanges secured to each side of the sash and pressing the glass panes toward each other to provide a sealed air space between the glass panes and a series of muntin bars assembled together and positioned between the glass panes, the muntin bars dividing the sealed air space between the glass panes into a series of air pockets.

2,132,218
FLASHLIGHT SWITCH
Wesley J. Officer, Hampden, and Orville T. Wood, Clinton, Mass., assignors to Blake Manufacturing Corporation, Clinton, Mass., a corporation of Massachusetts
Application June 6, 1936, Serial No. 83,880
14 Claims. (Cl. 200—60)



1. In a circuit closer for flashlights and electric hand lanterns, in combination, a relatively fixed part comprising a battery containing casing portion and housing means relatively fixed with respect to the casing portion and formed with an opening and enclosing a switch contact, said relatively fixed part being formed with a plurality of recesses disposed in predetermined spaced relation, and a movable member part relatively loosely received in the housing means and adapted to be reciprocated therein, manually engageable means carried with the movable member part and disposed in the opening of the

housing means to effect movement of said movable member part, and a coil spring carried with the movable member part whereof at least one free end extends away from the coils, said movable member part being formed with a cut-away portion receiving a portion of the coil spring and thereby positioning the coil spring with respect thereto, said free end being selectively engaged with the recesses, respectively.

2,132,219
GOLF CLUB
John Pirie, Lynbrook, N. Y.
Application June 19, 1937, Serial No. 149,071
10 Claims. (Cl. 273—81)



1. A golf club having a shaft and a head, and a hand-hold connected to said shaft by connecting means which are sufficiently flexible to permit the shaft to swing freely and in a pendulum-like movement relative to said hand-hold, and in a direction perpendicular to the striking face of said head, in making a stroke.

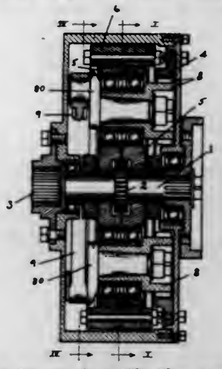
2,132,220
FLOOR CONSTRUCTION OR THE LIKE
Eugene S. Powers, Haddonfield, N. J.
Application August 29, 1936, Serial No. 98,547
20 Claims. (Cl. 72—71)



1. A structure for a composite floor, roof, deck system or the like, comprising a metal joist having cleats secured to it at intervals along its length and extending laterally substantially at right angles to and upward from the joist to engage with a non-metallic slab to be formed on the joist, in which the spacing of the cleats, in inches proceeding from the ends of the joist to the centre of the span, when the floor system is designed for a uniformly distributed load, is approximately a constant divided by the distance from the centre of the span to the approximate centre of the space being determined.

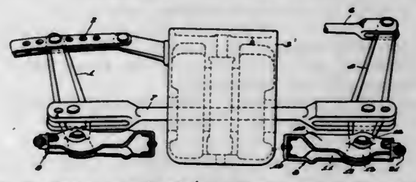
2,132,221
POWER TRANSMISSION
John J. Rullancich, New Kensington, Pa.
Application September 14, 1937, Serial No. 163,817
7 Claims. (Cl. 74—259)

1. In a power-transmitting device, a drive shaft and a driven shaft, each equipped with a rigidly borne gear-wheel, a disk idly mounted in axial alignment with the drive shaft, two gear-wheels rotatably mounted on said disk on axes of rotation parallel with and spatially remote from the axis of the drive shaft, one of said gear-wheels being asymmetrical in mass distribution and being in mesh with the gear-wheel borne by the drive shaft, and the other of said disk-borne gear-



wheels being in mesh with the gear-wheel with which the driven shaft is equipped, a second disk idly mounted in axial alignment with the drive shaft, and means for effecting relative oscillation between the two said disks through a constant range and in synchronism with rotation upon its axis of the said gear-wheel of asymmetrical mass distribution.

2,132,222
BRAKE BEAM STRUT AND LEVER ASSEMBLY
Frederic Schaefer, Pittsburgh, Pa.
Application August 28, 1937, Serial No. 161,397
11 Claims. (Cl. 188—231)

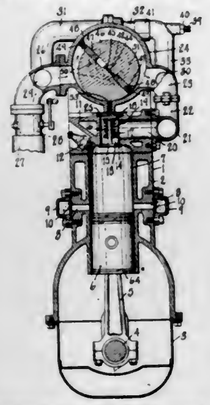


1. Railway car brake rigging comprising a bifurcated brake beam strut provided with aligned openings, a brake lever extending through said strut and provided with an opening in line with the strut openings, said lever opening being surrounded by an integral boss, and a pivot pin disposed in all of said openings, the lower edge portion of one side of the strut projecting inwardly under said boss.

2,132,223
TWO-CYCLE SUPERCHARGED INTERNAL COMBUSTION ENGINE
Joe Louis Slatinsky, Mattawan, Mich.
Application April 30, 1936, Serial No. 77,154
Renewed March 4, 1938
15 Claims. (Cl. 123—65)

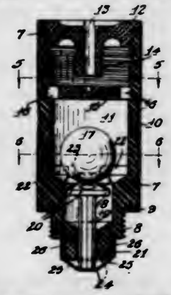
11. In a two-cycle internal combustion engine, a cylinder having radial exhaust ports and an axial intake port, flap valves associated with said exhaust ports, and a poppet valve associated with said intake port adapted to be actuated by the pressure of combustion mixture therein, a spring normally actuating said intake valve to close said intake port against said pressure, a piston

reciprocable in said cylinder and a crankshaft actuating the piston, an intake manifold, a supercharger connected to said manifold by a discharge conduit and comprising a circular pump cylinder, a shaft mounted eccentrically therein, a rotatable impeller on said shaft having radial slots, impeller blades slidable in said slots, said blades being retarded approximately 45° relative to said crankshaft, a cam track concentric with



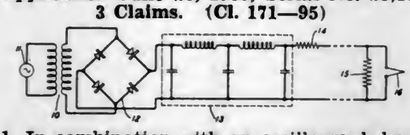
said pump cylinder, and followers carried by said blades in said track for maintaining the blades in contact with the inner periphery of said pump cylinder, means connected to said pump cylinder for supplying combustion mixture thereto, and means for by-passing said mixture from said discharge conduit back to said supply means when said intake valve is held in closed position, comprising a by-pass conduit having a spring pressed valve therein.

2,132,224
VENT PLUG
Almond H. Snyder, Lancaster, N. Y., assignor to National Battery Company, St. Paul, Minn., a corporation of Delaware
Application January 8, 1937, Serial No. 119,576
1 Claim. (Cl. 251—147)



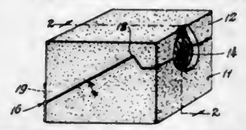
A vent plug comprising, a hollow cylindrical body having axially disposed inlet and outlet passages communicating with its lower and upper ends respectively and formed at its normally lower end with a reduced, tubular extension adapted to project through an opening in the cover of a battery or other container to be vented, a valve comprising a thin, elastic diaphragm capping the lower end of said tubular extension to close said inlet passage, said valve having apertures therethrough, offset from the axis of said body, a stem for actuating said valve movable in said inlet passage and formed with a head on its normally upper end to prevent removal of said stem downwardly through said inlet passage and a weight movable in said body and normally resting on said head for operating said stem to extend said valve to open position, said weight being arranged to release said stem and permit the closing of said valve upon the tilting of said body through a predetermined angle of departure from the vertical.

2,132,225
TIMING APPARATUS
Victor Subrizi, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 26, 1935, Serial No. 28,474
3 Claims. (Cl. 171—95)



1. In combination with an oscillograph having means for producing an oscillogram, means cooperating therewith for timing said oscillogram comprising a source of electric current, means connected to said current source adapted to produce therefrom a series of sharply defined non-sinusoidal current peaks of predetermined frequency, a string-type galvanometer responsive to said current peaks and adapted to record their traces adjacent to and simultaneously with the recording of the oscillogram to be timed.

2,132,226
DEMONSTRATION MODEL
Frank Wahlberg, Brooklyn, N. Y., assignor to Durex Products, Incorporated, New York, N. Y., a corporation of New York
Application February 27, 1937, Serial No. 128,142
7 Claims. (Cl. 35—17)

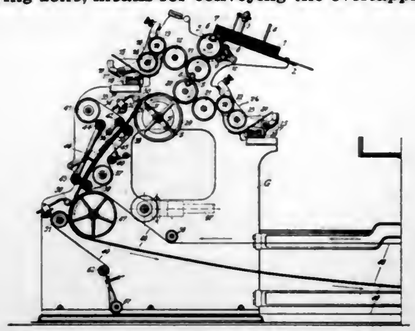


1. A physiological or anatomical model of an occluded cavity of the human body and its circumjacent tissues, said model comprising a pair of elements having the cavity wall portions, at least, composed of yieldable material, and adapted to be assembled, and having an orifice representing an orifice of the body affording access to body organs or parts confined within and bounding said cavity, said elements being separable to permit direct access to said normally occluded parts.

2,132,227
PROCESS AND APPARATUS FOR THE MANUFACTURE OF ENVELOPES, BAGS, AND OTHER LIKE ARTICLES
Alfred Winkler and Max Dünnebier, Neuwied, Germany
Application September 14, 1937, Serial No. 163,754
In Germany June 2, 1937
17 Claims. (Cl. 93—62)

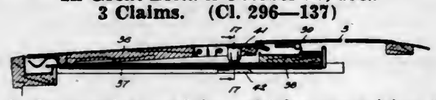
4. Apparatus for use in the manufacture of envelopes, bags, and similar articles from shaped blanks, comprising means for feeding the blanks separately and successively, means for impressing printing upon one side of each separated blank, means for receiving the printed blanks and for arranging same in overlapping, stepped relation,

means for spreading gum upon the exposed parts of the closure flaps of the overlapping blanks, a drying zone, means for conveying the overlapping



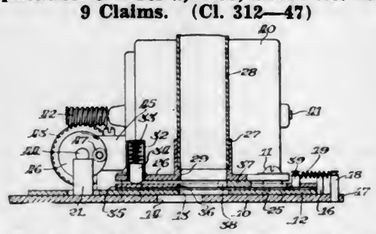
blanks to the drying zone to dry the printing and the gummed flaps simultaneously, and means for receiving and separating the blanks beyond the said drying zone.

2,132,228
OPENING ROOF FOR VEHICLE BODIES
William Henry Bishop, Birmingham, England, assignor to Weathershields Limited, Birmingham, England
Application October 21, 1933, Serial No. 694,566
In Great Britain October 25, 1932
3 Claims. (Cl. 296—137)



1. An opening roof for vehicles comprising an opening in the front part of the roof, a canopy covering the rear part of the roof, and a longitudinally slidable panel for covering the opening in the front part of the roof, said panel consisting of a base part sliding in horizontal guides extending below the canopy and an upper part secured to the base part adjacent to its front edge and free at its rear edge, and fixed means, automatically functioning with the continuous sliding of the panels, for raising the rear edge of said upper part of the panel, independently of the base, flush with the canopy when closed and for optionally lowering it to allow the panel to slide under the canopy, the base part of the panel remaining in the same plane whether open or closed.

2,132,229
JAMPROOF CHECK EJECTOR
Charles J. Breitenstein, Chicago, Ill., assignor to Raymond T. Moloney, Chicago, Ill.
Application October 2, 1936, Serial No. 103,739
9 Claims. (Cl. 312—47)



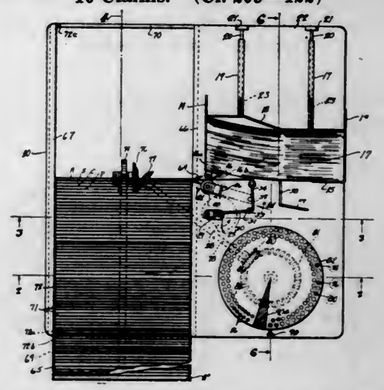
1. In a check delivery apparatus having an upright magazine, a main ejector member mounted for horizontal to and fro movement in relation to the lower end of the magazine to eject checks therefrom, a motor device including means to drive the main ejector member, the combination with said main ejector member of an auxiliary ejector member carried above the main ejector member and adapted for to and fro movement with the main ejector member to eject distorted or worn checks tending to jam the main ejector member, means for yieldingly mounting the said auxiliary ejector member for upward movement against spring pressure, and means for normally spacing the main and auxiliary ejectors a slight distance apart.

2,132,230
PROTECTIVE COATING AND PROCESS OF APPLYING AND REMOVING
Lloyd G. Copeman, Flint, Mich., assignor to Copeman Laboratories Company, Flint, Mich., a corporation of Michigan
Application January 17, 1934, Serial No. 706,954
5 Claims. (Cl. 91—68)



1. In the art of temporarily protecting articles having at least a portion of the exposed surface area formed of textile material during handling, shipping, storage and the like, the process of protecting such surface of textile material which comprises first sealing the fibers of the textile material with a coating material, applying a coating of latex the rubber deposit from which will be prevented from adhering to the textile material by said initial coating whereby the said textile material will be temporarily protected during handling, shipping and the like, and which coating of latex may be easily stripped from the treated textile material to expose the protected surface.

2,132,231
APPARATUS FOR SORTING FLEXIBLE SHEET MATERIAL
John F. Dunser, Richmond Heights, Mo.
Application July 10, 1937, Serial No. 153,071
10 Claims. (Cl. 209—122)



1. In a device for separating and feeding and sorting individual sheets from a supply thereof, means for separating and edgewise displacing the sheets, one at a time, in a substantially fixed

plane, a receiver formed to provide a plurality of spaced planes of deposit for the sheets, and a bodily shiftable assembly of selector keys, a positive mechanical connection between the key assembly and the receiver, arranged upon actuation of the assembly of keys, for moving the receiver and locating same in definite positions with the last said planes in selective, substantial coincidence with said plane of feeding.

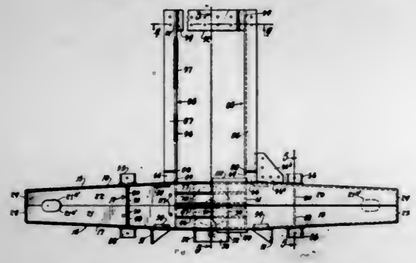
2,132,232

CAR BODY BOLSTER

Otho C. Duryea, Waterbury, Conn., assignor to O. C. Duryea Corporation, New York, N. Y., a corporation of Delaware

Application July 30, 1936, Serial No. 93,435

14 Claims. (Cl. 105—228)



1. A body bolster of the kind described comprising a pair of substantially matched metallic pans, each including a shear resisting diaphragm, a tension member and a compression member, the edges of said members of the pan being welded together, there being a pair of laterally spaced sill openings in each diaphragm, and a bracing arrangement in each pan adjacent said diaphragm openings, each arrangement comprising a plurality of transverse and longitudinal plates welded to each other and to parts of the associated pans.

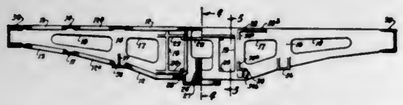
2,132,233

CAST RAILWAY CAR BODY BOLSTER

Otho C. Duryea, Waterbury, Conn., assignor to O. C. Duryea Corporation, New York, N. Y., a corporation of Delaware

Application November 2, 1936, Serial No. 108,784

13 Claims. (Cl. 105—230)



1. A railway car body bolster for a Duryea type of underframe comprising an integral casting embodying therein a compression member and a tension member, a center brace structure between the mid portions of said members and formed to provide sill openings which extend transversely through the bolster, shear resisting diaphragms between those parts of said compression and tension members respectively outwardly of the center brace structure, and torsion arm attachment means integral with a part of the bolster and comprising pairs of top and bottom arms projecting laterally from one side of said bolster part with a pair of such arms adjacent one side of each sill opening.

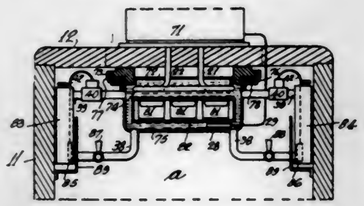
2,132,234

REFRIGERATING SYSTEM AND APPARATUS

George Fick, Brooklyn, N. Y., assignor to Matthew H. Loughridge, Bogota, N. J., trustee

Application August 9, 1934, Serial No. 739,109

16 Claims. (Cl. 62—95)



14. A refrigerator comprising a housing having a removable wall portion, an annular member having a flange secured to said wall portion, a cooling coil removable with said wall portion, means for circulating a refrigerant in said coil, and a casing in said housing supported independently of said removable wall portion and registering with said annular member to form an enclosure for said coil.

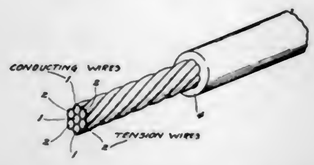
2,132,235

INSULATED ELECTRIC CONDUCTOR

Richard Duane Green, Trenton, N. J., assignor to John A. Roebling's Sons Company, Trenton, N. J., a corporation of New Jersey

Application March 13, 1934, Serial No. 715,268

2 Claims. (Cl. 173—264)



1. An insulated stranded conductor consisting of a plurality of wires some of which are copper of high conductivity and the remainder steel of high elastic limit and high tensile strength, each of said wires being coated with low-melting protective metal having the properties of metal set from a molten state, said protective coatings being integral with each other at their respective places of contact and firmly connected with each other by an integral mass of metal filling the interspaces between the inner portions of the respective surfaces of the wires, whereby creeping of the individual wires is prevented, the united stranded wires being embedded in vulcanized rubber which forms an insulating coating surrounding the stranded wires.

2,132,236

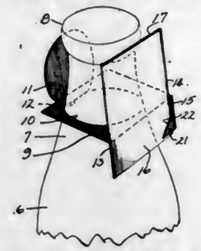
ADVERTISING DISPLAY OR HANGER FOR BOTTLES

John M. Greene, Waukesha, Wis.

Application March 20, 1936, Serial No. 69,922

13 Claims. (Cl. 40—4)

2. A bottle hanger comprising the combination with a collar having a bottle receiving opening, of a leaflet comprising at least two pages folded upon each other and provided with means connecting at least one of said pages to said collar, and integral means for detachably holding said pages closed upon each other pending release.



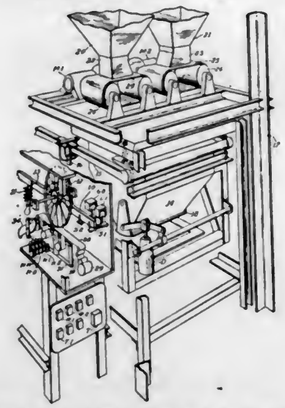
2,132,237

WEIGHING APPARATUS

Otto P. Haegele, Chicago, Ill., assignor to Streeter-Arnet Company, Chicago, Ill., a corporation of Illinois

Application March 8, 1935, Serial No. 10,038

17 Claims. (Cl. 249—2)



1. Apparatus of the character described comprising in combination a scale having a weight responsive member whose position indicates the weight of the load on the scale, means for delivering a charge of material to said scale to be weighed, delivery controlling means including a follower adapted to be associated with said load responsive member to secure the delivery of a charge of material of predetermined weight and including an adjustable stop adapted to interrupt movement of said follower at a predetermined weight, thereby to interrupt delivery of materials to said scale, said control means allowing a small quantity of material to fall on said scale after interruption of delivery thereby to move said weight responsive member out of engagement with said follower, and weight exhibiting means adapted independently to exhibit the true weight of the load on said scale.

2,132,238

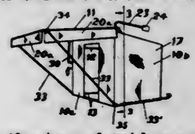
CONVERTIBLE ROOF STRUCTURE FOR TENTS, CABANAS, AND THE LIKE

James Garland Haisty, Yonkers, N. Y.

Application May 20, 1937, Serial No. 143,637

5 Claims. (Cl. 135—1)

1. A convertible roof structure for tents, cabanas, small buildings, trailers and the like, comprising a plurality of substantially vertical walls dividing off a space for persons, a roof structure engaging over said walls for closing the top of said space and hingedly connected at one side to the top of one of said walls, and means for revolving and holding said roof structure on said hinged side in various raised and extended positions to open the top of said space and to extend outwards of said connected wall to form an awning, said wall which is connected with the roof structure being formed with a door so that in the extended position of the roof structure it extends frontwards of the door to form a porch for the front of the device.



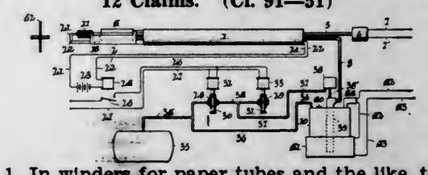
2,132,239

APPLICATOR MEANS FOR PAPER TUBE WINDERS

John K. M. Harrison, Ogontz, Pa.

Application March 20, 1936, Serial No. 69,806

12 Claims. (Cl. 91—51)



1. In winders for paper tubes and the like, the combination with the mandrel on which the tube is formed, of a driven applicator roll projecting slightly beyond the circumferential confines of said mandrel and adapted to apply a thermoplastic coating to the interior surface of said tube incidental to its production, an electric heater below the applicator roll, and a thermocontrol means associated with said heater whereby the coating is maintained at the requisite fluency for application.

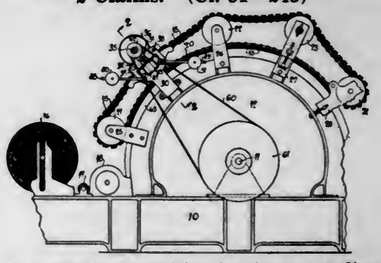
2,132,240

MEANS FOR GRINDING CARD FLATS

Orville L. Hope, East Gastonia, N. C.

Application March 8, 1937, Serial No. 129,644

2 Claims. (Cl. 51—243)



1. In a carding machine having a carding cylinder equipped with card clothing provided with teeth and having a pair of endless chains to which the flats are secured and said flats having teeth therein for cooperation with the teeth on the card clothing, apparatus for grinding the teeth on the flats comprising a grinding cylinder disposed transversely of the machine and in alinement with the flats, fixed cam means

for engaging the upper surfaces of the extremities of the flats as they approach and move past the grinding cylinder, a pair of weighted, pivoted and oppositely directed levers having side by side cam portions for engaging the extremities of the flats in the same vertical plane in which said fixed cam means are disposed to hold the flats against said cam means while the teeth thereof are engaged by said grinding cylinder, and means for engaging the central portion of the flats for holding their central portion in the same horizontal plane occupied by the extremities of the flats while the flats are in grinding position.

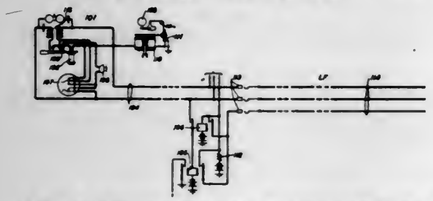
2,132,241

TELEPHONE SYSTEM

Henry Hovland, Williston Park, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application June 11, 1935, Serial No. 26,014

9 Claims. (Cl. 179—6.3)



1. In a telephone system, a telephone line having a pay station thereon, automatic switches for extending said line, switch-hook contacts and an impulse dial at said pay station, automatic switches responsive to impulses sent by said dial, means responsive to the deposit of a coin at said pay station for establishing a ground connection thereat to both talking conductors of said line, the ground connection to one of said talking conductors depending on said switch-hook contacts, and off-normal contacts for said dial for removing said ground connection from both sides of the line.

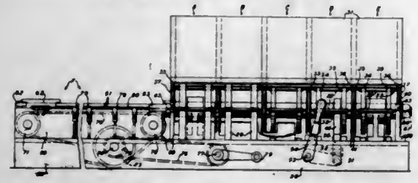
2,132,242

ASSEMBLING APPARATUS

Carl V. Lundeen, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application December 19, 1936, Serial No. 116,673

10 Claims. (Cl. 29—84)



1. An apparatus for assembling electrical fuses, comprising a hopper to hold and deliver a plurality of fuse bodies, a conveyor to receive a fuse body therefrom and to place the same in a predetermined location and orientation, and a reciprocatory needle to pass through the body in one direction and to be secured to a strand of fuse wire and to return through the body to draw the wire thereinto, in combination with a tool coacting with the conveyor to sever the wire outside the body at either side thereof and to deform the ends of the segment of wire in the body to lock the segment in place in the body.

2,132,243

METHOD OF PREPARING A CASEIN PAINT

Arnold J. Menaker, Chicago, Ill., assignor, by mesne assignments, to Atlantic Research Associates, Inc., a corporation of Delaware

No Drawing. Application April 22, 1935, Serial No. 17,741

2 Claims. (Cl. 134—50)

1. A method of making casein paint which consists in first mixing in a dry state powdered casein with borax, ammonium oxalate, sodium fluoride, talc and mica, then incorporating the dry mixture into water heated to at least 180° F., introducing pulp lithopone into the solution before the addition of the casein has been completed, and then mixing the mass thoroughly to form a smooth, semi-liquid paste, requiring no grinding.

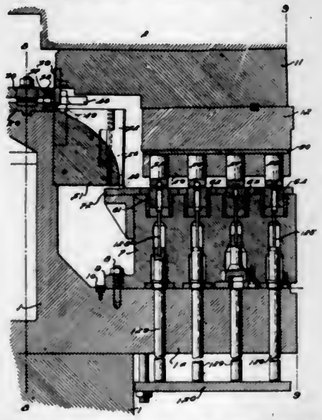
2,132,244

AUTOMATIC PROGRESSIVE DIE FOR STUD, BOLT, AND SCREW BLANKS

Clement C. Richard, Bloomfield Hills, Mich., assignor, by mesne assignments, to Allied Products Corporation, Detroit, Mich., a corporation of Michigan

Application February 18, 1935, Serial No. 7,061

20 Claims. (Cl. 10—12)



1. The method of forming screw blanks, bolts, studs and like parts from stock of greater cross sectional area than that of the body of the completed part, which consists in cutting slugs of the necessary length in succession from the stock, passing the slugs in succession through a series of forming stations in consecutive order at each of which a part of the forming operation is performed simultaneously with the severing of a slug from the stock to thereby completely form a blank each time a slug is cut from the stock.

5. Mechanism for forming screw blanks, bolts, studs and like parts from round stock comprising a feeding mechanism, a cutter for cutting a portion of the desired length from the rod stock to form a slug, a series of forming devices each adapted for the performance of a part of the work required in forming the completed blank, means for simultaneously operating the cutting and forming devices, and mechanism for automatically passing the slug from the cutter through each of the forming devices.

2,132,245

HEDDLE FOR CIRCULAR LOOMS

Vernon E. Royle, Paterson, N. J.

Application September 8, 1937, Serial No. 162,837

8 Claims. (Cl. 139—94)

1. A heddle for circular looms comprising, a

flat bar of thin metal having a longitudinal slit therein and forming two resilient portions intermediate its ends, said portions being movable



edgewise in opposite directions, and a cylindrical guide eye removably secured in said slit between the resilient portions.

2,132,246

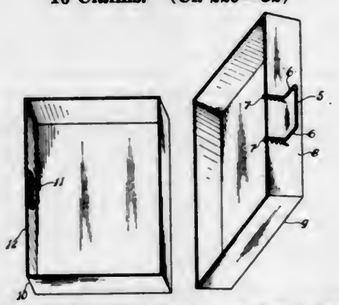
HANDLE ATTACHMENT FOR PAPER BOXES

David H. Shapiro, Montreal, Quebec, Canada

Application April 17, 1937, Serial No. 137,458

In Canada January 12, 1937

16 Claims. (Cl. 229—52)



4. A metal handle attachment for paper boxes of the character described comprising a bail having its side arms bent to form a single pair of spring clips, said clips being arranged in planes each extending at an angle to the plane of the bail.

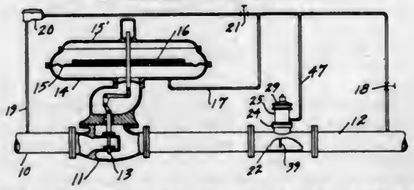
2,132,247

AUTOMATIC FLUID PRESSURE CONTROLLER

Archie M. Spencer, Columbus, Ga.

Application May 20, 1935, Serial No. 22,393

6 Claims. (Cl. 50—16)



1. In apparatus for regulating the pressure of gas in a pressure line under variable demand, a main pressure regulator comprising a valve biased by constant pressure toward an open position and pressure actuated means comprising a diaphragm open to the atmosphere on one side for closing the valve, a by-pass line connecting the high pressure and low pressure sides of the pressure line, a connection from said by-pass to the pressure regulator to operate the pressure actuated means thereof, a throttling device in the by-pass between the latter connection and the by-pass connection to the high pressure side of the pressure line, a quick acting valve means beyond the throttling device for varying the pressure in the by-pass line, a pivoted vane in the pressure line on the low pressure side of the main pressure regulator adapted to move responsive to flow conditions in the pressure line, and a connection between the vane and the last mentioned valve means to operate the latter.

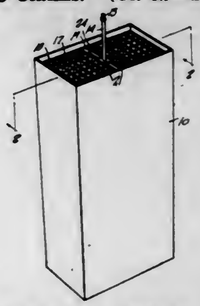
2,132,248

ICE CUBE FREEZING DEVICE

John W. Toyne, South Bend, Ind.

Application August 16, 1937, Serial No. 159,238

8 Claims. (Cl. 62—108)



1. A device of the character described comprising a container, an air chamber at the bottom of said container, and a plurality of open ended partitioned trays in said container supported by said chamber in superimposed relation, said trays being apertured whereby each section thereof is in communication with the adjacent sections thereof and of adjacent trays, said chamber having apertures therein registering with apertures in the lower tray and of a restricted size compared with said tray apertures, said air chamber being adapted to contain air under pressure greater than the pressure of water on said chamber at said registering apertures.

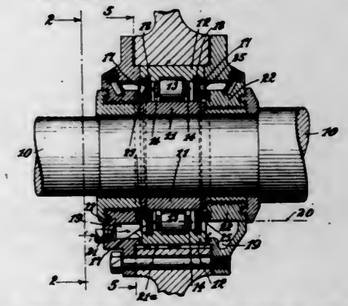
2,132,249

OIL LUBRICATED MOUNTING

Arthur A. Van Pelt, Pittsburgh, Pa., assignor to Norma-Hoffmann Bearings Corporation, Stamford, Conn., a corporation of New York

Application December 23, 1937, Serial No. 181,378

4 Claims. (Cl. 308—187)



1. In a mounting having a housing, a shaft,

an inner race ring, an outer race ring, antifriction members therebetween, a lubricant reservoir, at the lower part of said race rings, sealing members extending from one race ring to the other to enclose the space therebetween, the combination therewith of a lubricant confining member disposed between the seal and the housing for preventing lubricant from passing from the reservoir to the shaft.

2,132,250

MANUFACTURE OF ETHYL ALCOHOL FROM INDIAN CORN

Theodore B. Wagner, New York, N. Y.

No Drawing. Application March 28, 1934, Serial No. 717,834
7 Claims. (Cl. 195—16)

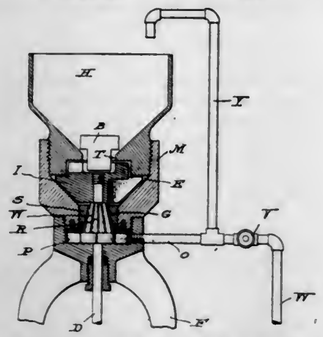
1. The manufacture of substantially pure ethyl alcohol practically devoid of fusel oil from Indian corn which comprises leaching Indian corn with hot water containing sulfur dioxide to dissolve water soluble substances and amino acids, washing the thus-leached corn with water to free it from water-soluble substances including amino acids, subjecting the wash waters to the Abderhalden "ninhydrine" test to determine the presence of amino acids, continuing the said washing with fresh water until said test gives negative results to produce leached corn freed from amino acids, cracking the leached corn to produce a mass containing cracked corn and oil bearing germs, separating the said germs from said cracked corn, subjecting said degerminated cracked corn freed from amino acids and containing hulls to the action of heat in the presence of water and a small amount of malt to liquefy and then to saccharify the same, cooling the liquefied and saccharified mass, fermenting the said cooled mass at about 65° F. to about 80° F. in the presence of "distiller's seed yeast" to produce ethyl alcohol, and distilling the said fermented mass to obtain substantially pure ethyl alcohol practically devoid of fusel oil.

2,132,251

MANUFACTURE OF STARCH FROM INDIAN CORN

Theodore B. Wagner, Brooklyn, N. Y.

Application June 18, 1935, Serial No. 27,186
7 Claims. (Cl. 127—69)



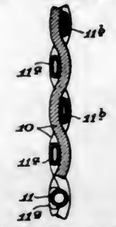
7. The improvement in the manufacture of starch from Indian corn which comprises establishing a flowing stream of liquid starch milk having a specific gravity corresponding to about 6° Beaumé containing particles of starch and gluten and under high pressure, homogenizing said flowing stream and incorporating minute bubbles of air finely dispersed within said flowing stream under high pressure, whereby said minute bubbles become associated with said gluten particles, forcing said homogenized and aerated flowing stream through a gap of minute clearance whereby said high pressure is maintained, and effecting a separation of starch particles from gluten particles and associated air by means of the buoyant effect of said air bubbles while in said flowing stream.

2,132,252

WOVEN-WIRE BELT FOR PAPER MAKING MACHINES

Louis Nicholas Weber, Appleton, Wis., assignor to Appleton Wire Works, Inc., Appleton, Wis., a corporation of Wisconsin

Application January 5, 1938, Serial No. 183,461
7 Claims. (Cl. 139—425)



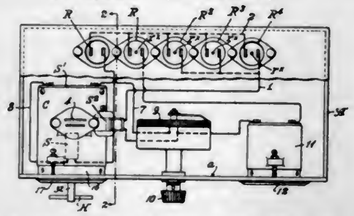
1. Woven wire fabric for paper making machines comprising interwoven warp and weft wires with knuckles produced in both the warp and weft wires, the warp wires throughout their length being of non-circular cross-section elongated in one dimension with flattened upper and lower faces of greater lateral extent than the thickness of the wire from top to bottom, said elongated dimension being parallel to the plane of the woven wire fabric whereby the weft knuckles cross the flattened faces of the warp wires and have their outer projected surfaces of a width substantially co-extensive with that of said flattened faces, the weft wires being tubular whereby they are deformable at their intersections with said warp wires to produce substantially flattened knuckles.

2,132,253

ELECTRIC CIRCUIT CONTROL MECHANISM

Carl G. Wirt, Jackson Heights, N. Y.

Application June 5, 1935, Serial No. 25,032
5 Claims. (Cl. 194—9)



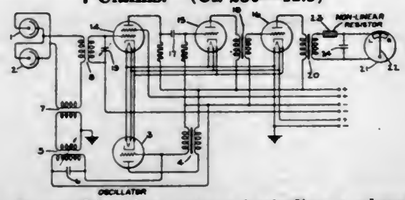
1. In a control box of the class described, conductors arranged to constitute a supply circuit in connection with a suitable source of current supply, and a plurality of branch circuits for dispensing usefully the currents so supplied, of which circuits one is adapted to be used as a test circuit independently of the other circuits; a plurality of electric switches adapted to interconnect and break said circuits; and a coin-controlled mechanism adapted to move coins of different dimensions for operating selectively at least one of said electric switches; said coin-controlled mechanism being further characterized by a main shaft element; a timing mechanism having a prime mover adapted to be wound up to actuate said main shaft element; a rotor having a coin pocket; and a coin chute adapted to receive coins of different dimensions and to deliver the same successively to said coin pocket.

2,132,254

STEERING OF CRAFT

Howard I. Beeker, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application May 20, 1936, Serial No. 80,735
7 Claims. (Cl. 250—41.5)



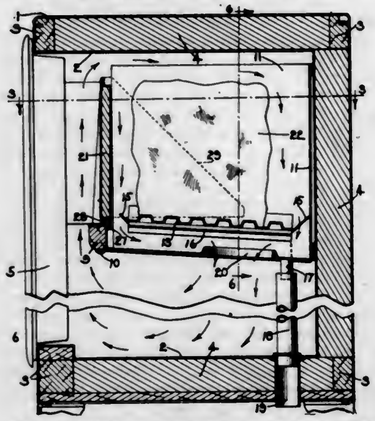
1. In combination, means including a plurality of radiant energy responsive devices for producing an alternating current whose positive and negative half cycles are proportional to the relative amounts of energy received by said devices, means for amplifying said alternating current, a device operative in one direction or the other in response to the polarity of the current supplied thereto and a non-linear resistor connected in circuit with said device and said amplifying means.

2,132,255

ICE REFRIGERATOR

Charles F. Belshaw, Greenville, Mich.

Application January 9, 1936, Serial No. 58,361
8 Claims. (Cl. 62—31)



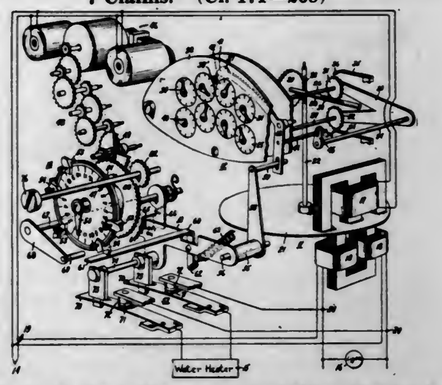
1. A refrigerator having a provision chamber, an opening leading thereto, a door for said opening and an ice chamber structure in said provision chamber, said ice chamber structure extending entirely across the provision chamber from side to side near the top thereof and located against the back of said provision chamber and spaced from the inner side of said front door and having an air entrance passage at its front upper portion and having a cold air flue through its lower side.

2,132,256

DUAL-LOAD METER

Donald G. Cameron, Lynn, Mass., assignor to General Electric Company, a corporation of New York

Application October 27, 1936, Serial No. 107,812
7 Claims. (Cl. 171—268)



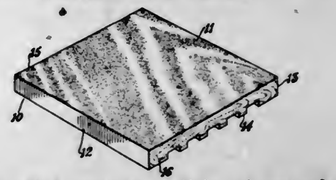
6. In a dual-rate meter including power-responsive integrating mechanism, a rotatable shaft carrying a worm wheel, a pair of register dials each including a driving shaft carrying a worm gear adapted alternately to mesh with said worm wheel, a time-switch unit having a movable member adapted to be moved to one or the other of two alternative positions according to the time, and supports for said dial shafts attached to said movable member in such relation as to cause one of said gears to mesh with said worm wheel when said movable member is in one position and to cause the other of said gears to mesh with said worm wheel when the movable member is in the other of its positions.

2,132,257

CERAMIC MANUFACTURE

Wade E. Duskey, Parkersburg, W. Va., assignor to United States Quarry Tile Company, Canton, Ohio, a corporation of Delaware

Application December 7, 1936, Serial No. 114,560
1 Claim. (Cl. 72—18)



An extruded ceramic article of manufacture having a body made of laminations of different ceramic constituents, and an extruded smooth exposed face in which the laminations terminate and provide variegated colors for the exposed face, extruded side and setting faces, and rough end faces in which the laminations terminate.

2,132,258

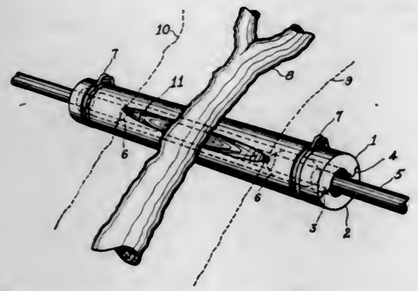
TREE GUARD FOR AERIAL WIRES

William B. Elmer, Winchester, Mass.

Application March 18, 1936, Serial No. 69,504
2 Claims. (Cl. 173—28)

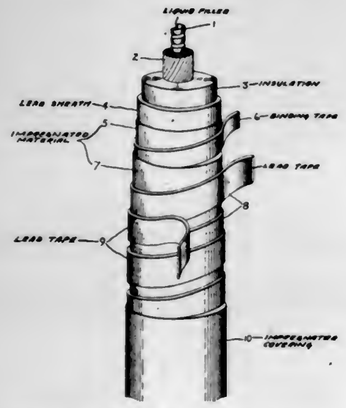
2. An abrasion resisting device for application to aerial wires or cables, consisting of a hard wood guard impregnated to a substantial depth

with a mixture of Montan wax and light oil having a melting point of not less than 120° F., said wooden portion being tubular and divided length-



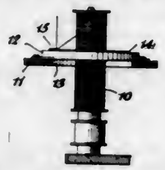
wise into two equal parts, mutually tongued and grooved, and means for securing same together and to the article to be protected.

2,132,259
ELECTRIC CABLE
Luigi Emanueli, Milan, Italy, assignor to Società Italiana Pirelli, a corporation of Italy
Application May 31, 1935, Serial No. 24,429
In Italy June 2, 1934
1 Claim. (Cl. 173—266)



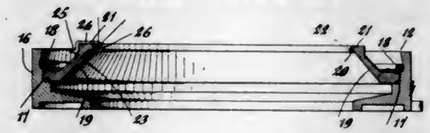
An electric cable comprising a single conductor having a central duct, insulation on the conductor, a filling of liquid for the duct which impregnates the insulation, said liquid expanding with increases of temperature of the cable, a unitary lead sheath snugly fitting over the insulation and capable of stretching with rise of pressure of the liquid as it expands under operating conditions, a covering of impregnated material surrounding the lead sheath, a strong metallic binding tape smoothly wound over said covering to render the sheath resistant to internal pressures, a covering of impregnated material surrounding said strong metallic tape, lead tapes wound around the last named covering, said tapes being wound in the same direction in overlapping relation with the outer tape covering the spaces between the edges of the turns of the inner tape and serving as a protection for said binding tape against external chemical action, and an impregnated protective covering for the lead tapes.

2,132,260
SPINNING RING AND TRAVELER THEREFOR
Charles Fillinger, Buffalo, N. Y., assignor to Herr Manufacturing Company, Inc., Buffalo, N. Y., a corporation of New York
Application April 10, 1937, Serial No. 136,162
10 Claims. (Cl. 118—59)



1. A device of the character described, comprising a supporting member through which a take-up spool is adapted to extend, a spinning ring for a traveler mounted on said member and having a plurality of traveler-engaging bearing faces thereon, the bearing portions and upper and lower edges of said ring being exposed and spaced from said supporting member, one of said faces extending outwardly and downwardly from the upper edge thereof in a straight oblique fashion to the horizontal, and a traveler mounted on said ring and having angularly-disposed portions engageable with said ring-bearing-faces, respectively, one of said traveler portions being straight and oblique for full bearing sliding contact with said oblique ring-face.

2,132,261
SPINNING RING AND TRAVELER THEREFOR
Charles Fillinger, Buffalo, N. Y., assignor to Herr Manufacturing Company, Inc., Buffalo, N. Y., a corporation of New York
Application May 28, 1937, Serial No. 145,245
3 Claims. (Cl. 118—59)

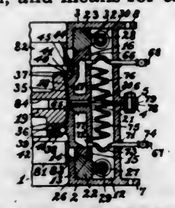


1. A device of the character described, comprising a supporting member through which a take-up spool is adapted to extend, a spinning ring for a bar traveler, said ring having a base portion mounted on said member and a portion rising therefrom of substantially frusto-conical shape to provide an outwardly and downwardly sloping bearing face for the traveler, the top of said ring terminating in a laterally-offset annular flange, and a traveler mounted on said ring and having a bearing leg engageable with said ring-bearing face and terminating at its upper end in a bearing bar engageable with the top of said ring-flange, said bar being joined with said leg by a loop portion disposed in the plane of said flange and spaced from the adjoining portion thereof to form a thread-receiving loop.

2,132,262
THERMOOPERATIVE VALVE
Joseph A. Gabriel, Rocky River, Ohio
Application February 5, 1937, Serial No. 124,215
24 Claims. (Cl. 251—11)

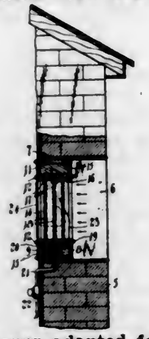
1. In a valve, the combination of a casing, a member for controlling the flow through the casing, a seat for said member, the seat being floatably mounted in said casing, the seat being

adapted to normally engage said member when in closed position, and means for expanding said



seat to permit operation of said member relative thereto.

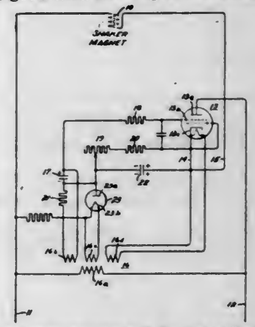
2,132,263
AIR CONDITIONER
Emerson Hambleton, Toronto, Ontario, Canada
Application January 7, 1938, Serial No. 183,822
1 Claim. (Cl. 219—38)



An air conditioner adapted for installation in an aperture of a wall or the like, comprising a box-like casing of rectangular configuration having a peripheral wall, an outer wall and an inner wall, the outer and inner walls having rectangular openings centrally disposed in register with each other and one of these walls being detachably secured to the peripheral wall, the casing providing a central air passage with an encompassing chamber, an electric heating element disposed in the chamber composed of a hollow rectangular mount of electric insulating material consisting of flat side walls contiguously extending between the aforesaid outer and inner walls at the edges of the openings therein, the flat side walls having inner faces supplied with a plurality of grooves, resistance wires disposed in the grooves in the form of coils, terminals therefor, fastening elements securing the said mount to the aforesaid outer and inner walls, a wire mesh screen clamped between the mount and the outer wall to cover the opening in the latter, a grill attached to the inner wall to cover the opening therein, and heat insulating material lodged in the chamber of the casing surrounding the heating element.

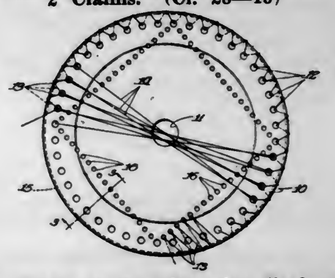
2,132,264
CONTROL SYSTEM
William R. King, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application February 1, 1936, Serial No. 61,937
5 Claims. (Cl. 172—240)

2. A control system for reciprocating load comprising a coil for operating the load, means for supplying a periodically varying voltage to said coil comprising an electric valve connected between said coil and a source of voltage of predetermined frequency and having a cathode, anode and control grid and means for controlling the frequency of the voltage applied to said coil comprising a capacitance connected across said cathode and grid and having a connection to said



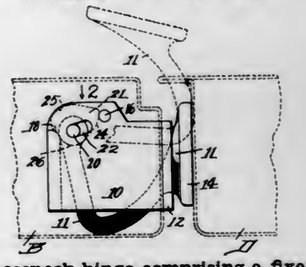
coil, a resistance connected in parallel with said capacitance for controlling the rate of discharge thereof, and a rectifier included in said connection for preventing discharge of said capacitance by reversal of the voltage of said coil.

2,132,265
HOLDER FOR LACEWORK AND THE LIKE
Czeslawa Kowalewska, Chicago, Ill., assignor of forty-nine percent to Phyllis Kachnowski, Chicago, Ill.
Application February 20, 1937, Serial No. 126,946
2 Claims. (Cl. 28—15)



1. A device of the class described comprising a body having a series of holes adjacent its periphery and a cutting groove in its periphery; and a holding strand passing successively through said holes and around said periphery.

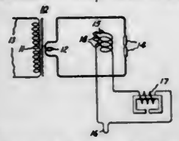
2,132,266
GOOSENECK CONCEALED HINGE
Emil B. G. Lefevre, Detroit, Mich.
Application August 5, 1936, Serial No. 94,487
2 Claims. (Cl. 16—135)



1. A gooseneck hinge comprising a fixed member having attaching portions and a movable

gooseneck member pivoted thereon, said movable member having a pivot stud with a cam formed thereon and said fixed member having guide slots for said stud and having fixed abutting elements slidably engaged by said cam to effect positive movement of said movable member toward said attaching portions as the hinge is opened and positive movement in the opposite direction as the hinge is closed.

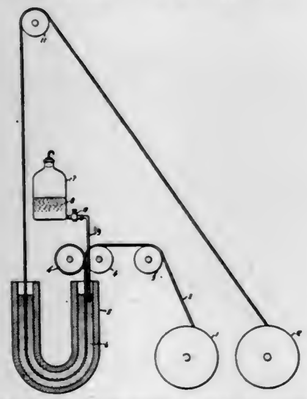
2,132,267
HEAVY ALTERNATING-CURRENT MEASUREMENT
Harold W. Lord, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application July 31, 1937, Serial No. 156,746
4 Claims. (Cl. 171—95)



1. In combination, a primary circuit in which alternating current of from 50,000 to 200,000 amperes may flow, apparatus for measuring such currents in said circuit comprising, a pick-up coil loosely inductively related to said circuit, an instrument supplied by said pick-up coil, and a reactor having an iron core containing an air gap connected in series with said instrument and pick-up coil, said reactor serving to cause the wave shape of the current induced in said instrument circuit through said pick-up coil to be similar to the wave shape of the current in the primary circuit, the ratio between the currents in the primary and instrument circuits being not less than

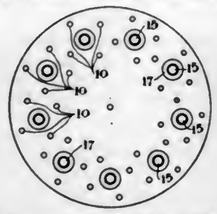
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2,132,268
PROCESS OF SURFACE FINISHING RUBBER GOODS
Manley T. Mallard, Fairfield, Conn., assignor to General Electric Company, a corporation of New York
Application January 30, 1937, Serial No. 123,215
7 Claims. (Cl. 91—68)



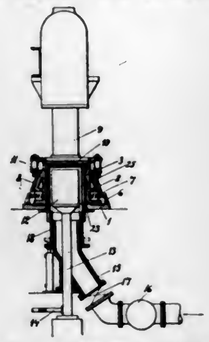
1. A method of producing a hard, smooth finish on a rubber surfaced article which comprises treating said article with a non-aqueous solution containing a concentration of active halogen substance selected from the class consisting of sulphur chloride and bromine within the range of 0.2 to 0.8 per cent by weight of said substance while maintaining the treating solution at a predetermined practically constant volume and concentration.

2,132,269
CABLE ANCHOR
Frederick J. McHugh, Dorval, Quebec, Canada
Application September 5, 1935, Serial No. 39,326
In Canada July 6, 1935
11 Claims. (Cl. 14—21)



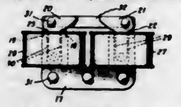
11. Means for anchoring individual strands of a multiple strand cable comprising a plurality of anchor rods embedded in a concrete or masonry structure to which the loads on the cable strands are to be transferred, said rods being arranged in predetermined spaced angular relation to extend in directions radially of the splay point of the cable and means connecting the cable strands to the cable ends of said rods to anchor the strands at points spheroidally disposed about the splay point of the cable, the arrangement being such that bending of the cables at their points of anchorage is substantially avoided.

2,132,270
MACHINE FOR PRODUCING FORM PIECES FROM WET FIBROUS MASS
Birger Fredrik Engelbrekt Nylander, Hernosand, Sweden
Application January 8, 1936, Serial No. 58,046
In Germany May 27, 1935
1 Claim. (Cl. 92—62)



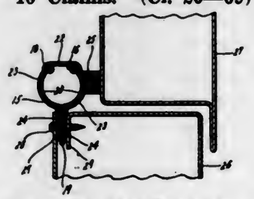
A machine for producing pieces from a wet fibrous mass, comprising a core comprising a plurality of plates movable relatively to each other, whereby said core may be expanded and contracted, and resilient means connected with said plates for maintaining said core in the contracted position, each of said plates being provided with small perforations; an expansible and contractible form, means adapted to engage said form to maintain the same in the contracted position while a form piece is being made, means maintaining said form in the expanded state when the second-mentioned means are devoid of contact with said form, means supplying a wet fibrous mass in the space between said core and said form, means connected with said form for removing a fluid therefrom, and means connected with said core for supplying a heated fluid under pressure into the interior of said core, whereby said fluid will press against the non-perforated portions of said plates to maintain said core in the expanded position and to heat and dry said wet fibrous mass, whereby a form-piece is produced, said core being movable by the first-mentioned means from the expanded position to the contracted position when the pressure of said fluid is diminished, and said form being movable from the contracted position to the expanded position when the second-mentioned means are moved out of contact with said form, thereby facilitating the removal of said form-piece.

2,132,271
WATT-HOUR METER
William H. Pratt, Lynn, Mass., assignor to General Electric Company, a corporation of New York
Application August 13, 1937, Serial No. 158,941
5 Claims. (Cl. 171—264)



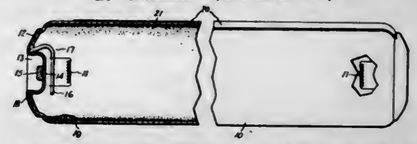
4. In a watt-hour meter, a current electromagnet therefor comprising a U-shaped magnet having a yoke portion and separate pole-piece portions, each joined to the yoke portion by dovetailed interlocking socket connections, nonmagnetic spacer shims between said parts at the throat portion of the dovetail connections to provide a reluctance gap in the magnetic circuit of said electromagnet, current coils for said electromagnet embracing the dovetailed junctions therein, and a magnetic shunt designed to become saturated secured in spaced relation from and between the pole pieces of said electromagnet to provide overload current compensation.

2,132,272
CLOSURE CUSHIONING AND SEALING MEANS
James S. Reid, Shaker Heights, Ohio, assignor, by mesne assignments, to The Standard Products Company, Cleveland, Ohio, a corporation of Ohio
Application January 16, 1936, Serial No. 59,366
16 Claims. (Cl. 20—69)



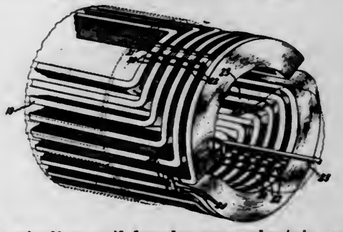
1. A cushioning and sealing strip, comprising a transversely slotted strip member longitudinally folded upon itself intermediate its side edges to form an anchoring part of double thickness, the side edge portions of said strip member flaring outwardly from said anchoring part, and yieldable means carried by at least one of said outwardly flaring portions for cushioning and sealing purposes.

2,132,273
FLUORESCENT MATERIAL
Willard A. Roberts, Cleveland Heights, Ohio, assignor to General Electric Company, a corporation of New York
Application October 6, 1936, Serial No. 104,239
13 Claims. (Cl. 134—47)



1. A fluorescent material for electric discharge lamps comprising calcium oxide and tungstic oxide, the calcium oxide being in excess of the amount required by the chemical formula $CaWO_4$.

2,132,274
DYNAMO-ELECTRIC MACHINE
Marion A. Savage, Scotia, N. Y., assignor to General Electric Company, a corporation of New York
Application June 24, 1936, Serial No. 86,965
8 Claims. (Cl. 171—252)



7. A winding coil for dynamo-electric machines made of aluminum and having terminals of cupreous metal welded thereto.

2,132,275
NONSKID TIRE CONSTRUCTION
Harry E. Skelton, Birmingham, Mich.
Application June 12, 1937, Serial No. 147,829
4 Claims. (Cl. 152—208)

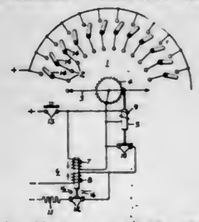


1. In a non-skid tire construction, a tire, a series of transverse fabric bands embedded in the tire, a link secured in each end of each band and extending from the adjacent side wall of the tire, a series of brackets each having a pair of depending flanges, the flanges of the brackets being engaged in adjacent links and the brackets being provided with shoulders resting on the links, the depending flanges and bracket being shaped to fit the respective side wall of the tire, a stud extending from each bracket beyond the tire tread and a cable connecting the brackets and holding the brackets in position in the links.

2,132,276
METAL MOLD
Samuel C. Spalding, Watertown, Conn., assignor to The American Brass Company, Waterbury, Conn., a corporation of Connecticut
No Drawing. Application December 29, 1937, Serial No. 182,304
2 Claims. (Cl. 23—188)

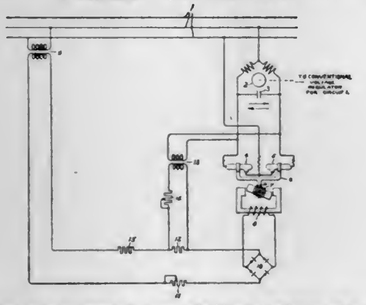
1. A mold for casting metals characterized by improved resistance to formation of small cracks in the mold surface, comprising cast iron containing from 2.50% to 3.80% total carbon of which from 0.40% to 0.80% is combined carbon and 2.10% to 3.00% is graphite, 0.25% to 6% copper, and silicon and manganese in the usual amounts.

2,132,277
CONTROL SYSTEM
Clyde E. Stewart, Upper Darby, Pa., assignor to General Electric Company, a corporation of New York
Application February 12, 1937, Serial No. 125,404
6 Claims. (Cl. 175—320)



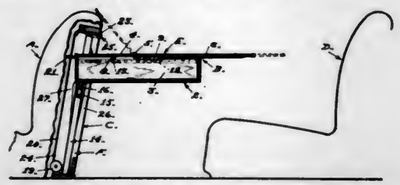
1. In combination, a rotary switch having a movable wiper and a plurality of stationary contacts, means including a magnet for moving said wiper into successive engagement with said contacts, a winding for said magnet, a control relay having two differential windings, means for completing an energizing circuit for said magnet winding with one of said relay windings connected in parallel with said magnet winding and the other of said relay windings connected in series with said magnet winding, means responsive to the energization of said magnet for opening said energizing circuit, and means for closing a shunt circuit around said parallel connected magnet and relay windings when said wiper engages a predetermined contact.

2,132,278
ELECTRICAL CONTROL CIRCUIT
Louis W. Thompson, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application December 1, 1936, Serial No. 113,660
7 Claims. (Cl. 172—233)



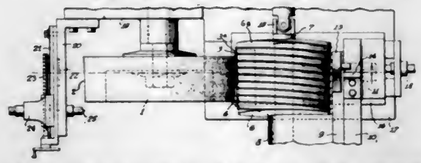
1. In an automatic regulating system, an electro-responsive control device having regulator raise and lower circuit controlling positions on opposite sides of a neutral balanced position, said device including means which unbalances it when it is in said raise and lower positions, and normally deenergized electrical means for compensating for said unbalance, said electrical means being energized to produce opposite biasing effects on said device in accordance with whichever of said circuit controlling positions it is in.

2,132,279
VEHICLE SEAT TABLE
William Wicknick and Harry R. Fry, Los Angeles, Calif.
Application September 15, 1936, Serial No. 100,904
7 Claims. (Cl. 155—123)



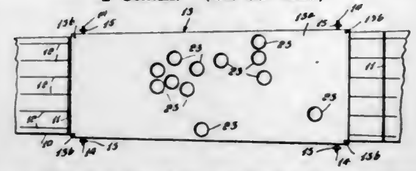
1. The combination with a vehicle seat having a recess in the back thereof, of a receptacle, a table top thereon, connection means whereby the receptacle with said top thereon may be manually bodily moved as a unit from an upright position in said recess into a horizontal position extending rearwardly of said back, and means within said recess and on said receptacle for maintaining said receptacle in horizontal position at different heights, said connection means including members pivoted to said receptacle and slidable up and down in said recess, and tracks for guiding and slidably retaining said members in said recess.

2,132,280
METHOD AND MEANS FOR GRINDING TAPERED ROLLS
Thomas Zimmerman, Detroit, Mich., assignor to Bower Roller Bearing Company, Detroit, Mich., a corporation of Michigan
Application July 3, 1933, Serial No. 678,800
32 Claims. (Cl. 51—103)



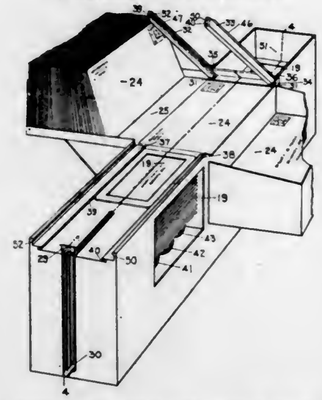
13. In the grinding of tapered rolls, grinding apparatus for supporting, feeding and grinding the roll periphery by endwise feed advance of the roll, said apparatus including a rotatable grinding wheel having a peripheral grinding face of concave characteristic on a radial section of the wheel corresponding to the direction of length of the wheel axis, a roll support adjacent the wheel face and having the direction of length of its supporting face extending angular to the line of such section with the angularity equal to the angularity between the roll axis and roll periphery to cause the roll to be supported relative to the grinding face with the roll axis extending in parallelism with the wheel axis when the roll is viewed in a direction corresponding to a plane connecting such axes but with the roll axis angular to the wheel axis when viewed in a direction normal to such plane and with the latter angularity such as to place the roll periphery in linear contact with the grinding face throughout the length of the active peripheral face of the roll, and means for feeding the roll along such supporting face by pressure applied to the end face of the roll and exerted in the direction of the roll axis, whereby the parallelism of roll and wheel axes as viewed in the direction of such plane will be maintained during travel of the roll across the face of the grinding wheel.

2,132,281
GUITAR PLAYING SIMPLIFIER
Herschel E. Adamson, Eureka Springs, Ark.
Application February 25, 1937, Serial No. 127,758
1 Claim. (Cl. 84—317)



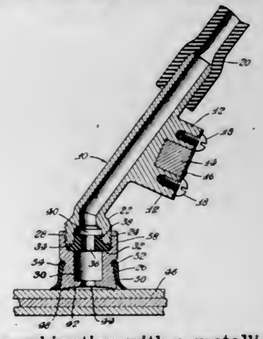
An attachment of the class described comprising an elongated, hollow box-like casing, stems slidably mounted perpendicularly on the casing, breakers carried by the stems and normally abutting the undersurface of the casing and movable by certain of the stems into contact with the strings of a musical instrument, said certain of the stems extending through and above the top wall of the casing, other stems extending through the bottom wall of the casing and terminating within the casing, and springs within the casing surrounding the last mentioned stems and abutting the same and the bottom wall of the casing and urging retraction of the breakers.

2,132,282
STENCILING MACHINE
Davis Jacob Ajouelo, Atlanta, Ga., assignor to Sears, Roebuck and Co., Atlanta, Ga., a corporation
Application January 28, 1936, Serial No. 61,142
Renewed February 28, 1938
5 Claims. (Cl. 101—48)



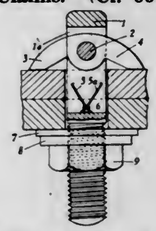
1. A stenciling machine comprising in combination a reservoir for stencils, an operating table on which the object to be stenciled is placed, means for holding said object in correct position for stenciling, an inking roller and means for rotatably supporting said roller, said roller supporting means comprising a handle, a slidable carriage, a pivot mounted in said carriage and said handle and eccentric with respect to the axis of said inking roller, said combination of means being so disposed that the handle and the inking roller attached thereto may be tilted as desired by the operator, means actuated by said roller supporting means for pushing the stencil to be operated upon over the object upon which the printing is to be applied, and means for discharging said stencil into a used stencil magazine after the operation is over.

2,132,283
SUCTION TIP
Harry Bedford Allen, Highland Park, Mich.
Application January 6, 1937, Serial No. 119,356
2 Claims. (Cl. 294—64)



1. The combination with a metallic suction tip having a depressed sheet engaging surface, of a tubular resilient element embracing the metallic suction tip and having one end projecting beyond the depressed face, said metallic suction tip being provided with a groove, and a bead carried by the resilient tubular element and lying within said groove, to constitute a pivotal connection between the tube and the tip, said tube being movable to an inoperative position with respect to the depressed face.

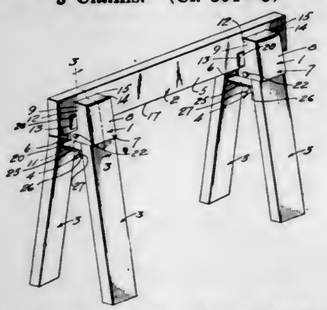
2,132,284
EMERGENCY SCREW-THREADED BOLT
James Bonham, North Shields, England, assignor of one-half to Thomas Macdonald, Monkseaton, England
Application March 28, 1938, Serial No. 198,531
In Great Britain October 13, 1936
6 Claims. (Cl. 85—3)



1. A headless threaded emergency bolt adapted to be inserted in holes in which it is a relatively close fit comprising a slotted bolt shank, a pivot pin passing across the slotted portion of said bolt shank, a pair of arms pivotally mounted about said pivot pin and each arm having an abutment surface, resilient means in the slotted

portion of said bolt shank, said arms being so mounted and shaped that when the end of the bolt is pushed into a hole the said arms automatically swing inwards against the action of said resilient means and pass into and remain within said slotted portion until they have passed completely through the hole, whereupon the arms are caused by the resilient means to project laterally from the bolt in abutting contact with each other by their abutment surfaces to provide a rigid abutment when pressure is exerted on their inner faces and the arms in abutting contact being capable of swinging around the pivot pin.

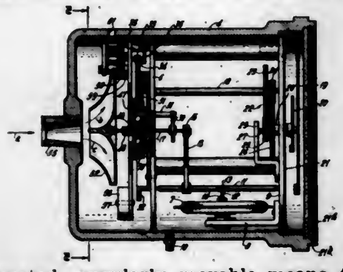
2,132,285
TRESTLE
Robert C. Brown, Columbus, Ohio, assignor to Du-All Scaffold Bracket Company, Columbus, Ohio
Application February 14, 1938, Serial No. 190,487
3 Claims. (Cl. 304—5)



1. In a trestle, a pair of spaced aligned upstanding supporting structures, each structure formed of a pair of oppositely disposed spaced hollow head elements of like form for supporting therebetween an end portion of a ledger board and oppositely disposed laterally adjustable legs extending into the pair of elements for supporting them, each of said elements being open at rear and at its bottom and consisting of an upwardly extending inwardly inclined front wall, a pair of side walls increasing in width from top to bottom thereof and a horizontally disposed top wall integral with the upper ends of the front and side walls and having a part extended inwardly from the upper ends of the inner edges of the side walls, the extended parts of said top walls being toothed for engaging in opposite sides of the ledger board, the side walls of each element of a pair being formed at their lower portions with inwardly directed flanges, the flanges on the side walls of the elements of a pair coacting to form split supports for the ledger board, a bridging member arranged between the flanges of each pair of elements, pivot means extending through the flanges of one element of a pair and a member for hinging them together, and pivot means extending through the flanges of the other element of the pair and such member for hinging them together.

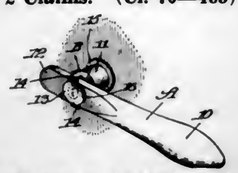
2,132,286
CHANGE RESPONSIVE CONTROLLING MEANS
Victor E. Carbonara, Rockville Centre, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application June 14, 1932, Serial No. 617,226
Renewed April 27, 1937
24 Claims. (Cl. 73—151)

8. In apparatus of the class described, the combination of means responsive to changes in conditions, means to be operated in accordance with said changes in conditions, and torque amplifying means connecting said condition responsive means and said means to be operated, said torque amplifying means comprising a source of fluid under pressure, a rotary impeller adapted to be operated by said fluid under pressure and drivably connected to said means to



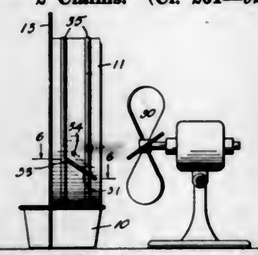
be operated, angularly movable means for directing said fluid under pressure to said impeller and operatively connected to and controlled by said condition responsive means for controlling the operation of said impeller in accordance with said changes in conditions, and means for causing said rotary impeller to follow the angular movements of the fluid pressure directing means about the axis of the latter and for actuating the means to be operated.

2,132,287
HANDLE LOCK GUARD
Richard H. Curtis, Chicago, and Edward P. Byrnes, Jr., Evanston, Ill.
Application April 1, 1938, Serial No. 199,515
2 Claims. (Cl. 70—455)



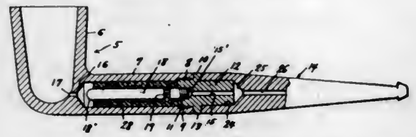
1. A guard for a keylock-equipped handle comprising a resilient tubular body having a web portion adapted to extend over the keylock, said body having also a pair of oppositely disposed openings and a third opening opposite said web portion.

2,132,288
AIR CONDITIONER FOR FANS
William Van De Vanter, Delta, Utah
Application September 2, 1937, Serial No. 162,223
2 Claims. (Cl. 261—92)



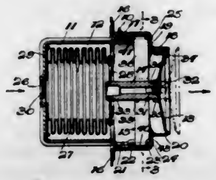
1. An humidifier device for use in connection with a fan or the like, the device comprising a receptacle adapted to contain water, an arch shaped hood having its terminals connected to the receptacle, a wheel surrounded by the hood, said wheel being of skeleton form and having a wick threaded thereover and operable through the water, a bracket journaled by said hood, said bracket having a spindle on which the wheel is journaled, and co-acting means between the bracket and the hood to secure the spindle at different angles.

2,132,289
SMOKING PIPE
Frank L. De Vita, Livingston, N. J.
Application August 9, 1937, Serial No. 158,232
2 Claims. (Cl. 131—204)



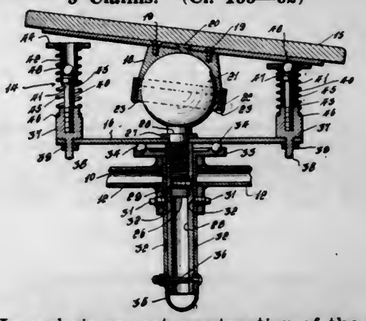
1. A smoking pipe comprising a bowl having a hollow stem, a bit having a hollow portion, a tubular metallic coupling have one end removably received in the hollow portion of the stem, and having its opposite end inserted in the hollow portion of the bit for connecting the bit and stem, a solid metallic condenser within the hollow portion of the stem and having its outer end removably connected with the coupling, said solid condenser having a transverse passage adjacent its axial outward end and a longitudinal passage at said end leading through the said end of the condenser and communicating with said transverse passage and with the bore of the coupling, a tubular absorbent member in said hollow portion of the stem and surrounding said solid condenser, said tubular absorbent member having a bore formed with a spiral groove defining lands engaging the exterior of said condenser to define a smoke passage between said condenser and said tubular absorbent member said smoke passage communicating with the transverse passage of the condenser.

2,132,290
TEMPERATURE REGULATOR
John E. Dube, Knoxville, Tenn., assignor to The Fulton Sylphon Company, Knoxville, Tenn., a corporation of Delaware
Application June 27, 1935, Serial No. 28,728
11 Claims. (Cl. 236—34)



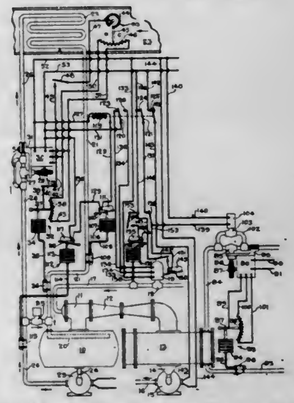
8. In a temperature regulator, a tubular housing terminating in a valve seat, a U-shaped strap secured to said housing, a thermostat mounted on said U-shaped strap, a valve stem attached to said thermostat, a valve stem guide secured to the extremities of said strap, and a dished sheet metal valve member threadedly attached to said valve stem and having its peripheral portion cooperating with said valve seat.

2,132,291
SPRING SEAT
Miklos Fitos, Woodbridge, N. J.
Application February 4, 1938, Serial No. 188,745
5 Claims. (Cl. 155—52)



5. In a chair or seat construction of the character described, a base frame including supporting legs, a spring seat construction at the upper ends of the legs including a seat bottom and a disk plate below the seat bottom supported on the base frame, a centrally positioned ball and socket connection between seat bottom and disk plate for universal tilting movements of the seat bottom relative to the disk plate, and a circular series of spring devices interposed between the seat bottom and disk plate and surrounding the ball and socket connection, each spring device including a block anchored to the marginal edge of the disk plate, a headed screw rising from the block, a sleeve having an annular flange at its upper end slidable on the block and an abutment on its lower end engaged with the head of the screw, a coil spring surrounding the sleeve and screw and engaged with the block and sleeve flange and a bearing ball in the sleeve normally spaced from the upper end thereof and adapted for engagement with the underside of the seat bottom when the sleeve is lowered during tilting movements of the seat bottom.

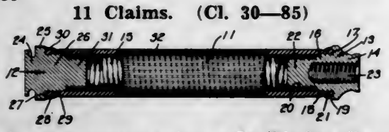
2,132,292
STEAM JET REFRIGERATING SYSTEM
John E. Haines, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application January 8, 1936, Serial No. 58,120
15 Claims. (Cl. 62—152)



1. In a refrigerating system having an evaporator, ejector and condenser, the combination of

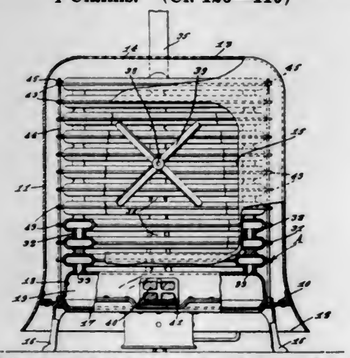
means for controlling the supply of condensing fluid to the condenser, means for circulating cooling fluid through the evaporator for chilling the same, and means responsive to the temperature of the cooling fluid returning to the evaporator for controlling the condensing fluid supply controlling means.

2,132,293
RAZOR CONSTRUCTION
Hans Harrer, Vienna, Austria, assignor to Evans Case Company, North Attleboro, Mass., a corporation of Massachusetts
Application March 9, 1936, Serial No. 67,778. Renewed April 22, 1938. In Austria March 12, 1935
11 Claims. (Cl. 30—85)



1. In razor construction, a flexible handle comprising, in combination, a pair of ends, spring means connecting and secured to said ends, and a flexible casing covering said spring means, said casing extending between said ends.

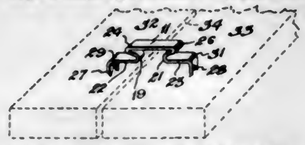
2,132,294
HEATER
Alfred Hatvelt, Missoula, Mont.
Application July 26, 1937, Serial No. 155,791
4 Claims. (Cl. 126—110)



1. A heater of the character described comprising a stand, a header supported on the stand and forming a combustion chamber, a plurality of endless tubular radiator sections vertically spaced from each other and above the header and having communication with each other for effecting a zigzag heat circulating course therethrough and from the header, an oil burner associated with said header, a casing surrounding the tubular sections to provide air passages adjacent thereto, a discharge flue passing through said casing and communicating with the uppermost of said sections, and a motor driven fan operating centrally within said sections.

2,132,295
STAPLING DEVICE
Earl Hawkins, Springfield, Mo.
Application May 5, 1937, Serial No. 140,979
5 Claims. (Cl. 85—49)

1. A stapling device, comprising a looped body member consisting of a straight portion and integrally formed substantially straight angularly extending portions folded thereunder and said angular extending portions being dimensioned to provide a substantial space between the ends thereof, leg-carrying portions supported by said



angular extending portions adapted to hold the legs in a predetermined spaced relation, whereby the space between said legs may be altered by changing the angular position of said folded portions with respect to said straight portion.

2,132,296
RIVET PACKAGE
Harold N. Hill, Philadelphia, Pa.
Application May 5, 1936, Serial No. 78,057
2 Claims. (Cl. 218—29)



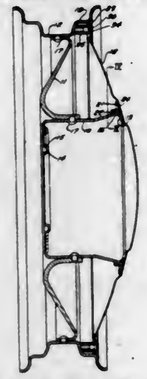
1. The method of applying split rivets to woven material to be riveted which includes detachably securing a plurality of split rivets to a supporting strip with a space between the rivets on the supporting strip corresponding to the spacing the rivets are to have when applied to the woven material and with the prongs of the various rivets similarly disposed so that the slots between the prongs of the rivets face in the same direction, positioning the strip on the woven material so that the slots of the rivets extend in the same direction as the warp or weft threads of the woven material, and driving the rivets into the material and removing the strip.

2,132,297
DECORATIVE LIGHT AND CHIME DISPLAY
Max Horowitz, Brooklyn, N. Y., assignor of forty-five percent to Morris Friedman and Irving Friedman, and ten percent to Edward Spiegel, all of New York, N. Y.
Application July 20, 1936, Serial No. 91,580
2 Claims. (Cl. 177—7)



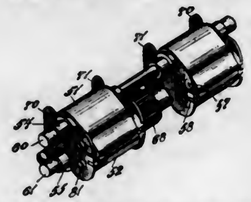
2. A device of the class described comprising a hollow standard formed with opposed side openings, transversely extending chime-supporting casings carried by said standard at opposite sides thereof and arranged in opposed spaced relation to each other about said openings, a chime element within each casing, a solenoid mounted in said standard transversely thereof with its end portions extending through the openings and into said casings, a plunger extending through said solenoid with its end portions extending from opposite ends thereof into the casings, a striker head carried by each end of said plunger, the striker heads being adapted to alternately strike said chime elements, electrical means for energizing said solenoid for moving said plunger in one direction, and a spring engaging one of said striker heads for automatically moving the plunger in the opposite direction for striking the other chime element when said solenoid is deenergized.

2,132,298
VEHICLE WHEEL
J Harold Hunt and Harry J. Horn, Lansing, Mich., assignors, by mesne assignments, to George Albert Lyon, Detroit, Mich.
Original application June 30, 1932, Serial No. 620,064. Divided and this application January 30, 1935, Serial No. 4,172
14 Claims. (Cl. 301—37)



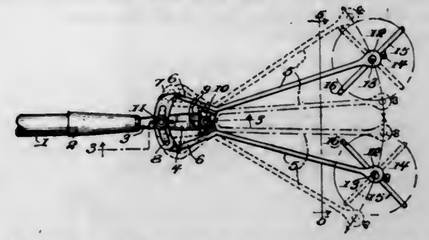
4. In combination with a wheel including rim and hub parts, a circular plate of relatively thin metallic sheet material extending between said wheel parts and over the center of the wheel and formed to be snapped into engagement with said parts, and concealed resilient means for yieldably retaining it in engagement with said wheel parts.

2,132,299
DRAWING MECHANISM FOR TEXTILE SLIVERS OR ROVINGS
John Frederick Jackson, Pawtucket, R. I., assignor to H & B American Machine Company, a corporation of Maine
Application June 16, 1937, Serial No. 148,524
3 Claims. (Cl. 19—131)



1. In a drawing mechanism for textile slivers or rovings utilizing a pair of endless belts disposed one above the other in cooperating relation for conducting the slivers or rovings, the combination of a frame for laterally guiding the belts composed of spaced parallel side plates united together into a rigid unitary structure by two cross-bar guide members for internally guiding the front loops of the belts, said cross-bar belt guiding members being detachably secured at their opposite ends to said side plates in spaced relation at the front edge portions thereof, the opposite ends of each of said cross-bar members being provided with longitudinal projections having interfitting relation with shoulders formed on the front edges of said side plates, each of said cross-bars having a forwardly tapered front edge portion to engage the inner circumferential surface of an endless belt.

2,132,300
GARDEN TOOL
Hugh Johnson, Reidsville, N. C.
Application August 15, 1936, Serial No. 96,267
1 Claim. (Cl. 97—70)



A garden tool comprising handled means including a flat shank, a pair of arms bent intermediate their ends to provide relatively long outer diverging portions and relatively short inner diverging portions, angle brackets secured to the inner portions adjacent to their juncture with the outer portions, said angle brackets being connected to the flat shank for pivotally connecting the arms for movement of the outer portions thereof toward and away from each other, flat arcuate shaped portions formed on the inner portions at substantially right angles thereto and directed toward each other for disposal in overlapped association, means for adjustably securing the arcuate shaped portions to the shank and for holding the arms in adjusted positions with respect to each other, and tool heads including bodies having shanks arranged at a lateral angle with respect thereto and secured to the outer ends of the arms in a manner for adjustment in horizontal and vertical planes for disposal at various angles with respect to the arms and each other in said planes.

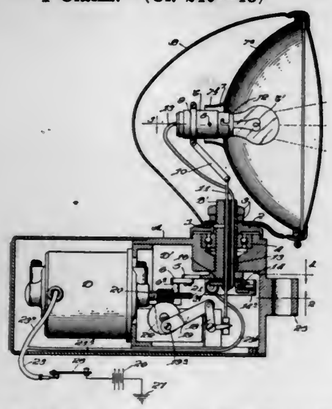
2,132,301
NECKTIE
Harry Kahn, New Bern, N. C., assignor, by mesne assignments, to Ready Made Neckwear Corporation, a corporation of New Jersey
Application September 15, 1937, Serial No. 164,071
2 Claims. (Cl. 2—155)



1. A necktie comprising two sections, each of which is comprised externally of a tubular structure of dress fabric and has a non-stretching internal reinforcing member, one said section being constructed and arranged to be looped around

the other for forming the tie knot and for permitting the other to slide relatively in the knot, detachable connecting means for joining the sections, the dress fabric tubes being turned inward at the connectable ends of the sections and the connecting means including flexible securing members which pass within said inturned portions of the fabric, and means for each section for fixedly securing the fabric, reinforcing member and securing member together, said internal reinforcing members extending from the detachable connecting means toward the end of the corresponding section for a distance sufficient to extend through the knot and sliding portions and permit engagement thereof when the dress fabric tubes are grasped for exerting pulls along the lengths of the sections, whereby the reinforcing members are effective to prevent stresses in the dress fabric material.

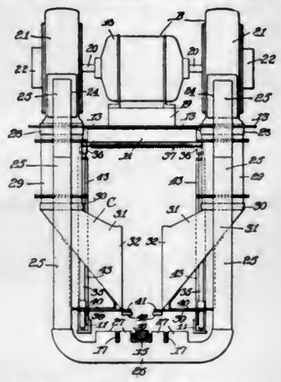
2,132,302
LAMP STRUCTURE
Jeremiah D. Kennelly, Oak Park, Ill.
Application April 3, 1936, Serial No. 72,652
1 Claim. (Cl. 240—48)



In a signal lamp device of the character set forth, a motor casing, a motor therein, a lamp casing supported by said motor casing, a reflector fixedly supported in said lamp casing, said reflector being centrally apertured at its rear side, a lamp bulb mounting extending through and pivotally supported on a horizontal axis within said aperture for vertical oscillatory movement therein, said mounting having a rearwardly extending shank portion of substantially uniform diameter, a light bulb in said mounting, a clamping ring mounted on said shank and adjustable therealong toward and away from the pivot of said mounting whereby to vary the throw of said light bulb, and actuating means driven by said motor and connected to said clamping ring.

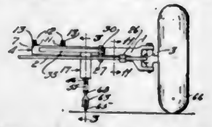
2,132,303
DRYING MECHANISM FOR CANS AND THE LIKE
Harry D. Lathrop, Chicago, Ill., assignor to The Lathrop-Paulson Co., a corporation of Illinois
Application December 13, 1935, Serial No. 54,308
8 Claims. (Cl. 34—12)

1. In can-drying mechanism of the character set forth, a conveyor adapted to move a can along, movably supported nozzles adjacent said conveyor, blower mechanism, duct means connecting said nozzles to said blower mechanism, and means engaging opposite sides of said can for guiding



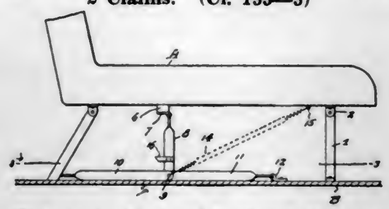
said nozzles about the sides of said can as the can moves forward.

2,132,304
SAFETY ATTACHMENT FOR AUTOMOTIVE VEHICLES
Robert Lee, Savannah, Ga.
Application March 1, 1938, Serial No. 193,356
7 Claims. (Cl. 280—89)



1. In a blow-out control attachment for automotive vehicles, an abutment adapted to be fixed to the tie bar for the knuckles of the front wheels of the vehicle, a holder means adapted to be secured onto and bodily moving with the front axle of the vehicle on the lowering of the axle when a blow-out occurs, said means including a spring controlled projectable holder element for correlation with said abutment, latching means normally retaining said element in inactive position and including a rotatable member having a tread surface normally arranged above with the tread of a front wheel of the vehicle when said wheel is inflated and automatically releasing said element when a blow-out occurs in such wheel to permit of said element being projected in juxtaposition to and to coact with said abutment to arrest swerving of the vehicle, and a normally inactive latching means made active on the projecting of said element for latching the latter in active position.

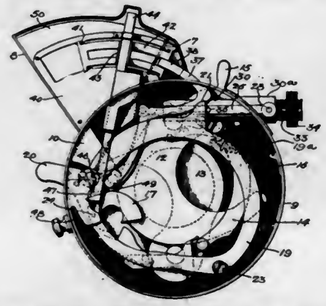
2,132,305
AUTOMOBILE SEAT HOLDER
John Frantz Lescalleet, Lancaster, Ohio
Application July 14, 1937, Serial No. 153,634
2 Claims. (Cl. 155—5)



1. The combination of a vehicle seat pivotally

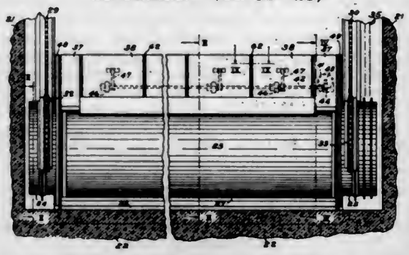
mounted adjacent the front end thereof, a rear leg pivoted thereto, a bar hinged to an intermediate part of the bottom of the seat, a rear bar pivoted to the rear leg, a front bar extending forwardly from the rear bar, the free ends of all of said bars being pivoted together, a spring connected to the pivotal point and the front part of the seat, and a stop for limiting the forward movement of the bars when the seat is lifted.

2,132,306
APPARATUS FOR CONTROLLING OR INDICATING PHOTOGRAPHIC EXPOSURES
Conrad J. Linke, Philadelphia, Pa.
Application January 2, 1936, Serial No. 57,271
10 Claims. (Cl. 95—63)



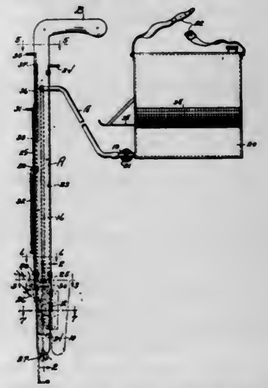
1. In a photographic device, a movable member, means for positioning said member according to prevailing light intensity, a second movable member adapted to move toward and engage said first member, a shutter mechanism including a spring normally holding the shutter in closed position, manually-operable means for opening said shutter mechanism, means for latching the shutter in open position, means operative to move said second member toward said first member when said shutter mechanism is opened, means operative to hold said first member stationary when said shutter mechanism is opened, and means for releasing said shutter-latching means to close said shutter mechanism when said second member engages said first member.

2,132,307
ROLLER GATE
Charles R. Martin, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware
Application January 9, 1936, Serial No. 58,264
28 Claims. (Cl. 61—28)



1. In a gate for controlling the flow of water, a plurality of piers defining a spillway and having recesses therein, a cylinder extending across the spillway, and separate end heads primarily supported by and extending from the ends of said cylinder into the recesses in said piers, the diameter of said cylinder being greater than the width of the recesses in said piers.

2,132,308
PLANTING IMPLEMENT
Cody Grover McKee, Nashville, Tenn.
Application April 20, 1937, Serial No. 138,011
2 Claims. (Cl. 111—4)

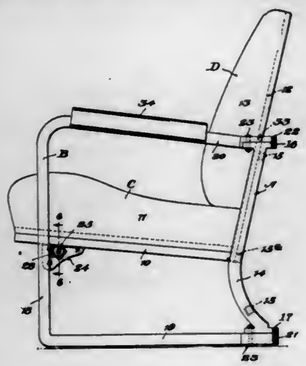


1. An implement of the character described comprising a stick body having a slightly tapered rounded end portion, a jaw cut from the tapered end portion and swingable thereon laterally therefrom, means holding the said jaw normally against swinging movement, an ejector carried by the stick body and having a prong workable between it and the said jaw at the tapered end for removal of a plant therefrom, means fitted with the stick body for delivering water through the tapered end of said body, means fitting the stick body and acting upon the jaw to swing the same laterally, and means upon the body and workable between the same and the said jaw for the holding of a plant within a hole created by the tapered end of said body and whereby said body can be raised for the extraction of the latter from the hole without the extraction of the plant therefrom.

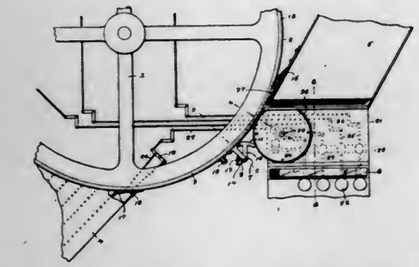
2,132,309
FOLDABLE CHAIR
William Howard McKinley and Eric Magnus Johnson, Youngstown, Ohio, assignors to The General Fireproofing Company, Youngstown, Ohio, a corporation of Ohio
Application May 8, 1937, Serial No. 141,489
9 Claims. (Cl. 155—141)

4. A foldable chair comprising a rear frame, side frames, means pivotally connecting said side frames respectively to the front and rear portions of said rear frame for folding movement across the front and the back of said rear frame, respectively, a detachable seat, means for detachably supporting said seat at its rear upon said rear frame, cooperating elements respectively on the seat and side frames for detachably supporting said seat at its front upon said side frames and for holding said side frames against outward swinging movement when the chair is in set-up condition with the side frames extending forwardly from the rear frame and with the seat disposed between the side frames and supported by the latter and the rear frame, a detachable back, means for supporting said back upon said

rear frame against downward and rearward movement relative thereto, and other means for holding said back against forward tilting movement relative to said rear frame.

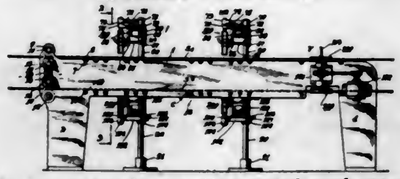


2,132,310
FEEDER APPARATUS FOR MAIL SORTING MACHINES
Joseph Miller, North Side, Pittsburgh, Pa.
Application October 26, 1936, Serial No. 107,697
1 Claim. (Cl. 214—11)



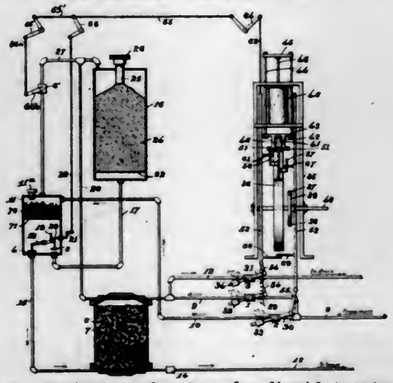
In a mail distributing machine, a power driven wheel, a cylinder surrounding said wheel and cooperating therewith to provide a letter passage, a plurality of letter chutes communicating with the passage, a letter magazine communicating with the passage, a pair of pivotally mounted gates for each chute and one gate adapted to swing inwardly of the chute for opening the latter and the other gate adapted to swing outwardly of the chute and traverse the letter passage for directing the letter from the passage to the chute, a plurality of manually actuated keys, means connecting said keys to the gates whereby upon operation of any one of the keys, the gates of a selected chute will be opened and closed, a rotatably supported shaft forming a journal for said keys, clutch means between said shaft and the keys whereby on the actuation of any one of the keys rotation will be imparted to the shaft, a second shaft rotated by the first shaft, an overrunning clutch secured to the second shaft, a feeding disc secured to the overrunning clutch for singly feeding letters from the magazine to said passage, a series of superimposed resilient fingers secured to the magazine each contacting a letter of the magazine to cooperate with the feeding disc in permitting letters to pass singly from the magazine to the passage.

2,132,311
APPARATUS FOR SURFACE TREATING METAL ARTICLES
Verne Elwood Minich, Mishawaka, Ind., assignor to The American Foundry Equipment Company, Mishawaka, Ind., a corporation of Delaware
Application July 10, 1935, Serial No. 30,600
12 Claims. (Cl. 51—9)



8. Apparatus for treating metal surfaces comprising a conveyor for advancing metal material, and a second conveyor for advancing metal material, said conveyors being disposed substantially parallel, and a centrifugal abrasive throwing device mounted between said conveyors for rotation in a plane substantially perpendicular to the surfaces of the material on said conveyors, said device being effective to treat the material on both conveyors simultaneously.

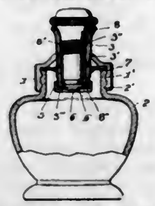
2,132,312
ART OF AND APPARATUS FOR LIQUID TREATMENT
George Moore, Croton on Hudson, N. Y.
Application October 13, 1934, Serial No. 748,243
25 Claims. (Cl. 210—24)



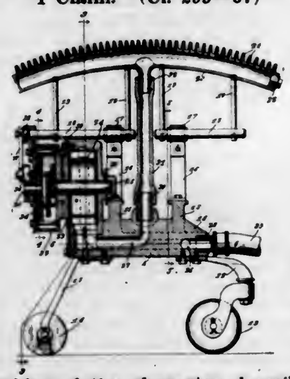
1. In timing mechanism for liquid treatment apparatus, the combination with liquid treatment controlling apparatus including circulation conduits and valve means therefor, of a gravity-actuated weight for operating the valve means, and means comprising a gradually ascending camway for moving the weight back to its initial operating position after a valve operating action of the weight, and means for operating the camway to intermittently raise the weight.

2,132,313
CLOSURE OF INK BOTTLES
Ryosuke Namiki, Takinogawa-ku, Tokyo-shi, Japan
Application September 1, 1937, Serial No. 162,018
In Japan June 25, 1937
5 Claims. (Cl. 120—68)

1. A closure of the character described including in combination, a container having a threaded neck, a tubular mouthpiece positioned in the neck, a sheet packing arranged about the mouthpiece, a flanged cap detachably supporting the mouthpiece and also acting to detachably clamp the sheet packing to the neck of the bottle, an inturned shoulder on the inner end of the mouthpiece constituting a support and a valve seat, a flap valve detachably clamped against the outer surface of the shoulder, and a plug for removably closing the outer end of the mouthpiece and seated against the inner surface of the shoulder to seal the mouthpiece.



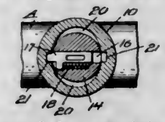
2,132,314
LAWN SPRINKLER
Marley Needler, Muskegon, Mich.
Application May 18, 1937, Serial No. 143,371
1 Claim. (Cl. 299—67)



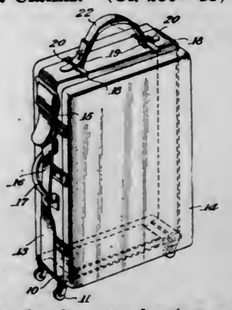
A sprinkler of the character described, comprising, a wheeled carriage having a body casting, bearings mounted on said casting, shafts rockable within said bearings, a tubular handle secured to said shafts above said bearings and formed with spray jets on one side and an inlet connection on another side, a water motor mounted on said casting, said casting formed with inlet and outlet water passages communicating with said motor, a flexible tubular member connecting said outlet passage to said inlet connection whereby water from said motor is discharged through said jets, trained gearing connected to said motor, and linkage connecting said gearing to one of said shafts whereby to rock said handle over said casting to vary the spraying area of the water discharged through said jets upon operation of said motor by water communicated from said inlet passage.

2,132,315
LOCK VALVE
John D. Newell, Nashville, Tenn.
Application December 7, 1936, Serial No. 114,697
2 Claims. (Cl. 251—6)

2. A valve of the character described, comprising, a casing having a turn plug seat and fashioned with a housing formed with a substantially elliptical shaped internal wall, and a plug fitting said seat and rotatable between open and closed positions of said valve and fashioned with a lock cylinder equipped with spring-pressed tumblers disposed within said housing and operable by a key to unlocked positions therein, said wall formed with opposed keeper notches at the shorter axis thereof for receiving said tumblers to effect locking thereof when said plug is in valve closed position and said wall between said notches being effective as eccentrics for coaction with said tumblers when engaged thereby to hold said plug in unlocked position and to progressively resist rotation of said plug from said unlocked position to locked position when said plug is operated by means other than said key.



2,132,316
LUGGAGE CARRIER
Anne W. Newton, Chevy Chase, D. C.
Application September 9, 1937, Serial No. 163,123
2 Claims. (Cl. 280—35)

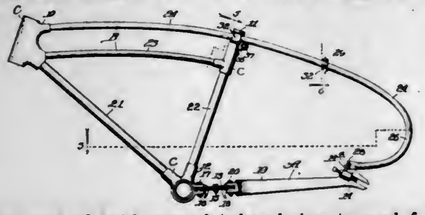


2. A carrier for luggage having a loop handle permanently fastened therewith, comprising a truck having a flat body serrated at the upper face thereof for a distance of the same, caster wheels fitted beneath the body adjacent to corners thereof, said body having pairs of spaced transversely disposed slots near opposite ends thereof, an adjustable strap slidably fitted in said slots and trained about the luggage through the loop handle thereof with the ends of said strap adjustably joined with each other, loop-like slides fitted with the strap at the uppermost portion of the luggage, strap-carrying buckles swingingly connected with the slides, a loop handle engaged by the straps of said buckles for adjustment of said loop handle, a restricted portion formed in said strap for the engagement of this portion in the loop handle of said luggage, and means built with the truck body for varying the width thereof.

2,132,317
BICYCLE FRAME OR THE LIKE
Earl E. Pease, Oak Park, Ill., assignor to Battery Patents Corporation, Chicago, Ill., a corporation of Illinois
Application May 25, 1936, Serial No. 81,776
8 Claims. (Cl. 280—284)

2. A bicycle frame comprising: head, cluster and hanger members; a rear wheel shaft support;

and tubes connecting said members and said support, said tubes including a pair of curved tubes extending from said head member to a point rearward of said rear wheel shaft support, the



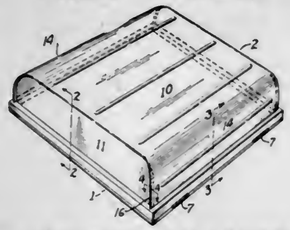
rear end of said curved tubes being turned forward and pivotally attached to said rear wheel shaft support, said curved tubes being secured at their middle portion to said cluster member.

2,132,318

DISPLAY CASE

Thomas J. Pilliod and Ferdinand C. H. Müller, Swanton, Ohio, assignors to The Pilliod Cabinet Company, Swanton, Ohio, a corporation of Ohio

Application December 30, 1937, Serial No. 182,480
7 Claims. (Cl. 217—56)



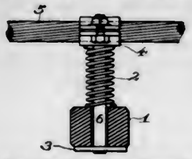
1. In an article display case, a base section having inwardly facing walls, and a cover section of resilient sheet material having a top body part, side wings projecting downward therefrom with extended ends and end portions projecting down and around the adjacent extended ends of the side wings in engagement therewith, said wings and end portions being inserted into the base portion and normally in outward interlocking engagement with its walls by reason of the inherent resiliency of the material.

2,132,319

VIBRATION DAMPER

Max Preiswerk, Neuhausen, Switzerland, assignor to Aluminum-Industrie-Aktien-Gesellschaft, Neuhausen, Switzerland, a joint-stock company of Switzerland

Application March 4, 1936, Serial No. 67,026
In Switzerland March 6, 1935
11 Claims. (Cl. 173—13)



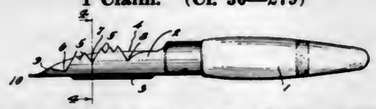
1. A device for damping vibrations of lines etc. characterized by a damping weight movable toward and away from the line, a spring resisting the movement of the weight in one direction, and a stop means limiting the movement of the weight in the other direction, said stop means being so positioned that the weight is substantially in contact with it when at rest.

2,132,320

PARING KNIFE

Leo F. Quinn, Vina, Calif.

Application September 26, 1936, Serial No. 102,787
Renewed July 18, 1938
1 Claim. (Cl. 30—279)



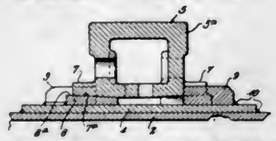
An implement for preparing fruits, vegetables, and the like, comprising a handle, a transversely arcuate blade member mounted on the handle and having a longitudinally-extending cutting edge, formed at an intermediate portion of the body thereof, one of the longitudinal edges of the blade member being serrated, and the serrations being arranged in longitudinally spaced groups of different widths and number of serrations, the points of the serrations lying in a curve extending substantially from the point to the handle, the space between the groups having the form of a recess extending into the body of the blade member beyond the base of the serrations aforesaid.

2,132,321

TIRE FASTENING FOR KILNS AND THE LIKE

Lewis A. Rice, Allentown, Pa., assignor to Traylor Engineering and Manufacturing Company, Allentown, Pa., a corporation of Delaware

Application April 12, 1938, Serial No. 201,564
2 Claims. (Cl. 308—204)



1. A tire fastening for rotary shells of the type adapted to be supported intermediate their ends upon rollers, said tire fastening comprising a riding ring surrounding the shell and of slightly greater diameter than the diameter of the shell, and a series of segmental wedges extending into the space between the riding ring and shell to take up the clearance therebetween, said segmental wedges being circumferentially spaced about the shell and having inclined bearing surfaces cooperating with complementary inclined bearing surfaces upon the inner circumference of the riding ring, and a plurality of anchor blocks rigidly fastened to the shell engaging opposite sides of the riding ring and providing abutments for the ends of adjacent segmental wedges, whereby to prevent lateral displacement of the tire and circumferential shifting of the segmental wedges.

2,132,322

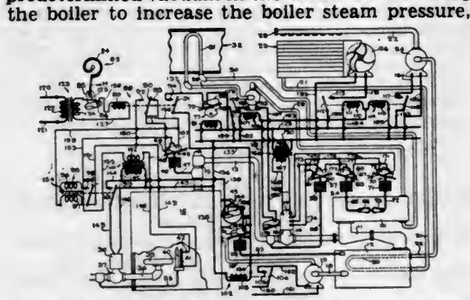
EJECTOR TYPE REFRIGERATING SYSTEM

Joseph E. Robb, Kansas City, Kans., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware

Original application June 6, 1934, Serial No. 729,252. Divided and this application November 20, 1935, Serial No. 50,688
16 Claims. (Cl. 62—152)

1. In a cooling system having a condenser, an ejector, an evaporator and a steam boiler, the combination of means responsive to a demand for cooling for producing a vacuum in the condenser, means responsive to the production of a

predetermined vacuum in the condenser for firing the boiler to increase the boiler steam pressure,



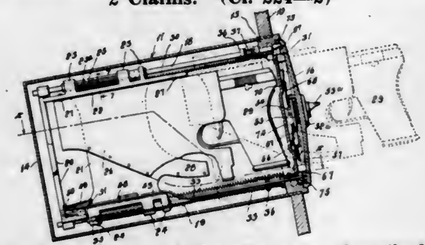
and means responsive to a predetermined steam pressure for placing the ejector in operation.

2,132,323

PISTOL HOLDING DEVICE

John R. Sander, West Palm Beach, Fla.

Application April 28, 1937, Serial No. 139,591
2 Claims. (Cl. 224—2)



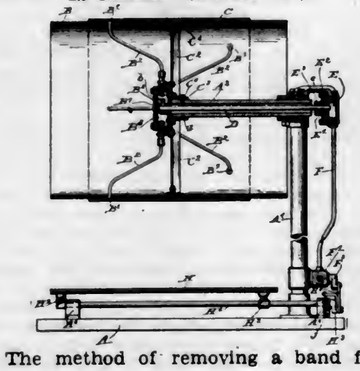
1. In a device of the character described, a casing, a closure door for the casing, a tensioned pistol support slidable in the casing, latch mechanism for retaining the support in the casing during placement of a pistol therein when the door is open and a part of the latch mechanism lying in the path of closing movement of the door whereby the door releases the latch mechanism when the door is moved to closed position for automatic projection of the holder and pistol when the door is thereafter opened.

2,132,324

METHOD OF AND APPARATUS FOR REMOVING BANDS FROM BUILDING DRUMS

Harry P. Schrank, Akron, Ohio, assignor to Selberling Rubber Company, a corporation of Delaware

Application October 26, 1935, Serial No. 46,854
12 Claims. (Cl. 154—14)



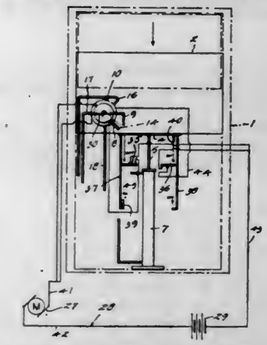
1. The method of removing a band from a building drum with which the band is in direct contact, which includes forcing air between the band and drum in different regions of the band to break the adhesion therebetween, and concurrently sliding the band off the drum.

2,132,325

HYDRAULIC WINDOW LIFT

Leute Soldatti, Benld, Ill.

Application September 20, 1937, Serial No. 164,787
1 Claim. (Cl. 268—125)



In combination with a window construction including a frame opened and closed by a slidable panel, a cylinder carried by said frame, a plate fixed to said panel, a piston operating in said cylinder and connected to said plate, a fluid system including a pump connected to opposite ends of the cylinder and a control valve for directing fluid from the pump to either end of the cylinder and permitting fluid to return to said pump from the cylinder, an electric motor for driving said pump, an electric circuit including a source of electrical energy connected to said motor, a double pole switch for said circuit and operated by the movements of said valve, a pair of switches connected in said circuit and one switch of said pair of switches connected in series with one pole of the double pole switch and the other switch of the pair of switches connected in series with the other pole of the double pole switch, a pair of spaced switch actuating arms carried by said plate for actuating said pair of switches in a manner to alternately close and break the respective circuits therethrough, and a pair of trips, one carried by said plate and the other mounted on one of said switch arms, said trips arranged to actuate said pair of switches in a manner to alternately break and close the circuits thereof after actuation of said pair of switches by said arms whereby the motor will be automatically stopped on the panel reaching frame closing position and frame opening position and automatically setting said circuit to be closed by said first mentioned switch on the next actuation of the control valve.

2,132,326

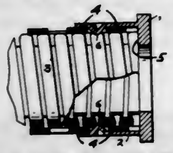
TUBE COUPLING

R. Harry Stone, Bound Brook, N. J., assignor to Titeflex Metal Hose Co., a corporation of New Jersey

Application August 31, 1936, Serial No. 98,649
4 Claims. (Cl. 285—72)

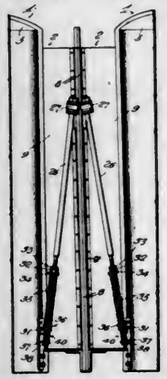
1. The combination with a coupling member having a skirt, of a corrugated tube entered within said skirt, said skirt having one or more projections intermediate the ends of the coupling

member, said projections projecting inwardly of said skirt and engaging said tube to secure it to



said member each of said projections being at its inner end of a length longitudinally of the tube which is less than the width of a corrugation.

2,132,327
FLOATING DIAPHRAGM FOR VESTIBULE CARS
John J. Tatum, Baltimore, Md.
Application August 24, 1936, Serial No. 97,669
12 Claims. (Cl. 105—10)



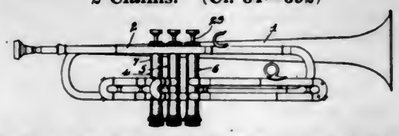
1. In combination, a vestibuled car, a diaphragm including a face plate, upper and lower supporting and guiding elements respectively disposed between the top and bottom portions of the face plate and the car, said upper supporting elements mounting the diaphragm face plate for compensating movements relative to the car and to adapt the face plate to have up and down movements, resilient means associated with the bottom guiding elements for buffing actions and yieldingly maintaining the lower portion of the face plate in operative position, and supporting means movably connecting the upper portion of the diaphragm with a portion of the car lying at an elevation therebelow for exerting a resilient upward and outward pressure on said portion of the diaphragm face plate and yieldingly sustaining the diaphragm for up and down floating movements.

2,132,328
DETACHABLE CAR ROOF
John J. Tatum, Baltimore, Md.
Application November 2, 1936, Serial No. 108,861
2 Claims. (Cl. 105—377)



1. A detachable roof for open top railroad cars comprising two parts, each consisting of inverted U-shaped carlines having base flanges, roof sheets secured on said flanges, said carlines and roof sheets being bent downwardly at their eaves ends to contact with the wall structure of the car, a flange depending from the outer edge of the end roof sheets, end sheets secured at their upper edges to said flanges, Z-shaped gussets secured to the lower edge of the roof end sheets and engaging the end wall of the car, said gussets functioning to hold the roof end sheets and roof structure from shifting in one longitudinal direction relatively to the car body.

2,132,329
VALVE CONSTRUCTION FOR WIND MUSICAL INSTRUMENTS
Edward B. Todt, Elkhart, Ind., assignor to Buescher Band Instrument Co., Elkhart, Ind.
Application February 13, 1937, Serial No. 125,664
2 Claims. (Cl. 84—392)



1. In a wind musical instrument, a fabricated valve structure comprising a plurality of valve casings disposed in side by side relation and spaced from each other at their intermediate portions, enlarged end portions carried by each casing, the periphery of the end portions of one casing contacting the periphery of the end portions of an adjacent casing, the exterior diameters of said end portions determining the spacing between the axes of adjacent casings, and means integrally securing together the contacting end portions of adjacent casings.

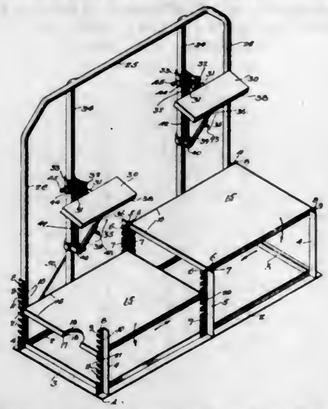
2,132,330
PREPARATION OF NITROHYDROXY COMPOUNDS
Byron M. Vanderbilt, Terre Haute, Ind., assignor to Purdue Research Foundation, La Fayette, Ind., a corporation of Indiana
No Drawing. Application June 30, 1937, Serial No. 151,155
10 Claims. (Cl. 260—632)

1. In a process for the production of nitrohydroxy compounds by the reaction of nitroparaffins and aldehydes, the improvement which comprises effecting the reaction in the presence of a catalyst essentially comprising a tertiary amine which does not readily react with the aldehyde employed and has a dissociation constant in excess of $K_b=10^{-10}$.

2,132,331
REST
Harry F. Wanamaker, Philadelphia, Pa., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa., a corporation of Pennsylvania
Application May 12, 1937, Serial No. 142,308
7 Claims. (Cl. 155—1)

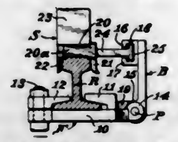
3. In an apparatus of the kind described, the combination of a substantially rectangular frame, a vertical post at each of the four corners of said frame, a central post on each longitudinal side of the frame intermediate said corner posts, a pair of relatively movable substantially rectangular platforms between said posts and extending in opposite directions respectively from said central posts to the corner posts at the opposite ends of said frame, lateral projections on each of the four corners of each platform with the projections at the corners of the platforms lying adjacent said central posts projecting into horizontal slots formed in said central posts and the

projections on the corners of the platforms lying adjacent the corner posts extending into inclined slots in said corner posts, the lower edges of said inclined slots functioning as cams to force said platforms in opposite directions toward said central posts, a vertical post extending upwardly from said frame adjacent one side of each platform intermediate the corners and central posts



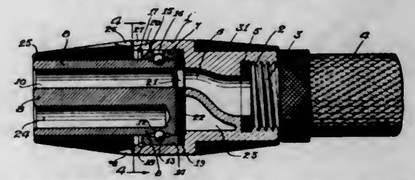
of said frame, a rear rest carried by each of said intermediate posts above each platform and rotatably mounted thereon for swinging movement from said positions above said platforms to positions beyond the edges of said platforms, and means for securing said rear rests at various elevations on said intermediate posts while allowing for said swinging movements.

2,132,332
CAR SKID
Charles A. Warden, Kimball, W. Va., assignor to Portable Lamp & Equipment Co., Pittsburgh, Pa., a corporation of Pennsylvania
Application December 10, 1935, Serial No. 53,818
3 Claims. (Cl. 104—257)



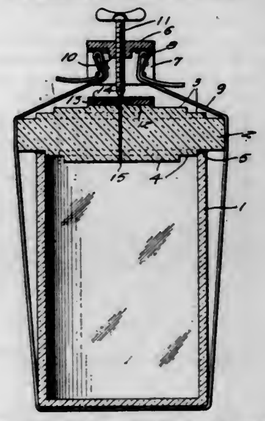
1. A car stopping device including a base provided with means for clamping it to a rail, a rockable member on said base, a skid disposed along the top of the rail and including a wheel-engaging surface and a wheel-abutment, interengaging parts one on said rockable member and one on said skid enabling swinging thereof jointly to and from the top of the rail to a position out of the path of travel of a car, said interengaging parts being constructed and arranged whereby the skid may be mounted for detachment from the said interengaged part on the rockable member by sliding in either direction relative to the rockable member and is adapted for sliding jointly with a car wheel engaged thereon relatively to the rockable member through impact of the car wheel with the abutment, said mounting enabling positioning and operation of said skid as aforesaid in one direction or the opposite direction relative to the rockable member according to the position of the abutment and the travel of the car wheel in the said one direction or the opposite direction, the interengaged parts having aligned apertures, and a frangible element disposed in said apertures adapted for rupture upon impact of a car wheel with said abutment.

2,132,333
ADJUSTABLE NOZZLE
Evert J. Wendell, Wayne, and Richard B. Sargent, Erdenheim, Pa., assignors to The Hale Fire Pump Co., Inc., Conshohocken, Pa., a corporation of Pennsylvania
Application September 16, 1937, Serial No. 164,238
6 Claims. (Cl. 299—139)



1. A nozzle comprising a base element having a longitudinal passage, a tip element connected with said base and having a plurality of longitudinal passages of differing diameters, said tip being adjustable with respect to the base to bring said differing passages selectively into registration with the base passage, a flexible diaphragm confined between the proximate ends of said base and tip and having a port registering with the end of said base passage, and means for detachably interlocking the tip with the base, said means comprising an element relatively fixed with respect to the base and having clamping engagement with the diaphragm.

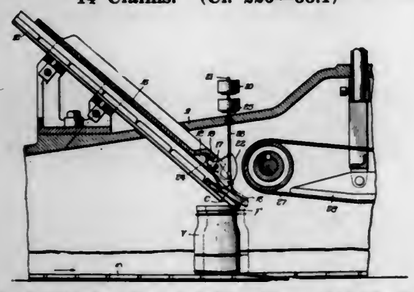
2,132,334
JAR CLOSURE
Orange West, Riffe, Wash.
Application August 30, 1937, Serial No. 161,646
2 Claims. (Cl. 215—88)



1. A jar closure comprising a cap, stepped shouldered portions on said cap to fit jars having upper ends of various diameters, sealing means of various diameters to fit the shouldered portions for disposal between the jar and cap, clamping means including a band for disposal about the jar and upon diametrically opposite sides of said cap, means including superimposed pins arranged in spaced pairs for detachably and adjustably receiving the end portions of the band to be looped about the pins in clamping association therewith,

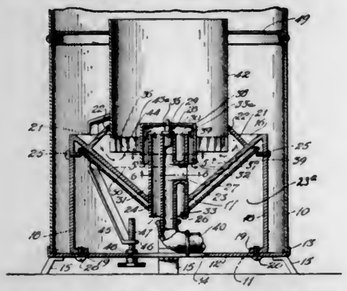
and screw means to bear against the cap and cooperating with the pin carrying means for drawing the band taut to secure the cap in sealed position.

2,132,335
CLOSURE CAP APPLYING APPARATUS
William P. White, Glencoe, Ill., assignor to White Cap Company, Chicago, Ill., a corporation of Delaware
Application August 9, 1935, Serial No. 35,453
14 Claims. (Cl. 226—88.1)



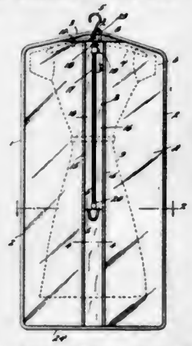
1. Apparatus for applying closure caps to containers, comprising, in combination with conveying means for moving a container progressively, a sloping cap chute down which the caps feed in engagement with one another seriatim, movable detent means for engaging successive caps to control their release from the chute, a yieldably acting depressor arranged to bear upon the rearward portion of the top of the lowermost cap incident to withdrawal thereof from the chute, a yieldably acting depressor arranged to bear upon the rearward portion of the top of the lowermost cap incident to withdrawal thereof from the detent means, thereby to prevent its being over-ridden by the following cap, and a yieldably acting cap leveler arranged to apply downward pressure to the cap after its release from the detent means but while its rearward portion is supported on the cap chute.

2,132,336
OIL OR LIQUID FUEL BURNER
George W. Whitehurst, Portsmouth, Va.
Application April 6, 1936, Serial No. 73,030
14 Claims. (Cl. 158—91)



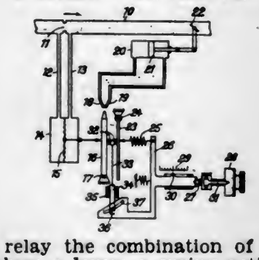
1. In a liquid fuel burner, a vertical combined fuel receiving and fuel vaporizing element of funnel-shaped contour, a fuel intake pipe extending upwardly in and discharging intermediate its ends into said element, a vertical air intake sleeve encompassing said pipe and intaking air at its lower end, a closure for the upper end of the pipe, a downwardly opening air conducting means of cap-like form supported by said closure, spaced above the upper ends of said sleeve and pipe and encompassing in spaced relation the upper portion of said sleeve, said pipe and sleeve extending through and depending from the bottom of the element, and a burner tube suspended over said element and disposed in concentric relation to said air conducting means.

2,132,337
TRANSPARENT GARMENT PROTECTOR
Benjamin W. Whiteman, Atlanta, Ga.
Application April 16, 1937, Serial No. 137,361
3 Claims. (Cl. 206—7)



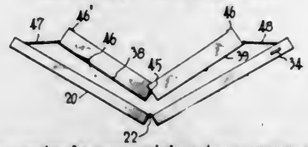
1. A garment container in which articles of clothing are adapted to be suspended, comprising an elongated bag including front and rear sides formed from transparent material, the front transparent side being truncated at its upper end, a suitably secured binder surrounding the edges of the bag, the front side being formed with a slot-like opening extending throughout its length, a strengthening binder suitably attached to said truncated end with its ends connected to said first mentioned stiffening binder and bridging said opening, and closure means for said opening including a slide fastener means, and a strengthening reinforcing means connecting the meeting edges of the transparent material and closure means and connected to said first mentioned stiffening binder at the bottom of the bag and said truncated binder, whereby a strengthened bag structure is effected.

2,132,338
RELAY
Herbert Ziebolz, Chicago, Ill., assignor to Askania-Werke A. G., a corporation of Germany
Application November 24, 1937, Serial No. 176,393
In Germany November 25, 1936
8 Claims. (Cl. 121—41)



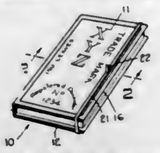
1. In a relay the combination of a movable relay member; a lever; a spring acting on said lever; a force transmitting member mounted for displacement relatively to, and engaging said relay member and lever; and means for jointly varying the tension of said spring and displacing said transmitting member.

2,132,339
RECEPTACLE
Walter Zipper, Vienna, Austria, assignor to Evans Case Company, North Attleboro, Mass., a corporation of Massachusetts
Application January 13, 1938, Serial No. 184,882
In Austria March 10, 1937
11 Claims. (Cl. 206—41)



1. A receptacle comprising two cover members, a hinge connecting the members to each other at one edge, catches at edges of one member, springs supporting the catches, finger pieces to release the catches, inwardly turned lugs at the edges of the other member releasably engaging the catches to hold the receptacle closed, seats on the members at the edges opposite the hinge, pins carried in the seats, plates on the pins, bearings on the sides of the plates away from the pins, holder members engaging the bearings, a rod holding together the bearings and the holder members, a pintle hinging together the holder members at their edges opposite the plates, releasable means at the sides of the holder members holding them in contact with each other, and resilient members alternately and oppositely disposed in the holder members for engaging articles to be held therein.

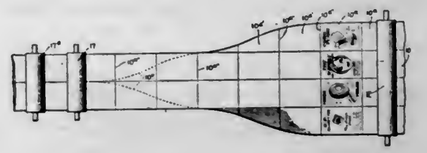
2,132,340
CIGARETTE PAPER BOOKLET
William F. Grupe, Lyndhurst, N. J., assignor to Chambon Corporation, Garfield, N. J., a corporation of New York
Application June 13, 1935, Serial No. 26,372
2 Claims. (Cl. 206—57)



1. A cover for a cigarette paper booklet comprising opposedly related cover portions, each cover portion being formed of a plurality of mutually co-extensive plies respectively integrally related to one another, each plurality of mutually co-extensive plies being folded upon and bonded respectively to one another, the material of said cover portions being integrally connected to one another, said cover portions being spaced from one another to provide a backbone of lesser thickness as compared with the cover portions, the obverse and reverse faces of said cover portions bearing legible matter, the aforesaid serving to receive a bloc of cigarette papers.

2,132,341
IMPROVED MAGAZINE COVER AND METHOD OF PRODUCING SAME
William F. Grupe, Lyndhurst, N. J., assignor to Chambon Corporation, Garfield, N. J., a corporation of New York
Application June 13, 1935, Serial No. 26,373
27 Claims. (Cl. 281—29)

4. The method of producing articles of the character described which comprises impressing one face of a web of sheet material, continuously folding the laterally opposite margins of the web inwardly against the mid-portion of the web so that impressed faces thereof are faced outermost, continuously securing the said margins in their

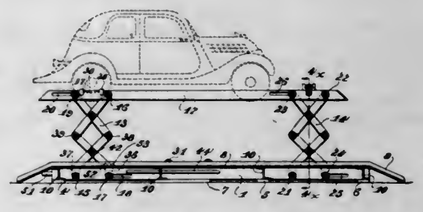


new positions, successively severing individual covers from the so folded web across the width thereof, and folding the so-prepared blanks to form covers having insert-receiving back portions, respectively.

2,132,342
PROCESS FOR RENDERING WOOL UNSHRINKABLE
Ernest Lee Jackson, Washington, D. C.
No Drawing. Application November 12, 1929, Serial No. 406,729
10 Claims. (Cl. 8—128)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

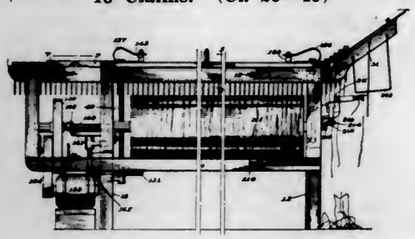
1. A process of rendering wool unshrinkable, comprising subjecting the material containing its normal water content under usual atmospheric conditions, to a treatment involving a mixture of a tertiary stable hypochlorite of the group consisting of tertiary butyl hypochlorite and tertiary amyl hypochlorite and a primary or secondary alcohol containing from one to five carbon atoms.

2,132,343
LIFTING JACK FOR AUTOMOBILES
George E. Jarrett, Rochester, N. Y., assignor of one-fourth to Annabelle Moss, Geneseo, N. Y.
Application May 2, 1935, Serial No. 19,459
3 Claims. (Cl. 254—122)



1. A lifting jack for automobiles comprising a base adapted to rest upon the ground, running boards on either side of the base forming a part thereof and adapted to form a runway for the tires of an auto, a lifting frame above the base adapted to engage the frame of the auto inside of the tires thereof, lazy tongs interposed between the base and the lifting frame at each end thereof, and positively connected to both, a cylinder and a piston mounted horizontally on the base, said piston moving horizontally and being connected to the lazy tongs at one end of the jack, and being adapted to move the lazy tongs to lift the lifting frame, links connecting the two sets of lazy tongs whereby both sets are caused to operate in unison by one cylinder and piston.

2,132,344
BOBBIN STRIPPER
Leonard Kleeb, Jr., Fall River, Mass., assignor, by mesne assignments, to The Terrell Machine Company, Charlotte, N. C., a corporation of North Carolina
Application March 16, 1936, Serial No. 69,073
18 Claims. (Cl. 28—19)

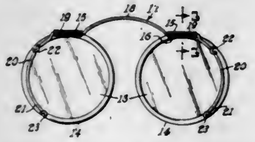


1. In a machine for stripping bobbins, the combination of a pair of tracks spaced apart to support, between them, bobbins in pendent position with their tips lowermost, at least one of said tracks being in sections and having means yieldingly urging the track sections toward the opposite track, and bobbin engaging means movable longitudinally of the machine above the tracks for feeding bobbins so supported.

2,132,345
PROCESS OF RENDERING WOOL UNSHRINKABLE
Joseph S. Reichert, Metuchen, N. J., and Ralph W. Peakes, Edgewood Arsenal, Md.
No Drawing. Application March 6, 1930, Serial No. 433,793
26 Claims. (Cl. 8—128)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

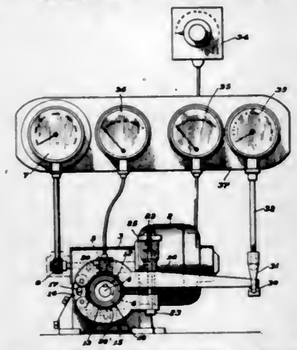
22. A process of rendering wool unshrinkable comprising chlorinating the wool with a tertiary alkyl hypochlorite of the group consisting of the tertiary amyl hypochlorite and tertiary butyl hypochlorite.

2,132,346
INTERCONVERTIBLE GOGGLE AND EYE-SHADE
Harry C. Richards, North Arlington, N. J., assignor to Fosgood Corporation, Leominster, Mass., a corporation of Massachusetts
Application January 27, 1937, Serial No. 122,489
4 Claims. (Cl. 88—41)



1. In an auxiliary glare shield attachment for eyeglasses, a wire frame formed to provide a curved central portion and oppositely extending horizontal reach portions projecting outwardly from each end of said curved portion, a glare shield for each eyeglass including a rim having a pair of centrally located and vertically spaced lugs extending rearwardly therefrom to receive and frictionally grip a horizontal reach portion of the frame therebetween, and means formed on the wire frame for connecting the latter and thereby the glare shield to the eyeglasses.

2,132,347
MACHINE FOR TESTING LUBRICANTS
Hugo J. Anderson, Boston, Mass., assignor to Lubrx Products, Inc., Boston, Mass., a corporation of Massachusetts
Application February 6, 1936, Serial No. 62,626
4 Claims. (Cl. 265—10)



1. In a machine for testing the lubricating properties of oils, greases, and the like, the combination of a variable speed electric motor, means adjustable to vary the speed of said motor, a member revolved by said motor, a friction element bearing on said member, means for supporting said element, mechanism for pressing said element against said member whereby said member will exert a torque on said element and on said mechanism, said mechanism being adjustable to vary the pressure so applied and consequently to vary said torque, a tachometer connected with said motor to indicate continuously the speed of the latter, a meter indicating continuously variations in the power consumption of the motor, and means for continuously measuring the instantaneous values of the torque so exerted on said element.

2,132,348
HIGHER MOLECULAR ALCOHOLS
Heinrich Bertsch, Chemnitz, Germany, assignor to American Hyalsol Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application December 3, 1935, Serial No. 52,701. In Germany August 18, 1928
32 Claims. (Cl. 91—68)

1. The process of improving the softness and smoothness of textile materials comprising applying to such materials an agent consisting essentially of a higher aliphatic alcohol having from 16 to 22 carbon atoms.

2,132,349
TREATMENT OF PHOSPHORIC ACID TO REMOVE FLUORINE
Charles F. Booth, Anniston, Ala., assignor, by mesne assignments, to Monsanto Chemical Company, a corporation of Delaware
No Drawing. Application January 2, 1937, Serial No. 118,919
7 Claims. (Cl. 23—165)

1. A process for the substantially complete removal of fluorine from phosphoric acid containing the same, which comprises adsorbing fluorine from said acid by contacting said acid with an adsorbent hydrated skeletal material of the class consisting of silica, titanium dioxide, vanadic acid and stannic acid, the amount of adsorbent being greatly in excess of its combining proportion with the fluorine present.

2,132,350
SOLVENT REFINING OF HYDROCARBON OIL
Louis A. Clarke, Fishkill, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Application June 5, 1937, Serial No. 146,587
2 Claims. (Cl. 196—13)

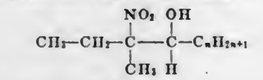
1. In the refining of hydrocarbon oil containing relatively paraffinic and relatively non-paraffinic constituents to separate the oil into fractions respectively rich in paraffinic and non-paraffinic constituents, the method which comprises mixing the oil with a selective solvent comprising resorcinol monoacetate, forming an extract phase containing non-paraffinic constituents dissolved in the solvent and a raffinate phase comprising paraffinic constituents of the oil, and separating the two phases.

2,132,351
STABLE AQUEOUS SOLUTIONS OF SUBSTANCES HAVING AN ANESTHETIC EFFECT
Eugen Dörzbach and Viktor Bross, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application November 11, 1935, Serial No. 49,324. In Germany July 14, 1934
9 Claims. (Cl. 167—52)

1. A stable aqueous solution containing an anesthetic selected from the group consisting of amino-benzoic acid-alkamine-esters and potassium-, sodium-, calcium- and magnesium-cations as well as sulfuric acid-, hydrochloric acid-, carbonic acid- and phosphoric acid anions.

2,132,352
NITROALCOHOLS
Henry B. Hass, West Lafayette, and Byron M. Vanderbilt, Terre Haute, Ind., assignors to Purdue Research Foundation, La Fayette, Ind., a corporation of Indiana
No Drawing. Application June 25, 1937, Serial No. 150,310
3 Claims. (Cl. 260—632)

1. A nitroalcohol of the formula:



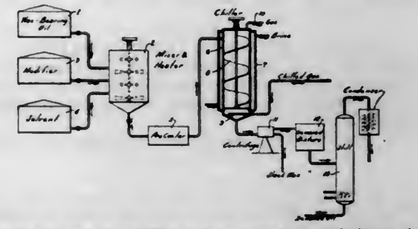
in which n represents 0 or 1.

2,132,353
NITROALCOHOL
Henry B. Hass, West Lafayette, and Byron M. Vanderbilt, Terre Haute, Ind., assignors to Purdue Research Foundation, La Fayette, Ind., a corporation of Indiana
No Drawing. Application June 25, 1937, Serial No. 150,311
1 Claim. (Cl. 260—632)

3-methyl-3-nitro-2-butanol.

2,132,354
DEWAXING WAX-BEARING OIL
Edwin C. Knowles, Beacon, N. Y., and Eddins W. McNealy, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y., a corporation of Delaware
Application November 16, 1935, Serial No. 50,098
6 Claims. (Cl. 196—18)

1. The method of dewaxing a wax-bearing mineral lubricating oil which comprises mixing the oil containing a wax crystal modifying material with a normally liquid hydrocarbon solvent of such character and in such proportion with the oil that the minimum temperature at which the wax and oil appear to be completely dissolved in the solvent is around 100 to 125° F., heating the mixture to an elevated temperature of around 160 to 185° F. such that the wax and oil remain completely dissolved in the solvent at the elevated temperature and



such that upon chilling the heated mixture to around 0° F. and separating the precipitated wax by settling, the rate of separation is more than double that realized where the mixture is heated only to about said minimum temperature, chilling the mixture to a temperature of 0° F. and below, and centrifuging the chilled mixture to remove the precipitated wax.

2,132,355
SEPARATION OF WAX FROM HYDROCARBON OILS
Edwin C. Knowles, Beacon, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Application May 15, 1936, Serial No. 79,924
4 Claims. (Cl. 196—18)

1. The method of dewaxing wax-bearing mineral oil which comprises mixing with the oil a solvent liquid mixture comprising 40% to 50% isopropyl ether, 20% to 35% methyl ethyl ketone, and 20% to 35% dioxane, chilling the mixture to a temperature of around 0° F. and below to form a precipitate comprising solidified wax and crystals of dioxane, and filtering the cold mixture to remove the resulting precipitate.

2,132,356
CARBOXYLATION OF ALKALI METAL SALTS OF PHENOLS
Hans Z. Lecher, Plainfield, and Mario Scalera, Somerville, N. J., assignors to The Calco Chemical Co., Inc., Bound Brook, N. J., a corporation of Delaware
No Drawing. Application April 29, 1937, Serial No. 139,712
20 Claims. (Cl. 260—523)

1. A method of carboxylating alkali metal salts of phenols which comprises subjecting to the action of carbon dioxide a substantially anhydrous solution of an alkali metal phenolate in a solvent containing as a major component a heterocyclic compound which has a six-membered ring with two oxygen atoms in the ring, and is free from groups capable of reacting with the reactants or reaction products.

2,132,357
CARBOXYLATION OF ALKALI METAL SALTS OF PHENOLS
Hans Z. Lecher, Plainfield, and Mario Scalera, Somerville, N. J., assignors to The Calco Chemical Company, Inc., Bound Brook, N. J., a corporation of Delaware
No Drawing. Application July 31, 1937, Serial No. 156,704
21 Claims. (Cl. 260—111)

1. A method of carboxylating alkali metal salts

of phenols which comprises subjecting to the action of carbon dioxide a substantially anhydrous solution of an alkali metal phenolate in a solvent having a major component belonging to the group consisting of pyridine, compounds containing condensed pyridine rings, and their homologs.

2,132,358

BUTYL ALCOHOL FERMENTATION

David A. Legg and Milford T. Walton, Terre Haute, Ind., assignors to Commercial Solvents Corporation, Terre Haute, Ind., a corporation of Maryland

No Drawing. Application November 30, 1936, Serial No. 113,436

9 Claims. (Cl. 195—46)

9. In a process for the production of butyl alcohol from fermentable carbohydrate mashes chosen from the class consisting of nutrient starch mashes and nutrient sugar mashes by means of butyl alcohol producing bacteria of the type which are capable of producing consistently higher yields of solvents from nutrient glucose mashes than from mashes consisting solely of grain meal and water, the improvement which comprises subjecting the mash to the action of a culture of said bacteria which has previously been repeatedly subcultivated in the presence of a portion of a Berkefeld filtrate from a mash in which bacteria having an identical combination of identifying characteristics are undergoing sluggish fermentation.

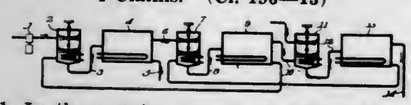
2,132,359

SOLVENT REFINING OF HYDROCARBON OIL

Bernard Y. McCarty, Beacon, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

Application July 17, 1933, Serial No. 680,687

4 Claims. (Cl. 196—13)



1. In the countercurrent extraction of hydrocarbon oil with a selective solvent to form raffinate and extract phases respectively rich in paraffinic and non-paraffinic constituents and wherein the oil and solvent move countercurrently through an extraction zone, the steps comprising introducing the solvent at a temperature at which it exerts substantially complete solvent action on the non-paraffinic constituents of the oil to said extraction zone at a point adjacent the point of raffinate phase discharge therefrom, and introducing the feed oil to said zone at a point more remote from the point of raffinate phase discharge and at a temperature substantially below that of the entering solvent such that a temperature differential of around 75° F. or more is maintained within said zone between the points of solvent and oil introduction.

2,132,360

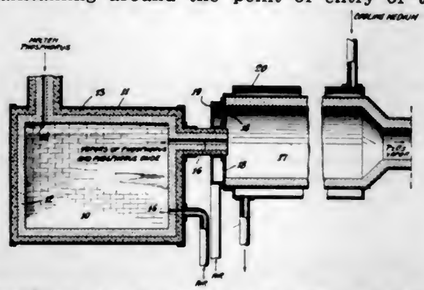
VAPORIZING AND OXIDIZING PHOSPHORUS

Milton H. Merchant, Woodbridge, N. J., assignor to The American Agricultural Chemical Company, Newark, N. J., a corporation of Delaware

Application May 19, 1936, Serial No. 80,517

6 Claims. (Cl. 23—165)

1. In a process of burning phosphorus, the steps comprising establishing in a vaporizing chamber an atmosphere containing vapors of elemental and oxidized phosphorus; continuously injecting air into the chamber and at a remote point delivering molten phosphorus into the chamber; maintaining the air supply at such amount that the oxygen content thereof is only a minor part of the amount theoretically required for complete oxidation of all the phosphorus, and maintaining around the point of entry of the



phosphorus an atmosphere still lower in oxygen at a temperature at which the phosphorus is flashed into vapor and the formation of a body of unvaporized phosphorus is prevented; discharging the vapors of elemental and oxidized phosphorus from the chamber; and completing the oxidation outside of the chamber by means of air separately supplied.

2,132,361

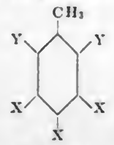
PROCESS OF CHLORINATING METHYL-AROMATIC COMPOUNDS

Philipp Osswald, Hofheim, and Otto Scherer, Frankfort-on-the-Main-Hochst, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application November 26, 1935, Serial No. 51,710. In Germany December 5, 1934

6 Claims. (Cl. 260—651)

3. The process of chlorinating methyl-aromatic compounds of the general formula



wherein one of the X's stands for CH_3 and the other X's and Y's stand for members of the group consisting of hydrogen, halogen, O-alkyl, and CH_3, which comprises introducing chlorine into the methyl benzenes at such a speed and in such a quantity that the resulting hydrogen chloride immediately after its formation is quickly dispelled by an escaping excess of chlorine at a temperature between about 100° C. and about 150° C. and with exposure to light.

2,132,362

CONVEYER SYSTEM

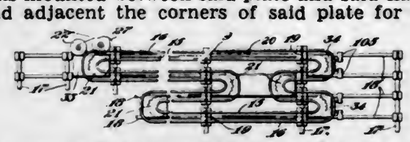
John E. Regan, Syracuse, N. Y., assignor to The Lamson Company, Syracuse, N. Y., a corporation of Massachusetts

Application March 8, 1935, Serial No. 9,993

2 Claims. (Cl. 198—138)

1. In a conveyer system wherein cars, impelled by an endless chain to which the cars are secured in spaced relation, travel on parallel tracks mounted in a vertical plane, each of said cars including a shelf having a vertical flange, a substantially rectangular plate fixed to said flange,

rolls mounted between said plate and said flange and adjacent the corners of said plate for en-



gagement with both said tracks, and a pin at the center of said plate connected to said chain.

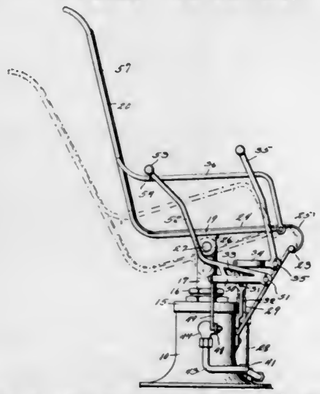
2,132,363

HYDRAULICALLY OPERATED RECLINING CHAIR

Thomas E. Thomas and Hollie H. Phillips, Nashville, Tenn., assignors of one-third to C. R. Quarles, Nashville, Tenn.

Application May 1, 1937, Serial No. 140,228

5 Claims. (Cl. 155—116)



1. In a reclinable chair having a seat, the combination of a base, means on the base pivotally supporting the front of the seat, hydraulic means for raising the seat to a horizontal position, manually operable means for operating the hydraulic means and including an operating lever extending upward beside the seat and closely adjacent thereto, a relief valve for relieving pressure in the hydraulic means to permit the descent of the seat to a rearwardly and downwardly inclined position, means yieldingly urging the relief valve to a closed position, a manually operable lever operatively connected to the relief valve and constructed and arranged to shift the relief valve to an open position against the action of said urging means, and coacting means on the chair and lever constructed and arranged to cause an automatic operation of the lever and the relief valve when the rear end of the chair has lifted beyond a predetermined point and until the chair has descended slightly.

2,132,364

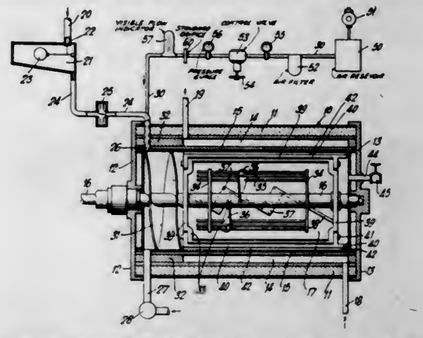
PROCESS AND APPARATUS FOR CONGEALING LIQUIDS

Emery Thompson, Larchmont, N. Y., assignor to Emery Thompson Machine & Supply Company, Bronx, N. Y., a corporation of New York

Application November 14, 1935, Serial No. 49,649

21 Claims. (Cl. 62—114)

1. In continuous apparatus for congealing liquids and simultaneously mixing gas therewith, a cylindrical chamber, a rotatable shaft extending longitudinally thereof, stirring means carried by said shaft, means to continuously admit in constant streams liquid and gas to said chamber at constant rates, the flow of the gas being independent of a rate of flow of the liquid means to



continuously withdraw congealed product, and a screw feeding member carried by said shaft adjacent the points of admitting liquid and gas.

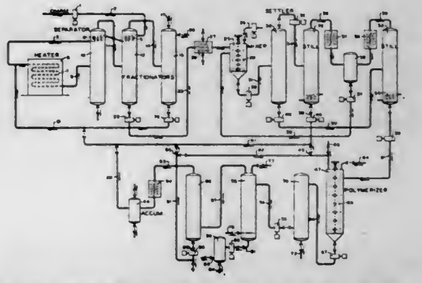
2,132,365

TREATMENT OF HYDROCARBONS

Charles C. Towne, Beacon, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

Application December 18, 1937, Serial No. 180,555

5 Claims. (Cl. 260—2)



1. The process which comprises subjecting hydrocarbon oil to a cracking operation to convert higher boiling oils into lower boiling oils of the class of gasoline, separating from the cracked products a cracked naphtha, extracting said naphtha with a solvent having selective solvent properties for unsaturated and aromatic hydrocarbons, separating an extract containing said aromatic and unsaturated hydrocarbons in concentrated form, and treating said extract with an anhydrous metallic halide polymerizing agent to produce a synthetic resin.

2,132,366

PROCESS OF BATING SKINS IN LEATHER MANUFACTURE

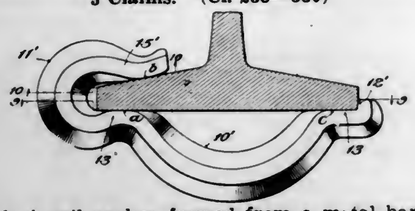
John Arthur Wilson, Milwaukee, Wis., assignor, by mesne assignments, to Monsanto Chemical Company, a corporation of Delaware

No Drawing. Application May 10, 1935, Serial No. 20,770

5 Claims. (Cl. 195—6)

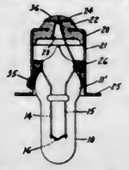
1. A process for bating hides including treating said hides with a solution comprising a pancreatic digestive enzyme having hide bating properties, and a water soluble alkaline compound of sodium meta phosphate and tetra sodium pyrophosphate.

2,132,367
RAIL ANCHOR
David P. Wolhaupter, Washington, D. C., assignor to Poor & Company, Chicago, Ill., a corporation of Delaware
Application January 15, 1937, Serial No. 120,785
3 Claims. (Cl. 238—330)



1. A rail anchor formed from a metal bar of truncated triangular form both above and below its horizontal axis with an intervening portion of rectangular cross-section, said bar being of greater depth vertically than horizontally and provided at one end with a resilient rail gripping jaw and at its opposite end with rail engaging retaining means, said rectangular portion of the bar providing side flat tie engaging faces, the edge portion of the rail engaging truncated triangular part of the bar being provided with laterally widened rail bearing faces at the locations of the bar which engage the rail, said bar being otherwise of uniform cross-section throughout its length.

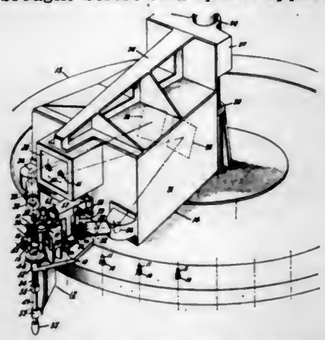
2,132,368
ELECTRIC LAMP AND METHOD OF MANUFACTURE THEREOF
Walter J. Geiger, Cleveland Heights, Ohio, assignor to General Electric Company, a corporation of New York
Application March 13, 1936, Serial No. 68,699
5 Claims. (Cl. 176—32)



3. An electric lamp comprising a bulb having a spherical neck portion, a light source in said bulb, a cylindrical base surrounding said neck portion of said bulb and having an internal diameter slightly larger than the diameter of said neck portion of said bulb, the end of said base adjacent said bulb being out of abutting contact with any part of said bulb, and an outwardly extending projection on said base located at a predetermined distance and in a predetermined plane with respect to said light source, said base being only partially filled with a ring of cement surrounding at least a portion of said bulb neck and securing it to said base.

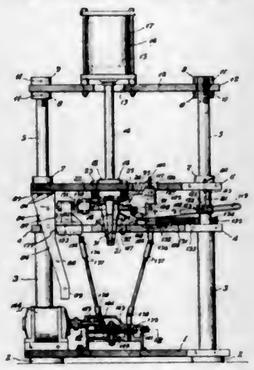
2,132,369
LAMP MAKING APPARATUS
Walter J. Geiger and Reginald J. Ayres, Cleveland Heights, Ohio, assignors to General Electric Company, a corporation of New York
Application January 29, 1938, Serial No. 187,709
6 Claims. (Cl. 176—3)

5. In a device of the type described, the combination of a carrier constructed and arranged to move in a substantially horizontal plane and having a head mounted thereon for supporting an electric lamp, optical apparatus mounted adjacent the path of movement of said head for indicating when the light source of said lamp is accurately located with respect to a reference surface on the lamp, and means for causing said optical apparatus and said head to be accurately aligned in predetermined relationship when said head is brought before said optical apparatus by



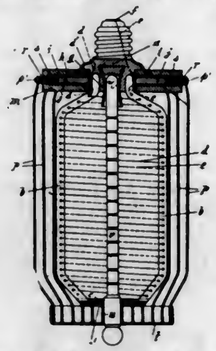
movement of said carrier, said means comprising a plunger on said optical apparatus constructed and arranged to enter a closely fitting aperture in said head to horizontally align said head and optical apparatus, and an arm extending horizontally from said optical apparatus and arranged to engage a horizontal surface on said head to vertically align said head and optical apparatus.

2,132,370
METAL ROLLING APPARATUS AND METHOD FOR ANNULAR WORK
Henry M. Hubbard, Cleveland, Ohio
Application February 25, 1938, Serial No. 192,519
17 Claims. (Cl. 80—5)



1. A metal rolling apparatus for annular work, having in combination a single central work-centering and work-expanding unit provided with a plurality of active roller contact elements, means for moving said unit relatively to the work to bring said elements into contact with the full width of the inner circumference of said work whereby said rollers exert an outward radially directed force on said annular work, a plurality of rolls disposed in spaced relation about said central unit and having rolling contact with the outer circumferential surface of said work and a plurality of rolls disposed in spaced relation about said central unit and having rolling contact with the upper and lower surfaces of said work, to produce certain cross-sectional shapes of said annular work.

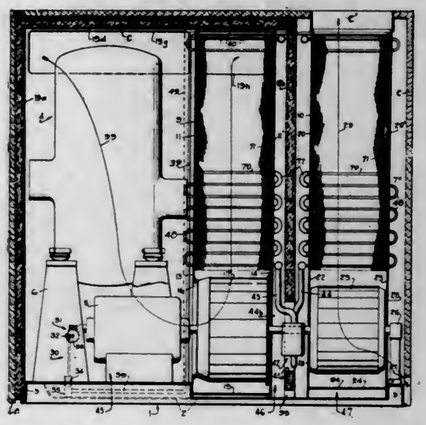
2,132,371
INSECT CATCHER WITH CATCHING GRID UNDER ELECTRIC TENSION
Hans Kriwat, Brunswick-Gliesmarode, and Wilhelm Klages, Hanover, Germany
Application June 23, 1936, Serial No. 86,858
In Germany June 26, 1935
2 Claims. (Cl. 43—112)



1. An insect catcher, comprising in combination a plug adapted to be screwed into any lamp holder, a downwardly directed cylindrical extension of said plug, perforated strips of insulating material cast at one end in said plug, two electricity conducting wires threaded through the perforations of said strips and stretched across the space between said strips and forming with said strips a catching grid, one of said wires terminating in the outer surface of said plug, both wires being interrupted in said plug, a disc of insulating material mounted on said cylindrical extension, two opposite contact plates on the under surface of said disc, a second disc of insulating material under said first mentioned disc having two recesses at opposite points of the rim, two contact plates on said second mentioned disc lying directly under said contact plates of the upper disc, said pairs of contact plates contacting with the ends of the corresponding wires at the interruption, an intermediate plate of insulating material and of shorter diameter than and between said two discs, two radial oppositely directed arms projecting from opposite points of the circumference of said intermediate disc, a protecting cage of wire enclosing said catching grid, two insulating strips in the shape of a quarter ring in the upper end of said protecting cage and adapted to be inserted between said first and second discs into the space left by the corresponding intermediate disc, and a contact piece at one end of each of said insulating strips adapted to bear against the corresponding arm of said intermediate disc to close the circuit between said interrupted wires.

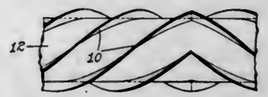
2,132,372
AIR CONDITIONING APPARATUS
Arthur S. Locke, Philadelphia, Pa., assignor to Baldwin-Southwark Corporation, a corporation of Delaware
Application April 27, 1934, Serial No. 722,714
15 Claims. (Cl. 62—129)

2. An air conditioning unit comprising, in combination, a casing having a substantially flat base, partition means cooperating with said casing to divide the interior thereof into parallel compartments extending from the base to the top of the casing, an evaporator in one of said compartments, refrigerant liquefying mechanism connected to said evaporator and comprising a motor, a compressor and a condenser arranged in the remainder of said compartments, an outside air inlet and outlet disposed at the upper portion of said casing in substantially adjacent relation to



each other for conducting outside condenser cooling air into the unit, said partition means forming a passage connecting said inlet and said outlet to bring the outside air into heat absorbing relation with said condenser, a blower disposed in said condenser compartment for circulating said outside air inwardly of said inlet and over said condenser and outwardly through said outlet, and a blower in said compartment which contains the evaporator for circulating room air thereover.

2,132,373
METHOD OF MAKING HELICAL BLADES
Edward L. Bartholomew, Marblehead, Mass., assignor to The Turner Tanning Machinery Company, Portland, Oreg., a corporation of Maine
Application March 29, 1937, Serial No. 133,501
6 Claims. (Cl. 148—12)

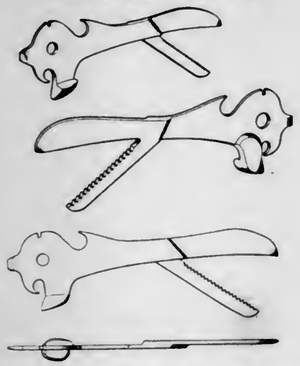


1. That improvement in methods of making cutter blades of helical form with a cutting edge of air-hardened steel from a flat composite steel bar having an edge portion thereof composed of an air-hardening alloy steel, which comprises heating the bar to a temperature such that the air-hardening alloy steel will flow under forming pressure to provide an extended and unbroken convexly curved cutting edge, then with the bar substantially at the specified temperature forming it into a blade of a helical shape, maintaining the bar within a range of temperatures during the forming operation such that, at the end of the forming operation, the alloy steel will air-harden to the proper degree, and air-hardening the cutting edge of the blade.

DESIGNS

OCTOBER 4, 1938

111,564
DESIGN FOR A COMBINATION KITCHEN TOOL
Ernest Cullen, San Diego, Calif., assignor to John B. Smiley, Los Angeles, Calif.
Application May 20, 1938, Serial No. 77,309
Term of patent 7 years



The ornamental design for a combination kitchen tool, substantially as shown.

111,565
DESIGN FOR A DECORATIVE NAIL
Joseph Eitinger, New York, N. Y.
Application July 9, 1938, Serial No. 78,366
Term of patent 3½ years





The ornamental design for a decorative nail, substantially as shown.

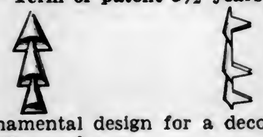
111,566
DESIGN FOR A DECORATIVE NAIL
Joseph Eitinger, New York, N. Y.
Application July 13, 1938, Serial No. 78,441
Term of patent 3½ years





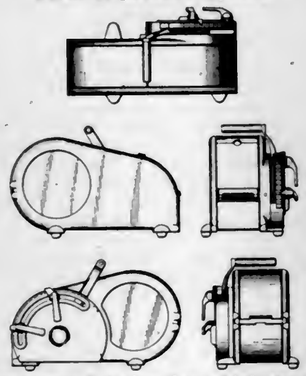
The ornamental design for a decorative nail, substantially as shown.

111,567
DESIGN FOR A DECORATIVE NAIL
Joseph Eitinger, New York, N. Y.
Application July 13, 1938, Serial No. 78,442
Term of patent 3½ years



The ornamental design for a decorative nail, substantially as shown.

111,568
DESIGN FOR A STRIP SERVER
Trevor R. Gautier, Nashua, N. H., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H., a corporation of Massachusetts
Application July 12, 1938, Serial No. 78,418
Term of patent 14 years



The ornamental design for a strip server, substantially as shown.

111,569
DESIGN FOR A STATUETTE
Fred S. Hoefer, Morristown, N. J.
Application August 5, 1938, Serial No. 79,138
Term of patent 14 years



The ornamental design for a statuette, as shown.

111,570
DESIGN FOR A BIRD CAGE
Norman A. Olson, Oak Park, Ill.
Application November 18, 1937, Serial No. 72,994
Term of patent 3½ years



The ornamental design for a bird cage as shown.

111,571
DESIGN FOR A WHAT-NOT
Joseph A. Rankel, Oshkosh, Wis.
Application August 15, 1938, Serial No. 79,360
Term of patent 7 years



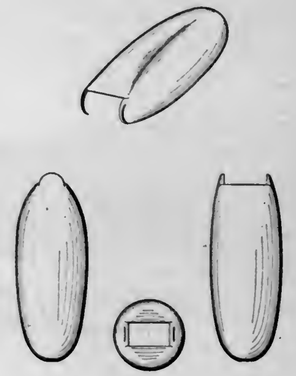
The ornamental design for a what-not, as shown.

111,572
DESIGN FOR A COMBINED FLAG AND STAFF
Abraham Samuel Rosen, New York, N. Y.
Application July 28, 1938, Serial No. 78,788
Term of patent 7 years



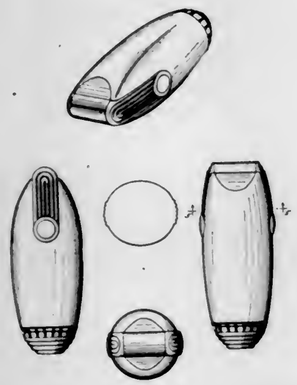
The ornamental design for a combined flag and staff, as shown and described.

111,573
DESIGN FOR A CASING FOR AN ELECTRIC SHAVER
George T. Scharfenberg, Chicago, Ill., assignor to Chicago Flexible Shaft Company, Chicago, Ill., a corporation of Illinois
Application March 24, 1938, Serial No. 76,079
Term of patent 14 years



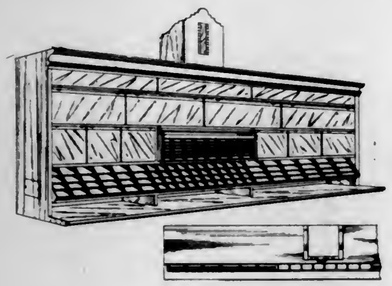
The ornamental design for a casing for an electric shaver, substantially as shown.

111,574
DESIGN FOR AN ELECTRIC SHAVER
George T. Scharfenberg, Chicago, Ill., assignor to Chicago Flexible Shaft Company, Chicago, Ill., a corporation of Illinois
Application March 24, 1938, Serial No. 76,080
Term of patent 14 years



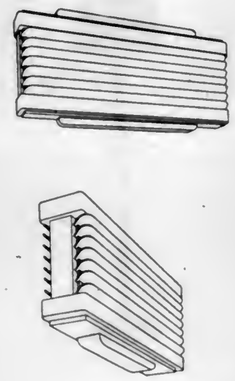
The ornamental design for an electric shaver, substantially as shown and described.

111,575
DESIGN FOR A DISPLAY CABINET
Raoul J. Vezina, Springfield, Mass.
Application May 7, 1938, Serial No. 77,066
Term of patent 14 years



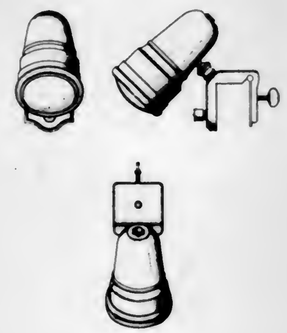
The ornamental design for a display cabinet, substantially as shown.

111,576
DESIGN FOR A SIGN
Oliver C. Applegate, Jr., San Francisco, and Edward George Neale, Los Angeles, Calif., assignors to Standard Oil Company of California, San Francisco, Calif., a corporation of Delaware
Application June 11, 1938, Serial No. 77,756
Term of patent 14 years



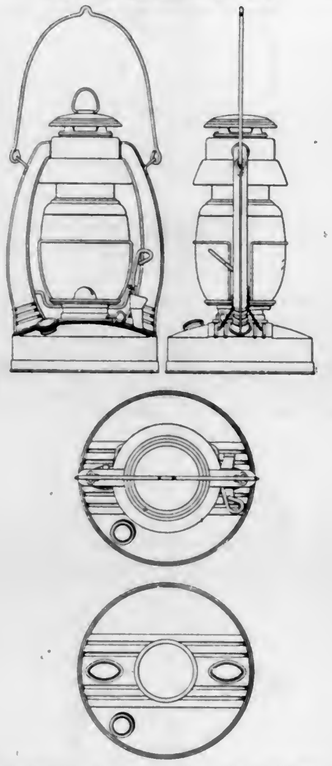
The ornamental design for a sign, as shown.

111,577
DESIGN FOR A LAMP
Albert L. Arenberg, Highland Park, Ill.
Application April 6, 1938, Serial No. 76,312
Term of patent 7 years



The ornamental design for a lamp, as shown.

111,578
DESIGN FOR A LANTERN
Joseph B. Federico, Niagara Falls, N. Y., assignor to Embury Manufacturing Company, Warsaw, N. Y., a corporation of New York
Application April 15, 1938, Serial No. 76,541
Term of patent 14 years



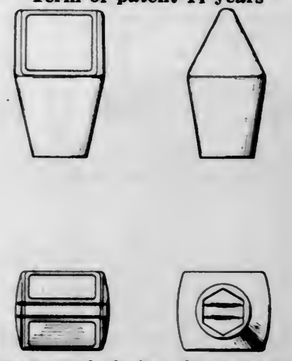
The ornamental design for a lantern, substantially as shown.

111,579
DESIGN FOR A FINGER RING
Joseph Fiddelman, New York, N. Y., assignor to England, Klein & Levy, Inc., New York, N. Y., a corporation of New York
Application January 12, 1938, Serial No. 74,219
Term of patent 14 years



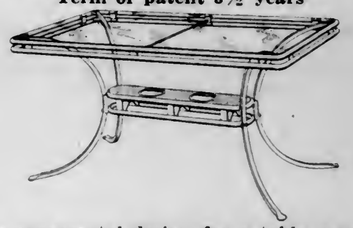
The ornamental design for a finger ring, as shown.

111,580
DESIGN FOR A TAP KNOB
Francis C. Fisher, Syracuse, N. Y.
Application July 20, 1938, Serial No. 78,599
Term of patent 14 years



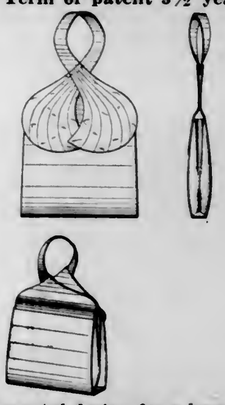
The ornamental design for a tap knob, as shown.

111,581
DESIGN FOR A TABLE
Elmer E. Frey, Los Angeles, Calif., assignor to Kittle Manufacturing Co., Los Angeles, Calif., a corporation of California
Application August 1, 1938, Serial No. 79,008
Term of patent 3½ years



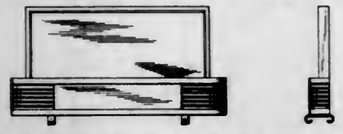
The ornamental design for a table, as shown.

111,582
DESIGN FOR A HANDBAG
Samuel R. Goldsmith, New York, N. Y.
Application August 26, 1938, Serial No. 79,571
Term of patent 3½ years



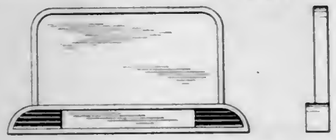
The ornamental design for a handbag, substantially as shown and described.

111,583
DESIGN FOR AN ADVERTISING SIGN
John Kay, La Porte, Ind.
Application March 14, 1938, Serial No. 75,800
Term of patent 7 years



The ornamental design for an advertising sign, substantially as shown and described.

111,584
DESIGN FOR AN ADVERTISING SIGN
John Kay, La Porte, Ind.
Application April 29, 1938, Serial No. 76,848
Term of patent 7 years



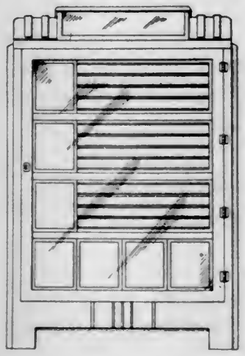
The ornamental design for an advertising sign, substantially as shown.

111,585
DESIGN FOR AN ADVERTISING SIGN
John Kay, La Porte, Ind.
Application April 29, 1938, Serial No. 76,849
Term of patent 7 years

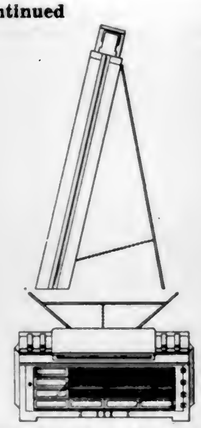


The ornamental design for an advertising sign, substantially as shown.

111,586
DESIGN FOR A BULLETIN BOARD
William Walter MacLaughlin, Jr., San Antonio, Tex.
Application January 20, 1938, Serial No. 74,438
Term of patent 7 years

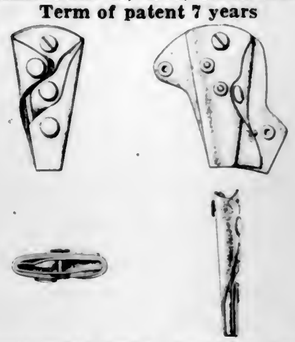


111,586—Continued



The ornamental design for a bulletin board, as shown.

111,587
DESIGN FOR A KEY CASE OR THE LIKE
Nicholas A. Mercer, New York, N. Y.
Application June 15, 1938, Serial No. 77,848
Term of patent 7 years



The ornamental design for a key case or the like, as shown and described.

111,588
DESIGN FOR A SPRAYER
Joseph W. Patterson, Tulsa, Okla., assignor to Volume Sprayer Manufacturing Company, Inc., Tulsa, Okla., a corporation of Oklahoma
Application January 8, 1938, Serial No. 74,160
Term of patent 14 years



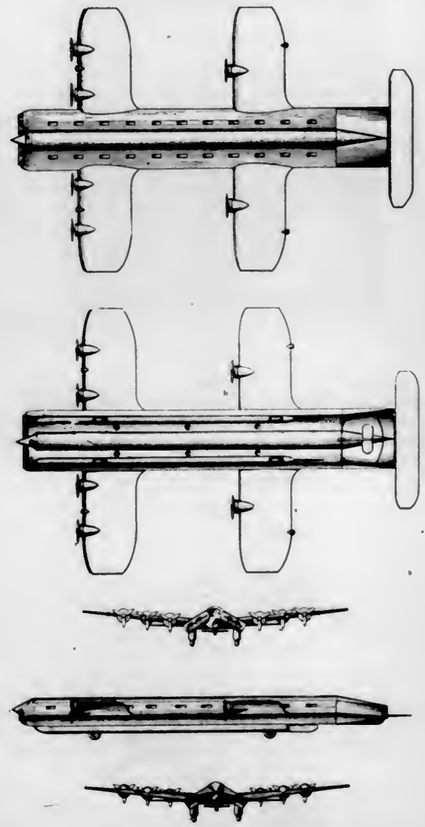
The ornamental design for a sprayer, as shown.

111,589
DESIGN FOR A BOOKMARK
Edward Rabbin and Frank Drucker, New York, N. Y.
Application August 2, 1938, Serial No. 79,021
Term of patent 3½ years



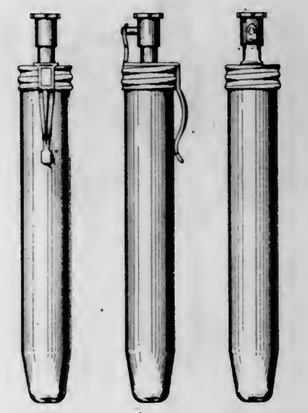
The ornamental design for a bookmark substantially as shown.

111,590
DESIGN FOR AN AIRSHIP
Sam T. Rogers, Washington, D. C.
Application July 14, 1938, Serial No. 78,490
Term of patent 14 years



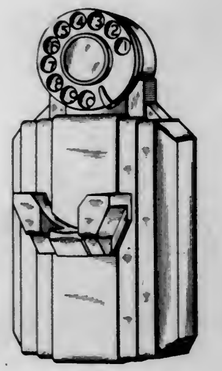
The ornamental design for an airship, as shown.

111,591
DESIGN FOR A SPRAYING UNIT
Mandel Rosenberg, Chicago, Ill.
Application June 18, 1938, Serial No. 77,919
Term of patent 3½ years



The ornamental design for a spraying unit, as shown.

111,592
DESIGN FOR A WALL TELEPHONE SET
Morris Rose and Nils A. Judsen, Chicago, Ill., assignors to Kellogg Switchboard & Supply Company, Chicago, Ill., a corporation of Illinois
Application July 31, 1937, Serial No. 70,772
Term of patent 14 years



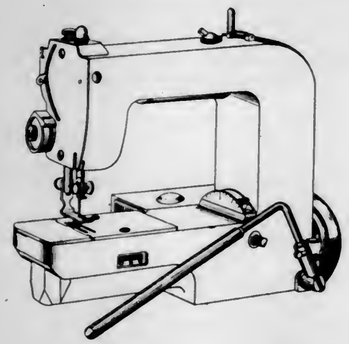
The ornamental design for a wall telephone set, substantially as shown.

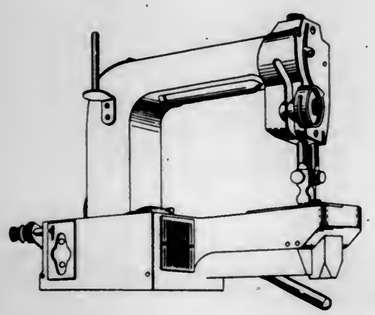
111,593
DESIGN FOR AN ELECTRIC RAZOR
Gustave F. Bahr, Fairfield, Conn., assignor to Casco Products Corporation, Bridgeport, Conn., a corporation of Connecticut
Application April 8, 1938, Serial No. 76,380
Term of patent 14 years



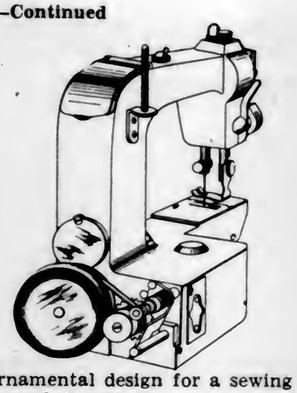
The ornamental design for an electric razor, as shown.

111,594
DESIGN FOR A SEWING MACHINE
Ramon Casas Robert, Geneva, Switzerland
Application February 20, 1937, Serial No. 67,771
In Great Britain January 27, 1937
Term of patent 14 years





111,594—Continued



The ornamental design for a sewing machine, as shown and described.

111,595
DESIGN FOR A SCARF
Charles A. Cornibert, Bayside, N. Y.
Application September 1, 1938, Serial No. 79,677
Term of patent 3½ years



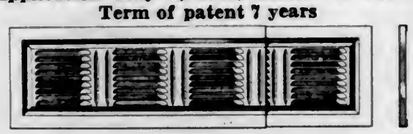
The ornamental design for a scarf, as shown.

111,596
DESIGN FOR A SWEATER ENSEMBLE
Maxwell W. Elkind, New York, N. Y.
Application July 27, 1938, Serial No. 78,755
Term of patent 3½ years



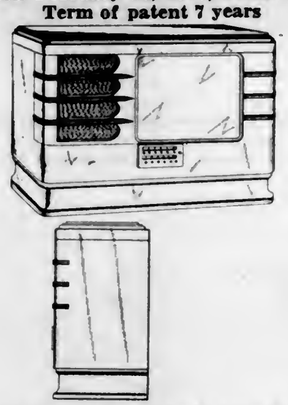
The ornamental design for a sweater ensemble, substantially as shown and described.

111,597
DESIGN FOR A WINDOW VENTILATOR
William Fader, Newark, N. J.
Application May 4, 1938, Serial No. 76,968
Term of patent 7 years



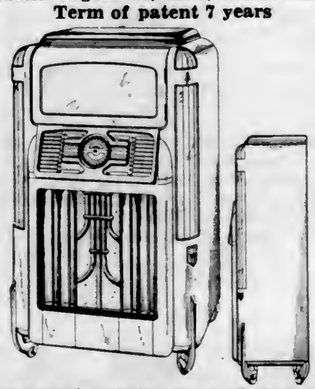
The ornamental design for a window ventilator, as shown and described.

111,598
DESIGN FOR A PHONOGRAPH CABINET
Paul M. Fuller, Chicago, Ill., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y., a corporation of Ohio
Application February 24, 1938, Serial No. 75,389
Term of patent 7 years



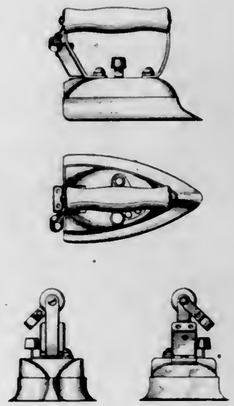
The ornamental design for a phonograph cabinet, substantially as shown.

111,599
DESIGN FOR A PHONOGRAPH CABINET
Paul M. Fuller, Chicago, Ill., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y., a corporation of Ohio
Application August 20, 1938, Serial No. 79,482
Term of patent 7 years



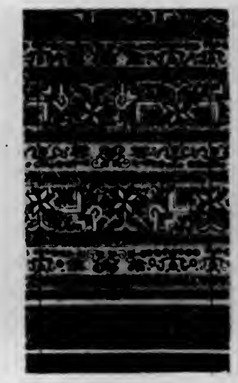
The ornamental design for a phonograph cabinet, substantially as shown and described.

111,600
DESIGN FOR AN ELECTRIC SADIRON
David Goldberg, Great Neck, N. Y.
Application April 29, 1937, Serial No. 69,044
Term of patent 7 years



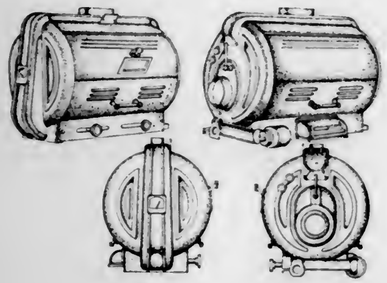
The ornamental design for an electric sadiron substantially as shown.

111,601
DESIGN FOR A TEXTILE FABRIC
Harry M. Goldman, New York, N. Y.
Application July 6, 1938, Serial No. 78,293
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

111,602
DESIGN FOR A PROJECTION LAMP
Henry M. Horldt, Detroit, Mich., assignor to Brenkert Light Projection Company, Detroit, Mich., a corporation of Michigan
Application July 5, 1938, Serial No. 78,259
Term of patent 14 years



The ornamental design for a projection lamp, as shown.

111,603
DESIGN FOR LACE
Emil Katz, New York, N. Y.
Application September 8, 1938, Serial No. 79,784
Term of patent 3½ years



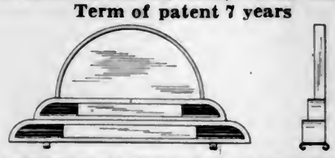
The ornmental design for lace, substantially as shown.

111,604
DESIGN FOR LACE
Emil Katz, New York, N. Y.
Application September 8, 1938, Serial No. 79,785
Term of patent 3½ years



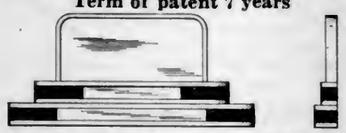
The ornamental design for lace, substantially as shown.

111,605
DESIGN FOR AN ADVERTISING SIGN
John Kay, La Porte, Ind.
Application March 14, 1938, Serial No. 75,799
Term of patent 7 years



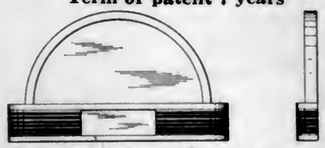
The ornamental design for an advertising sign, substantially as shown and described.

111,606
DESIGN FOR AN ADVERTISING SIGN
John Kay, La Porte, Ind.
Original application March 14, 1938, Serial No. D. 75,799. Divided and this application April 29, 1938, Serial No. 76,846
Term of patent 7 years



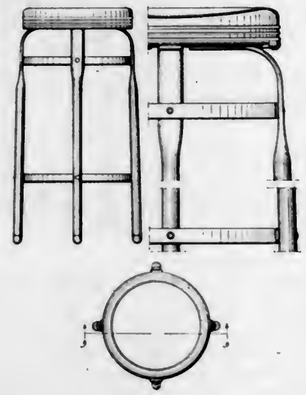
The ornamental design for an advertising sign, substantially as shown and described.

111,607
DESIGN FOR AN ADVERTISING SIGN
John Kay, La Porte, Ind.
Original application March 14, 1938, Serial No. D. 75,800. Divided and this application April 29, 1938, Serial No. 76,847
Term of patent 7 years



The ornamental design for an advertising sign, substantially as shown and described.

111,608
DESIGN FOR A STOOL
Karl Kipp, Olean, N. Y., assignor to Daystrom Corporation, Olean, N. Y., a corporation of New York
Application July 19, 1938, Serial No. 78,591
Term of patent 3½ years



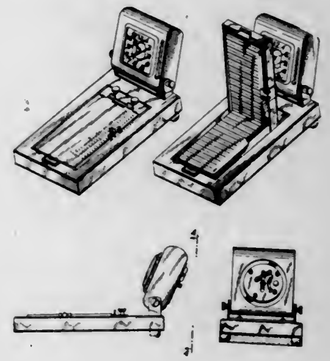
The ornamental design for a stool substantially as shown.

111,609
DESIGN FOR A RUBBER TOOTH BRUSH
Robert L. Lasater, Evanston, Ill.
Application March 14, 1938, Serial No. 75,793
Term of patent 14 years



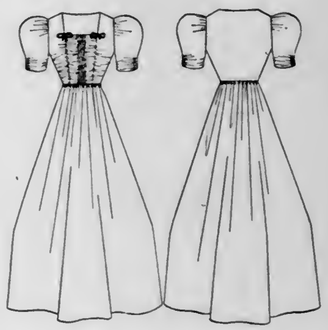
The ornamental design for a rubber tooth brush, substantially as shown.

111,610
DESIGN FOR A COMBINED LIST FINDER AND CLOCK
Max Marcus, New York, N. Y.
Application June 24, 1938, Serial No. 78,011
Term of patent 3½ years



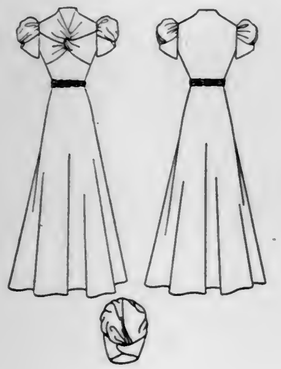
The ornamental design for a combined list finder and clock, as shown.

111,611
DESIGN FOR A DRESS
Marie Mascitelli, New York, N. Y.
Application August 20, 1938, Serial No. 79,462
Term of patent 3½ years



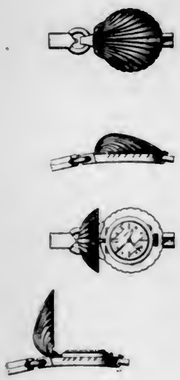
The ornamental design for a dress, substantially as shown.

111,612
DESIGN FOR A DRESS
Margaret Michelson, New York, N. Y.
Application July 22, 1938, Serial No. 78,650
Term of patent 3½ years



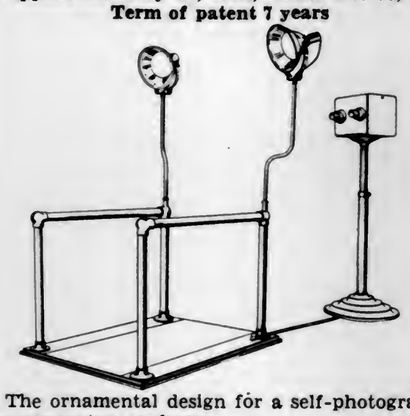
The ornamental design for a dress, substantially as shown and described.

111,613
DESIGN FOR A WATCH
Gustav Pohli, North Bergen, N. J.
Application July 5, 1938, Serial No. 78,283
Term of patent 7 years



The ornamental design for a watch, substantially as shown and described.

111,614
DESIGN FOR A SELF-PHOTOGRAPHING APPARATUS
William W. Rice, Chicago, Ill.
Application July 27, 1938, Serial No. 78,783
Term of patent 7 years



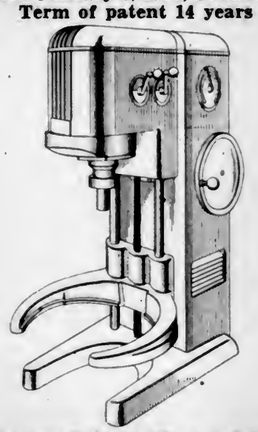
The ornamental design for a self-photographing apparatus, as shown.

111,615
DESIGN FOR A BELT
Arthur R. Richtmyer, Mamaroneck, N. Y., and Milton J. Hinlein, Elkins Park, Pa.
Application January 17, 1938, Serial No. 74,333
Term of patent 3½ years



The ornamental design for a belt, substantially as shown and described.

111,616
DESIGN FOR A MIXING MACHINE OR SIMILAR ARTICLE
Herbert Rosengren, Woodcliff Lake, N. J., assignor to American Machine & Foundry Company, a corporation of New Jersey
Application January 6, 1938, Serial No. 74,115
Term of patent 14 years



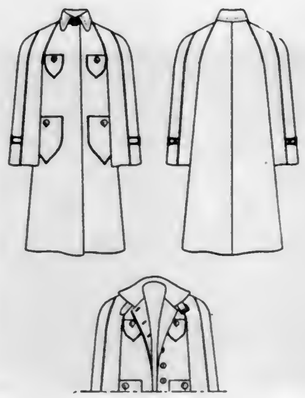
The ornamental design for a mixing machine or similar article, as shown and described.

111,617
DESIGN FOR A DRESS
Katheryn Rost, New York, N. Y.
Application August 24, 1938, Serial No. 79,520
Term of patent 3½ years



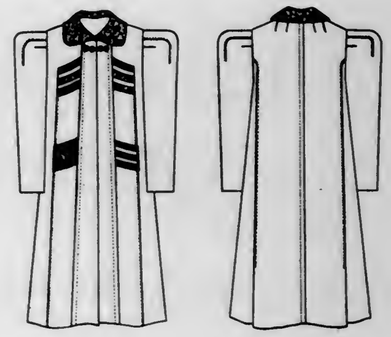
The ornamental design for a dress, substantially as shown and described.

111,618
DESIGN FOR A COAT
Jack Schumer, New York, N. Y.
Application July 6, 1938, Serial No. 78,304
Term of patent 3½ years



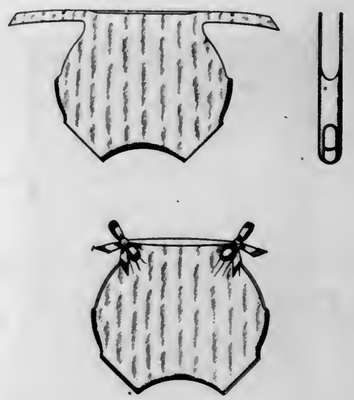
The ornamental design for a coat, substantially as shown, and described.

111,619
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application September 3, 1938, Serial No. 79,753
Term of patent 3½ years



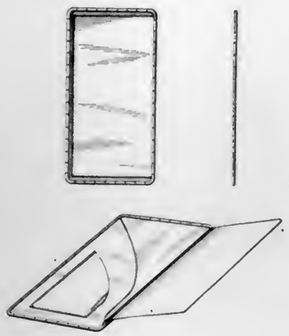
The ornamental design for a coat, substantially as shown.

111,620
DESIGN FOR PANTS
Abraham N. Spanel, Dover, Del.
Application January 31, 1938, Serial No. 74,748
Term of patent 14 years



The ornamental design for pants, substantially, as shown and described.

111,621
DESIGN FOR A WALLET
Leopold G. Stanley, Maplewood, N. J.
Application November 24, 1937, Serial No. 73,159
Term of patent 7 years



The ornamental design for a wallet, substantially as shown and described.

111,622
DESIGN FOR A BED JACK
Freeman R. Stearns, Ludington, Mich., assignor to The Carrom Company, Ludington, Mich.
Application July 5, 1938, Serial No. 78,256
Term of patent 3½ years



The ornamental design for a bed jack, as shown.

111,623
DESIGN FOR A DECORATIVE VALANCE OR THE LIKE
William Venner, Brooklyn, N. Y.
Application January 13, 1938, Serial No. 74,266
Term of patent 3½ years



The ornamental design for a decorative valance or the like, as shown and described.

111,624
DESIGN FOR AN EMBOSSED TEXTILE FABRIC
Herman Wagner, New York, N. Y.
Application September 9, 1938, Serial No. 79,810
Term of patent 3½ years



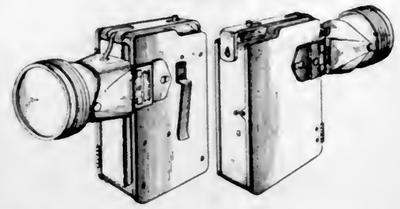
The ornamental design for an embossed textile fabric, substantially as shown and described.

111,625
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Bruno H. Barth, West Englewood, N. J., assignor to William Kerbs Kallman, doing business as Blanck & Co., New York, N. Y.
Application August 30, 1938, Serial No. 79,628
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown and described.

111,626
DESIGN FOR AN ELECTRIC LANTERN
Le Roy O. Brown, Chicago, Ill., assignor to Just-rite Manufacturing Company, a corporation of Illinois
Application January 29, 1938, Serial No. 74,712
Term of patent 14 years



The ornamental design for an electric lantern, as shown.

111,627
DESIGN FOR A SCARF OR SIMILAR ARTICLE
Peter Bubenheim, New York, N. Y.
Application August 16, 1938, Serial No. 79,371
Term of patent 3½ years



The ornamental design for a scarf or similar article, substantially as shown.

111,628
DESIGN FOR AN ASH RECEIVER
Fred Leo Burnell, Yonkers, N. Y., assignor to American Telephone and Telegraph Company, a corporation of New York
Application April 13, 1938, Serial No. 76,487
Term of patent 14 years



The ornamental design for an ash receiver, as shown.

111,629
DESIGN FOR A DRESS
George Constantine, Boston, Mass.
Application February 1, 1938, Serial No. 74,770
Term of patent 7 years



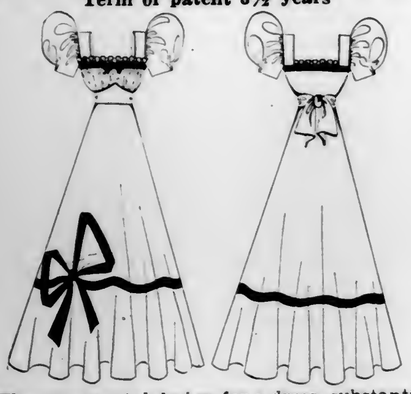
The ornamental design for a dress, substantially as shown.

111,630
DESIGN FOR A TEXTILE FABRIC
Charles A. Cornibert, Bayside, N. Y.
Application September 1, 1938, Serial No. 79,676
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown.

111,631
DESIGN FOR A DRESS
Benjamin Fried, New York, N. Y.
Application September 3, 1938, Serial No. 79,731
Term of patent 3½ years



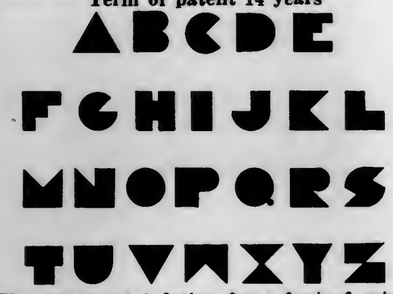
The ornamental design for a dress, substantially as shown.

111,632
DESIGN FOR A DRESS
Harry Goldman, New York, N. Y.
Application August 30, 1938, Serial No. 79,629
Term of patent 3½ years



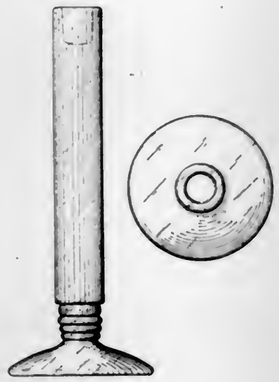
The ornamental design for a dress, substantially as shown and described.

111,633
DESIGN FOR A FONT OF PRINTING TYPE
Samu-El Ish-Shalom, New York, N. Y., assignor to Mergenthaler Linotype Company, a corporation
Application December 30, 1937, Serial No. 73,979
Term of patent 14 years



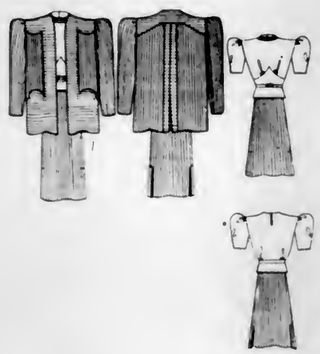
The ornamental design for a font of printing type, substantially as shown and described.

111,634
DESIGN FOR A CANDLE HOLDER OR SIMILAR ARTICLE
Rowena Reed Kostellow, Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application February 5, 1938, Serial No. 74,901
Term of patent 3½ years



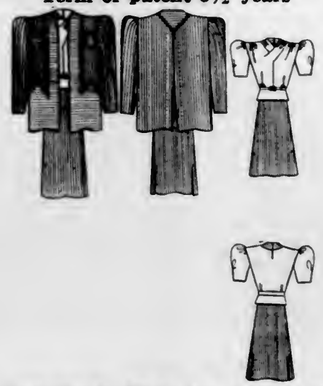
The ornamental design for a candle holder or similar article, substantially as shown.

111,635
DESIGN FOR A DRESS ENSEMBLE
Samuel Kuznetz, Brooklyn, N. Y.
Application August 13, 1938, Serial No. 79,330
Term of patent 3½ years



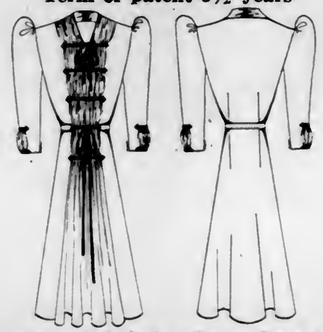
The ornamental design for a dress ensemble, substantially as shown and described.

111,636
DESIGN FOR A DRESS ENSEMBLE
Samuel Kuznetz, Brooklyn, N. Y.
Application August 13, 1938, Serial No. 79,331
Term of patent 3½ years



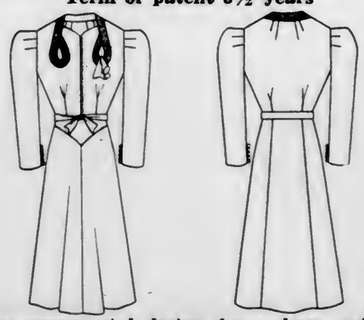
The ornamental design for a dress ensemble, substantially as shown and described.

111,637
DESIGN FOR A DRESS
Marie Lawrence, New York, N. Y.
Application September 3, 1938, Serial No. 79,732
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,638
DESIGN FOR A DRESS
Ben Machanoff, New York, N. Y.
Application August 30, 1938, Serial No. 79,631
Term of patent 3½ years



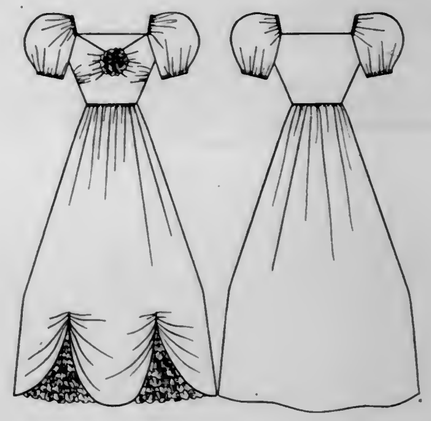
The ornamental design for a dress, substantially as shown, and described.

111,639
DESIGN FOR A COVER PAPER OR SIMILAR ARTICLE
Jacques Makowsky, Paris, France, assignor to Pinaud Incorporated, New York, N. Y., a corporation of New York
Application July 25, 1938, Serial No. 78,713
Term of patent 14 years



The ornamental design for a cover paper or similar article, as shown and described.

111,640
DESIGN FOR A DRESS
Marie Masciteili, New York, N. Y.
Application August 30, 1938, Serial No. 79,637
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,641
DESIGN FOR A DRESS OR SIMILAR ARTICLE
Harry Massar, New York, N. Y.
Application August 27, 1938, Serial No. 79,596
Term of patent 3½ years



The ornamental design for a dress or similar article, substantially as shown.

111,642
DESIGN FOR A DRESS
Josephine Miracky, New York, N. Y.
Application August 30, 1938, Serial No. 79,636
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,643
DESIGN FOR A DRESS
Charlotte Marie Neuhardt, New York, N. Y.
Application August 27, 1938, Serial No. 79,594
Term of patent 3½ years



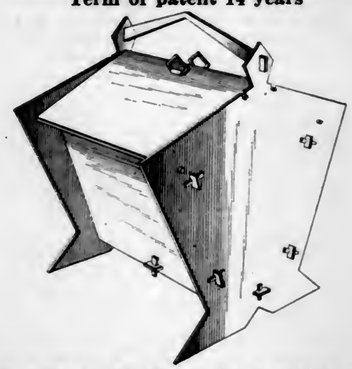
The ornamental design for a dress, substantially as shown.

111,644
DESIGN FOR A DRESS
David William Price, New York, N. Y.
Application September 2, 1938, Serial No. 79,702
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,645
DESIGN FOR A SEWING CABINET
Harland G. Romberg, Flagler, Colo.
Application July 14, 1938, Serial No. 78,486
Term of patent 14 years



The ornamental design for a sewing cabinet, as shown.

111,646
DESIGN FOR A DRESS
Albert Ruchman, New York, N. Y.
Application August 30, 1938, Serial No. 79,632
Term of patent 3½ years



The ornamental design for a dress, substantially as shown, and described.

Patents Nos. 2,132,374 to 2,133,265

THE OFFICIAL GAZETTE OF THE United States Patent Office

Vol. 495—No. 2 TUESDAY, OCTOBER 11, 1938 Price—$16 per Year

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October 11, 1938

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Designs	89—No.	111,647 to No.	111,735, inclusive.
Total	1,281		

Interference Notice

U. S. PATENT OFFICE, *Washington, D. C., September 14, 1938.*

Edward Jacob Miller, Harry L. Goodwin, and Edgar M. Miller, their assignee, Constance Kent, or legal representatives take notice:

An interference has been declared by this Office between the joint application for patent of Edward Jacob Miller and Edgar Martin Miller, % Morris Mills, Inc., 105 West Adams Street, Chicago, Ill., and a patent, No. 2,018,966, granted October 29, 1935, to Edward Jacob Miller, 311 E. Green Street, Clinton, Mo., Harry L. Goodwin, 211 E. Chestnut Street, Chicago, Ill., and Edgar M. Miller, 311 E. Green Street, Clinton, Mo. Notices of such declaration sent to the joint patentee, Harry L. Goodwin, by registered mail at the said address and to Constance Kent, the assignee of Miller, Goodwin, and Miller at 1700 Lamont Street, N. W., Washington, D. C., have been returned by the post office undeliverable and the Office has been unable to secure service upon the joint patentee Edgar M. Miller. Notice is hereby given that unless Edward Jacob Miller, Harry L. Goodwin, and Edgar M. Miller, their assignee, Constance Kent, or their legal representatives, shall enter an appearance therein within thirty days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Disclaimers

2,048,572.—*Alva T. Smith*, Milwaukee, Wis. COOKING DEVICE. Patent dated July 21, 1936. Disclaimer filed September 21, 1938, by the assignee, *National Enameling and Stamping Company.*

Hereby enters this disclaimer to claims 21, 22, 23, 24, 25, 26, 27, 28, and 29 of said patent.

2,099,156.—*Harold A. Wheeler*, Great Neck, N. Y. AUTOMATIC FREQUENCY CONTROL FOR OSCILLATION SYSTEMS. Patent dated November 16, 1937. Disclaimer filed September 10, 1938, by the patentee; the assignee, *Hazeltine Corporation*, assenting.

Hereby enters this disclaimer to claims 1, 2, and 3 of said patent.

2,100,494.—*Robert L. Sparks*, Clayton, Mo. EQUALIZING CONNECTION FOR REFRIGERATION SYSTEMS. Patent dated November 30, 1937. Disclaimer filed September 15, 1938, by the assignee, *Alco Valve Company.*

Hereby enters this disclaimer to claims 3 and 4.

2,106,326.—*McFadden, Ross M.*, Los Angeles, Calif. CURLER PAD. Patent dated January 25, 1938. Disclaimer filed September 16, 1938, by the patentee.

Hereby enters this disclaimer to claims 2 and 3 in said specification.

Notice

In accordance with the provisions of Rule 17 of the Rules of Practice in the United States Patent Office, an examination for the registration of attorneys to practice before the United States Patent Office will be held on December 7, 1938.

This examination may be taken in any of the large cities of the country and will be given under the direction of the Civil Service Commission. Applications to take the examination should be made to the Commissioner of Patents and such applications must be received in the Patent Office not later than November 21, 1938.

Application blanks may be obtained from the Chief Clerk of the Patent Office.

LESLIE FRAZER,
Chairman of the Committee on Enrollment and Disbarment.

Condition of Applications Under Examination at Close of Business September 24, 1938

(Total number of applications awaiting action, excluding Trade-Mark Division, 50,463; Trade-Mark Division, 1,377. Oldest new case, Dec. 8, 1937; oldest amended, Dec. 17, 1937.)
(The dates given are 1938 except where † indicates 1937)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application awaiting office action	Oldest amended application awaiting office action	No. of applications awaiting action
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Mar. 28	Mar. 31	865
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Apr. 21	Apr. 15	1,070
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	June 25	June 24	514
7083	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Apr. 27	May 9	549
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	June 24	June 24	628
4898C	6. LEWERS, A. M., Carbon Chemistry (part)	Mar. 30	Mar. 24	1,257
5725	7. JARBOE, C. G., Optics; Photography	June 16	June 14	975
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Mar. 29	Apr. 14	986
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	June 23	June 20	503
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies and Tops; Vehicle Fenders; Spring Devices.	May 7	May 11	761
5087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	May 24	May 26	547
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	Jan. 28	Jan. 28	886
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	May 2	May 2	597
5097	14. SMITH, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	July 1	June 28	513
4897	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	May 9	May 9	1,175
5716	16. SPENCER, C. J., Telegraphy; Telephony	Apr. 7	Apr. 3	955
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Apr. 22	Apr. 28	832
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Apr. 20	Apr. 21	587
40 6	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Apr. 29	May 2	813
6605	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Apr. 18	May 31	576
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	June 11	June 15	490
5600	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults and Targets; Boats and Buoys; Ships; Marine Propulsion.	June 10	June 11	693
7624	23. BUTTNER, W. J., Registers (part)	†Dec. 8	†Dec. 17	340
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	June 13	June 24	654
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	May 28	May 20	679
5893	26. YOUNG, R. R., Electricity, Generation; Motive Power	May 24	May 26	594
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Mar. 17	Mar. 17	1,240
4628	28. SOLYOM, H. L., Internal-Combustion Engines	Apr. 21	Apr. 7	588
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Apr. 12	Apr. 2	887
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Mar. 4	Mar. 4	916
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	June 24	June 24	667
4086	32. LESH, KARL, Gas and Liquid Contact: Heat Exchange; Gas Separation; Agitating	May 25	May 26	659
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	May 13	May 26	946
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	May 25	May 16	395
3876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	May 7	May 3	862
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Apr. 6	Apr. 26	658
5886B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Mar. 17	Mar. 14	1,034
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stone-working; Wells; Plastic Compositions.	Feb. 1	Feb. 15	855
4878	39. WHITNEY, F. L., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Apr. 25	Apr. 26	681
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Apr. 16	Apr. 15	1,508
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	June 3	May 28	304
5882	42. CUTTING, H. O., Electric Signaling	Feb. 12	Jan 20	867
4886B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	June 4	June 4	564
4087B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Apr. 25	Apr. 26	774
7093	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Apr. 20	Apr. 30	894
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Apr. 27	May 2	676
6082	47. LOWE, E. R. (Act.), Clutches; Brakes	May 11	May 16	719
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	June 6	June 6	564
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Feb. 23	Mar. 10	1,019
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Apr. 12	Apr. 12	1,081
5628	51. BACKUS, C. D., Radiant Energy	June 13	June 13	861
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	June 13	June 14	822
6397	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	June 1	May 31	658
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	July 6	July 6	534
6883	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Mar. 30	Mar. 26	1,288
4725	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Apr. 24	Apr 24	1,101
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	May 16	May 20	556
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	May 31	June 2	424
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	May 25	May 28	770
5896	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	May 10	May 10	556
6724	61. PARKS, G. E., Laminated Electrical Insulation, Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Apr. 6	Apr. 9	752
5621	62. PUGH, E. C., Games; Geometrical Instruments	May 25	May 25	654
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	June 2	May 26	512
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	May 2	May 2	1,140
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Apr. 1	Mar. 29	736
2099B	Trade-Marks, Labels, and Prints: F. A. RICHMOND	Aug. 13 (Trade-Marks); Sept. 9 (Labels and Prints)	Aug. 26; Sept. 10	1,251; 126
2605	Designs: H. H. KALUPY	Aug 15	Sept. 12	702

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Appeals for the District of Columbia

BECKET
v.
COE, COMMISSIONER OF PATENTS

No. 6,790. *Decided June 6, 1938. On rehearing*

[98 F.(2d) 332]

1. PATENTABILITY—ANTICIPATION—FOREIGN PATENTS.
"Foreign patents are valid references when there is a clear disclosure of the invention sought to be patented in the United States. * * * But when such a patent merely prophesies what can be done without setting forth that it has been done, or makes claims for things not fairly disclosed in the specification, the foreign patent does not anticipate."

2. SAME—ALLOYS IN GENERAL.
"Patentability of an alloy upon the basis of new proportions of old elements requires that the new proportions give a new result."

3. SAME—STAIN-RESISTING IRON-BASE ALLOY.
Certain claims for a stain-resisting iron-base alloy *Held* patentable over the prior art where there was evidence that the proportions named are critical and that substantial departure therefrom will result in failure to achieve the invention.

4. SAME—SAME—RIGHT TO MAKE CLAIM.
A certain other claim for a stain-resisting iron-base alloy copied verbatim from a patent *Held* properly rejected as asserting an attribute for the metal which the specification does not support.

APPEAL from the District Court of the United States for the District of Columbia. Reversed in part; affirmed in part.

Mr. Warren J. Willis, Mr. Eugene L. Greenwald, Mr. Donald C. Harrison, Mr. Ralph E. Parker, and *Mr. Richard L. Scheffler* for Becket.

Mr. R. F. Whitehead for the Commissioner of Patents.

Before GRONER, Chief Justice, and STEPHENS and MILLER, Associate Justices

STEPHENS, *A. J.:*

This is an appeal from a decree of the District Court of the United States for the District of Columbia, which dismissed a bill brought under Revised Statutes, section 4915, 35 U. S. C. §63, seeking a decree directing the Commissioner of Patents to allow certain claims of an application for Letters Patent.

Becket, the appellant, filed an application in the Patent Office, setting forth claims for a stain-resisting iron-base alloy having deep-drawing properties. The Examiner rejected claims 9, 10, and 11 on the ground that they showed no invention over the references: Greaves (British) 117,286; Hadfield (British) 313,471; Hadfield (French) 590,691; Commentry (French) 666,789. The Board of Appeals affirmed the Examiner's rejection, relying solely upon Commentry (French) and Hadfield (French). The appellant thereupon brought his original bill in this suit. Thereafter the Patent Office granted Patent No. 1,962,702 to Percy A. E. Armstrong for a corrosion-resistant ferrous alloy. The appellant, apparently claiming that Armstrong's alloy and his were substantially the same, copied Armstrong's claim 6 and added it to his application as claim 12. The Examiner rejected this claim upon the ground that it was not warranted by the original disclosure, and his decision was affirmed by the Board of Appeals. The appellant thereupon filed a supplemental bill of complaint in the district court, adding his claim 12 to his action. The court dismissed the bill as to claims 9–12, inclusive.

The appellant's original claims involved herein are as follows:

9. A stain-resisting iron-base alloy having deep-drawing properties and comprising from about 16% to about 22% of chromium; about 0.25% to about 2.75% of copper; carbon, the carbon content being not more than about 0.3%; at least about 3% of manganese and at least about 2% of nickel, the sum of the manganese and nickel percentages falling between about 6% and about 14%; the balance of the alloy being substantially iron.

10. A stain-resisting iron-base alloy having deep-drawing properties and comprising from about 16% to about 22% of chromium; about 0.25% to about 2.5% of copper; carbon, the carbon content being not more than about 0.12%; at least about 3% of manganese and at least about 2% of nickel, the sum of the manganese and nickel percentages falling between about 8% and about 14%; the balance of the alloy being substantially iron.

11. A stain-resisting iron-base alloy having deep-drawing properties and comprising from about 16% to about 22% of chromium; about 0.25% to about 2.5% copper; carbon, the carbon content being not more than about 0.12%; at least about 5.3% of manganese and at least about 2% of nickel, the sum of the manganese and nickel percentages falling between about 8% and about 14%; the balance of the alloy being substantially iron.

The specification showed the composition of several examples which the appellant had worked out within the claimed ranges of proportions. Such of the examples as contained copper showed a chromium content varying between 17.75% and 22.17%, copper content varying between 1.02% and 1.39%, carbon content between .07% and .24%, manganese content between 5.3% and 6.54%, and nickel content between 2.22% and 5.75%. Another specific example, containing copper but outside the range for chromium, had 12.54% chromium, .64% copper, .12% carbon, 6.12% manganese, and 6.29% nickel.

The Hadfield (French) patent claimed primarily a corrosion resistant alloy which had properties of resistance to oxidization and scaling at high temperatures and of high tensile and compression strength at both ordinary and high temperatures. The specification stated:

For this purpose, an alloy according to the invention contains, in addition to iron, carbon up to about 1%, manganese up to about 8%, and from about 5% to about 25% of chromium, from about 5% to about 20% of nickel and from about 1% to about 10% of silicon *with, it may be, either from 1% to 10% of tungsten (or of its equivalent molybdenum), or up to about 6% of copper, or both of these elements together.* [Italics added.]

The ranges of elements in the first claim were carbon up to about 1%, manganese up to about 8%, chromium from 5% to 25%, nickel from about 5% to about 20%, and silicon from about .5% to about 10%. After stating these percentages the claim continued:

". . . these alloys being able also to contain either from about 1% to about 10% of tungsten (or its equivalent molybdenum), or up to about 6% of copper, or both of these elements at one time."

The second claim varied these proportions by limiting silicon to .5% to 2% and nickel to 6%

to 8%. Five alloys with specific stated proportions are also claimed in the patent. Of these four contain less than 1% of manganese. The only one of the specific alloys which contains copper also contains 4.76% of tungsten, and 1.31% of silicon.

The Commentry[1] (French) patent claimed a corrosive resistant alloy composed of 15% to 30% chromium, 2% to 12% nickel, 12% to 2% manganese, and 1% carbon, the sum of the percentages of nickel and manganese being between 8% and 20%. The inclusion of copper was stated in the specification in the following language:

> The resistance of these alloys to certain corrosives can be improved by additions of Cu and Mo together or separately, a content of 6% of each of these elements being, in general, sufficient; their non-oxidizability at a red heat, an equally interesting property, by an addition of Si, of which a content up to 3% will generally suffice.

And in the résumé [claims] it was said:

> This invention comprises:
> * * * * * * *
> 2. The addition to the alloy specified in [claim] (1) of the following elements, either in combination or separately:
> (*a*) of copper and of molybdenum, together or separately, each of these elements having a content going for example up to 6%.
> (*b*) of silicon of which the content may go for example up to 3%.
> (*c*) of known purging agents, such as aluminum, vanadium, titanium, zirconium.
> 3. A variant of the alloy specified in 1 and 2, in which the nickel is totally or partially replaced by cobalt.

Commentry gave no example of a specific alloy containing copper. He did, however, say that his alloy could be worked into tubes and wire-drawn filaments.

It will at once be seen that the specifications set forth in the appellant's claims 9, 10, and 11 fall within the ranges in the Hadfield (French) and Commentry (French) patents.

We think, however, that the Hadfield (French) patent does not anticipate the Becket application. The properties which Hadfield particularly asserted were increased resistance to oxidization and scaling, resistance to flame and hot products of combustion, and great mechanical strength at high temperatures. Nothing in the patent indicates that he was aware that alloys made within the ranges which he claimed would be stainless and deep-drawing. It is true that he describes his alloy as resistant to corrosion by air, water, and acids, but general corrosion resistance seems to be a quality not equivalent to stainlessness. For example, nickel resists many types of corrosion but tarnishes easily. Furthermore, the Hadfield (French) patent does not disclose a comprehension that copper was an essential element of the alloy. It will be noted that Hadfield said that copper could be included up to 6% in combination with from 1% to 10% of tungsten or molybdenum, or separately; but although he spoke of the use of copper separately, the only example containing copper also contained a substantial percentage of tungsten. Thus, although he mentions a chromium-manganese-nickel-copper ferrous alloy, he gives no example of such an alloy, nor does he reveal that he ever actually made an alloy which contained copper in the absence of tungsten. And the specific examples show further that Hadfield was directing his attention primarily to a low-manganese alloy.[2] Silicon was evidently regarded as an essential part of the alloy. The Patent Office thought this immaterial, since all steel contains some silicon, and Becket had named the bulk of his alloy as "substantially all iron." The so-called "residual silicon" present in practically all steel, however, is smaller in amount than the proportion Hadfield mentions. Steel containing over .5% silicon is considered an alloy, rather than common steel. Camp and Francis, op. cit. supra n. 2, 758–59. The minimum of Hadfield's inclusion of silicon is .5%, the maximum 10%. We think it clear that Hadfield patented a chromium-manganese-nickel-silicon alloy, and that he made a chromium-manganese-nickel-silicon-copper-tungsten alloy. His mere mention of a chromium-manganese-nickel-copper alloy is not an anticipation of Becket. He was claiming a different sort of corrosion-resistant alloy, and merely added that his basic formula was "able to contain some copper." This was no more than a claim of the unexplored. It was common knowledge that even small amounts of copper aided steel's resistance to corrosion, and Hadfield indicated no more than this.

The Commentry (French) patent has more force as a reference than has the Hadfield (French), since the former has some indication that the alloys described can be deep-drawn and there is a statement as to the sum of the percentages of nickel and manganese, just as there is in the Becket application. A careful reading of the patent, however, convinces us that so far as a chromium-manganese-nickel-copper ferrous alloy is concerned the inventor was but guessing in the dark. This type alloy is mentioned only as a variant of a chromium-nickel-manganese alloy, with neither details as to what different results would be obtained, nor any indication that the metal would resist staining. He gives no illustration of the use of an alloy containing copper and merely suggests that it may be added to increase resistance to "certain corrosives." It seems clear that one seeking to find an alloy both stainless and deep-drawing would be led by the Commentry patent, if at all, into lengthy experimentation. Commentry suggested the addition of copper, but he also suggested adding molybdenum, silicon, cobalt, aluminum, vanadium, titanium and zirconium. A patent suggesting such a list of possible combining elements was held not an anticipation of a specific use of two of them in *Haynes Stellite Co.* v. *Chesterfield*, 22 F.(2d) 635 (C. C. A. 6th, 1927).

[1] This patent was granted to a company, but for convenience we refer to it as if granted to an individual.

[2] The variance in the proportion of manganese in Becket's examples and those of Hadfield, and the latter's inclusion of tungsten, are the more significant because Hadfield is noted for his prior researches in the effects of manganese and tungsten upon steel. In a paper read before the British Iron & Steel Institute in 1888 he showed for the first time the utility of high manganese steels. In 1902–3 he exhaustively investigated the effects of tungsten alone upon steel, and these researches were reported in Hadfield, Alloys of Iron and Tungsten (1903) 11 Journal of the Iron and Steel Institute [British]. See Camp and Francis, The Making, Shaping and Treating of Steel (4th ed. 1925).

[1] Foreign patents are valid references when there is a clear disclosure of the invention sought to be patented in the United States. *In re Cross*, 62 F.(2d) 182 (20 C. C. P. A. 1932), 426 O. G. 457. But when such a patent merely prophesies what can be done without setting forth that it has been done, or makes claims for things not fairly disclosed in the specification, the foreign patent does not anticipate. *Westinghouse Air-Brake Co.* v. *Great Northern Ry.*, 88 Fed. 258 (C. C. A. 2d, 1898); *General Electric Co.* v. *Hoskins Mfg. Co.*, 224 Fed. 464 (C. C. A. 7th, 1915); *Haynes Stellite Co.* v. *Chesterfield*, supra; *American Stainless Steel Co.* v. *Ludlum Steel Co.*, 290 Fed. 103 (C. C. A. 2d, 1923). This court has said, in *Davies* v. *Coe*, 65 App. D. C. 345, 346, 83 F.(2d) 602, 603 (1936), 466 O. G. 741:

> The disclosure of a foreign patent is to be measured not by what may be made out of it, but what is clearly and definitely expressed in it. *In re Ek*, 57 App. D. C. 203, 19 F.(2d) 677; *Carson* v. *American Smelting & Refining Co.* 4 F.(2d) 463.

And in the Westinghouse case the court held valid a United States patent for an air-brake, despite a prior English patent which stated:

> "It is obvious that it [the stem of the emergency valve] might be worked as described by a separate piston in a cylindrical cavity communicating on the one side with the auxiliary reservoir, and on the other side with the train pipe."

In answering the contention that this described the valve set forth in the United States patent, and that therefore the latter lacked invention, the court said:

> The prophetical suggestions in English patents of what can be done, when no one has ever tested by actual and hard experience and under the stress of competition the truth of these suggestions, or the practical difficulties in the way of their accomplishment, or even whether the suggestions are feasible, do not carry conviction of the truth of these frequent and vague statements. The nature and character of the invention of 376,837 were, in the record heretofore before this court, put to rigorous tests by examination and cross-examination in court; and the result which was then reached is not shaken by merely a single sentence in the English patent [88 Fed. at 263.]

Much the same thought is expressed in *American Stainless Steel Co.* v. *Ludlum Steel Co.*, supra:

> . . . it requires more than prophecy of what may be done, or than declaration of what ought to be accomplished, to make a good patent reference, not to speak, of an anticipation. It is necessary to show with reasonable certainty how the desired result can be accomplished. [290 Fed. at 106.]

We do not question that Hadfield and Commentry invented new and useful alloys, or that they state ranges which include the Becket discoveries. We think it was still possible, however, for an inventor to investigate subsequently and to find for the first time a chromium-manganese-nickel-copper ferrous alloy which was both stainless and deep-drawing. Though it be true that the alloy was found within ranges already known, it was an alloy of which both Hadfield and Commentry were unaware. With the Becket application before us it is possible to look back upon the Hadfield (French) and Commentry (French) patents and to say that they suggested what he found, but such hindsight should not, we think, defeat his application. Hadfield and Commentry seem neither to have sought nor to have found an alloy which is both stainless and deep-drawing, and though it be true that the scope of their ranges embraces the claims of Becket, this speaks of the extent of their desire rather than of the breadth of their discoveries. In short, within previously claimed ranges Becket has found more restricted ones which produce a different alloy from that known to the prior inventors. One seeking a stainless deep-drawing alloy and finding the Hadfield (French) and Commentry (French) patents could not have said: "These give me what I want."[3] In the light of the decisions above cited as to the effect of foreign patents as anticipations, neither of the foreign references anticipated Becket.

[2] Patentability of an alloy upon the basis of new proportions of old elements requires that the new proportions give a new result; either a new alloy, or an old alloy with new characteristics which result in entirely new, or substantially enhanced, qualities of utility. *Bethlehem Steel Co.* v. *Churchward International Steel Co.*, 268 Fed. 361 (C. C. A. 3d, 1920); *Darwin & Milner, Inc.* v. *Kinite Corp.*, 72 F.(2d) 437 (C.C.A. 7th, 1934); *Pittsburgh Iron & Steel Foundries Co.* v. *Seaman-Sleeth Co.*, 248 Fed. 705 (C. C. A. 3d, 605 1918); *Ex parte Crampton*, 21 U. S. Pat. Q. 644 (1934). We think that the Becket alloys met this test. There is undisputed evidence in the record that prior to the Becket alloys the only commercially available stainless steel which could be deep-drawn was the so-called "18-8" (18% chromium and 8% nickel). Becket's steel is stainless and can be deep-drawn, and has novel proportions. It may fairly be said, therefore, that he has produced a new alloy with highly desirable qualities.

[3] There is evidence that the proportions named by Becket are critical; in other words, that substantial departure from his proportions will result in failure to achieve the alloy of his invention. The Patent Office does not dispute the utility of the alloy and, as stated above, we are of the opinion that the Hadfield (French) and Commentry (French) patents do not anticipate Becket. The decision of the trial court is, therefore, reversed as to claims 9, 10 and 11.

[4] We think that the decree of the trial court in rejecting claim 12 should be affirmed. This claim had been copied verbatim from the Armstrong patent, and was for

> A ferrous alloy characterized by its resistance to acid corrosion or intergranular corrosion, by its machineability and forgeability and its stable non-magnetic condition comprising chromium about 18%, nickel about 8%, copper

[3] This is the test laid down in *Skelly Oil Co.* v. *Universal Oil Products Co.*, 31 F.(2d) 427, 431 (C. C. A. 3d, 1939), where it is said:

> ". . . Inferences as distinguished from disclosures, especially when drawn in the light of after events, cannot be accepted as a basis of anticipation.
> "A patent relied upon as an anticipation must itself speak. Its specification must give in substance the same knowledge and the same directions as the specification of the patent in suit. *Otto* v. *Linford*, 46 L. T. (N. S.) 35, 44. It is not enough to prove that a method or apparatus described in an earlier specification can be made to produce this or that result. *Flour Oxidizing Co.* v. *Carr & Co.*, 35 R. P. C. 457. A singularly sensible test of the rule of anticipation is given in *British Thomson-Houston Co.* v. *Metropolitan Vickers Electrical Co.*, 45 R. P. C. 22, by asking the question—'Would a man who was grappling with the problem solved by the patent attacked, and having no knowledge of that patent, if he had had the alleged anticipation in his hand, have said: "That gives me what I wish?"' *The Pope Alliance Corporation* v. *The Spanish River Pulp & Paper Mills, Ltd.* (Privy Council Appeals No. 33 of 1928.)"

about 1.5% to 3%, maganese about 4% to 6%, carbon not substantially above about 0.15% and silicon less than 1%, the balance being substantially all iron.

These specific proportions fall within the ranges which Becket had claimed, save in the case of copper, wherein his maximum was 2.75%, rather than the 3% of claim 12. Nothing in Becket's specification dealt with the subject of intergranular corrosion, and the claim therefore asserts an attribute for the metal which the specification does not support. Further, neither in specification nor in proof has anything been advanced as to these particular proportions. We think the invention is sufficiently protected by claims 9, 10 and 11.

Reversed in part; affirmed in part.

U. S. Court of Customs and Patent Appeals

IN RE MURRAY, JR.

No. 3,900. Decided April 4, 1938

[95 F.(2d) 336]

1. PATENTABILITY—DETERMINED WITHOUT REFERENCE TO FEATURES CANCELLED FROM ORIGINAL APPLICATION. Where as originally filed an application disclosed two species, and in response to a rejection of generic claims and a requirement for division between claims directed to the respective species, applicant cancelled the generic claim and the claim to one of the species and cancelled from the application the disclosure of said species, *Held* that applicant was entitled to have the remaining claims considered without reference to the cancelled subject matter.

2. SAME—FURNACE FOR BOILERS. A certain claim for a furnace for boilers *Held* patentable over the prior art.

APPEAL from the Patent Office. Reversed.

Messrs. Usina & Rauber (*Mr. Joseph H. Milans, Mr. D. A. Usina* and *Mr. Benjamin T. Rauber* of counsel) for Murray, Jr.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

GARRETT, *P. J.*:

By this appeal there is brought to us for review a decision of the Board of Appeals of the United States Patent Office affirming the decision of the Examiner denying patentability, in view of prior art cited, of a single claim, numbered 11, of an application filed January 19, 1935. Two claims numbered, respectively, 9 and 10 stand allowed. The rejected claim reads:

11. A furnace for boilers or the like for burning fuel in suspension having a bottom comprising parallel tubes spaced apart, each having in heat-conducting engagement with it a series of spaced short metal projections extending toward the next tube, the spaces being sufficient to pass substantially all the ashes to the floor below and the dimensions of the projections lengthwise of the tubes being less than said spaces and being so slight as to offer no substantial support for an accumulation of ashes.

The sole reference relied upon for anticipation is a patent, No. 1,762,335, granted to George P. Jackson June 10, 1930.

As disclosed by the application, the claimed invention relates to furnace bottoms in furnaces in which pulverized fuel is used. The here pertinent disclosure is one wherein there is an arrangement of a water tube boiler in which there are tubes located below the combustion chamber such tubes being provided with projections or fins. The specification recites the following:

* * * The floor of the chamber comprises a number of tubes 16 inclined downwardly toward the front and connected by headers 17 and 18 to the tubes of the front and back walls and thus into the circulation of the boiler. The water circulating through the floor tubes is heated and at the same time keeps the floor comparatively cool. Ashes and slag deposited thereon are cooled and are sufficiently granular to pass through the spaces between the tubes.

The tubes are spaced apart as in Fig. 2 and have projections 19 extending outward therefrom, the projections from two adjacent tubes extending approximately across the space between them. The projections on the tubes provide an extension of the area exposed to the hot ashes and slag and increase the rapidity of the heat exchange with the water within.

From the claim itself it will be observed that the metal projections are described as being "short" and it describes the spaces, by which, as we understand it, is meant the spaces between the projections, as "being sufficient to pass substantially all the ashes to the floor below"; also, they are described as being greater than their dimension lengthwise of the tubes, this being apparent from the limitation reading, "the dimensions of the projections lengthwise of the tubes being less than said spaces," and, further, it is said that the dimensions of the projections are "so slight as to offer no substantial support for an accumulation of ashes." The dimensional feature is described also in an amendment to appellant's original specification hereinafter quoted.

By reference to allowed claim 9, it is observed that the projections are there stated to be in the form of thin plates "with their narrow edges approximately horizontal and their wider faces approximately vertical," a matter to which allusion later will be made.

The reference patent discloses a boiler furnace in which there are tubes having fins with air inlets or passages between the tubes. The specification teaches:

As some of the ash * * * will settle upon the tubes 6 and on the sections of the fins 14 between the openings or inlets 16, it will be necessary from time to time to clean off such ash deposit, and for this purpose there is provided a door 26 through which a steam or air lance may be directed to dislodge the deposit and precipitate it, through the openings 16, to the floor 24.

It seems appropriate here to recite something of the history of appellant's application and the actions thereon, as shown by the record.

As originally filed, the application contained ten figures. In what seems to have been the first action of the Examiner, on March 22, 1935, two claims numbered, respectively, 1 and 2 were rejected on the Jackson patent, they being described as "the only generic ones in the case," and division was required between claim 3 "drawn to the species shown in Figs. 2 and 4, and claims 4 to 7, drawn to the species shown in Fig. 10."

Responsive to this action, appellant amended his application by erasing figures 4 to 10, inclusive, of his drawings and cancelling from the specification the matter descriptive of those figures. He also cancelled certain other paragraphs of the specification and substituted therefor the following:

A'. The spaces between the projections 19 are sufficient to pass ashes to the pit below. The space from one projection 19 to the next is at least equal to the dimension of the projection lengthwise of the tube, and

may be greater as illustrated. This relation is obtained and maximum surface exposure secured, by making the projections of greater dimensions transversely than lengthwise of the tube.

Also, he added two new claims numbered, respectively, 8 and 9.

On November 11, 1935, the Examiner, reciting that claims 1, 2, and 4 to 7, inclusive, had been cancelled, stated "Claim 9 appears allowable as at present advised," but rejected claims 3 and 8 on the patent to Jackson, saying:

The amount of space left between the plates on applicant's tubes differentiates over the reference merely in degree. Clearly, the modification shown in applicant's Fig. 4 would not pass all of the ashes to the ash pit and probably would not pass much more than Jackson's arrangement would.

It will be noted that the Examiner in that decision referred to "Fig. 4" which had been erased. In his response, under date of February 26, 1936, appellant directed attention to this fact and further amended by cancelling rejected claims 3 and 8, and by adding two others numbered, respectively, 10 and 11.

In the next Office action the Examiner, reciting that claims 1 to 8, inclusive, had been cancelled, stated "Claim 10 appears allowable," but rejected claim 11 on the Jackson patent, saying:

Jackson contemplates allowing ash residue falling through openings 16, since he says the space 25 is provided for accumulation of such ash. The claim merely calls for spacing Jackson's fins a little farther apart than shown. This is clearly a matter of degree.

The rejection was made final and appellant appealed to the Board.

In his statement following the appeal, the Examiner, inter alia, said:

The patent to Jackson shows a bottom for a pulverized fuel fired furnace formed of tubes 6 with projections or ribs 13, 14 attached to same to close the spaces between the tubes. These fins are interrupted at 16 to provide spaces for the ashes to pass therethrough to the ash pit 24. Such fins are placed in a horizontal plane; but applicant in his original disclosure also contemplated applying his fins in a similar horizontal plane, as was shown in his original Figures 4 and 5.

There was thus again brought into the consideration of the case figures which had been erased from the application. The Board made no reference to the erased figures but did say that—

"The only function attributed to the metal piece dimensions by applicant in his *original specification* was related to the welding operation, but he states * * * that the ashes pass through the spaces between the tubes." [Italics ours.]

No reference is made to the amendment to the specification, A', quoted supra.

It is not altogether clear to us to just what extent the ashes in Jackson's device pass through the spaces between the projections attached to his tubes, but it is clear that the patent has no teaching that "substantially all" of them do—an express teaching of appellant with respect to his device. Upon the contrary, the patent teaches that ashes settle upon the tubes and on the sections of the fins in quantities which render it necessary from time to time to clean the deposit, and means are provided for that function. These means, while clearly disclosed, do not seem to be included in any of Jackson's claims. It is quite possible that they were old in the art.

In its decision, the Board says:

Applicant states in his specification that no ashes accumulate on the projections but there is nothing in the specification to indicate that they are not blown off of the projections as in Jackson. The lateral position of the air blast in applicant's furnace would have a tendency to blow the ashes off whereas in Jackson a separate operation must be performed.

It does not seem to us that, under the facts of this case, it was incumbent upon appellant by any express terms to negative the idea that the ashes are blown off the projections. His teaching is that they do not accumulate there. Discussing the suggestion of the Board touching the "tendency" of appellant's air blast "to blow the ashes off," appellant's brief says:

The air for combustion comes in through the front wall 14. It is distributed evenly throughout the entire height of the wall. There is a constant draft upward within the chamber. The quantity of air is exactly calculated to combine with the quantity of fuel supplied in order to complete combustion. If there is any tendency of the combustion air that comes in at the lower part of the front wall 14 to blow ashes off the fins to the floor, it is trifling and is confined to the lower ends of the floor tubes.

Appellant's deductions in this regard impress us as being entirely reasonable.

Referring to the Examiner's statement, quoted supra, relative to appellant's Figs. 4 and 5, showing appellant's original intent to have been to apply his fins in a horizontal plane similar to that of the reference patent, appellant's brief says:

This fact should lead not to the Examiner's conclusion, but to the very opposite one. *By striking out these figures and the broader claims that included them, applicant has emphasized the specific character of the present claim.* If the wording of the present claim were not alone sufficient, the striking out of Figs. 4 and 5 must leave no doubt that the claim excludes fins placed in a horizontal plane as in such figures and in the Jackson patent. [Italics quoted.]

This argument is based, at least in part, upon that portion of appellant's specification, already quoted supra, reading:

* * * Ashes and slag deposited thereon [on the floor] are cooled and are sufficiently granular to pass through the spaces between the tubes.

Upon this the brief of the Solicitor for the Patent Office makes the following comment:

Appellant's argument might have much force had the just quoted language clearly been limited to the construction shown in Figures 2 and 3 of appellant's drawing. However, it appears on taking appellant's specification as a whole that the just quoted language taken from the specification is equally applicable to the form of the invention shown in Figures 4 and 5 of appellant's original drawing. In these figures the spaces between the projections are much narrower and the showing is not substantially different from that in the Jackson patent

The brief of the Solicitor points out other features of appellant's original specification and drawings, now cancelled, and there is also quoted from the specification as it read originally and still reads, the teaching that "A plurality of such projections *closely spaced* is advantageous." [Italics ours.]

[1] There does not seem to have been objection made on the part of the tribunals of the Patent Office to appellant's erasures, cancellations and substituted matter. We know of no rule of law which prohibits such action, and it seems to us that appellant, under the facts of this case, is entitled to have his application as it stands after amendment tested by the prior art, without reference to the cancelled features of his original application. Further, it does not seem to us that the teaching relative to the close spacing of the projections, still remain-

ing in the specification, is inconsistent with the rejected claim.

[2] Testing the claim as has been indicated, we feel constrained to hold that appellant sufficiently distinguishes from the prior art to justify the claim's allowance. His projections are dimensionally defined, and the drawings now in the case seem quite clearly to differentiate his device from that of the Jackson patent, and, as we see it, a new result is taught.

For the reasons stated, the decision of the Board of Appeals is reversed.

Reversed.

U. S. Court of Customs and Patent Appeals

IN RE OVERBURY

No. 3,908. Decided April 4, 1938

[95 F.(2d) 331]

PATENTABILITY—REISSUE APPLICATION—ROOFING TILE.

Certain claims of a reissue application for roofing tile *Held* unpatentable as they "are not for the same invention as was sought to be protected in the original patent, and cannot be interpreted to be corrections of defects in the patent."

APPEAL from Patent Office. Affirmed.

Mr. Charles M. Thomas, Mr. Clarence O. McKay, and *Mr. Samuel Stearman* for Overbury.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

JACKSON, *J.:*

The appeal is from a decision of the Board of Appeals of the United States Patent Office affirming that of the Examiner refusing to allow claims 7 to 11, inclusive, of an application filed July 24, 1934, for reissue of appellant's original patent, No. 1,868,803, on "Roofing tile," which said patent was granted July 26, 1932.

Claim 8 is illustrative and reads as follows:

8. A shingle comprising a base of asphalt-saturated fibrous felt, said base carrying a layer of asphaltic coating, a layer of mineral grit disposed thereon and carried thereby, and a protective coating of hydraulic cement applied to said base and filling the interstices between the individual grit particles and anchored thereby, said shingle being conformable to the shape of the roof to which it is applied.

The application relates to roofing tile and reissue is sought to correct an alleged deficiency in appellant's said patent. The deficiency as set forth in the oath states—

that such defect consists particularly in the inadvertent failure to present and prosecute to allowance claims coextensive with the invention therein disclosed, which defect more particularly resides in the inadverrent failure to present and obtain allowance of claims covering, as an article of manufacture, a shingle element comprising a flexible fibrous base, having a layer of mineral particles fixed thereto and a layer of hydraulic cement covering and having its uppermost surface wholly above said mineral layer and anchored in place by said mineral particles * * *.

The patent discloses that the invention relates to fabricated roofing elements which are generally tile-shaped and are wholly or partly rigid to retain their shape.

The only objects of the patent, stated as such, are as follows:

It is thus an object of my invention to provide impervious roofing elements with an upstanding and comparatively massive or substantial structure by combining the properties of various substances used in the manufacture of the elements so as to impart to the finished product rigidity in whole or in part, and imperviousness to water and other effects of the weather. It is also an object of the invention to control the surface coloring of the elements.

The claims that went to patent are limited to rigid material or a "shape retaining" feature.

The rejected claims of the application herein set forth a fabricated flat shingle conformable to the shape or surface of a roof. They do not contain any reference to the features of rigidity or shape retaining which are stressed in the patent.

The claims before us were rejected by both the Examiner and the Board on the grounds that they set forth an invention not intended to be covered by the original patent and as not based on a patent which is inoperative or invalid by reason of a defective or insufficient specification.

Appellant urges that the above quoted objects of the invention do not include all of its objects and that—

it is clear beyond question, from a consideration of the entire specification, that other objects of the invention are the modification of the old type of asphalt shingles * * *.

We cannot agree with this contention. A very careful consideration of the original specification appears to us to disclose a roofing element which is rigid or in part rigid. The specification of the patent borne out by the claims thereof seems clearly to be for a roofing tile that simulates in appearance massive tiles of clay or cement and not for a flexible shingle as disclosed by the rejected claims. The patent does not describe any roofing element which is not entirely rigid or which does not contain stiffening of some kind or another to hold it in a raised form.

As we read the eleven figures of the patent in connection with the specification, we find three of them perspective views of raised semi-cylindrical forms of tile. Of these, two are entirely rigid, while the third is made up of flexible felt, with the butt, which is the exposed portion, composed of a plurality of layers of roofing felt, reinforced and stiffened to "preserve the upstanding tile shape," while the head portion is thinner and flat to facilitate securing the element to the roof. The part that is secured to the roof is more or less flexible. The fact that a portion of the third tile is flexible, as above shown, does not, in our opinion, describe the construction set out in the rejected claims. In laying tile of this kind, the "upstanding tile shape" is all that appears when the job is done, and facility of securing it is all that is disclosed.

Two others of the figures show cross sections of the butt portions of tiles having a base of rigid material. Another figure is a longitudinal section of the tile which contains the stiffening, and the five remaining figures are cross sections of the butt portions of laminated tiles showing various forms of stiffening elements.

In our opinion neither the specification nor the drawings separately or combined disclose a flat shingle conformable to the shape of a roof. It is quite true that in the patent we find that—

The element may be flat or take the shape of any of the various tile or shingle slabs now on the market.

This statement, however, taken with its context, refers only to the rigid element made of clay or other similar substance. Of course in the rigid kind of tile, which is the only construction described in the patent that does not include a stiffening element, there is no necessity to mention stiffening or reinforcing.

We think it quite clear that the rejected claims are not for the same invention as was sought to be protected in the original patent, and cannot be interpreted to be corrections of defects in the patent.

The decision of the Board of Appeals is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE DUTCH MAID ICE CREAM COMPANY

No. 3,935. Decided March 28, 1938

[95 F.(2d) 262]

TRADE-MARKS—CONFUSING SIMILARITY—"DUTCH MAID" AND "DUTCHLAND MADE".

Trade-mark featuring the notation "Dutch Maid" for use on ice cream *Held* confusingly similar to the registered trade-mark "Dutchland Made" for identical goods.

APPEAL from Patent Office. Affirmed.

Mr. Lester L. Sargent for Dutch Maid Ice Cream Company.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

JACKSON, *J.:*

This is an appeal from a decision of the Commissioner of Patents affirming that of the Examiner refusing to register the trade-mark "Dutch Maid", accompanied by a picture of a landscape including a Dutch girl, a windmill, and two cows, as applied to ice cream.

Both the Examiner and the Commissioner held that the mark sought to be registered is confusingly similar to a previously registered trade-mark, "Dutchland Made", which is applied to ice cream.

Since the use of the two marks is on identical goods, the sole question before us is whether they are so similar as to be likely to cause confusion in trade. Appellant states that there is a material difference in sound between "Dutch" and "Dutchland". With this we must agree. However, the same difference does not apply to the sound of "maid" and "made". As to the picture showing treeless flat land, an old Dutch windmill, the girl in dress which is Dutch from her cap to her wooden shoes, we are of opinion that it represents a scene which would naturally be called Holland or Dutchland. The picture would seem to have the same effect as the registered mark "Dutchland".

Appellant would not be entitled to register the word "Dutchland" because of the prior registration. Neither could he register as a trade-mark a picture which conveys the same meaning as the word. Apparently this is precisely what he seeks to do by including the picture with the words, all of which he seeks to register.

The law is well settled in this respect in the case of *In re Canada Dry Ginger Ale, Inc.*, 24 C. C. P. A. (Patents) 804, 86 F.(2d) 830, 1937 C. D. 198. The court there said that—

it is well established that the use of a word has the same effect as the use of a picture if the word meaning is the same as the meaning of the picture. *Hellbrunn Co.* v. *Hammermill Paper Co.*, 18 C. C. P. A. (Patents) 1307, 48 F.(2d) 963. It necessarily follows that the converse must be true—that the use of a picture has the same effect as the use of a word if the picture means the same as the word.

The words "maid" and "made" have not the same spelling, but, from what has hereinbefore been stated, we think it quite clear that joining the picture, which seems to have the same meaning as the word "Dutchland", to the words "Dutch Maid", on a product identical with that to which the registered mark is applied, would be likely to cause confusion in trade.

The words "maid" and "made" have precisely the same pronunciation, and since the radio is one of the largely used mediums of advertising products, sound is of great importance and must enter as a very necessary factor in considering the question of likelihood of confusion in trade. The difference in the words "Dutch Maid" and "Dutchland Made", both as applied to ice cream, is so slight that we are of opinion a listener to radio advertising could very easily confuse the one for the other. See *Part, Inc.*, v. *Sormani*, 23 C. C. P. A. (Patents) 773, 80 F.(2d) 78, 464 O. G. 482.

Ice cream is an inexpensive food product and of common everyday use. The radio listener would not be expected to give attention to the pronouncing of the names with the same degree of care as he would if the product were more expensive or rarely purchased. *Lever Brothers Co.* v. *Riodela Chemical Co.*, 17 C. C. P. A. (Patents) 1272, 41 F.(2d) 408, 398 O. G. 356.

The fact, as urged by appellant, that his goods are not advertised by radio does not change the situation. As a prudent business man he probably would so advertise if in his opinion it would result in better business for him.

Appellant argues that his product is sold only in his own State of North Dakota and the adjoining States of the middle northern section of the United States, whereas the product of the registrant is sold in the New England States, New York, and New Jersey. Apparently this is to the point that there would be no likelihood of confusion in trade on identical goods. This does not warrant discussion. Trade practice can be changed from time to time. It is not unreasonable to picture a business, which has developed such large territorial scope as that of both appellant and registrant, continuing to increase its horizon of trade until they might each be serving the same territory.

Appellant has called to the court's attention several decisions in view of which he contends the decision of the Commissioner should be reversed. The facts and circumstances here, however, are so clear that we deem it unnecessary to make reference to them. In this respect we follow the rule laid down in the case of *Duro Pump & Mfg. Co. (The)* v. *Thomas Maddock's Sons Co.*, 17 C. C. P. A.

(Patents) 785, 36 F.(2d) 1005, 394 O. G. 281, in which the court said that—

in trade-mark proceedings, as in other cases, the issues must be determined in accordance with the facts and circumstances of the particular case before the court.

For the reasons herein set forth, we think the Commissioner of Patents arrived at the correct conclusion, and his decision is, accordingly, affirmed.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,148,193, Ross & McCully, Faucet; 1,196,879, Morrison & McCully, same; 1,563,589, 1,616,826, J. C. Ross, same; 1,950,749, same, Self closing all metal faucet; 2,028,923, same, All metal springless automatic faucet and valve, D. C., W. D. Wash., N. Div., Doc. 1195, *E. H. Shamek* v. *J. C. Ross*. Dismissed; no infringement July 18, 1938.

1,196,879. (See 1,148,193.)

1,340,889, T. T. Gray, Process for treating petroleum hydrocarbons; 1,952,855, 1,759,812, same, Method for purifying hydrocarbon compounds; 1,759,813, same, Process and apparatus for treating hydrocarbons; 1,759,814, same, Refining of hydrocarbons; 1,862,507, same, Treatment of hydrocarbons; 1,908,599, same, Refining process; 1,624,692, H. Thomas, Process of manufacturing gasoline; 1,930,453, J. W. Brown, Process of manufacturing gasoline; 2,017,860, G. N. Harcourt, Process and apparatus for producing hydrocarbons, filed Aug. 31, 1936, D. C., N. D. Tex. (Amarillo), Doc. E 527, *The Gray Processes Corp.* v. *Dangier Oil & Refineries, Inc.*

1,377,023, B. S. Nelson, Lubricating device; 1,619,126, W. F. Hundemer, same, appeal filed May 18, 1938, C. C .A., 3d Cir., Doc. 6793, *Stewart-Warner Corp. et al.* v. *Universal Lubricating Systems, Inc.* Same, D. C. Minn. (Minneapolis), Doc. E 2984, *Stewart-Warner Corp. et al.* v. *C. H. Peters.* Consent decree for plaintiff, injunction July 19, 1938.

1,413,460. (See 1,610,192.)

1,421,756, C. Arnao, Massage apparatus; 1,982,904, Davis & Nielsen, Steaming apparatus; 1,982,905, R. E. Davis, Scalp steamer, C. C. A., 8th Cir. (St. Louis), Doc. 11138, *Larx Co., Inc.*, v. *Gibbs & Co.* Cause remanded to lower court with directions to modify decree and when so modified said decree to stand affirmed July 25, 1938. Doc. 11139, *Gibbs & Co.* v. *Larx Co., Inc.* Decree as above.

1,421,756. (See 1,413,460.)

1,449,103, F. Hayduck, Process for the manufacture of compressed yeast; 1,449,105, 1,449,106, 1,449,109, same, Low alcohol yeast process; 1,449,127, Nilsson & Harrison, Process of producing yeast; 1,449,134, A. Wohl, Method of treating molasses; 1,475,215, same, Method for the production of yeast; 1,673,735, Corby & Buhrig, Process for the manufacture of yeast; 1,688,831, F. Ransohoff, Method of treating molasses, appeal filed Dec. 8, 1937, C. C. A., 3d Cir., Doc. 6651, *Standard Brands, Inc.*, v. *National Grain Yeast Corp.*

1,449,105. (See 1,449,103.) 1,449,106. (See 1,449,103.)

1,449,109. (See 1,449,103.) 1,449,127. (See 1,449,103.)

1,449,134. (See 1,449,103.)

1,465,148, H. Rosenberg, Screw; 1,827,615, 1,809,758, same, Fastener, appeal filed Dec. 9, 1937, C. C. A., 3d Cir., Doc. 6652, *H. Rosenberg et al.* v. *Shakeproof Lock Washer Co.*

1,475,198. (See 1,959,799.) 1,475,215. (See 1,449,103.)

1,563,589. (See 1,148,193.)

1,584,149, G. Shimadzu, Method of manufacturing metal powder; 1,584,150, same, Process of manufacturing powder of lead suboxide intermingled with powder of metallic lead; 1,584,151, same, Process of manufacturing lead oxide; 1,584,152, same, Paint; 1,584,479, same, Process of making plates for storage battery using lead suboxide; 1,896,020, same, Apparatus for the continuous production of lead oxides in the dry state, C. C. A., 3d Cir., Doc. 6309, *The Electric Storage Battery Co.* v. *G. Shimadzu et al.* Doc. 6336, *G. Shimadzu et al.* v. *Electric Storage Battery Co.* Decree affirmed Aug. 8, 1938.

1,584,150. (See 1,584,149.) 1,584,151. (See 1,584,149.)

1,584,152. (See 1,584,149.) 1,584,479. (See 1,584,149.)

1,610,192, C. Barbieri, Conical paper cup and process of making same; 1,792,724, same, Paper cup blank; 1,413,460, D. F. Curtin, Sanitary paper cup; 1,964,238, A. C. Wood, Cup for confectionaries, appeal filed July 19, 1938, C. C. A., 2d Cir., Doc. —, *Dixie-Vortex Co.* v. *Imperial Paper Box Corp. et al.*

1,616,826. (See 1,148,193.) 1,619,126. (See 1,377,023.)

1,624,692. (See 1,340,889.) 1,645,741. (See 1,766,016.)

1,658,421. (See 1,766,016.) 1,673,735. (See 1,449,103.)

1,688,831. (See 1,449,103.)

1,694,823, D. C. Larson, Automatic elevator; 1,904,647, D. L. Lindquist et al., Elevator system, C. C. A., 2d Cir., Doc. —, *Otis Elevator Co.* v. *570 Building Corp. et al.* Decree affirmed (notice Aug. 1, 1938).

1,718,025, R. Bishinger, Hair curling appliance; Re. 18,841, J. Mayer, Hair waving method, filed July 22, 1938, D. C., N. D. Calif. (San Francisco), Doc. E 4293–R, *The Philad Co.* v. *T. Petersen.* Doc. E 4294–L, *The Philad Co.* v. *Standard Beauty Supply Co. et al.* Same, filed Aug. 2, 1938, D. C., S. D. Calif. (Los Angeles), Doc. E 1432–M, *The Philad Co.* v. *D. H. Myersen et al.* Same, filed Aug. 8, 1938, D. C., S. D. Calif. (Los Angeles), Doc. E 1437–J, *The Philad Co.* v. *P. H. Ordin (Paramount Sales Co.).* Doc. E 1438–RJ, *The Philad Co.* v. *H. Simon (Rainbow Chemical Co.).* Same, filed July 5, 1938, D. C., N. D. Ill., E. Div., Doc. 16142, *The Philad Co.* v. *Best Oil Products Co. et al.* Same, filed Aug. 11, 1938, D. C., N. D. Calif. (San Francisco), Doc. E 4298–S, *The Philad Co.* v. *Gate City Laboratories, Inc., et al.*

1,724,266. (See 1,766,016.) 1,759,812. (See 1,340,889.)

1,759,813. (See 1,340,889.) 1,759,814. (See 1,340,889.)

1,766,016, C. J. Ellis, Rail brake for railway cars; 1,866,552, same, Magnetic brake; 1,724,266, 1,645,741, T. Elliott, same; 1,658,421, W. G. Stuck, same, C. C. A., 3d Cir., Doc. 6485, *Cincinnati Traction Building Co.* v. *Westinghouse Air Brake Co.* 1,658,421 held not infringed; decree affirmed July 21, 1938.

1,792,724. (See 1,610,192.)

1,805,403. (See Re. 20,540.)

1,809,758. (See 1,465,148.)

1,827,102, R. Penn, Pressure actuated switch; 1,827,103, same, Differential widening means, filed Aug. 1, 1938, D. C., E. D. Wis. (Milwaukee), Doc. 5328, *Penn Electric Switch Co.* v. *G. A. Knaak (Red Seal Controller Co.).*

1,827,103. (See 1,827,102.) 1,827,615. (See 1,465,148.)

1,829,714, R. L. McElroy, Art of fire fighting and fire protection; 2,090,601, R. M. Urquhart, Method and apparatus for extinguishing fires, filed July 19, 1938, D. C., N. D. Ohio, E. Div., Doc. E 5758, *Foam Process Co. et al.* v. *The Standard Oil Co. of Ohio.*

1,829,915, 1,999,011, 1,923,856, J. J. Wasser, Display device, filed July 26, 1938, D. C., N. D. Calif. (San Francisco), Doc. E 4295–R, *Peveley Dairy Co.* v. *Borden Printing Co.*

1,841,187. (See Re. 20,540.)

1,841,247. (See Re. 20,540.)

1,862,507. (See 1,340,889.) 1,866,552. (See 1,766,016.)

1,885,597, Fehl & Belcher, Bedside unit; 1,916,832, same, Hospital bedside unit, filed Aug. 3, 1938, D. C., E. D. N. Y., Doc. E 8584, *J. T. Fehl et al.* v. *Hospital Furniture Corp.*

1,896,020. (See 1,584,149.) 1,904,647. (See 1,694,823.)

1,908,599. (See 1,340,889.) 1,916,832. (See 1,885,597.)

1,923,856. (See 1,829,915.) 1,930,453. (See 1,340,889.)

1,950,749. (See 1,148,193.) 1,952,855. (See 1,340,889.)

1,959,799, K. T. Potthoff, Method and apparatus for treating material; 1,475,198, same, Electroplating apparatus, D. C., N. D. W. Va. (Elkins), Doc. 1002, *Hanson-Van Winkle-Munning Co.* v. *U. S. Galvanizing & Plating Equipment Corp.* Defendant enjoined from ever prosecuting this plaintiff under any of the claims of either patent July 27, 1938.

1,964,238. (See 1,610,192.) 1,982,904. (See 1,421,756.)

1,982,905. (See 1,421,756.) 1,999,011. (See 1,829,915.)

2,017,860. (See 1,340,889.) 2,028,923. (See 1,148,193.)

2,029,249, 2,029,250, 2,041,616, Noell & Hoeme, Mobile ground working device, filed May 9, 1938, D. C., N. D. Tex. (Amarillo), Doc. E 577, *F. W. Hoeme* v. *R. Jeoffroy et al.*

2,029,250. (See 2,029,249.) 2,041,616. (See 2,029,249.)

2,042,439. (See Re. 20,624.)

2,090,601. (See 1,829,714.)

2,121,673. (See Re. 20,624.)

Re. 18,841. (See 1,718,025.)

Re. 20,540 (of 1,805,403), T. Johnson, Cement window structure; 1,841,187, same, Closure fastener; 1,841,247, same, Casement operator, C. C. A., 2d Cir., Doc. —, *Johnson Metal Products Co. et al.* v. *Lundell-Eckberg Mfg. Co., Inc.* Decree reversed (notice Aug. 1, 1938).

Re. 20,624 (of 2,042,439), L. J. White, Storage and dispensing apparatus for liquefied gas; 2,121,673, same, Dispensing apparatus for liquefied gas, D. C., E. D. Tex. (Tyler), Doc. E 1037, *Southern Steel Co.* v. *Automatic Gas Co., Inc.* Consent decree for plaintiff; defendant restrained as to Re. 20,624 and 2,121,673 July 25, 1938.

Adjudicated Patents

(D. C. N. J.) Bleriot patent, No. 1,727,095, for aerial advertising and signaling device, claims 2 and 3 *Held* valid and infringed. *Kellett Autogiro Corporation* v. *Brohan*, 24 F. Supp. 81.

(D. C. N. J.) Bleriot patent, No. 1,794,828, for aerial advertising and signaling, claim 9 *Held* valid and infringed. *Id.*

(D. C. Iowa) Boker patent, No. 1,802,700, for nozzle for lubricating systems, *Held* invalid. *Min-A-Max Co.* v. *Sundholm*, 24 F. Supp. 89.

(C. C. A. Pa.) Rafton patent, No. 1,803,642, for paper product and method of making the same, claims 1 and 8 *Held* not infringed. *Raffold Process Corporation* v. *Castanea Paper Co.*, 98 F.(2d) 355.

(C. C. A. Pa.) Rafton patent, No. 1,819,441, for paper product and method of making the same, *Held* not infringed. *Id.*

(C. C. A. Pa.) Rafton patent, No. 1,831,928, for method for the elimination of foam in paper manufacture and the product thereof, *Held* invalid. *Id.*

(C. C. A. Pa.) Rafton patent, No. 1,848,659, for manufacture of paper, *Held* invalid. *Id.*

(D. C. Pa.) Slaymaker patent, No. 2,048,570, for padlock, *Held* invalid. *Slaymaker Lock Co.* v. *Resse*, 24 F. Supp. 69.

(D. C. Pa.) Slaymaker patent, No. 2,048,571, for padlock, *Held* invalid. *Id.*

(C. C. A. Ill.) Poncher and Newman patent, No. 2,083,742, for bumper guard, *Held* invalid. *Monckmeier* v. *Erie Mfg. Co.*, 98 F.(2d) 369.

(D. C. Pa.) Slaymaker design patent, No. 99,554, for design for a padlock, *Held* not infringed. *Slaymaker Lock Co.* v. *Reese*, 24 F. Supp. 69.

(D. C. Pa.) Slaymaker design patent, No. 99,732, for design for a padlock, *Held* not infringed. *Id.*

Changes in Classification

Order No. 3,442, September 16, 1938, directs:

In *class 138, Pipes and Tubular Conduits* (Division 52), abolish the following subclass with its definition:

With pressure compensators

29 Electric cable conduit.

The patents formerly contained in this subclass have been placed for the most part in class 138, subclass 30.

In *class 138, Pipes and Tubular Conduits* (Division 52), subclass 26, add to the definition the following note:

(4) Note.—Where the device is limited to use with electric cables, see class 173, ELECTRICITY, CONDUCTORS, subclass 264;

and in subclass 30 cancel the note following the definition thereof.

In *class 198, Conveyers, Power Driven* (Division 4), subclass 213, in note (3) cancel "and 73, for screws for mixers."

In *class 259, Agitating* (Division 32), subclass 155, remove the parentheses from the subclass title, and in the definition insert *or drying* after "exchanging."

In *class 260, Chemistry, Carbon Compounds* (Division 6), change the title of subclass 596 to read as follows:

Carbocyclic or acyclic

Ketones

Acyclic

596 By dehydrogenation or dehydration of alcohols.

In *class 158, Liquid and Gaseous Fuel Burners* (Division 19), subclass 42.3, add to the definition the following note:

Note.—For cut-off valves of general use responsive to an abnormal increase in liquid level, see class 137, WATER DISTRIBUTION, subclass 68;

and in subclass 42.4 add to the definition the following note:

Note.—For thermostatically actuated cut-off valves of general use, see class 137, WATER DISTRIBUTION, subclasses 161 and 162.

In *class 16, Miscellaneous Hardware* (Division 20), in subclass 110 add the following notes:

(1) Note.—For handles which also serve as receptacles, see also classes 15, BRUSHING, SCRUBBING AND GENERAL CLEANING, subclass 133 and indented subclasses; 30, CUTLERY, subclass 125; 42, FIREARMS, subclass 7; 132, TOILET, subclass 75; 145, WOODWORKING TOOLS, subclass 62; and 247, ELECTRICAL CONDUITS AND HOUSINGS, subclass 13.

(2) Note.—For handles for receptacles, see also classes 40, CARD, PICTURE AND SIGN EXHIBITING, subclass 8; 53, DOMESTIC COOKING VESSELS, subclasses 1, 3, 6, 7, and 8; 65, KITCHEN AND TABLE ARTICLES, subclasses 12, 13, 15, 31 and 61; 126, STOVES AND FURNACES, subclass 195; 136, BATTERIES, subclass 166; 150, CLOTH, LEATHER AND RUBBER RECEPTACLES, subclasses 12 and 33; 190, BAGGAGE, subclasses 39 and 55–58; 217, WOODEN RECEPTACLES, subclass 125; 220, METALLIC RECEPTACLES, subclasses 56 and 94 and indented subclasses; and 229, PAPER RECEPTACLES, subclass 52.

(3) Note.—For handles for tools, implements and analogous devices, see also classes 15, BRUSHING, SCRUBBING AND GENERAL CLEANING, subclasses 143 and indented subclasses, 146, 147 and 148; 30, CUTLERY, subclasses 85 and indented subclasses, 329 and indented subclasses, and 340 and indented subclasses; 38, TEXTILES, IRONING OR SMOOTHING, subclass 90 and indented subclasses; 42, FIREARMS, subclasses 7 and 71 and indented subclasses; 81, TOOLS, subclasses 119, 121 and 177; 88, OPTICS, subclasses 89 and 102 and indented subclasses; 97, PLOWS, subclasses 71.1, 191, 195 and 196; 101, PRINTING, subclass 405 and indented subclasses; 119, ANIMAL HUSBANDRY, subclass 94; 120, STATIONERY, subclass 98 and indented subclasses; 121, MOTORS, EXPANSIBLE CHAMBER TYPE, subclass 36; 132, TOILET, subclass 76.5; 135, TENTS, CANOPIES, UMBRELLAS AND CANES, subclasses 45 and 46; 144, WOODWORKING, subclass 32; 145, WOODWORKING TOOLS, subclasses 19, 61 and indented subclasses, and 108–113; 214, MATERIAL OR ARTICLE HANDLING, subclass 145; 273, AMUSEMENT DEVICES, GAMES, subclasses 75 and 81; and 299, FLUID SPRINKLING, SPRAYING AND DIFFUSING, subclass 112.

(4) Note.—For handles, handwheels and analogous devices for operating mechanisms, see also classes 74, MACHINE ELEMENTS AND MECHANISMS, subclass 543 and indented subclasses; 116, SIGNALS AND INDICATORS, subclass 172; 156, CURTAINS, SHADES AND SCREENS, subclass 40; 200, ELECTRICITY, CIRCUIT MAKERS AND BREAKERS, subclass 172; 251, VALVES, subclasses 99 and indented subclass, and 150; and 292, CLOSURE FASTENERS, subclass 347.

(5) Note.—For boat, buoy and vehicle handholds and handles, see also classes 9, BOATS AND BUOYS, subclass 12; 105, RAILWAY ROLLING STOCK, subclass 461; 155, CHAIRS AND SEATS, subclass 16; 244, AERONAUTICS, subclass 129; and 296, LAND VEHICLES, BODIES AND TOPS, subclass 71.
(6) Note.—For blanks and processes for making hollow cutlery handles, see class 76, METAL TOOLS AND IMPLEMENTS, MAKING, subclass 106.
(7) Note.—Handles and bails for lighting supports are also found in class 240, ILLUMINATION, subclass 52.3.
(8) Note.—Boot straps are found in class 36, BOOTS, SHOES AND LEGGINGS, subclass 56.
(9) Note.—Handles and handholds for assisting rising from a bed are found in class 5, BEDS, subclass 317.
(10) Note.—Handles for food products are found in class 65, KITCHEN AND TABLE ARTICLES, subclasses 12 and 25.
(11) Note.—Handles permanently attached to mattresses are found in class 5, BEDS, subclass 345.
(12) Note.—For handle fastening devices, see also classes 15, BRUSHING, SCRUBBING AND GENERAL CLEANING, subclasses 146, 147 and 148; 30, CUTLERY, subclass 340 and indented subclasses; 97, PLOWS, subclasses 195 and 196; 190, BAGGAGE, subclass 58; 251, VALVES, subclass 45; 279, CHUCKS OR SOCKETS; 287, ROD JOINTS OR COUPLINGS, subclass 53; 292, CLOSURE FASTENERS, subclass 348 and indented subclasses; and 306, TOOL HANDLE FASTENINGS.
(13) Note.—For locks and latch mechanisms for handles, wheels and levers, see class 70, LOCKS, subclasses 192 and indented subclasses, 207 and indented subclasses, and 225 and indented subclasses, and class 251, VALVES, subclass 99 and indented subclass;

in subclass 114 add the following note:

Note.—For handling devices in the nature of separable handles, see also classes 15, BRUSHING, SCRUBBING AND GENERAL CLEANING, subclasses 146, 147 and 148; 30, CUTLERY, subclasses 329 and indented subclasses and 340 and indented subclasses; 53, DOMESTIC COOKING VESSELS, subclasses 1, 3, 6, 7 and 8; 65, KITCHEN AND TABLE ARTICLES, subclasses 12, 13, 15, 31 and 61; 107, BREAD, PASTRY AND CONFECTION MAKING, subclass 67; 132, TOILET, subclass 76.5; 135, TENTS, CANOPIES, UMBRELLAS, AND CANES, subclasses 45 and 46; 209, CLASSIFYING, SEPARATING AND ASSORTING SOLIDS, subclass 126; 215, BOTTLES AND JARS, subclasses 100 and 101; 224, PACKAGE AND ARTICLE CARRIERS, subclass 45 and indented subclasses; 251, VALVES, subclass 100; 287, ROD JOINTS OR COUPLINGS, subclass 53; and 294, HANDLING, HAND AND HOIST LINE IMPLEMENTS;

in subclass 116 add the following notes:

(1) Note.—Hand pad protectors for handles are also found in class 2, APPAREL, subclass 20.
(2) Note.—Insulated handles for valves are also found in class 251, VALVES, subclass 150;

in subclass 117 add the following note:

Note.—For handwheels of general application and their means of connection to the shaft to be operated, see classes 74, MACHINE ELEMENTS AND MECHANISMS, subclass 543 and indented subclasses, and 287, ROD JOINTS OR COUPLINGS, subclass 53;

in subclass 122 add the following notes:

(1) Note.—Bell pulls are found in class 116, SIGNALS AND INDICATORS, subclass 172.
(2) Note.—Curtain tassels are found in class 156, CURTAINS, SHADES AND SCREENS, subclass 40;

and in subclass 125 add the following note:

Note.—For loop handles permanently attached to mattresses, see class 5, BEDS, subclass 345.

In *class 107, Bread, Pastry and Confection Making* (Division 20), in subclass 67 add the following note:

Note.—For detachable handles of general application, see class 16, MISCELLANEOUS HARDWARE, subclass 114.

In *class 287, Rod Joints or Couplings* (Division 52), in subclass 53 add the following note:

Note.—Analogous fastening devices may be found in class 74, MACHINE ELEMENTS AND MECHANISMS, subclass 543 and indented subclasses, and in class 292, CLOSURE FASTENERS, subclass 348 and indented subclasses.

In *class 292, Closure Fasteners* (Division 20), subclass 347, number the existing note (*1*) and add:

(2) Note.—For handles and cranks of general application, see class 74, MACHINE ELEMENTS AND MECHANISMS, subclass 543 and indented subclasses;

and in subclass 348 add the following note:

Note.—Analogous fastening devices may also be found in class 74, MACHINE ELEMENTS AND MECHANISMS, subclass 543 and indented subclasses, and in class 287, ROD JOINTS OR COUPLINGS, subclass 53.

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,918,173, B. D. Bedford, Phase shifting circuits, decided September 3, 1938, claims 16 and 20.

Pat. 2,045,570, L. De Forest, Apparatus for receiving and projecting televised images in synchronism with sound, decided September 17, 1938, claims 8 and 12.

TRADE-MARKS

OFFICIAL GAZETTE, OCTOBER 11, 1938

[VOL. 495. No. 2]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 402,270. OAKLAND FUR DYEING CO., INC., New York, N. Y. Filed Jan. 24, 1938.



No claim is made to the wording apart from the mark.
For Dyed Furs.
Claims use since Jan. 15, 1936.

Ser. No. 403,611. NEWDAY SEEDS, INC., Fargo, N. Dak. Filed Mar. 2, 1938.



The representation of the map and all wording except "Rainy Basin" are disclaimed.
For Farm and Garden Seeds.
Claims use since Aug. 13, 1937.

Ser. No. 408,580. SILVERMAN & GREAN, INC., New York, N. Y. Filed July 16, 1938.

GLO

For Pelts and Skins.
Claims use since June 6, 1935.

Ser. No. 408,581. SILVERMAN & GREAN, INC., New York, N. Y. Filed July 16, 1938.

TOPAZ

For Pelts and Skins.
Claims use since June 14, 1935.

CLASS 4

Abrasive, Detergent, and Polishing Materials Preparations

Ser. No. 407,475. J. W. SPENCER, doing business as Woburn Spencer & Co., New Orleans, La. Filed June 14, 1938.

NUTROL

For Liquid Preparation for Floors—Namely, a Neutral Potash Scrub Cleanser, Not a Soap.
Claims use since Feb. 15, 1931.

Ser. No. 409,050. ORVILLE E. MCKIM, doing business as McKim Dental Service, Port Chester, N. Y. Filed July 29, 1938.

KIM

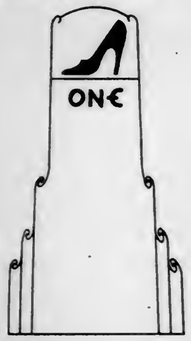
For Cleansing Preparation for Artificial Dentures.
Claims use since July 12, 1938.

Ser. No. 409,625. JOSEPH A. SCHULTE, JR., doing business as Etsul Synthetic Products, Detroit, Mich. Filed Aug. 15, 1938.

Etsul

For Cleaning Solvent Compound for Use in General Household and Industrial Cleaning.
Claims use since July 6, 1938.

Ser. No. 409,683. EVERETT AND BARRON COMPANY, Providence, R. I. Filed Aug. 17, 1938.



For Shoe Dressings.
Claims use since March, 1932.

Ser. No. 409,694. PIGGLY WIGGLY CORPORATION, Cincinnati, Ohio. Filed Aug. 17, 1938.



LADY ALICE

The representation of the woman's head is fanciful.
For Soap.
Claims use since July 11, 1938.

Ser. No. 409,771. ARTHUR E. KELLER, doing business as E. Keller & Sons, Allentown, Pa. Filed Aug. 19, 1938.

TINSIL

For Silver Polish.
Claims use since Aug. 12, 1938.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 390,285. TESTAGAR LABORATORIES, INC., Detroit, Mich. Filed Mar. 19, 1937.

«« Testagar »»

DOSE AS DIRECTED BY PHYSICIAN
TESTAGAR LABORATORIES
424 W. ELIZABETH ST.
DETROIT
PHONE CADILLAC 6245

Applicant disclaims all wording except "Testagar" and "Testagar Laboratories."
For Laxative Preparation.
Claims use since Jan. 5, 1932.

Ser. No. 397,793. CYCLAX LIMITED, London, England. Filed Sept. 25, 1937.



For Preparations for Beautifying or Preserving the Natural Beauty of the Skin and Hair and for the Treatment of All Blemishes, Imperfections, and Diseases of the Skin, Eyes, and Hair; Also Dentifrices, Bath Crystals, Water Softeners, Perfumery, Sachet Powder, and Mouth Washes.
Claims use since Mar. 1, 1932.

Ser. No. 403,161. CASTILLA PRODUCTS, INC., New York, N. Y. Filed Feb. 18, 1938.

Old Belmont Hotel

ENGLISH HAIR TONIC

Applicant disclaims the words "Belmont" and "English Hair Tonic" apart from the mark.
For Hair Tonic.
Claims use since Jan. 2, 1936.

Ser. No. 406,165. AMERICAN MAIZE-PRODUCTS COMPANY, New York, N. Y. Filed May 10, 1938.



Applicant disclaims the words "Gloss Starch." The drawing is lined for blue and red.
For Laundry Starch.
Claims use since Nov. 29, 1937.

Ser. No. 406,752. THE CLOROBEN CORPORATION, Jersey City, N. J. Filed May 26, 1938.

BENOCLOR

For Chemical for the Control of Bacteria.
Claims use since Apr. 1, 1937.

Ser. No. 407,105. MARGARET MARTIN NELSON, doing business as C. A. B. Company, Chicago, Ill. Filed June 4, 1938.

PREFERRED BY THOSE WHO KNOW

CAB

A CORA A BUTLER PRODUCT

No claim is made to the words "Preferred By Those Who Know" and "A Cora A. Butler Product" apart from the mark.
For Medicated Cream, Tissue Cream, Tissue and Cleansing Cream, Sun Tan Oil, and Skin Tone, a Liquid Lotion for Use After Shaving and as a Hand Lotion and the Like.
Claims use since May 1, 1893.

Ser. No. 407,563. MARY SCOTT ROWLAND, LTD., New York, N. Y. Filed June 16, 1938. Under 10-year proviso.



The words "London" and "Paris" are disclaimed apart from the mark.
For Face Powder, Lip Stick, Pomade, Rouge, Mascara, Cold Cream, Theatrical Cream, Deodorant Cream, Astringent Skin Tonic, Skin Lotions, Shampoos, Brilliantine, Suntan Oil, Skin White, Nail Polish, Dusting Powder, Talcum Powder, Cleansing Cream, Nourishing Cream, Protective Cream, Vitalizing Emollient Skin Cream, and Wave Set.
Claims use since 1887.

Ser. No. 408,131. PARKER RUST PROOF COMPANY, Detroit, Mich. Filed July 1, 1938.

STEELGRIP

For Chemicals for Treating Steel Surfaces to Obtain Thereon Corrosion-Resistant, Paint-Holding Coatings.
Claims use since June 28, 1938.

Ser. No. 408,241. HERCULES POWDER COMPANY, Wilmington, Del. Filed July 6, 1938.

PENETREX

For Oil Used as a Dyeing Assistant and Penetrant in the Dyeing of Textiles.
Claims use since Oct. 29, 1937.

Ser. No. 408,292. TORVIC LABORATORIES, INCORPORATED, Hagerstown, Md. Field July 7, 1938.

Torvic

For Pharmaceutical Preparation Used in the Treatment of Sinus Trouble, Asthma, Hay Fever, Colds, Catarrh, and Other Head and Throat Ailments.
Claims use since April, 1938.

Ser. No. 408,392. MILANO CHEMICAL COMPANY, New York, N. Y. Filed July 11, 1938.

MILANO



No claim is made to the word "Milano" apart from the mark.
For Preparation for the Relief of Headaches and Disorders of the Stomach When Due to Temporary Constipation.
Claims use since 1916.

Ser. No. 408,429. THE MALTINE COMPANY, New York, N. Y. Filed July 12, 1938.

B-SCORBIC

No claim is made to the letter "B" except as shown.
For Medicinal Compounds More Particularly Vitamin Tablets.
Claims use since June 24, 1938.

Ser. No. 408,643. HERCULES POWDER COMPANY, Wilmington, Del. Filed July 19, 1938.



For (a) Casein. (b) Cellulose Acetobutyrate. (c) Cellulose Nitrohydroacetate, (d) Cellulose Hydroacetate, (e)

Cellulose Nitroacetate, (*f*) Benzyl Cellulose, (*g*) Hydrocellulose, (*h*) Ethyl Cellulose, (*i*) Cellulose Acetate, (*j*) Methyl Cellulose, (*k*) Chlorinated Rubber.

Claims use since July 5, 1938, as to casein; since September 24, 1932, as to cellulose acetobutyrate; since November 30, 1932, as to cellulose nitrohydroacetate; since January 19, 1933, as to cellulose hydroacetate; since January 30, 1934, as to cellulose nitroacetate; since February 23, 1934, as to benzyl cellulose; since March 9, 1934, as to hydrocellulose; since May 23, 1934, as to ethyl cellulose; since May 17, 1934, as to cellulose acetate; since May 6, 1935, as to methyl cellulose; and since July 24, 1933, as to chlorinated rubber.

Ser. No. 408,645. HERCULES POWDER COMPANY, Wilmington, Del. Filed July 19, 1938.

HERCULES

For (*a*) Casein, (*b*) Cellulose Acetobutyrate, (*c*) Cellulose Nitrohydroacetate, (*d*) Cellulose Hydroacetate, (*e*) Cellulose Nitroacetate, (*f*) Benzyl Cellulose, (*g*) Hydrocellulose, (*h*) Ethyl Cellulose, (*i*) Cellulose Acetate, (*j*) Methyl Cellulose, (*k*) Chlorinated Rubber.

Claims use since July 5, 1938, as to casein; since September 24, 1932, as to cellulose acetobutyrate; since November 30, 1932, as to cellulose nitrohydroacetate; since January 19, 1933, as to cellulose hydroacetate; since January 30, 1934, as to cellulose nitroacetate; since February 23, 1934, as to benzyl cellulose; since March 9, 1934, as to hydrocellulose; since May 23, 1934, as to ethyl cellulose; since May 17, 1934, as to cellulose acetate; since May 6, 1935, as to methyl cellulose; and since July 24, 1933, as to chlorinated rubber.

Ser. No. 408,650. LES PARFUMS WORTH DE PARIS, INC., New York, N. Y. Filed July 19, 1938.

Imprudence

For Perfumes, Bath Salts, Astringents, Cold Creams, Toilet Waters, Face Powders, Rouges, Skin Bleaches, Shampoos, Skin Creams, Talcum Powders, Eye Drops, Lip Sticks, Eye Brow Pencils, Vanishing Creams, Sachets; Hair, Face, Hand, and Foot Lotions.

Claims use since July 1, 1938.

Ser. No. 408,828. THE BLOSSER COMPANY, Atlanta, Ga. Filed July 23, 1938.

Beach Mist

For Sun Tan Lotion.
Claims use since June 29, 1938.

Ser. No. 408,866. WARWICK CHEMICAL COMPANY, West Warwick, R. I. Filed July 23, 1938.

PERMAFRESH

For Substances to Render Fabrics Spot and Perspiration Resistant and Water Repellent.

Claims use since July 11, 1938.

Ser. No. 408,893. KATIE NELSON, doing business as Calcifo Chemical Co., Monongahela, Pa., and New York, N. Y. Filed July 25, 1938.

CALCIFO
REMINERALIZING
DENTIFRICE
BASED ON FORMULA OF
VIGGO ANDRESEN

The words "Remineralizing Dentifrice Based on Formula of Viggo Andresen" are disclaimed except as shown.

For Dentifrice.
Claims use since Apr. 1, 1938.

Ser. No. 408,961. MASTER CHEMICAL COMPANY, Portland, Oreg. Filed July 27, 1938.

MASTER X

For Bleacher, Cleaner, Deodorizer, and Disinfectant.
Claims use since Jan. 14, 1936.

Ser. No. 408,964. RICHARD L. MUMPETON, New York, N. Y. Filed July 27, 1938.

Esq

For Deodorant.
Claims use since July 8, 1938.

Ser. No. 409,007. NATIONAL MINERAL COMPANY, Chicago, Ill. Filed July 28, 1938.

HAPPY HANDS

For Hand Cream.
Claims use since Apr. 1, 1938.

Ser. No. 409,068. TAMPA DRUG COMPANY, Tampa, Fla. Filed July 29, 1938.

LYCOBOROL

For Powder for Use in the Treatment of Miliaria, Scrotal, Leg Chafes, Diaper Chafes, and Minor Irritations of the Skin and Sudoriparous Glands.

Claims use since Sept. 1, 1934.

Ser. No. 409,739. MORGAN-SABALOL PRODUCTS, INC., New York, N. Y. Filed Aug. 18, 1938.

MORGAN'S
HOLDENT
POWDER

No claim is made to the word "Powder" apart from the mark.

For Powder to be Dusted on Dental Plates which Makes Them Adhere to the Gums in the Mouth and Adds to the Comfort of the User.

Claims use since January, 1938.

CLASS 8

Smokers' Articles, Not Including Tobacco Products

Ser. No. 404,848. SYDNEY BERTRAM GOLDMAN, Washington, D. C. Filed Apr. 4, 1938.

Bertram

For Smokers' Pipes.
Claims use since Dec. 15, 1927.

Ser. No. 409,433. NAAMLOOZE VENNOOTSCHAP GOEDEWAAGEN'S KONINKLIJKE HOLLANDSCHE PIJPEN- EN AARDEWERKFABRIEKEN, Gouda, Netherlands. Filed Aug. 10, 1938.

BARONITE

For Pipes.
Claims use since Mar. 1, 1921.

CLASS 12

Construction Materials

Ser. No. 356,340. H. B. DODGE AND COMPANY, Chicago, Ill. Filed Sept. 24, 1934.

ROLOUVRE

For Folding Partitions, Rolling Partitions and Shutters.
Claims use since Mar. 1, 1934.

Ser. No. 387,955. "SPLIT" ANONIMNO DRUŠTVO ZA CEMENT PORTLAND, Split, Yugoslavia. Filed Jan. 19, 1937.

PORTLAND CEMENT
TRIUMPH BRAND
"SPALATO" PORTLAND CEMENT COMPANY
MADE IN JUGOSLAVIA

No claim is made to the words "Portland Cement", "Brand", or "Made in Jugoslavia" apart from the mark.

For Portland Cement.
Claims use since Jan. 1, 1930.

Ser. No. 402,883. KASPAR WINKLER & Co., Altstetten, Switzerland. Filed Feb. 9, 1938.

Plastiment

For Preparation for Adding to Cement, Plasters, and Other Similar Construction Materials to Improve Their Binding or Setting Qualities.

Claims use since August, 1933.

Ser. No. 405,865. KASPAR WINKLER & Co., Altstetten, Switzerland. Filed Apr. 29, 1938.

Plastocrete

For Preparations for Adding to Cement, Plasters, and Other Similar Construction Materials to Improve Their Binding or Setting Qualities.

Claims use since Feb. 13, 1934.

Ser. No. 407,516. ARKANSAS SOFT PINE BUREAU, Little Rock, Ark. Filed June 16, 1938. Under act of Feb. 20, 1905, as amended June 10, 1938.

ARKANSAS SOFT PINE

Applicant disclaims the words "Arkansas", "Soft", and "Pine" apart from the mark.
For Lumber, Woodwork, Paneling, Flooring, and Other Standard Saw and Planing Mill Products.
Claims use since October, 1915.

Ser. No. 407,805. THE GENERAL CRUSHED STONE COMPANY, Easton, Pa. Filed June 23, 1938.



For Bituminous Paving Materials.
Claims use since June 7, 1938.

Ser. No. 409,097. JOHNS-MANVILLE CORPORATION, New York, N. Y. Filed July 30, 1938.

FLEXITE

For Sheet Material Made From Portland Cement and Asbestos Fibres Adapted for Use as Wall Boards and Construction of Casings for Dry Ovens, Furnaces, and the Like.
Claims use since May 6, 1938.

Ser. No. 409,269. GLOBE ROOFING PRODUCTS CO. INC., Chicago, Ill. Filed Aug. 5, 1938.

THERMOBRIC

For Asphalt Composition Shingles.
Claims use since May 1, 1937.

Ser. No. 409,656. SHERRIFF-GOSLIN CO., Battle Creek, Mich. Filed Aug. 16, 1938.

SANSTONE

For Shingles and Siding.
Claims use since July 26, 1938.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 401,972. ACME STEEL COMPANY, Chicago, Ill. Filed Jan. 17, 1938.

Citrustrap

Applicant disclaims the representation of the goods apart from the mark.
For Steel Strapping Either Coated or Uncoated and Employed in Reinforcing Boxes, Crates, and the Like.
Claims use since Nov. 15, 1935.

Ser. No. 407,763. THE OSCAR C. RIXSON CO., Chicago, Ill. Filed June 22, 1938.

UNI-CHECK

No claim is made to the word "Check" apart from the mark.
For Builders' Hardware—Namely, Door Checks.
Claims use since May 24, 1938.

Ser. No. 408,175. THE YOUNGSTOWN SHEET & TUBE COMPANY, Youngstown, Ohio. Filed July 2, 1938.

SPEEDTITE

For Metal Pipes, Tubes, and Well Casings.
Claims use since Aug. 19, 1936.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 409,691. METALS DISINTEGRATING COMPANY, INC., Township of Union, Union County, N. J. Filed Aug. 17, 1938.

MD

For Disintegrated Metals in Dry Powder Form.
Claims use since Apr. 18, 1938.

CLASS 15

Oils and Greases

Ser. No. 408,916. FAX CORPORATION, New York, N. Y. Filed July 26, 1938.

FAX
"GET THE FACTS"
FAX CORPORATION NEW YORK

Applicant disclaims the words "New York".
For Motor Fuels, Gasoline, Fuel Oils, Automotive Lubricating Oils, Automotive Lubricating Greases, Household Machine Oils, Kerosene, and Diesel Oil.
Claims use since June 1, 1937.

Ser. No. 409,289. SWAN-FINCH OIL CORPORATION, New York, N. Y. Filed Aug. 5, 1938.

CATARACT

For Lubricating Oils and Greases.
Claims use since May 7, 1938.

CLASS 16

Paints and Painters' Materials

Ser. No. 405,745. TILO ROOFING COMPANY, INC., Stratford, Conn. Filed Apr. 26, 1938.

TILO

For Paints for Roofing and Siding Materials Particularly Adapted for Protecting and Preserving Exposed Surfaces of Asphalt, of Metallic, and of Asbestos Nature.
Claims use since 1915.

Ser. No. 406,610. THE J. R. WATKINS COMPANY, Winona, Minn. Filed May 21, 1938.



J. R. Watkins

The portrait and signature are those of J. R. Watkins, deceased.
For Polishes, Polishing Waxes, and Polishing Oil, to be Applied to Floors, Wood, Linoleum, Vehicles, and to Painted, Varnished, and Lacquered Surfaces.
Claims use since Mar. 2, 1938.

Ser. No. 409,776. PITTSBURGH PLATE GLASS COMPANY, Pittsburgh, Pa. Filed Aug. 19, 1938.

ENAMELHIDE

For Liquid and Paste Paints, Paint Primers, Paint Enamels and Lacquers, and Varnishes.
Claims use since June 28, 1938.

Ser. No. 409,777. PITTSBURGH PLATE GLASS COMPANY, Pittsburgh, Pa. Filed Aug. 19, 1938.

LESODER

For Liquid and Paste Paints, Paint Primers, Paint Enamels and Lacquers, and Varnishes.
Claims use since July 1, 1938.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 408,625. THE SLEETEX COMPANY, INC., New York, N. Y. Filed July 18, 1938.

SLEETEX



TWINS

The portraits are fanciful. The representation of the wiper blades is disclaimed apart from the mark.
For Vehicle Windshield Wiper Blades.
Claims use since May 4, 1938.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 409,727. THE ELECTRIC STORAGE BATTERY COMPANY, Philadelphia, Pa. Filed Aug. 18, 1938.

Exide-Tytex

For Storage Batteries.
Claims use since Aug. 1, 1938.

Ser. No. 409,728. THE ELECTRIC STORAGE BATTERY COMPANY, Philadelphia, Pa. Filed Aug. 18, 1938.

Tytex

For Storage Batteries.
Claims use since Aug. 1, 1938.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 408,020. LE RAY FOWLER, New York, N. Y. Filed June 29, 1938.



Applicant disclaims the representation of the goods apart from the mark.

For Toys Consisting of a Post and a Sphere Having a Plurality of Recesses in the Periphery Thereof, the Post and Sphere Being Joined Together by a Flexible Cord, the Post Being Adapted to be Held in the Hand Whereby the Sphere May be Swung in an Attempt to Catch the Sphere on the End of the Post.

Claims use since Apr. 15, 1938.

Ser. No. 409,014. TROJAN PLAYGROUND EQUIPMENT MANUFACTURING COMPANY, St. Cloud, Minn. Filed July 28, 1938.

TROJAN

For Playground Equipment—Namely, Merry-Go-Rounds, Whirlers, Slides, Giant Strides, Teeter-Totters, Swings, Combination Swing Units, Horizontal Ladders, Horizontal Bars, Horizontal Teeter-Ladders, Basket-Ball Goals and Backstops, Water Toboggan Slides, Fittings and Attachments.

Claims use since February, 1928.

Ser. No. 409,736. HOOVER PRODUCTS INC., Youngstown, Ohio. Aug. 18, 1938.

PLAKIES

For Child's Rattle.

Claims use since Apr. 14, 1938.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 380,595. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed July 3, 1936.

MASTER CRAFTSMAN

For Power Tools—Namely, Wood and Metal Turning Lathes, Sanders, Jointers, Jig Saws, Bench Saws, Hand Saws, Shapers, Flexible Shaft Outfits, Electric Grinders, and Metal Cutting Attachments for Same.

Claims use since Sept. 1, 1934.

Ser. No. 402,590. THE CLAYTON MANUFACTURING COMPANY, Bristol, Conn. Filed Feb. 2, 1938.

VULCAN

For Scissors and Shears.

Claims use since 1898.

Ser. No. 407,918. PYRENE MANUFACTURING COMPANY, Newark, N. J. Filed June 25, 1938.

Vangarde

For Hand-Operated Portable Fire Extinguishers.

Claims use since May 5, 1938.

Ser. No. 409,282. PHILADELPHIA LAWN MOWER & MFG. CO., Philadelphia, Pa. Filed Aug. 5, 1938.

PHILAJUST

For Lawn Mowers, Lawn Sweepers, Lawn Trimmers, and Grass Collectors.

Claims use since July 1, 1938.

Ser. No. 409,398. GILLETTE SAFETY RAZOR COMPANY, Boston, Mass. Filed Aug. 9, 1938.

TECH-RAZOR

The word "Razor" is disclaimed except as part of the trade-mark.

For Safety Razors and Safety Razor Blades.

Claims use since Aug. 5, 1938.

Ser. No. 409,763. COLTON RAZOR BLADE COMPANY, Boston, Mass. Filed Aug. 19, 1938.

GLYDE

For Safety Razor Blades.

Claims use since Nov. 24, 1928.

Ser. No. 409,901. ROYAL TYPEWRITER COMPANY, INC., New York, N. Y. Filed Aug. 25, 1938.

MAGIC

For Typewriting Machines and Parts Thereof.

Claims use since July 15, 1938.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 402,214. THE BROWN INSTRUMENT COMPANY, Philadelphia, Pa. Filed Jan. 22, 1938.

Electr-o-Line

For Measuring and Control Instruments and Apparatus for Automatically Controlling an Operation Responsively to the Fluctuations of a Variable Condition.

Claims use since Nov. 2, 1937.

Ser. No. 409,768. FOSTER GRANT CO. INC., Leominster, Mass. Filed Aug. 19, 1938.

FOSTA

For Sungoggles and Nose Shields.

Claims use since June 1, 1938.

Ser. No. 409,775. THE PALMER COMPANY, Norwood, Ohio. Filed Aug. 19, 1938.

VISATAB

For Thermometers.

Claims use since Apr. 14, 1938.

CLASS 27

Horological Instruments

Ser. No. 408,688. JOSEPH R. BREIVOGEL, doing business as P. J. Breivogel, New York, N. Y. Filed July 20, 1938.

PERM-ENAM

For Watch and Clock Dials.

Claims use since June 28, 1938.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 408,272. FELCH & CO., Providence, R. I. Filed July 7, 1938.

DANECRAFT



For Jewelry for Personal Wear or Adornment, Not Including Watches.

Claims use since June 25, 1938.

Ser. No. 408,475. MELVIN A. REICH, Buffalo, N. Y. Filed July 13, 1938.

HANDWROUGHT

The trade-mark "Handwrought" is disclaimed apart from the mark.

For Finger Rings.

Claims use since May, 1938.

Ser. No. 409,087. MILDRED CUNNINGHAM, New York, N. Y. Filed July 30, 1938.

JITTERBUG

For Jewelry for Personal Wear or Adornment, Not Including Watches.

Claims use since May 1, 1938.

CLASS 32

Furniture and Upholstery

Ser. No. 409,715. TOBY-CLARK, INC., New York, N. Y. Filed Aug. 17, 1938.

Beauty Angle

For Folding Chairs.

Claims use since June 15, 1938.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser No. 395,126. CRIBBEN & SEXTON COMPANY, Chicago, Ill. Filed July 12, 1937.

Universal

For Stoves, Ranges, and Hot-Air Furnaces of the Types Heated by Coal, Wood, and Gas, and Parts of Such Stoves, Ranges, and Hot-Air Furnaces.

Claims use since Jan. 1, 1880, on stoves and ranges; since 1912 on furnaces.

Ser. No. 406,451. JAMES MANUFACTURING COMPANY, Fort Atkinson, Wis. Filed May 18, 1938.

VENTMASTER

For Roof Ventilators.

Claims use since May 12, 1938.

CLASS 35

Belting, Hose, Machinery Packing, and Nonmetallic Tires

Ser. No. 402,512. CRANE PACKING COMPANY, Chicago, Ill. Filed Jan. 31, 1938.

CRANELITE

For Nonmetallic Washers and Discs for Packing Purposes.

Claims use since Dec. 13, 1937.

Ser. No. 409,065. STATE TIRE CO., Philadelphia, Pa. Filed July 29, 1938.

STATE SUPER HEAVY DUTY

No claim is made to the phrase "Super Heavy Duty" apart from the mark.
For Automobile Tires.
Claims use since June 28, 1938.

CLASS 36

Musical Instruments and Supplies

Ser. No. 409,514. ELECTROVOX COMPANY, New York, N. Y. Filed Aug. 12, 1938.



No claim is made to the word "Sapphire" and the representation of a phonograph needle except as shown.
For Phonograph Needles.
Claims use since June 1, 1938.

CLASS 37

Paper and Stationery

Ser. No. 408,597. CONSOLIDATED PAPER MANUFACTURING CO., Los Angeles, Calif. Filed July 18, 1938.

Handipak

For Paper Napkins.
Claims use since May 17, 1938.

Ser. No. 408,606. THE LEONARD TISSUE COMPANY, Cambridge, Mass. Filed July 18, 1938.

BLUE BOY

For Toilet Tissue and Paper Towels.
Claims use since July 8, 1937.

Ser. No. 408,891. MID-STATES GUMMED PAPER CO., Chicago, Ill. Filed July 25, 1938.

THERMEX

For Gummed Paper Tape.
Claims use since July 1, 1938.

Ser. No. 409,427. GOLDSMITH BROS., New York, N. Y. Filed Aug. 10, 1938.

DESKO

For Filing Cards, Filing Guides, Folders, Paper Expanding Files, and Paper Filing Devices for Insertion in Desk Drawers and Trays.
Claims use since Jan. 20, 1937.

Ser. No. 409,519. GOLDSMITH BROS., New York, N. Y. Filed Aug. 12, 1938.

EXPANDO

For Filing Cards, Filing Guides, Folders, Paper Expanding Files, and for Paper Filing Devices for Insertion in Desk Drawers and in Files.
Claims use since Nov. 1, 1936.

CLASS 38

Prints and Publications

Ser. No. 405,639. GENERAL MILLS, INC., Minneapolis, Minn. Filed Apr. 23, 1938.



Betty Crocker

The name "Betty Crocker" and the portrait are fanciful.
For Newspaper Articles Published in Newspapers.
Claims use since Jan. 31, 1938.

Ser. No. 405,640. GENERAL MILLS, INC., Minneapolis, Minn. Filed Apr. 23, 1938.

KITCHEN CLINIC

For Newspaper Articles Published in Newspapers.
Claims use since Jan. 31, 1938.

Ser. No. 405,641. GENERAL MILLS, INC., Minneapolis, Minn. Filed April 23, 1938.

MEALTIME MAGIC

For Newspaper Articles Published in Newspapers.
Claims use since Jan. 31, 1938.

Ser. No. 405,874. ESQUIRE-CORONET, INC., Chicago, Ill. Filed Apr. 30, 1938.

VERVE

For Publication Issued Periodically.
Claims use since Dec. 17, 1937.

Ser. No. 408,664. STOCKHOLDERS PUBLISHING COMPANY, INC., Los Angeles, Calif. Filed July 19, 1938.

Views of The News

For Column in a Daily Newspaper.
Claims use since June, 1936.

Ser. No. 408,814. STOCKHOLDERS PUBLISHING COMPANY, INC., Los Angeles, Calif. Filed July 22, 1938.

Views of The News

For Column in a Daily Newspaper.
Claims use since Apr. 18, 1929.

CLASS 39

Clothing

Ser. No. 380,783. MCCLURE'S, INC., Nashville, Tenn. Filed July 8, 1936.



The words "More for Your Money" and "Of Quality" are disclaimed apart from the mark. The picture is fanciful.
For Wearing Apparel—Namely, Ladies', Misses', and Children's Dresses, Suits, Sweaters, Coats, Night Gowns, Slips, Panties, and Brassières; Men's and Boys' Suits, Top Coats, Sweaters, Overalls, Trousers, Raincoats, Dress and Negligee Shirts, Shorts, Union Suits, Pajamas; Shoes of Leather, Rubber, and Fabric, and Combinations Thereof for Men, Women, and Children; and Men's and Boys' Neckties, Scarfs, and Mufflers.
Claims use since Feb. 15, 1936.

Ser. No. 392,184. APPALACHIAN MILLS COMPANY, Knoxville, Tenn. Filed May 3, 1937.

KNOX-V

Applicant is the owner of registrations Number 27,020, Number 47,882, and Number 198,792.
For Knit Goods, Comprising Underwear for Men and Boys, Sweaters, Bathing Suits.
Claims use since 1924.

Ser. No. 397,708. WM. P. GOLDMAN & BROS., INC., New York, N. Y. Filed Sept. 23, 1937.

Barclay Lounge
"S.S.S." Origination

The words "Barclay Lounge" and "Origination" are disclaimed apart from the mark.
For Men's Suits and Coats.
Claims use since June 1, 1933.

Ser. No. 399,191. LOGAN GARMENT CO., Logan, Utah. Filed Nov. 1, 1937.



No claim is made to the word "Travelknit" apart from the mark. The picture is fanciful.
For Women's and Misses' Knitted Sport Suits, Matched Knitted Suits, Hats, and Coats, Knitted Dresses, Knitted Hats, and Sweaters.
Claims use since July 12, 1937.

Ser. No. 400,332. SAMUEL E. ANNIS, New York, N. Y. Filed Dec. 1, 1937.

Beach-Craft

For Ladies', Children's, and Men's Wearing Apparel—Namely, Play Suits, Pajamas, Trunks, Sweaters, Bathing Suits, Halters, and Culottes.
Claims use since October, 1931.

Ser. No. 402,295. DUNN AND MCCARTHY, INC., Auburn, N. Y. Filed Jan. 25, 1938.

Thrift-Eze

For Leather Shoes.
Claims use since Dec. 8, 1937.

Ser. No. 402,867. OLD COLONY KNITTING MILLS, INC., Hingham, Mass. Filed Feb. 9, 1938.



No claim is made to the words "Doeskin Knit" apart from the mark.
For Knitted Sweaters.
Claims use since July, 1936.

Ser. No. 405,522. PERLBERG & TANNENBAUM, INC., New York, N. Y. Filed Apr. 20, 1938.

America's Favorite GIRLS' DRESSES

Styled TO WIN EVERY GIRL'S HEART

The words "America's", "Girls' Dresses", and "Styled to Win Every Girl's Heart" are disclaimed apart from the mark.
For Infants' and Children's Dresses.
Claims use since Jan. 18, 1938.

Ser. No. 406,037. WALKONAIR CORPORATION, Chicago, Ill. Filed May 5, 1938.

WALK-ON-AIRE *Air Inflated Bolsters*

The words "Air Inflated Bolsters" are disclaimed apart from the mark.
For Insoles for Shoes.
Claims use since May 15, 1936.

Ser. No. 406,754. DRAPER HAT CORPORATION, New York, N. Y. Filed May 26, 1938.

GAYWAY

For Ladies' Hats.
Claims use since Feb. 1, 1938.

Ser. No. 407,757. LOUIS LAXER INC., New York, N. Y. Filed June 22, 1938.

LL Hollywood BLOUSE & SPORTSWEAR

No claim is made to the words "Hollywood", "Blouse", and "Sportswear" apart from the mark.
For Ladies' Blouses, Waists, House Coats, Skirts, Jackets, Play Suits, and Culottes.
Claims use since June 1, 1936.

Ser. No. 407,808. I. GROSSMAN & SON, INC., New York, N. Y. Filed June 23, 1938.

Miss World's Fair
A MISSY STYLE

The words "A Missy Style" are disclaimed apart from the mark.
For Women's and Misses' Coats and Suits.
Claims use since Jan. 15, 1938.

Ser. No. 408,005. BLUE SWAN MILLS INC., New York, N. Y. Filed June 29, 1938.

Wear Abouts

The word "Wear" is disclaimed apart from the mark.
For Ladies' Underwear, Such as Bloomers, Panties, Stepins, Gowns, Slips, Pajamas.
Claims use since Apr. 4, 1938.

Ser. No. 408,126. NEW PROCESS COMPANY, Warren, Pa. Filed July 1, 1938.

DUREGHAN

For Men's Outer Garments—Namely, Topcoats.
Claims use since Feb. 22, 1938.

Ser. No. 408,230. BROADSTREET'S, INC., New York, N. Y. Filed July 6, 1938.

Broadstreet's
Fifth Avenue
New York

No claim is made to the words "Fifth Avenue, New York" apart from the mark.
For Men's, Boys', and Children's Outer Garments Consisting of Coats, Vests, Pants, Overcoats, Raincoats, Dusters, Mackinaws, Ulsters, Smoking Jackets, Automobile Coats, Bathwraps; and Women's and Children's Outer Garments Consisting of Coats, Bathwraps, Mackinaws, and Knickers; Men's Dress, Negligee, and Work Shirts; Men's, Women's, and Children's Underwear.
Claims use since July 1, 1937.

Ser. No. 408,492. BONZETTE FOUNDATIONS, INC., New York, N. Y. Filed July 14, 1938.

Chica by Bonzette

For Girdles, Corsets, Brassières, and Combinations Thereof.
Claims use since June 21, 1938.

Ser. No. 408,537. CHARLES W. GELB, doing business as The Posturite Company, New York, N. Y. Filed July 15, 1938.

Tru-Posture

For Bathing Trunks and Abdominal Belts for Ordinary Wear.
Claims use since Mar. 28, 1938.

Ser. No. 408,568. FRUHAUF & MUSYL, INC., Carlstadt, N. J. Filed July 16, 1938.

Gobette

For Ladies' Hats.
Claims use since May 15, 1938.

Ser. No. 408,578. ROBINSON MFG. COMPANY, INC., Dayton, Tenn. Filed July 16, 1938.

RMC

For Men's Underwear—Namely, Athletic Shorts.
Claims use since Feb. 18, 1938.

Ser. No. 408,590. WALKIN SHOE COMPANY, Schuylkill Haven, Pa. Filed July 16, 1938.

PROPER SIZE POSTUR
CORRECTIVE FEATURE

Applicant disclaims the phrase "Corrective Feature" except as shown.
For Men's, Women's, and Children's Boots and Shoes of Leather, Rubber, Fabric, and Combinations Thereof.
Claims use since Aug. 6, 1934.

Ser. No. 408,605. THE JOSEPH & FEISS COMPANY, Cleveland, Ohio. Filed July 18, 1938.

CLOTHCRAFT

Applicant is the owner of registrations Number 38,108 (renewed) and Number 206,067.
For Men's and Young Men's Suits, Topcoats, Overcoats, and Summer Weight Outer Clothing Comprising Coats, Vests, and Trousers.
Claims use since Oct. 15, 1901.

Ser. No. 408,614. THE MAJESTIC KNITWEAR COMPANY, Cleveland, Ohio. Filed July 18, 1938.

Truly Yours

For Women's and Girls' Outer Skirts, Sweaters, and Dresses.
Claims use since June 15, 1938.

Ser. No. 408,764. SCHECTER & ROTHBERG, doing business as Atwell Hosiery Co., New York, N. Y. Filed July 21, 1938.

Atwell WEARS WELL

No claim is made to the words "Wears Well" apart from the mark. The drawing is lined for blue and red and dotted for gold.
For Ladies', Men's, and Boys' Hosiery.
Claims use since October, 1936.

Ser. No. 408,804. LAVOGUE DRESS COMPANY, INCORPORATED, St. Louis, Mo. Filed July 22, 1938.

Irene Karol ORIGINAL

The word "Original" is disclaimed apart from the mark.
For Ladies', Misses', and Juniors' Dresses.
Claims use since June 1, 1938.

Ser. No. 408,911. ARTCRAFT SILK HOSIERY MILLS, INC., Philadelphia, Pa. Filed July 26, 1938.

Magic Ease

For Women's Hosiery.
Claims use since July 1, 1938.

Ser. No. 409,046. JOSEPH MANN, Boston, Mass. Filed July 29, 1938.

Lord

Fashion

The word "Fashion" is disclaimed apart from the mark.
For Men's and Boys' Hosiery.
Claims use since Jan. 1, 1938.

Ser. No. 409,053. NORTHMONT HOSIERY CORPORATION, Reading, Pa., and New York, N. Y. Filed July 29, 1938.

Dayette

For Hosiery.
Claims use since May 25, 1938.

Ser. No. 409,054. NORTHMONT HOSIERY CORPORATION, Reading, Pa., and New York, N. Y. Filed July 29, 1938.

Dreamette

For Hosiery.
Claims use since May 25, 1938.

Ser. No. 409,055. NORTHMONT HOSIERY CORPORATION, Reading, Pa., and New York, N. Y. Filed July 29, 1938.

Dressette

For Hosiery.
Claims use since May 25, 1938.

Ser. No. 409,230. BREITSTEIN MANUFACTURING CO., INC., doing business as Brown Derby Coat Co., Los Angeles, Calif. Filed Aug. 4, 1938.

BROWN DERBY

For Ladies' and Misses' Coats and Suits.
Claims use since June 21, 1938.

Ser. No. 409,237. INDEPENDENT WHOLESALE DRY GOODS ASSN. INC., New York, N. Y. Filed Aug. 4, 1938.

ROYAL GUARD

For Hosiery, Sweaters, Work Pants, Boys' Pants, Bath-Robes, and Overalls.
Claims use since Mar. 11, 1936.

Ser. No. 409,321. LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I., and New York, N. Y. Filed Aug. 6, 1938.

Dimpletora

For Women's and Girls' Skirts, Waists, Suits, Coats, and Pajamas; Children's Rompers, Dresses, and Suits; Men's and Boys' Suits, Coats, and Trousers.
Claims use since Mar. 1, 1938.

Ser. No. 409,410. THE MOYER MANUFACTURING COMPANY, Youngstown, Ohio. Filed Aug. 9, 1938.

Colcroy

For Men's and Boys' Suits.
Claims use since June 1, 1938.

Ser. No. 409,422. ELDER MANUFACTURING COMPANY, St. Louis, Mo. Filed Aug. 10, 1938.

Markwain

Applicant is the owner of registration No. 168,075, issued May 15, 1923.
For Men's and Boys' Dress, Negligee, Work, and Polo Shirts, Collars, Sport Coats, Pajamas, Nightshirts, and Sleeping Garments.
Claims use since Nov. 20, 1937.

Ser. No. 409,571. JACK L. HONIG INC., New York, N. Y. Filed Aug. 13, 1938.



AIRESS

For Children's Dresses.
Claims use since Feb. 8, 1938.

Ser. No. 409,584. THE NOLDE AND HORST COMPANY, Reading, Pa. Filed Aug. 13, 1938.

FREENEELING

For Ladies' Hosiery.
Claims use since July 22, 1938.

Ser. No. 409,622. RHEA MANUFACTURING COMPANY, Milwaukee, Wis. Filed Aug. 15, 1938.

Lois Jane

For Women's, Misses', and Children's Dresses.
Claims use since Aug. 2, 1938.

Ser. No. 409,795. WILSON BROTHERS, Chicago, Ill. Filed Aug. 19, 1938.

WEATHER WARDEN

For Men's Sport Jackets.
Claims use since July 25, 1938.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 400,915. R. H. MACY & CO., INC., New York, N. Y. Filed Dec. 16, 1937.

SUPRE-MACY

Applicant is the owner of registration No. 78,333, effected under the 10-year proviso.
For Rugs, Carpets, Linens, Silk Crepe in the Piece, Blankets, Sheets, Pillow-Cases, and Towels.
Claims use since Sept. 7, 1937, on rugs and carpets; since June 16, 1937, on linens; since May, 1936, on silk crepe; since September, 1936, on blankets; since April, 1936, on sheets and pillow cases; and since August, 1937, on towels.

Ser. No. 401,790. HARRY L. SHEINMAN & SONS INC., New York, N. Y. Filed Jan. 11, 1938.

SHEERELLA

For Fabrics in the Piece of Silk.
Claims use since January, 1937.

Ser. No. 407,793. THE CROMWELL PAPER CO., Chicago, Ill. Filed June 23, 1938.

CROM TEX

The portrait is that of Oliver Cromwell, English general and statesman. The words "Quality Built In" are disclaimed apart from the mark.
For Curtains and Curtain Materials.
Claims use since Mar. 1, 1938.

Ser. No. 408,125. NEW PROCESS COMPANY, Warren, Pa. Filed July 1, 1938.

DUREGHAN

For Woolen Piece Goods, Particularly the Fabric From Which Men's Outer Garments, Including Topcoats, are Made.
Claims use since Mar. 24, 1938.

Ser. No. 409,000. GRANITE FABRICS, INC., New York, N. Y. Filed July 28, 1938.

Sno-Flo

For Piece Goods of Cotton, Rayon, Wool, Cotton and Wool, and Rayon and Wool.
Claims use since May 25, 1938.

Ser. No. 409,319. KLEIN BROTHERS FABRICS CORPORATION, New York, N. Y. Filed Aug. 6, 1938.

Petal Cool

The word "Cool" is disclaimed apart from the mark.
For Piece Goods of Cotton, Silk, Rayon, Wool, Linen, and/or Combinations Thereof.
Claims use since Feb. 1, 1938.

Ser. No. 409,424. FORSTMANN WOOLEN CO., Passaic, N. J. Filed Aug. 10, 1938.

Needlepoint Stripe

The word "Stripe" is disclaimed apart from the mark.
For Woolen Piece Goods.
Claims use since July 12, 1938.

Ser. No. 409,838. BOTANY WORSTED MILLS, Passaic, N. J. Filed Aug. 22, 1938.

GILGORA

For Woolen and Worsted Piece Goods.
Claims use since July 14, 1938.

Ser. No. 409,986. ALEXANDER MANUFACTURING COMPANY, Forest City, N. C. Filed Aug. 26, 1938.

ALEXANDER



For Pillow Cases, Bed Sheetings, and Bed Sheets of Textile Material.
Claims use since Jan. 9, 1924.

CLASS 43

Thread and Yarn

Ser. No. 396,539. KINSTON TEXTILE MILLS, INCORPORATED, Kinston, N. C. Filed Aug. 18, 1937.

KIN-TEX QUALITY

No claim is made to the word "Quality" apart from the mark.
For Yarn.
Claims use since Mar. 1, 1937.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 372,441. STERISOL AMPOULE CORP., Long Island City, N. Y. Filed Dec. 9, 1935.

STERISOL

For Equipment for the Parenteral Administration of Liquids, Accessories Therefor and Parts Thereof—Namely, Empty Ampoules, Dripmeters, Observation Tubes with Luer Tips, Intravenous Needles, Hypodermic Needles, Air Filters, Intravenous (Rubber) Tubing, Clamps, Hospital Stands for Holding and Suspending Ampoules.
Claims use since October, 1934.

Ser. No. 404,889. EASTERN LABORATORIES, INC., New York, N. Y. Filed Apr. 5, 1938.

MARVEL

For Violet Ray Apparatus and Parts, Electrical Vibrators for Body Treatment, Sunlight Lamps, Gas and Electrical Hair Dryers, Gas and Electrical Multiple Type or System Hair-Dryers, Gas and Electrical Hand and Face Dryers, Electrical Curling Iron Heaters, Steamers (Apparatus for Supplying Vapor and Medicaments to the Face and Skin).
Claims use on Violet Ray Apparatus and Parts since Jan. 1, 1922; on Electrical Vibrators for Body Treatment since May 27, 1927; on Sunlight Lamps since Oct. 21, 1923; on Gas and Electrical Hair Dryers since Jan. 1, 1925; on Gas and Electrical Multiple Type or System Hair-Dryers since May 2, 1933; on Gas and Electrical Hand and Face Dryers since May 19, 1927; on Electrical Curling Iron Heaters since Oct. 31, 1923; and on Steamers (Apparatus for Supplying Vapor and Medicaments to the Face and Skin) since Apr. 20, 1932.

Ser. No. 407,341. WASHINGTON DENTAL COMPANY, Washington, D. C. Filed June 10, 1938.

IRODIUM

For Dental Restorations.
Claims use since May 15, 1935.

Ser. No. 407,342. WASHINGTON DENTAL COMPANY, Washington, D. C. Filed June 10, 1938.

PALLANITE

For Dental Restorations.
Claims use since June 15, 1935.

Ser. No. 407,343. WASHINGTON DENTAL COMPANY, Washington, D. C. Filed June 10, 1938.

VITROCAST

For Dental Restorations.
Claims use since May 15, 1935.

Ser. No. 407,344. WASHINGTON DENTAL COMPANY, Washington, D. C. Filed June 10, 1938.

VITRALLOY

For Dental Restorations.
Claims use since May 15, 1935.

Ser. No. 407,700. ROSA E. TUTTLE, Newark, N. J. Filed June 20, 1938.

Geo. S. Tuttle

The mark "Geo. S. Tuttle" is a facsimile of the signature of Geo. S. Tuttle, deceased, one of the founders of applicant's business.
For Dental Casting Golds, Especially Compounded Preparations, to be Used for Structural Service by Dentists, Technicians, and Laboratories, Containing High Grade Dental Alloys, Dental Golds and Solders, and Amalgam.
Claims use since Jan. 1, 1900.

Ser. No. 407,900. GLOBE PHONE MANUFACTURING CORPORATION, New York, N. Y. Filed June 25, 1938.

AudiTron

For Electrical Hearing Aid Designed for Deafened Persons.
Claims use since May 13, 1938.

Ser. No. 409,418. C. & W. MANUFACTURING CO., Chicago, Ill. Filed Aug. 10, 1938.

ARISTO

For Electric Hair Dryers.
Claims use since May 2, 1938.

Ser. No. 409,550. JULIUS ADERER, INC., New York, N. Y. Filed Aug. 13, 1938.

PONTILAY

For Casting Gold for Dental Work.
Claims use since May 16, 1938.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 406,373. JOHN CHRISMAN, Paris, Ill. Filed May 16, 1938.

ROCK HILL *Tops All*

No claim is made to the words "Rock Hill" apart from the mark.
For Nonalcoholic and Carbonated Maltless Beverages Sold as Soft Drinks.
Claims use since October, 1937.

Ser. No. 407,120. J. C. RANFT BOTTLING COMPANY, Granite City, Ill. Filed June 3, 1938.

A ROYAL MIXER
KING-HI
LITHIATED LEMON

No claim is made to the words "Mixer", "Lemon", and "Lithiated" apart from the mark.
For Nonalcoholic Maltless Beverages Sold as Soft Drinks and Syrup for Making the Same.
Claims use since Oct. 18, 1937.

Ser. No. 408,105. HIGH ROCK GINGER ALE COMPANY, Baltimore, Md. Filed July 1, 1938.



HIGH ROCK GINGER ALE COMPANY

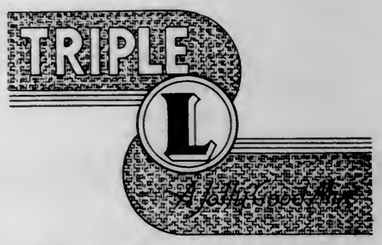
For Non-Alcoholic Maltless Beverages Sold as Soft Drinks, and Extracts Used in Making Same.
Claims use since Feb. 2, 1937.

Ser. No. 408,112. J. F. LAZIER MANUFACTURING CO., INC., St. Louis, Mo. Filed July 1, 1938.

Dair-E

For Nonalcoholic, Maltless Extracts and Concentrated Mixed Fruit Syrups Used in the Preparation of Soft Drinks, and Nonalcoholic, Maltless Beverages Made from Said Extracts and Concentrates.
Claims use since Jan. 31, 1934.

Ser. No. 408,745. FRANK JOSEPH BECKER, Solon, Ohio. Filed July 21, 1938.



The phrase "A Jolly Good Mix" is disclaimed apart from the mark.
For Non-Alcoholic, Non-Cereal, Maltless, Mixer Beverage Sold as a Soft Drink and Sirup and Extract for Making the Same.
Claims use since May 10, 1937.

Ser. No. 409,324. MERLIE PRODUCTS CORPORATION, Miami, Fla. Filed Aug. 6, 1938.

PAPENA

For Non-Alcoholic Beverage.
Claims use since Aug. 1, 1936.

Ser. No. 409,680. A. J. CANFIELD CO., Chicago, Ill. Filed Aug. 17, 1938.

Zest

For Maltless, Carbonated Beverages Sold as Soft Drinks.
Claims use since July 30, 1938.

Ser. No. 409,844. MEADOWBROOK BEVERAGES, INC., Jamaica, N. Y. Filed Aug. 22, 1938.



For Non-Alcoholic, Non-Cereal, Maltless Beverages, Sold as Soft Drinks and Sirups and Extracts for Making the Same.
Claims use since Mar. 1, 1938.

Ser. No. 409,845. MONARCH MANUFACTURING COMPANY, Atlanta, Ga. Filed Aug. 22, 1938.

Escort

For Non-Alcoholic, Non-Cereal, Maltless Beverages, Sold as Soft Drinks and Sirups and Extracts for Making the Same.
Claims use since May 20, 1938.

CLASS 46

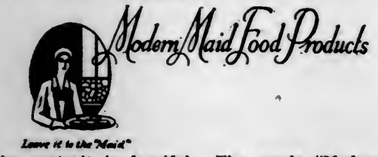
Foods and Ingredients of Foods

Ser. No. 396,976. CALIFORNIA CONSOLIDATED CANNERIES, INC., Los Angeles, Calif. Filed Sept. 1, 1937.

MARIO

The drawing is lined for blue, green, and red.
For the Following Canned Goods: Lima Bean Loaf, Macaroni with Cheese, Enchiladas, Spaghetti.
Claims use since May 1, 1937.

Ser. No. 397,717. MODERN MAID FOOD PRODUCTS, Brooklyn, N. Y. Filed Sept. 23, 1937.



The portrait is fanciful. The words "Modern Maid Food Products" are disclaimed apart from the mark.
For Prepared Flours for the Following Goods—Waffle, Whole Wheat Waffle, Biscuit, Pie Crust, Doughnut, Greaseless Doughnut, Corn Muffin, Bran Muffin, Whole Wheat Muffin, Pancake, Spice Cake, Fudge Cake, Ginger Cake, Golden Cake, Devils Food Cake; Hot Chocolate Powder, Chocolate Pudding, Confectioner's Cocoa, Butter Flavor for Food Purposes, Maple Flavor for Food Purposes, Vanilla Flavor for Food Purposes, Flavoring Emulsions for Food Purposes, Pie Fillings, Fudge Icing, Icing Base, Cream Puff Filling, and Baker's Devils Food.
Claims use since Nov. 15, 1932.

Ser. No. 399,716. LOUISVILLE DRYING MACHINERY COMPANY, INCORPORATED, Louisville, Ky. Filed Nov. 13, 1937.

CITRO-DRY PULP

No claim is made to the words "Dry" and "Pulp" apart from the mark.
For Feeds for Livestock and Poultry.
Claims use since Oct. 29, 1937.

Ser. No. 404,348. BIRELEY'S INC., Hollywood, Calif. Filed Mar. 22, 1938.

KEEP IN TRIM

For Fruit Juices for Food Purposes.
Claims use since January, 1937.

Ser. No. 406,131. HAWAIIAN PINEAPPLE COMPANY, LTD., Honolulu, Territory of Hawaii, and San Francisco, Calif. Filed May 9, 1938.

"GEMS"

The applicant is the owner of registrations: 99,981, dated Sept. 29, 1914; 333,740, dated Apr. 7, 1936; and 339,371, dated Oct. 6, 1936.
For Canned Pineapple.
Claims use since May 5, 1935.

Ser. No. 407,959. BEVERLY OSBORNE, doing business as Beverly's and Beverly's Drive-In, Oklahoma City, Okla. Filed June 27, 1938.



The word "Chicken" is disclaimed apart from the mark.
For Lunches Comprising Chicken, Potatoes, and Rolls.
Claims use since Aug. 1, 1936.

Ser. No. 408,591. WESTERGAARD, BERG-JOHNSEN CO., Brooklyn, N. Y. Filed July 16, 1938.



For Canned Anchovies and Cut-Up Spiced Herring Known as Gaffelbitar.
Claims use since June 1, 1938.

Ser. No. 408,676. RICH MAID MANUFACTURING COMPANY, INC., Richmond, Va. Filed July 14, 1938.

BOOSTER

The applicant is the owner of registration No. 98,206, July 7, 1914.
For Baking Powder and Coffee.
Claims use since Nov. 10, 1911 on baking powder; since Mar. 30, 1932 on coffee.

Ser No. 408,686. AUSTIN, NICHOLS & CO., INC., Brooklyn, N. Y. Filed July 20, 1938.

JONQUIL

For Teas and Coffees.
Claims use since Mar. 7, 1907.

Ser. No. 408,751. CATELLI FOOD PRODUCTS, LTD., Montreal, Québec, Canada. Filed July 21, 1938.

BAPTISTE

For Pea Soup, Pork and Beans, Soups.
Claims use since May 30, 1937.

Ser. No. 408,909. WAPLES PLATTER COMPANY, doing business as Great Western Foods Co., Fort Worth, Tex. Filed July 25, 1938.

WESTERN GOLD

For Apple Butter, Apple Jelly, Canned Black Eyed Peas, Canned Brown Beans, Canned Chili Con Carne, Cocoanut, Canned Hominy, Canned Mexican Style Beans, Canned Pork and Beans, Olive Oil, Canned Red Kidney Beans, Rice, Relish Spread, Salad Dressing, Canned Spaghetti, Strawberry Preserves, Canned Tamales, Tea and Vinegar.
Claims use since July 18, 1938.

Ser. No. 409,352. FRENCH KITCHEN FOODS CORPORATION, Los Angeles, Calif. Filed Aug. 8, 1938.

FRENCH-KETTLE

No claim is made to the word "French" apart from the mark.
For Onion Soup.
Claims use since July 28, 1938.

Ser. No. 409,492. SERGEANT & NICHOLOY, INC., Milwaukee, Wis. Filed Aug. 11, 1938.

LITTLE FARMER

For Canned Vegetables.
Claims use since Oct. 19, 1929.

Ser. No. 409,588. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Filed Aug. 13, 1938.

OLD WELL

For Wheat Flour.
Claims use since July 30, 1936.

CLASS 47

Wines

Ser. No. 409,102. JOSEPH MUTASCIO, New York, N. Y. Filed July 30, 1938.

La Contadina

For Wines.
Claims use since Mar. 1, 1938.

Ser. No. 409,103. JOSEPH MUTASCIO, New York, N. Y. Filed July 30, 1938.

"O' SOLE MIO"

For Wines.
Claims use since Mar. 1, 1938.

CLASS 48

Malt Beverages and Liquors

Ser No. 406,705. BERLINER SCHLOSSBRAUEREI AKTIENGELLSCHAFT, Berlin-Schoneberg, Germany. Filed May 25, 1938.

Protex

For Beers.
Claims use since June 27, 1936.

Ser. No. 406,706. BERLINER SCHLOSSBRAUEREI AKTIENGESELLSCHAFT, Berlin, Germany. Filed May 25, 1938.

Deglutan

For Beers.
Claims use since June 27, 1936.

Ser. No. 409,621. REGAL AMBER BREWING COMPANY, San Francisco, Calif. Filed Aug. 15, 1938.



The representation of the labels is disclaimed apart from the mark.

For Malt Beverages of Not More Than the Legal Alcoholic Content.

Claims use since Dec. 6, 1937.

Ser. No. 409,631. THE STROH BREWERY COMPANY, Detroit, Mich. Filed Aug. 15, 1938. Under 10-year proviso.

STROH'S Bohemian

For Beer.

Claims use since 1886.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 407,244. PENNSYLVANIA DISTILLING CO., INC., Logansport and Philadelphia, Pa. Filed June 8, 1938.

American Express

The term "American" is disclaimed apart from the mark.

For Whiskey.

Claims use since May 25, 1938.

Ser. No. 407,347. JOHN A. WATHEN DISTILLERY COMPANY, INC., Lebanon and Louisville, Ky. Filed June 10, 1938.

GLEN HOLLOW

For Whiskey.

Claims use since May 20, 1937.

Ser. No. 408,148. BARDSTOWN DISTILLERY, INC., Bardstown, Ky. Filed July 2, 1938.

Bard's Town

For Whiskey.

Claims use since July 23, 1934.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

OCTOBER 11, 1938

361,116. FRESH DECIDUOUS FRUITS—NAMELY, FRESH APPLES. APPLE GROWERS ASSOCIATION, Hood River, Oreg.

Filed February 14, 1933. Serial No. 334,947. PUBLISHED DECEMBER 28, 1937. Class 46.

361,117. PREPARATION CONTAINING TANNIN EXTRACT FOR USE IN THE MANUFACTURE OF BRICK, TILE, AND OTHER CERAMIC PRODUCTS. MEAD PAPERBOARD CORPORATION, Wilmington, Del., assignor to The Mead Corporation, Chillicothe, Ohio, a corporation of Ohio.

Filed June 26, 1935. Serial No. 366,669. PUBLISHED NOVEMBER 2, 1937. Class 6.

361,118. MOTOR DRIVEN RAZOR. LEKTRO SHAVE CORPORATION, New York, N. Y., assignor to Progress Lektro Shave Corporation, New York, N. Y., a corporation of Delaware.

Filed January 25, 1936. Serial No. 374,087. PUBLISHED APRIL 14, 1936. Class 23.

361,119. JUVENILE VELOCIPEDES AND SCOOTERS. THE E. C. BROWN COMPANY, Rochester, N. Y.

Filed April 20, 1936. Serial No. 377,383. PUBLISHED AUGUST 2, 1938. Class 22.

361,120. DIURETIC. T. C. GIVENS, Blytheville, Ark.

Filed October 3, 1936. Serial No. 383,925. PUBLISHED JULY 13, 1937. Class 6.

361,121. GENERAL TONIC. REZA & REZA, Oceanside, Calif.

Filed August 25, 1936. Serial No. 382,569. PUBLISHED AUGUST 2, 1938. Class 6.

361,122. ELECTRIC MASSAGE, VACUUM, PRESSURE, ATOMIZER, AND VIBRATOR APPARATUS. AUTOMATIC MUSICAL INSTRUMENT COMPANY, doing business as A. M. I. Distributing Company, Grand Rapids, Mich., now by change of name Automatic Instrument Company.

Filed February 23, 1937. Serial No. 389,226. PUBLISHED APRIL 27, 1937. Class 44.

361,123. SPORTSWEAR—NAMELY, SLACKS, MIDDIES, BLOUSES, SHORTS FOR OUTER WEAR, OVERALLS, SKIRTS FOR OUTER WEAR, HIKING PANTS, RIDING PANTS, CULOTTE SKIRTS, AND SPORT HATS. KROESEN MANUFACTURING CO., Long Beach, Calif.

Filed March 22, 1937. Serial No. 390,371. PUBLISHED JULY 26, 1938. Class 39.

361,124. DOUCHE POWDER. JULIUS SCHMID, INC., New York, N. Y.

Filed April 1, 1937. Serial No. 390,811. PUBLISHED JULY 26, 1938. Class 6.

361,125. VACUUM INDUCING THERAPEUTIC APPARATUS. THE CROSLEY RADIO CORPORATION, Cincinnati, Ohio.

Filed April 19, 1937. Serial No. 391,520. PUBLISHED AUGUST 31, 1937. Class 44.

361,126. WHISKEY. HIRAM WALKER & SONS INC., Peoria, Ill.

Filed April 30, 1937. Serial No. 392,116. PUBLISHED JUNE 8, 1937. Class 49.

361,127. RUBBER AND RUBBER-CONTAINING PNEUMATIC TIRES AND TUBES FOR VEHICLE WHEELS. THE PHARIS TIRE AND RUBBER COMPANY, Newark, Ohio.

Filed May 1, 1937. Serial No. 392,162. PUBLISHED AUGUST 2, 1938. Class 35.

361,128. TOOTH PASTE AND TOOTH POWDER. THE SHEFFIELD COMPANY, New York, N. Y., and New London, Conn.

Filed May 11, 1937. Serial No. 392,610. PUBLISHED JULY 26, 1938. Class 6.

361,129. APERITIVE TONICS AND STOMACHICS. SALVATORE RUSSO, doing business as Moto-Vita Co., New York, N. Y.

Filed May 17, 1937. Serial No. 392,891. PUBLISHED JULY 26, 1938. Class 6.

361,130. DEODORANT. THE RANDOLPH DRUG CO., Detroit, Mich.

Filed May 18, 1937. Serial No. 392,939. PUBLISHED JULY 19, 1938. Class 6.

361,131. SHAMPOO PREPARATION. WILLIAM ARTHUR HURST, Avera, Miss.

Filed June 8, 1937. Serial No. 393,808. PUBLISHED JULY 19, 1938. Class 6.

361,132. SEMI-SOLID PROTECTIVE COATING MATERIAL COMPRISING ESSENTIALLY PETROLEUM HYDROCARBONS AND A SMALL AMOUNT OF A CORROSION INHIBITING CHEMICAL FOR COATING METALLIC BODIES SUCH AS PIPE LINES, TANKS, ETC. THE PURE OIL COMPANY, Chicago, Ill.

Filed June 14, 1937. Serial No. 394,050. PUBLISHED AUGUST 2, 1938. Class 6.

361,133. MEDICATED FRUIT USABLE AS A LAXATIVE AND PURGATIVE. ZULA LEE ARNOLD, West Palm Beach, Fla.

Filed June 22, 1937. Serial No. 394,365. PUBLISHED JULY 19, 1938. Class 6.

361,134. TRAILERS. ANDREW R. SEATON, doing business as Coach Trailer Co., Los Angeles, Calif.

Filed June 28, 1937. Serial No. 394,640. PUBLISHED AUGUST 2, 1938. Class 19.

361,135. EYELASH PREPARATION. GUSTAV OETTERMANN, San Antonio, Tex.

Filed July 1, 1937. Serial No. 394,752. PUBLISHED JULY 19, 1938. Class 6.

361,136. CANNED FRUITS, VEGETABLES, BERRIES, SAUERKRAUT, AND TOMATO CATSUP. PAUL BUNYAN FOODS, INC., Seattle, Wash.

Filed August 17, 1937. Serial No. 396,490. PUBLISHED AUGUST 2, 1938. Class 46.

361,137. COFFEE, TEA, RICE, AND SPICES—NAMELY, PEPPER, PAPRIKA, ALLSPICE, GINGER, CARDAMON SEED, OREGANO, MINT LEAVES, ETC. H. BUSCH & CO. INC., New York, N. Y.

Filed August 21, 1937. Serial No. 396,628. PUBLISHED JANUARY 11, 1938. Class 46.

361,138. FURNITURE—NAMELY, BEDSTEADS, DRESSERS, CHESTS, VANITY DRESSERS, NIGHT STANDS, BENCHES, HIGH-BOYS, LOW HIGH-BOYS, MIRRORS, AND MIRROR FRAMES. STEWARTSTOWN FURNITURE COMPANY, Stewartstown, Pa.

Filed September 17, 1937. Serial No. 397,522. PUBLISHED AUGUST 2, 1938. Class 32.

361,139. READY MIXED, PASTE AND LIQUID PAINTS, VARNISHES, STAINS, AND LACQUERS ALL HAVING AN ADHESIVE MATERIAL THEREIN TO INCREASE THE ADHESIVE TENDENCY THEREOF. I. F. LAUCKS, INC., Seattle, Wash.

Filed October 5, 1937. Serial No. 398,165. PUBLISHED AUGUST 2, 1938. Class 16.

361,140. RADIO RECEIVING SETS AND PARTS THEREOF. FORD MOTOR COMPANY, Dearborn, Mich.
Filed October 13, 1937. Serial No. 398,427. PUBLISHED AUGUST 2, 1938. Class 21.

361,141. PHARMACEUTICAL PRODUCTS FOR USE IN THE RELIEF OF PAIN AND RHEUMATISM. RENÉ KROTOFF, Paris, France.
Filed October 20, 1937. Serial No. 398,728. PUBLISHED JULY 26, 1938. Class 6.

361,142. ANTI-FREEZE ALCOHOLS AND OTHER ANTI-FREEZE LIQUIDS. FORD MOTOR COMPANY, Dearborn, Mich.
Filed November 1, 1937. Serial No. 399,182. PUBLISHED AUGUST 2, 1938. Class 6.

361,143. FACE CREAM FOR USE AS A BASE TO BE APPLIED ON THE FACE BEFORE USING COSMETICS. FINK & CO. INC., New York, N. Y.
Filed November 2, 1937. Serial No. 399,226. PUBLISHED AUGUST 2, 1938. Class 6.

361,144. WRAPPING PAPER, ESPECIALLY FOR THE USE OF BUTCHERS. THE NORTHWEST PAPER COMPANY, Cloquet, Minn.
Filed November 8, 1937. Serial No. 399,469. PUBLISHED AUGUST 2, 1938. Class 37.

361,145. NONALCOHOLIC CARBONATED BEVERAGES AND EXTRACTS FOR MAKING NONALCOHOLIC CARBONATED BEVERAGES. C. O. AND W. D. SETHNESS CO., Chicago, Ill.
Filed November 15, 1937. Serial No. 399,777. PUBLISHED JANUARY 25, 1938. Class 45.

361,146. PREPARATION USED ESPECIALLY FOR THE TREATMENT OF PILES. FRANK HILL, doing business as Hill Laboratories, Carterville, Ill.
Filed November 22, 1937. Serial No. 400,010. PUBLISHED JULY 19, 1938. Class 6.

361,147. PREPARATION FOR THE TREATMENT OF PYORRHEA. J. P. WILLIAMS & SON, Lynn, Mass.
Filed November 23, 1937. Serial No. 400,075. PUBLISHED AUGUST 2, 1938. Class 6.

361,148. SHOE CLEANING FLUID, SHOE POLISH, SHAVING CREAM, WHITE SHOE CLEANING FLUID. WILLIAM WOLF, Newark, N. J.
Filed November 27, 1937. Serial No. 400,216. PUBLISHED AUGUST 2, 1938. Class 4.

361,149. MEDICAL PREPARATION FOR THE INJECTION TREATMENT OF HERNIA. PHYSICIANS & HOSPITALS SUPPLY COMPANY, INC., doing business as Ulmer Pharmacal Company, Minneapolis, Minn.
Filed November 29, 1937. Serial No. 400,249. PUBLISHED JULY 19, 1938. Class 6.

361,150. CUTLERY—NAMELY, SCISSORS, SHEARS, RAZORS, POCKET-KNIVES, TABLE-KNIVES, HUNTING-KNIVES, RAZOR-BLADES, NAIL FILES, MANICURE-INSTRUMENTS, BUTCHER-KNIVES, SUGARCANE-KNIVES, SPOONS, FORKS, PRUNING-SHEARS, CARVING-SETS, ALL OF BASE METAL. ERWIN KRUSIUS, doing business as Gebr. Krusius, Solingen, Germany.
Filed December 2, 1937. Serial No. 400,388. PUBLISHED AUGUST 2, 1938. Class 23.

361,151. WHEAT FLOUR. COMMERCIAL MILLING COMPANY, Detroit, Mich.
Filed December 9, 1937. Serial No. 400,667. PUBLISHED AUGUST 2, 1938. Class 46.

361,152. ALKALINE DETERGENTS, FILTER SOAP, LIQUID GARMENT STAIN AND SPOT REMOVERS, WET CLEANING SOAP, ETC. AMERICAN DISINFECTING CO., INC., Sedalia, Mo.
Filed December 10, 1937. Serial No. 400,676. PUBLISHED AUGUST 2, 1938. Class 4.

361,153. ALE, MILD ALE, AND PORTER. HAMPDEN BREWING COMPANY, Willimansett, Mass.
Filed December 10, 1937. Serial No. 400,692. PUBLISHED AUGUST 2, 1938. Class 48.

361,154. GENERAL TONIC AND LAXATIVE. UNITED DISTRIBUTORS, INCORPORATED, Louisville, Ky.
Filed December 13, 1937. Serial No. 400,810. PUBLISHED JULY 19, 1938. Class 6.

361,155. ORGANOTHERAPEUTIC (OPOTHERAPEUTIC) PRODUCTS IN THE FORM OF DRAGEES FOR USE AGAINST ASTHENIA, ANAEMIA, ANOREXIA, AND SIMILAR AILMENTS. FÉLIX CHARLES ROUX, Malakoff, France.
Filed December 15, 1937. Serial No. 400,879. PUBLISHED AUGUST 2, 1938. Class 6.

361,156. FILTERING MATERIALS. STAYNEW FILTER CORPORATION, Rochester, N. Y.
Filed December 15, 1937. Serial No. 400,886. PUBLISHED AUGUST 2, 1938. Class 31.

361,157. RAW POP CORN. AMERICAN POP CORN COMPANY, Sioux City, Iowa.
Filed December 18, 1937. Serial No. 401,011. PUBLISHED FEBRUARY 8, 1938. Class 46.

361,158. PIECE GOODS MADE OF SILK, RAYON, ACETATE, AND COMBINATIONS THEREOF. BARKAN SILK CO. INC., New York, N. Y.
Filed December 20, 1937. Serial No. 401,045. PUBLISHED AUGUST 2, 1938. Class 42.

361,159. CANTALOUPES AND MELONS. ALLEN F. HAND, Greenwich, N. Y.
Filed December 28, 1937. Serial No. 401,304. PUBLISHED AUGUST 2, 1938. Class 46.

361,160. ELECTRIC REFRIGERATORS. NATIONAL CO-OPERATIVES, INC., Indianapolis, Ind.
Filed December 31, 1937. Serial No. 401,445. PUBLISHED AUGUST 2, 1938. Class 31.

361,161. MOTH KILLERS AND ROACH KILLERS BOTH IN POWDER FORM. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo.
Filed January 5, 1938. Serial No. 401,580. PUBLISHED JULY 19, 1938. Class 6.

361,162. RAYON AND WOOLEN FABRICS IN THE PIECE. HERWARD FABRICS CO., New York, N. Y.
Filed January 13, 1938. Serial No. 401,863. PUBLISHED AUGUST 2, 1938. Class 42.

361,163. PREPARATION FOR KILLING RATS. WILLIS EARL SIMPSON, doing business as One-Spot Company, Elkridge, Md.
Filed January 14, 1938. Serial No. 401,909. PUBLISHED JULY 19, 1938. Class 6.

361,164. MEN'S AND BOYS' SUITS, OVERCOATS, DRESS SHIRTS, HATS, AND PAJAMAS. THE PARSONS-FAULKNER CO. INC., Ashland, Ky.
Filed January 15, 1938. Serial No. 401,944. PUBLISHED JULY 26, 1938. Class 39.

361,165. HOSIERY, UNDERWEAR, GLOVES OF LEATHER AND FABRIC, SWEATERS, BATHING SUITS, AND FLEECED SWEAT SHIRTS, POLO SHIRTS, AND SPORT COATS FOR MEN, WOMEN, AND CHILDREN. FREEDMAN & COMPANY, Harrisburg, Pa.
Filed January 22, 1938. Serial No. 402,218. PUBLISHED JULY 26, 1938. Class 39.

361,166. MEN'S AND BOYS' SUITS, OVERCOATS, TOPCOATS, RAINCOATS, SPORTCOATS, MACKINAWS, LEATHER JACKETS AND TROUSERS, HATS, SPORT SHIRTS, DRESS SHIRTS, UNDERWEAR, HANDKERCHIEFS, SOCKS, SWEATERS, NECKTIES, AND SCARFS. BOND STORES, INCORPORATED, New York, N. Y.
Filed January 28, 1938. Serial No. 402,409. PUBLISHED JULY 26, 1938. Class 39.

361,167. TESTING APPARATUS TO DETERMINE THE HEAT RESISTANCE OF MATERIALS SUCH AS ROOFING. REUBEN M. STEPHENSON, doing business as Stephenson Air Brush Painting Company, Oakland, Calif.
Filed January 29, 1938. Serial No. 402,490. PUBLISHED AUGUST 2, 1938. Class 26.

361,168. CANDY. WAYNE CANDIES, INC., Fort Wayne, Ind.
Filed February 19, 1938. Serial No. 403,228. PUBLISHED AUGUST 2, 1938. Class 46.

361,169. ELECTROPLATING APPARATUS COMPRISING RECTIFYING DEVICES AND BRUSHES. NICKEL-CHROMIUM PLATING CORPORATION, Chicago, Ill., now by change of name Portable Plating and Equipment Company, a corporation of Illinois.
Filed February 21, 1938. Serial No. 403,276. PUBLISHED AUGUST 2, 1938. Class 21.

361,170. MATERIAL IN PASTE FORM FOR APPLICATION TO THE HANDS OR TO THE IMPLEMENT USED IN PLAYING GAMES, ETC. IRVING J. SIEGAL, doing business as Sport-Grip Mfg. Co. (not inc.), Chicago, Ill.
Filed February 21, 1938. Serial No. 403,279. PUBLISHED AUGUST 2, 1938. Class 4.

361,171. WATERPROOFING COMPOSITION FOR TEXTILES. GERALD B. DYDE, Portland, Oreg.
Filed February 25, 1938. Serial No. 403,401. PUBLISHED JULY 26, 1938. Class 6.

361,172. TABLETS USED FOR THE TREATMENT OF NAUSEA, OVER-INDULGENCE, SEA-SICKNESS, AND LIKE AILMENTS. GEORGE A. DICKSON, doing business as No Vom Co., Dunsmuir, Calif.
Filed February 25, 1938. Serial No. 403,436. PUBLISHED AUGUST 2, 1938. Class 6.

361,173. PREPARATION FOR REMOVING DANDRUFF AND FOR THE TREATMENT OF ITCHING SCALP. GEORGE STATHEY REGAS, doing business as G. S. Regas Co., Chicago, Ill.
Filed February 28, 1938. Serial No. 403,522. PUBLISHED AUGUST 2, 1938. Class 6.

361,174. VOLATILE ODORANT. STANDARD OIL COMPANY OF CALIFORNIA, Wilmington, Del., and San Francisco, Calif.
Filed February 28, 1938. Serial No. 403,527. PUBLISHED JUNE 21, 1938. Class 6.

361,175. MEDICINAL PREPARATION TO BE ADDED TO THE FEED OF POULTRY TO INCREASE THE PRODUCTION OF EGGS. H. H. WOLBRUECK & COMPANY, Bartlett, Tex.
Filed February 28, 1938. Serial No. 403,531. PUBLISHED AUGUST 2, 1938. Class 6.

361,176. SHOE-LACINGS. RITE PRODUCTS, INC., New York, N. Y.
Filed March 1, 1938. Serial No. 403,562. PUBLISHED AUGUST 2, 1938. Class 40.

361,177. SMOKING TOBACCO. JOHN MIDDLETON INC., Philadelphia, Pa.
Filed March 2, 1938. Serial No. 403,600. PUBLISHED AUGUST 2, 1938. Class 17.

361,178. PREPARATION FOR THE BATH IN THE NATURE OF A WATER SOFTENER. MONROE CHEMICAL COMPANY, Quincy, Ill.
Filed March 2, 1938. Serial No. 403,605. PUBLISHED AUGUST 2, 1938. Class 6.

361,179. LUMBER CUTTING MACHINES. DE WALT PRODUCTS CORPORATION, Lancaster, Pa.
Filed March 4, 1938. Serial No. 403,679. PUBLISHED AUGUST 2, 1938. Class 23.

361,180. COMPOUND CONSISTING OF AN ORGANIC SOLUTION EXTRACTED FROM PLANTS AND VEGETABLE SEEDS TO BE USED WITH WATER FOR THE PURPOSE OF REMOVING SCALE AND IMPURITIES AND OTHER HARMFUL SUBSTANCES IN BOILERS, PIPES. AMERICAN K. A. T. CORPORATION, New York, N. Y.
Filed March 7, 1938. Serial No. 403,748. PUBLISHED JULY 19, 1938. Class 6.

361,181. CHEMICALLY UNIFORM MEDICINAL COMPOUNDS—NAMELY, HEXAMETHYLENE-TETRAMINE NITRATE OF THE FORMULA $AgC_6H_{12}N_5O_3$, COMBINING THE STRONG BACTERIAL EFFECT OF HEXAMETHYLENE TETRAMINE AND THE OXIDIZING EFFECT OF THE ALKALINE SILVER SOLUTIONS, FOR INTERNAL AND EXTERNAL ADMINISTRATION. THE DOHO CHEMICAL CORPORATION, New York, N. Y.
Filed March 7, 1938. Serial No. 403,760. PUBLISHED JULY 19, 1938. Class 6.

361,182. SALT COMPOSITION FOR USE IN CURING MEATS AND LIKE ANIMAL PRODUCTS. THE GRIFFITH LABORATORIES, INC., also doing business as Griffith Laboratories, Chicago, Ill.
Filed March 10, 1938. Serial No. 403,915. PUBLISHED AUGUST 2, 1938. Class 6.

361,183. MIRRORS. HEARN DEPARTMENT STORES, INC., New York, N. Y.
Filed March 10, 1938. Serial No. 403,917. PUBLISHED AUGUST 2, 1938. Class 32.

361,184. PROCESSED BUTTER. ROSEMARY CREAMERY, INC., Atlanta, Ga.
Filed March 11, 1938. Serial No. 403,963. PUBLISHED AUGUST 2, 1938. Class 46.

361,185. COSMETICS—NAMELY, PERFUMES, LOTIONS, POWDERS, ROUGES, CREAMS, LIPSTICKS, AND ASTRINGENTS. MICHAEL DELLA CROCE, New York, N. Y.
Filed March 11, 1938. Serial No. 404,069. PUBLISHED AUGUST 2, 1938. Class 6.

361,186. BOND PAPER. STRATHMORE PAPER COMPANY, West Springfield, Mass.
Filed March 16, 1938. Serial No. 404,139. PUBLISHED AUGUST 2, 1938. Class 37.

361,187. WOMEN'S AND MISSES' FABRIC GLOVES. GLOBE KNITTING WORKS, Grand Rapids, Mich.
Filed March 21, 1938. Serial No. 404,305. PUBLISHED JULY 26, 1938. Class 39.

361,188. OINTMENT FOR SORES, CUTS, AND WOUNDS, ECZEMA, SCROFULA, POISON IVY, BURNS INCLUDING SUNBURNS, ATHLETE'S FOOT, RINGWORM, BOILS, BRUISES, SPRAINS, SORE AND STIFF MUSCLES, STINGS, CORNS, BUNIONS, AND BURNING FEET. OWENO LABORATORIES, East Cleveland, Ohio.
Filed March 25, 1938. Serial No. 404,482. PUBLISHED JULY 19, 1938. Class 6.

361,189. WIPING CLOTHS. LETELLIER-PHILLIPS PAPER COMPANY, INC., New Orleans, La.
Filed March 28, 1938. Serial No. 404,567. PUBLISHED AUGUST 2, 1938. Class 29.

361,190. SUN-TAN LOTION AND PADS IMPREGNATED WITH SUN-TAN LOTION. ASSOCIATED DISTRIBUTORS, INC., Chicago, Ill.
Filed March 30, 1938. Serial No. 404,626. PUBLISHED JUNE 28, 1938. Class 6.

361,191. GENERAL CLEANER FOR ENAMEL STOVES, SILVERWARE, WINDOWS, MIRRORS, WOODWORK, REFRIGERATORS, BATH TUBS, AND NICKEL PLATED ARTICLES. PETE BIONDO, St. Louis, Mo.
Filed March 30, 1938. Serial No. 404,628. PUBLISHED AUGUST 2, 1938. Class 4.

361,192. PERFUMES, TOILET WATERS; FACE, BATH, AND DUSTING POWDERS; CLEANSING CREAMS, NOURISHING CREAMS, HAND LOTIONS, LIPSTICKS, BATH OILS, AND BATH SALTS. HENRI BENDL INC., New York, N. Y.
Filed March 31, 1938. Serial No. 404,683. PUBLISHED JULY 19, 1938. Class 6.

361,193. ELECTRICAL DRILL FOR USE IN THE ART OF CHIROPODY. CHIROPODY SUPPLY HEADQUARTERS, INC., Chicago, Ill.
Filed March 31, 1938. Serial No. 404,687. PUBLISHED AUGUST 2, 1938. Class 44.

361,194. PHARMACEUTICAL PREPARATION IN THE FORM OF WAFERS FOR RELIEVING INDIGESTION. GELKE LABORATORIES, INC., Indianapolis, Ind.
Filed March 31, 1938. Serial No. 404,699. PUBLISHED JULY 26, 1938. Class 6.

361,195. MEN'S AND BOYS' HATS OF FELT, STRAW, AND STRAW BRAID, CLOTH CAPS, MEN'S SILK HATS, AND FELT AND STRAW HATS FOR WOMEN AND CHILDREN. STYLEPARK HATS, INC., Camden, N. J.
Filed March 31, 1938. Serial No. 404,731. PUBLISHED JULY 26, 1938. Class 39.

361,196. PHARMACEUTICAL PRODUCTS—NAMELY, PREPARATIONS AND COMPOUNDS FOR COMBATTING OBESITY AND REDUCING BODY FAT. LUCIE CHAUVIN, Paris, France.
Filed April 1, 1938. Serial No. 404,749. PUBLISHED AUGUST 2, 1938. Class 6.

361,197. EFFERVESCENT ANTACID AND LAXATIVE PREPARATION. LAMBERT PHARMACAL COMPANY, Wilmington, Del., and St. Louis, Mo.
Filed April 4, 1938. Serial No. 404,853. PUBLISHED JULY 26, 1936. Class 6.

361,198. WOODEN SPOONS INDIVIDUALLY SEALED IN PAPER TAPES, PACKAGED WOODEN FORKS AND SPOONS. HARDWOOD PRODUCTS CO., Mayville, Mich., and Guilford, Maine.
Filed April 5, 1938. Serial No. 404,897. PUBLISHED AUGUST 2, 1938. Class 23.

361,199. CARD FORTUNE TELLING GAMES. MARGARETE WARD WINFIELD, doing business as Margarete Ward, Los Angeles, Calif.
Filed April 5, 1938. Serial No. 404,924. PUBLISHED AUGUST 2, 1938. Class 22.

361,200. SULPHUR. STAUFFER CHEMICAL COMPANY OF TEXAS, Freeport, Tex., and New York, N. Y.
Filed April 9, 1938. Serial No. 405,085. PUBLISHED JULY 19, 1938. Class 6.

361,201. LUBRICATING LAXATIVE EMULSION. LAXA PRODUCTS COMPANY, Toledo, Ohio.
Filed April 11, 1938. Serial No. 405,121. PUBLISHED JULY 19, 1938. Class 6.

361,202. BATH OIL AND COLOGNE. SWISS IMPORTING CO., INC., New York, N. Y.
Filed April 14, 1938. Serial No. 405,274. PUBLISHED JULY 19, 1938. Class 6.

361,203. PREPARATION FOR RESTORING COLOR TO THE HAIR. UNITED DISTRIBUTORS, INC., Louisville, Ky.
Filed April 15, 1938. Serial No. 405,334. PUBLISHED AUGUST 2, 1938. Class 6.

361,204. HAIR SHAMPOO. UNITED DISTRIBUTORS, INC., Louisville, Ky.
Filed April 15, 1938. Serial No. 405,335. PUBLISHED AUGUST 2, 1938. Class 6.

361,205. PHARMACEUTICAL PREPARATIONS USED IN PREPARING MINERAL BATHS FOR INDUCING SLEEP, PROMOTING CIRCULATION OF THE BLOOD, REDUCING WEIGHT, ALLEVIATING ACHES AND PAINS, INDUCING PERSPIRATION, RELAXATION, AND GENERAL TONING UP OF THE SYSTEM, ETC. OLDEN MINERALS, INCORPORATED, Los Angeles, Calif.
Filed April 18, 1938. Serial No. 405,404. PUBLISHED AUGUST 2, 1938. Class 6.

361,206. TOILET SEATS. MONARCH SANITARY PRODUCTS, INC., New York, N. Y.
Filed April 19, 1938. Serial No. 405,456. PUBLISHED AUGUST 2, 1938. Class 13.

361,207. READY MIXED PAINTS, PAINT ENAMELS, STAINS, WOOD FILLERS AND VARNISHES. THE GLIDDEN COMPANY, Cleveland, Ohio.
Filed April 20, 1938. Serial No. 405,498. PUBLISHED AUGUST 2, 1938. Class 16.

361,208. SHAMPOO. ELIZABETH GOULD, Brooklyn, N. Y.
Filed April 20, 1938. Serial No. 405,502. PUBLISHED JULY 26, 1938. Class 6.

361,209. DRAIN PIPE CLEANER. JOHN SUNSHINE CHEMICAL CO., INC., Chicago, Ill.
Filed April 22, 1938. Serial No. 405,624. PUBLISHED AUGUST 2, 1938. Class 6.

361,210. BELTS FOR OUTER WEAR, SWEATERS, SPORT SUITS, AND JACKETS FOR WOMEN AND CHILDREN. WINIFRED A. TOWHILL, Melrose, Mass.
Filed April 22, 1938. Serial No. 405,625. PUBLISHED JULY 26, 1938. Class 39.

361,211. CLEANSING, DEODORIZING, AND FUMIGATING PREPARATION. ARWELL, INC., Waukegan, Ill.
Filed April 23, 1938. Serial No. 405,628. PUBLISHED AUGUST 2, 1938. Class 6.

361,212. TOILET SETS COMPRISING ARTICLES BACKED WITH PLASTIC MATERIAL, CONSISTING OF NAIL FILES, COMBS, BRUSHES, MIRRORS, AND CONTAINERS FOR SOAP AND COSMETICS. ROBERT HERRMANN, doing business as Heinrich Hermann & Weiss, New York, N. Y.
Filed April 27, 1938. Serial No. 405,774. PUBLISHED AUGUST 2, 1938. Class 40.

361,213. BITTERS FOR USE AS A STOMACHIC CARMINATIVE, MILD LAXATIVE, APPETIZER, AND DIURETIC. STANLEY NOLAN, doing business as Wanda Laboratories, Cleveland, Ohio.
Filed April 28, 1938. Serial No. 405,818. PUBLISHED JULY 19, 1938. Class 6.

361,214. VITAMIN C PREPARATION OF CEVITAMIC ACID FOR PARENTERAL USE. ABBOTT LABORATORIES, North Chicago, Ill.
Filed April 30, 1938. Serial No. 405,868. PUBLISHED JULY 26, 1938. Class 6.

361,215. PREPARATION FOR KILLING BED BUGS. B. HELLER & COMPANY, Chicago, Ill.
Filed April 30, 1938. Serial No. 405,878. PUBLISHED JULY 26, 1938. Class 6.

361,216. LADIES', MISSES', AND CHILDREN'S HATS. GERALDINE HAT CO., INC., New York, N. Y.
Filed May 2, 1938. Serial No. 405,925. PUBLISHED JULY 26, 1938. Class 39.

361,217. HIGH BOILING OILY ESTERS, SUCH AS AMYL PHTHALATE, AMYL SEBACATE, AND THE LIKE. EASTMAN KODAK COMPANY, Jersey City, N. J., and Rochester, N. Y., assignor to Distillation Products, Inc., a corporation of Delaware.
Filed May 5, 1938. Serial No. 406,019. PUBLISHED JULY 26, 1938. Class 6.

361,218. WOMEN'S SHOES OF LEATHER, FABRIC, AND FOR COMBINATIONS OF THE SAME. WILLIAM N. SITTON, St. Louis, Mo.
Filed May 5, 1938. Serial No. 406,039. PUBLISHED JULY 26, 1938. Class 39.

361,219. DRAIN PIPE CLEANER IN CRYSTAL FORM. BRAY CHEMICAL CO., Chicago, Ill.
Filed May 6, 1938. Serial No. 406,046. PUBLISHED JULY 19, 1938. Class 6.

361,220. MEDICAL PREPARATION FOR THE TREATMENT OF INDIGESTION, RHEUMATISM, ARTHRITIS, NEURITIS, HEADACHE, BAD BREATH, AND ACID STOMACH. DAVID R. C. DEVINE, Philadelphia, Pa.
Filed May 6, 1938. Serial No. 406,049. PUBLISHED JULY 26, 1938. Class 6.

361,221. COMPOUND FOR ENRICHING GASOLINE. THE CARBONIL COMPANY, Oakdale, Pa.
Filed May 7, 1938. Serial No. 406,080. PUBLISHED JULY 19, 1938. Class 6.

361,222. SLIDE FASTENERS. CROWN FASTENER CORPORATION, Wilmington, Del. and New York, N. Y.
Filed May 7, 1938. Serial No. 406,092. PUBLISHED AUGUST 2, 1938. Class 13.

361,223. SHAMPOO. PARAGON DISTRIBUTING CORP., New York, N. Y.
Filed May 7, 1938. Serial No. 406,098. PUBLISHED AUGUST 2, 1938. Class 6.

361,224. VAGINAL ANTISEPTIC. SCOTT & BOWNE, Bloomfield, N. J.
Filed May 7, 1938. Serial No. 406,103. PUBLISHED JULY 26, 1938. Class 6.

361,225. CASH REGISTERS, CREDIT REGISTERS, AUTOGRAPHIC REGISTERS; MACHINES OF FLEXIBLE DESIGN HAVING ONE OR MORE POSSIBLE FUNCTIONS OF TICKET PRINTING, ISSUING, RECORDING, AND REGISTERING; ACCOUNTING MACHINES, ETC. THE NATIONAL CASH REGISTER COMPANY, Dayton, Ohio.
Filed May 9, 1938. Serial No. 406,144. PUBLISHED AUGUST 2, 1938. Class 26.

361,226. PREPARATION FOR TREATING ECZEMA, RINGWORM, ATHLETE'S FOOT, OPEN CUTS AND WOUNDS. INA GROSS, doing business as Gross Medications, Rome, Ga.
Filed May 12, 1938. Serial No. 406,253. PUBLISHED JULY 19, 1938. Class 6.

361,227. MACHINERY, COMPRISING AN INTERCONNECTED ORGANIZATION OF JOURNAL BOX WASTE WASHING AND RECLAIMING MECHANISMS, FILTERS, OIL STILLS, OIL RECEIVING TANKS, AND INTERCONNECTING FITTINGS, ALL UTILIZED IN A UNITARY SYSTEM OF RECLAIMING AND RE-OILING USED JOURNAL BOX WASTE. JOURNAL BOX SERVICING CORPORATION, Indianapolis, Ind.
Filed May 12, 1938. Serial No. 406,255. PUBLISHED AUGUST 2, 1938. Class 23.

361,228. TOOTH PASTE. LAMBERT PHARMACAL COMPANY, Wilmington, Del.
Filed May 12, 1938. Serial No. 406,256. PUBLISHED AUGUST 2, 1938. Class 6.

361,229. PROTECTIVE NAIL COATING AND A NAIL ENAMEL. MRS. R. E. DRANNON, also doing business as Jean Norris Laboratories, Los Angeles, Calif.
Filed May 13, 1938. Serial No. 406,282. PUBLISHED JULY 26, 1938. Class 6.

361,230. PRE-FABRICATED AIR-CONVEYING DUCTS, FURNACE CASINGS AND ELBOW AND T FITTINGS FOR AIR HEATING AND CONDITIONING APPARATUS. LAMNECK PRODUCTS INC., Columbus, Ohio.
Filed May 13, 1938. Serial No. 406,296. PUBLISHED AUGUST 2, 1938. Class 34.

361,231. SHOES MADE OF LEATHER, FABRIC, RUBBER, AND COMBINATIONS THEREOF. WILLITS SHOE COMPANY, Halifax, Pa.
Filed May 13, 1938. Serial No. 406,317. PUBLISHED JULY 26, 1938. Class 39.

361,232. SWEAT BANDS OR HEAD BANDS. AMERICAN ALLSAFE COMPANY, INC., Buffalo, N. Y.
Filed May 14, 1938. Serial No. 406,322. PUBLISHED AUGUST 2, 1938. Class 40.

361,233. MEDICAMENT PREPARED FOR OTOLOGICAL AND NASOPHARYNGEAL PRACTICE. ADOLPHE HURST & CO. INC., New York, N. Y.
Filed May 14, 1938. Serial No. 406,338. PUBLISHED JULY 26, 1938. Class 6.

361,234. COMPOSITIONS EMPLOYED IN PHOTOGRAPHIC PICTORIAL CONTROL. PAUL H. JAMIESON, doing business as Jamieson Products Co., Redondo Beach, Calif.
Filed May 14, 1938. Serial No. 406,340. PUBLISHED JULY 26, 1938. Class 6.

361,235. VITAMIN CAPSULES CONSISTING OF COD LIVER OIL CONCENTRATE. WEBB LABORATORIES, INC., Schenectady, N. Y.
Filed May 14, 1938. Serial No. 406,359. PUBLISHED AUGUST 2, 1938. Class 6.

361,236. FROZEN CONFECTIONS. JOE LOWE CORPORATION, New York, N. Y.
Filed May 16, 1938. Serial No. 406,395. PUBLISHED AUGUST 2, 1938. Class 46.

361,237. INSECTICIDES. THE WESTERFIELD PHARMACAL CO., doing business as Extermital Chemical Company, Dayton, Ohio.
Filed May 16, 1938. Serial No. 406,407. PUBLISHED JULY 26, 1938. Class 6.

361,238. POWDER FOR HEADACHE, NEURALGIA, HEAD COLDS, MUSCULAR ACHES AND PAINS AND FOR REDUCING FEVER. FRANK S. SANDERS, doing business as Sanders Laboratories, West Palm Beach, Fla.
Filed May 18, 1938. Serial No. 406,469. PUBLISHED AUGUST 2, 1938. Class 6.

361,239. MEDICINAL PREPARATION CONTAINING COLLOIDAL METALLIC SILVER IN AQUEOUS SUSPENSION FOR TREATMENT OF INFLAMMATORY CONDITION OF THE MUCOUS MEMBRANES, OF THE EYE, NOSE, THROAT AND THE LIKE. CROOKES LABORATORIES, INCORPORATED, New York, N. Y.
Filed May 19, 1938. Serial No. 406,503. PUBLISHED AUGUST 2, 1938. Class 6.

361,240. COTTON SHEETS AND PILLOW CASES, COTTON SHEETING AND PILLOW CASE TUBING, AND COTTON BEDSPREADS. JAMES G. HARDY, doing business as James G. Hardy & Co., New York, N. Y.
Filed May 19, 1938. Serial No. 406 511. PUBLISHED AUGUST 2, 1938. Class 42.

361,241. PERFUME. LONDON HOUSE, LTD, New York, N. Y.
Filed May 19, 1938. Serial No. 406,518. PUBLISHED JULY 26, 1938. Class 6.

361,242. PREPARATION FOR THE TREATMENT OF STREPTOCOCCUS INFECTIONS. SOCIETE ANONYME CHIMIE & ATOMISTIQUE, Paris, France.
Filed May 19, 1938. Serial No. 406,529. PUBLISHED AUGUST 2, 1938. Class 6.

361,243. PREPARATION FOR THE RELIEF OF CERTAIN SKIN IRRITATIONS, SUCH AS ACNE, ROSACEA, PSORIASIS, ECZEMA. SULFOR-EX COMPANY, INC., New York, N. Y.
Filed May 19, 1938. Serial No. 406,533. PUBLISHED JULY 19, 1938. Class 6.

361,244. AUTOMOBILE SEAT COVERS. VATCO MFG. CO., Boston, Mass.
Filed May 19, 1938. Serial No. 406,536. PUBLISHED AUGUST 2, 1938. Class 19.

361,245. AUTOMOBILE CLEANING AND POLISHING PREPARATIONS. CHESTER J. STFBENNE, Denver, Colo.
Filed May 19, 1938. Serial No. 406,540. PUBLISHED AUGUST 2, 1938. Class 16.

361,246. CELLULOSIC TRANSPARENT OR TRANSLUCENT WRAPPING AND PACKAGING MATERIAL. CELLULOID CORPORATION, Newark, N. J.
Filed May 20, 1938. Serial No. 406,548. PUBLISHED AUGUST 2, 1938. Class 37.

361,247. MEDICATED OILS FOR THE TREATMENT OF DANDRUFF, ACNE, PILES, ATHLETE'S FOOT, ARTHRITIS AND RHEUMATISM, AND PYORRHEA; AND COSMETICS—NAMELY, PERFUMES, TOILET WATER, FACE POWDER, SACHET, LIPSTICK, ROUGE, FACE CREAM, AND CLEANSING CREAM. COAST CHEMICAL COMPANY, INC., Los Angeles, Calif.
Filed May 20, 1938. Serial No. 406,549. PUBLISHED JULY 26, 1938. Class 6.

361,248. COTTON SUITINGS IN THE PIECE. J. L. STIFEL & SONS, INC., Wheeling, W. Va.
Filed May 20, 1938. Serial No. 406,570. PUBLISHED AUGUST 2, 1938. Class 42.

361,249. PYROXYLIN OR OTHERWISE COATED FABRICS—NAMELY, LEATHER CLOTH. ATLAS POWDER COMPANY, Wilmington, Del.
Filed May 21, 1938. Serial No. 406,575. PUBLISHED AUGUST 2, 1938. Class 50.

361,250. PAINT SOLVENTS, PAINT REDUCERS, AND PAINT EXTENDERS. THE MARTIN-SENOUR CO., Cleveland, Ohio.
Filed May 21, 1938. Serial No. 406,591. PUBLISHED AUGUST 2, 1938. Class 16.

361,251. PREPARATION FOR RELIEVING THE DISCOMFORTS OF SIMPLE BURNS, SUNBURNS, ETC. ESTHER JAFFE, Brooklyn, N. Y.
Filed May 20, 1938. Serial No. 406,620. PUBLISHED JULY 26, 1938. Class 6.

361,252. FACE POWDERS. CHARLES ORDEL, doing business as Cosmetic Laboratories, South Beach, N. Y.
Filed May 23, 1938. Serial No. 406,652. PUBLISHED JULY 26, 1938. Class 6.

361,253. LEATHER GLOVES. BUSCARLET GLOVE CO. INC., New York, N. Y.
Filed May 24, 1938. Serial No. 406,676. PUBLISHED JULY 26, 1938. Class 39.

361,254. (WITHDRAWN.)

361,255. SYNTHETIC RUBBER AND RUBBER-LIKE MATERIALS. I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-the-Main, Germany.
Filed May 25, 1938. Serial No. 406,718. PUBLISHED AUGUST 2, 1938. Class 1.

361,256. TONIC FOR THE HAIR AND SCALP. ANTHONY EUSTACE LAVETT, doing business as Marvolene Company, Los Angeles, Calif.
Filed May 25, 1938. Serial No. 406,723. PUBLISHED AUGUST 2, 1938. Class 6.

361,257. NOODLES. PACIFIC TRADING COMPANY, San Francisco, Calif.
Filed May 25, 1938. Serial No. 406,727. PUBLISHED AUGUST 2, 1938. Class 46.

361,258. SHEETS OR SLABS OF VULCANIZED SPONGE RUBBER FOR USE IN VIBRATION DAMPENING MOUNTINGS. UNITED STATES RUBBER PRODUCTS, INC., New York, N. Y.
Filed May 25, 1938. Serial No. 406,740. PUBLISHED AUGUST 2, 1938. Class 1.

361,259. MEDICINE FOR TREATMENT OF DIABETES. TOM S. WOOD, doing business as C. W. Prescription Laboratories, Fort Worth, Tex.
Filed May 25, 1938. Serial No. 406,741. PUBLISHED AUGUST 2, 1938. Class 6.

361,260. EGGS. ELWIN C. SAMPLE, Lakeland, Fla.
Filed May 26, 1938. Serial No. 406,776. PUBLISHED AUGUST 2, 1938. Class 46.

361,261. LEAD DIMETHYLDITHIOCARBAMATE TO BE ACTIVATED WITH LITHARGE AND USED AS AN ULTRA ACCELERATOR IN THE MANUFACTURE OF RUBBER PRODUCTS. R. T. VANDERBILT COMPANY, INC., New York, N. Y.
Filed May 26, 1938. Serial No. 406,789. PUBLISHED AUGUST 2, 1938. Class 6.

361,262. OLIVE OIL. DE SIMONE BROS. INC., Brooklyn, N. Y.
Filed May 27, 1938. Serial No. 406,797. PUBLISHED AUGUST 2, 1938. Class 46.

361,263. COMPOUND CONTAINING PANCREATIC AND/OR VEGETABLE PROTEOLYTIC ENZYMES FOR USE IN BAITING SKINS OR HIDES IN THE LEATHER INDUSTRY. JACQUES WOLF & CO., Clifton, N. J.
Filed May 27, 1938. Serial No. 406,845. PUBLISHED JULY 19, 1938. Class 6.

361,264. CANNED FRUITS, CANNED VEGETABLES, AND CANNED FRUIT JUICES FOR FOOD PURPOSES. ARLINGTON PACKING CORPORATION, Arlington, Calif.
Filed May 28, 1938. Serial No. 406,854. PUBLISHED AUGUST 2, 1938. Class 46.

361,265. COATED TEXTILE FABRICS. COTAN CORPORATION, Wilmington, Del.
Filed May 28, 1938. Serial No. 406,857. PUBLISHED AUGUST 2, 1938. Class 50.

361,266. THIN BOILING STARCH. A. E. STALEY MANUFACTURING COMPANY, Decatur, Ill.
Filed May 28, 1938. Serial No. 406,888. PUBLISHED AUGUST 2, 1938. Class 6.

361,267. SMOKING AND CHEWING TOBACCO. RICHARD R. TOBIN, doing business as R. R. Tobin Tobacco Co., Detroit, Mich.
Filed May 31, 1938. Serial No. 406,900. PUBLISHED AUGUST 2, 1938. Class 17.

361,268. HAIR RINSE. LOUIS H. BARTMAN, doing business as Louis Laboratory, New York, N. Y.
Filed May 31, 1938. Serial No. 406,901. PUBLISHED JULY 19, 1938. Class 6.

361,269. SMOKING AND CHEWING TOBACCO. THE BLOCH BROTHERS TOBACCO CO., Wheeling, W. Va.
Filed May 31, 1938. Serial No. 406,904. PUBLISHED AUGUST 2, 1938. Class 17.

361,270. SMOKING AND CHEWING TOBACCO. THE BLOCH BROTHERS TOBACCO CO., Wheeling, W. Va.
Filed May 31, 1938. Serial No. 406,905. PUBLISHED AUGUST 2, 1938. Class 17.

361,271. SMOKING AND CHEWING TOBACCO. THE BLOCH BROTHERS TOBACCO CO., Wheeling, W. Va.
Filed May 31, 1938. Serial No. 406,906. PUBLISHED AUGUST 2, 1938. Class 17.

361,272. SMOKING AND CHEWING TOBACCO. THE BLOCH BROTHERS TOBACCO CO., Wheeling, W. Va.
Filed May 31, 1938. Serial No. 406,907. PUBLISHED AUGUST 2, 1938. Class 17.

361,273. SMOKING AND CHEWING TOBACCO. THE BLOCH BROTHERS TOBACCO CO., Wheeling, W. Va.
Filed May 31, 1938. Serial No. 406,908. PUBLISHED AUGUST 2, 1938. Class 17.

361,274. SMOKING AND CHEWING TOBACCO. THE BLOCH BROTHERS TOBACCO CO., Wheeling, W. Va.
Filed May 31, 1938. Serial No. 406,910. PUBLISHED AUGUST 2, 1938. Class 17.

361,275. PRINTING PAPER, AND ESPECIALLY UNCOATED PRINTING PAPER, AND BOND PAPER. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio.
Filed May 31, 1938. Serial No. 406,915. PUBLISHED AUGUST 2, 1938. Class 37.

361,276. PRINTING PAPER, AND ESPECIALLY UNCOATED PRINTING PAPER. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio.
Filed May 31, 1938. Serial No. 406,916. PUBLISHED AUGUST 2, 1938. Class 37.

361,277. BLANKS AND BOARDS FOR PRINTING PURPOSES. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio.
Filed May 31, 1938. Serial No. 406,917. PUBLISHED AUGUST 2, 1938. Class 37.

361,278. PRINTING PAPER, AND ESPECIALLY UNCOATED PRINTING PAPER. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio.
Filed May 31, 1938. Serial No. 406,918. PUBLISHED AUGUST 2, 1938. Class 37.

361,279. PRINTING PAPER, AND ESPECIALLY UNCOATED PRINTING PAPER. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio.
Filed May 31, 1938. Serial No. 406,919. PUBLISHED AUGUST 2, 1938. Class 37.

361,280. NEUTRALIZING AGENT USED FOR NEUTRALIZING ALKALINITY. PATEK & CO., San Francisco, Calif.
Filed May 31, 1938. Serial No. 406,938. PUBLISHED AUGUST 2, 1938. Class 6.

361,281. HONEY. SIOUX HONEY ASSOCIATION, COOPERATIVE, doing business as Western Honey Producers, Sioux City, Iowa.
Filed May 31, 1938. Serial No. 406,948. PUBLISHED AUGUST 2, 1938. Class 46.

361,282. COMPOUND FOR THE TREATMENT OF GASTRO-INTESTINAL DISTURBANCES. THOMAS & WALTERS, INCORPORATED, Los Angeles, Calif.
Filed May 31, 1938. Serial No. 406,951. PUBLISHED AUGUST 2, 1938. Class 6.

361,283. PLIERS AND HAMMERS. THE BILLINGS & SPENCER COMPANY, Hartford, Conn.
Filed June 1, 1938. Serial No. 406,956. PUBLISHED AUGUST 2, 1938. Class 23.

361,284. MACHINES OR APPARATUS FOR MIXING AND APPLYING PLASTIC AND ADHESIVE MATERIALS TO STRUCTURES OR OTHER SURFACES, AND PARTS OF SUCH MACHINES. CEMENT GUN COMPANY, Allentown, Pa.
Filed June 1, 1938. Serial No. 406,958. PUBLISHED AUGUST 2, 1938. Class 23.

361,285. CANNED GOODS—NAMELY, SALMON, MACKEREL, VEGETABLE SOUP, TOMATO SOUP, PEAS, CORN, ASPARAGUS, CARROTS, TOMATOES, TOMATO JUICE, BEANS WITH PORK, LIMA BEANS, GREEN BEANS, SPAGHETTI, HOMINY, ETC. COLLINS-DIETZ-MORRIS COMPANY, Oklahoma City, Okla.
Filed June 1, 1938. Serial No. 406,960. PUBLISHED AUGUST 2, 1938. Class 46.

361,286. INSECTICIDES AND FUNGICIDES. GENERAL CHEMICAL COMPANY, New York, N. Y.
Filed June 1, 1938. Serial No. 406,969. PUBLISHED AUGUST 2, 1938. Class 6.

361,287. ELECTRIC FLAT-IRON. SAMSON-UNITED CORPORATION, Rochester, N. Y.
Filed June 1, 1938. Serial No. 406,990. PUBLISHED AUGUST 2, 1938. Class 21.

361,288. PREPARATION USED IN THE TREATMENT OF ANGINA PECTORIS. VINCENT CHRISTINA, INC., New York, N. Y.
Filed June 2, 1938. Serial No. 407,008. PUBLISHED JULY 19, 1938. Class 6.

361,289. PREPARATION USED IN THE TREATMENT OF ARTHRITIS. VINCENT CHRISTINA, INC., New York, N. Y.
Filed June 2, 1938. Serial No. 407,009. PUBLISHED JULY 19, 1938. Class 6.

361,290. PREPARATION USED IN THE TREATMENT OF GONORRHEA. VINCENT CHRISTINA, INC., New York, N. Y.
Filed June 2, 1938. Serial No. 407,010. PUBLISHED JULY 19, 1938. Class 6.

361,291. PREPARATION USED IN THE TREATMENT OF HYPERTENSION. VINCENT CHRISTINA, INC., New York, N. Y.
Filed June 2, 1938. Serial No. 407,011. PUBLISHED JULY 19, 1938. Class 6.

361,292. PREPARATIONS USED IN THE TREATMENT OF PNEUMONIA. VINCENT CHRISTINA, INC., New York, N. Y.
Filed June 2, 1938. Serial No. 407,013. PUBLISHED JULY 19, 1938. Class 6.

361,293. PREPARATION USED AS A SEDATIVE. VINCENT CHRISTINA, INC., New York, N. Y.
Filed June 2, 1938. Serial No. 407,015. PUBLISHED JULY 19, 1938. Class 6.

361,294. CAKES. CARL EGARD SEAGREN, New York, N. Y.
Filed June 2, 1938. Serial No. 407,035. PUBLISHED AUGUST 2, 1938. Class 46.

361,295. CAKES. CARL EGARD SEAGREN, New York, N. Y.
Filed June 2, 1938. Serial No. 407,036. PUBLISHED AUGUST 2, 1938. Class 46.

361,296. MINERAL OIL. JOHN HENRY MILLER, INC., New York, N. Y.
Filed June 3, 1938. Serial No. 407,070. PUBLISHED JULY 26, 1938. Class 6.

361,297. ICE SKATES AND SKATE OUTFITS, THE LATTER CONSISTING OF ATTACHED SHOES AND SKATES. NESTOR JOHNSON MANUFACTURING COMPANY, Chicago, Ill.
Filed June 3, 1938. Serial No. 407,071. PUBLISHED AUGUST 2, 1938. Class 22.

361,298. RADIO RECEIVING SETS AND COMPONENT PARTS. DETROLA CORPORATION, Detroit, Mich.
Filed June 4, 1938. Serial No. 407,090. PUBLISHED AUGUST 2, 1938. Class 21.

361,299. RADIO RECEIVING SETS AND COMPONENT PARTS. DETROLA CORPORATION, Detroit, Mich.
Filed June 4, 1938. Serial No. 407,091. PUBLISHED AUGUST 2, 1938. Class 21.

361,300. RADIO RECEIVING SETS AND COMPONENT PARTS. DETROLA CORPORATION, Detroit, Mich.
Filed June 4, 1938. Serial No. 407,092. PUBLISHED AUGUST 2, 1938. Class 21.

361,301. TOOTH POWDER. LOUIS FRIED, doing business as Wm. P. Marion Co., Brooklyn, N. Y.
Filed June 4, 1938. Serial No. 407,098. PUBLISHED JULY 19, 1938. Class 6.

361,302. TOOLS FOR COMPRESSING A CONNECTOR ON A CABLE. BURNDY ENGINEERING COMPANY, INC., New York, N. Y.
Filed June 6, 1938. Serial No. 407,126. PUBLISHED AUGUST 2, 1938. Class 23.

361,303. DRAIN OPENER AND TOILET BOWL CLEANSER. PUREX CORPORATION, LTD., South Gate, Calif.
Filed June 6, 1938. Serial No. 407,159. PUBLISHED JULY 26, 1938. Class 6.

361,304. FUNGICIDES. GENERAL CHEMICAL COMPANY, New York, N. Y.
Filed June 7, 1938. Serial No. 407,186. PUBLISHED JULY 19, 1938. Class 6.

361,305. PREPARATION FOR ALLERGY-NEOPLASIA-INFECTIONS. WM. F. KOCH, doing business as Koch Laboratories, Detroit, Mich.
Filed June 7, 1938. Serial No. 407,188. PUBLISHED JULY 26, 1938. Class 6.

361,306. VEGETABLE SHORTENING. THE CAPITAL CITY PRODUCTS COMPANY, Columbus, Ohio.
Filed June 8, 1938. Serial No. 407,216. PUBLISHED AUGUST 2, 1938. Class 46.

361,307. COTTON AND RAYON PIECE GOODS. M. LOWENSTEIN & SONS, INC., New York, N. Y.
Filed June 8, 1938. Serial No. 407,232. PUBLISHED AUGUST 2, 1938. Class 42.

361,308. PHARMACEUTICAL PREPARATION COMPRISING A SOOTHING LOTION FOR CERTAIN AFFECTIONS OF THE SKIN. THE MASSENGILL SPECIALTIES CORPORATION, Bristol, Tenn.
Filed June 8, 1938. Serial No. 407,235. PUBLISHED JULY 26, 1938. Class 6.

361,309. MEDICINAL PREPARATION USED AS A BLOOD ANTI-COAGULANT. ROCHE-ORGANON, INC., Nutley, N. J.
Filed June 8, 1938. Serial No. 407,249. PUBLISHED JULY 26, 1938. Class 6.

361,310. WHISKEY. PARAMOUNT DISTILLING CORPORATION, Chicago, Ill.
Filed June 9, 1938. Serial No. 407,279. PUBLISHED AUGUST 2, 1938. Class 49.

361,311. SPUN RAYON AND WOOL BLEND FABRIC PIECE GOODS MADE OF 10/1 SPUN RAYON AND 10% WOOL IN BOTH WARP AND FILLING. CANTOR GREENSPAN CO., INCORPORATED, New York, N. Y.
Filed June 10, 1938. Serial No. 407,300. PUBLISHED AUGUST 2, 1938. Class 42.

361,312. SPUN RAYON FLAKE FABRIC PIECE GOODS MADE OF 14/1 SPUN RAYON FLAKE IN BOTH WARP AND FILLING. CANTOR GREENSPAN CO., INCORPORATED, New York, N. Y.
Filed June 10, 1938. Serial No. 407,301. PUBLISHED AUGUST 2, 1938. Class 42.

361,313. TIRE CASINGS FOR PNEUMATIC TIRES. CORDUROY RUBBER COMPANY, Grand Rapids, Mich.
Filed June 10, 1938. Serial No. 407,307. PUBLISHED AUGUST 2, 1938. Class 35.

361,314. TEXTILE FABRICS IN THE PIECE MADE OF SILK AND RAYON AND MIXTURES THEREOF; NOT INCLUDING COTTON FABRICS. DUPLAN SILK CORPORATION, New York, N. Y.
Filed June 10, 1938. Serial No. 407,309. PUBLISHED AUGUST 2, 1938. Class 42.

361,315. BLANKETS. T. F. GIBBONEY CO. INC., Reedsville, Pa.
Filed June 10, 1938. Serial No. 407,312. PUBLISHED AUGUST 2, 1938. Class 42.

361,316. LINIMENT AND SALVE FOR TREATING PSORIASIS AND IRRITATIONS OF THE SKIN. ROY ZIMMERMAN, doing business as The Zimarva Co., Compton, Calif.
Filed June 10, 1938. Serial No. 407,349. PUBLISHED AUGUST 2, 1938. Class 6.

361,317. COSMETICS AND BEAUTY PREPARATIONS—NAMELY, HERBAL LOTION, SKIN TONIC, FOUNDATION CREAM, HERBAL OIL, ETC. JACQUELINE COCHRAN, Chicago, Ill., and Roselle, N. J.
Filed June 11, 1938. Serial No. 407,363. PUBLISHED JULY 19, 1938. Class 6.

361,318. PIECE GOODS MADE FROM COMBINATIONS OF MOHAIR, COTTON, WOOL, ALPACA, CAMEL HAIR, SILK, AND ARTIFICIAL SILK; ALSO WOOLEN, COTTON, MOHAIR, AND PLUSH PIECE GOODS. COMINS & CO. INC., Rochdale, Mass.
Filed June 11, 1938. Serial No. 407,366. PUBLISHED AUGUST 2, 1938. Class 42.

361,319. VEHICLE TIRES MADE WHOLLY OR PARTLY OF RUBBER. THE FISK RUBBER CORPORATION, Chicopee Falls, Mass.
Filed June 11, 1938. Serial No. 407,371. PUBLISHED AUGUST 2, 1938. Class 35.

361,320. COTTON PIECE GOODS. WAMSUTTA MILLS, New Bedford, Mass.
Filed June 11, 1938. Serial No. 407,403. PUBLISHED AUGUST 2, 1938. Class 42.

361,321. WHISKEY. WILSON DISTILLING CO. INC., Bristol, Pa.
Filed June 11, 1938. Serial No. 407,406. PUBLISHED AUGUST 2, 1938. Class 49.

361,322. WHISKEY. WILSON DISTILLING CO. INC., Bristol, Pa.
Filed June 11, 1938. Serial No. 407,407. PUBLISHED AUGUST 2, 1938. Class 49.

361,323. PLAYING CARDS. C. J. AULICK, Los Angeles, Calif.
Filed June 13, 1938. Serial No. 407,412. PUBLISHED AUGUST 2, 1938. Class 22.

361,324. SHAMPOO. CHESEBROUGH MANUFACTURING COMPANY, CONSOLIDATED, New York, N. Y.
Filed June 13, 1938. Serial No. 407,423. PUBLISHED JULY 19, 1938. Class 6.

361,325. PHARMACEUTICAL PREPARATIONS FOR PREPARING MINERAL BATHS, FOR CLEANSING AND OPENING THE PORES OF THE SKIN, STIMULATING CIRCULATION AND REMOVING EXCESS WEIGHT. OLDEN MINERALS, INCORPORATED, Los Angeles, Calif.
Filed June 14, 1938. Serial No. 407,467. PUBLISHED JULY 26, 1938. Class 6.

361,326. PERFUME. BOURJOIS, INC., New York, N. Y.
Filed June 15, 1938. Serial No. 407,488. PUBLISHED JULY 26, 1938. Class 6.

361,327. MATTRESSES AND BOX SPRINGS. CHITTENDEN & EASTMAN COMPANY, Burlington, Iowa.
Filed June 16, 1938. Serial No. 407,536. PUBLISHED AUGUST 2, 1938. Class 32.

361,328. FURNITURE SLIP COVERS. QUALITY SALES COMPANY, doing business as Roley Poley Manufacturing Company, Chicago, Ill.
Filed June 16, 1938. Serial No. 407,558. PUBLISHED AUGUST 2, 1938. Class 32.

361,329. WATER SOLUBLE RESINOUS MATERIALS USEFUL FOR SIZING OR FINISHING TEXTILES AND PAPER AND AS THICKENING AGENTS FOR AQUEOUS DISPERSIONS. RÖHM & HAAS COMPANY, Philadelphia, Pa.
Filed June 16, 1938. Serial No. 407,562. PUBLISHED JULY 26, 1938. Class 6.

361,330. EDUCATIONAL TOY KITS. ZENDICO HYGINE PRODUCTS COMPANY, New York, N. Y.
Filed June 16, 1938. Serial No. 407,572. PUBLISHED AUGUST 2, 1938. Class 22.

361,331. DOLLS, STUFFED TOYS, BOARD-GAMES, DOLL CARRIAGES, DOLL CLOTHES, CUT-OUT PAPER FIGURES. L. RAY FOWLER, New York, N. Y.
Filed June 17, 1938. Serial No. 407,588. PUBLISHED AUGUST 2, 1938. Class 22.

361,332. DOLLS, STUFFED TOYS, BOARD-GAMES, DOLL CARRIAGES, DOLL CLOTHES, AND CUT-OUT PAPER FIGURES. L. RAY FOWLER, New York, N. Y.
Filed June 17, 1938. Serial No. 407,589. PUBLISHED AUGUST 2, 1938. Class 22.

361,333. RAT POISON. MILO F. MILLER, doing business as The Gas-Gun Mfg. Co., Kansas City, Mo.
Filed June 17, 1938. Serial No. 407,600. PUBLISHED JULY 26, 1938. Class 6.

361,334. MIRRORS. THE ELIAS GLASS COMPANY, Hartford, Conn.
Filed June 20, 1938. Serial No. 407,667. PUBLISHED AUGUST 2, 1938. Class 32.

361,335. BOARD GAME PLAYED WITH PIECES. ANGELO SAMUEL MORREALE, Los Angeles, Calif.
Filed June 20, 1938. Serial No. 407,679. PUBLISHED AUGUST 2, 1938. Class 22.

361,336. MEDICINAL SOLUTION FOR DARKENING GRAY AND FADING HAIR. S. PFEIFFER MFG. CO., doing business as Heinrich Pharmacal Co., St. Louis, Mo.
Filed June 20, 1938. Serial No. 407,685. PUBLISHED JULY 26, 1938. Class 6.

361,337. PREPARATION FOR RELIEF OF PILES. POLSTRAY CO., INC., New York, N. Y.
Filed June 20, 1938. Serial No. 407,686. PUBLISHED JULY 26, 1938. Class 6.

361,338. PISTON RINGS. SEALED POWER CORPORATION, Muskegon, Mich.
Filed June 20, 1938. Serial No. 407,693. PUBLISHED AUGUST 2, 1938. Class 35.

361,339. GOLF BALLS. ACUSHNET PROCESS COMPANY, Acushnet, Mass.
Filed June 21, 1938. Serial No. 407,707. PUBLISHED AUGUST 2, 1938. Class 22.

361,340. GOLF BALLS. ACUSHNET PROCESS COMPANY, Acushnet, Mass.
Filed June 21, 1938. Serial No. 407,708. PUBLISHED AUGUST 2, 1938. Class 22.

361,341. CARDS WHICH ARE USED IN THE PLAYING OF A GAME IN THE NATURE OF LOTTO WHERE ANSWERS TO CERTAIN QUESTIONS ARE SUBSTITUTED FOR THE NUMBERS WHICH APPEAR ON LOTTO CARDS. QUALITY PREMIUM DISTRIBUTORS, INCORPORATED, Philadelphia, Pa.
Filed June 23, 1938. Serial No. 407,818. PUBLISHED AUGUST 2, 1938. Class 22.

361,342. WHISKEY, GIN, RUM, BRANDY, AND ALCOHOLIC CORDIALS. WATHEN BROTHERS, Bardstown, Ky.
Filed July 1, 1938. Serial No. 408,141. PUBLISHED AUGUST 9, 1938. Class 49.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

361,343. (CLASS 39. CLOTHING.) WAMSUTTA MILLS, New Bedford, Mass. Filed Feb. 20, 1935. Serial No. 361,640.

Equi-Tension

For Men's Negligee Shirts, Shorts, and Pajamas.
Claims use since Oct. 1, 1934.

361,344. (CLASS 12. CONSTRUCTION MATERIALS.) CERTAIN-TEED PRODUCTS CORPORATION, New York, N. Y. Filed July 3, 1935. Serial No. 366,931.

BESTWALL

For Composite Board or Panel Made for the Most Part from Calcined Gypsum.
Claims use since Sept. 4, 1914.

361,345. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) INTERNATIONAL SALT COMPANY, INC., New York, N. Y. Filed Feb. 1, 1937. Serial No. 388,395.

Steam-sterilized

For Salt.
Claims use since Oct. 25, 1934.

361,346. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) JOHN W. KATE, San Antonio, Tex. Filed July 19, 1937. Serial No. 395,418.



For Safety Steering Wheel.
Claims use since May 15, 1937.

361,347. (CLASS 39. CLOTHING.) APRILIZING CORPORATION OF AMERICA, New York, N. Y. Filed July 30, 1937. Serial No. 395,805.

NULUSTRE

For Furs—Namely, Chokers, Collars, Scarfs, Cuffs, Wearing Apparel Robes, and Coats.
Claims use since Feb. 22, 1937.

361,348. (CLASS 39. CLOTHING.) MAX KOCH, INC., New York, N. Y., now by change of name M. K. Furs, Inc. Filed Aug. 14, 1937. Serial No. 396,406.

Fashion Furs

For Ladies' and Misses' Fur Coats.
Claims use since Aug. 12, 1937.

361,349. (CLASS 39. CLOTHING.) KENILWORTH MFG. CO., INC., New York, N. Y. Filed Aug. 18, 1937. Serial No. 396,538.

PROFESSIONAL

For Ladies' and Girls' Sportswear—Namely, Ski Pants, Ski Jackets, and Ski Parkas.
Claims use since Aug. 2, 1937.

361,350. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) THE BOLSER CORPORATION, Cedar Falls, Iowa. Filed Aug. 23, 1937. Serial No. 396,663.

MULTI-RAY

For Reflector Glasses.
Claims use since July 1, 1937.

361,351. (CLASS 43. THREAD AND YARN.) RYERSON-BUNTY, INC., New York, N. Y. Filed Sept. 2, 1937. Serial No. 397,053.

LAMBKIN

For Yarns.
Claims use since Aug. 18, 1937.

361,352. (CLASS 39. CLOTHING.) INTERWOVEN STOCKING COMPANY, New Brunswick, N. J. Filed Sept. 22, 1937. Serial No. 397,665.

SHUR-UP

For Hosiery.
Claims use since Aug. 17, 1937.

361,353. (CLASS 39. CLOTHING.) E-Z-ON DRESSES INC., New York, N. Y. Filed Sept. 27, 1937. Serial No. 397,843.

E-Z-Fit DRESS

for the Mother to be

For Ladies' Dresses.
Claims use since Aug. 23, 1937.

361,354. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) EPIPHONE, INC., New York, N. Y. Filed Oct. 21, 1937. Serial No. 398,764.

ROCCO
TONEXPRESSOR

For Pedal Controls for Electrically Amplified Musical Instruments.
Claims use since Aug. 15, 1937.

361,355. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) HARRY TAFF, Chicago, Ill. Filed Jan. 17, 1938. Serial No. 402,032.

KWIK-KOVER

For Covers for Garment Hangers.
Claims use since May 1, 1937.

361,356. (CLASS 43. THREAD AND YARN.) MAX POLLACK & COMPANY, INC., New York, N. Y. Filed Jan. 18, 1938. Serial No. 402,070.

COUPRAY

For Thread.
Claims use since Aug. 6, 1937.

361,357. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) W. ELMER CALLAWAY, Jersey City, N. J. Filed Mar. 24, 1938. Serial No. 404,460.

EVERSHINE

For Shoe Polish.
Claims use since Sept. 1, 1936.

361,358. (CLASS 39. CLOTHING.) VIGDER BROS., INC., New York, N. Y. Filed June 16, 1938. Serial No. 407,567.

Split-Pruf

For Fur Coats and Fur Collars.
Claims use since December, 1934.

361,359. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) SCHAEFER'S INCORPORATED, doing business as Tu-Way Products Company, Detroit, Mich. Filed July 18, 1938. Serial No. 408,622.

Tu-Way

For Dust Mops, Dust Mop Frames, Dust Mop Heads and Parts Thereof.
Claims use since Jan. 3, 1933.

361,360. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) SCHAEFER'S INCORPORATED, doing business as Tu-Way Products Company, Detroit, Mich. Filed July 18, 1938. Serial No. 408,623.

Two-Way

For Dust Mops, Dust Mop Frames, Dust Mop Heads and Parts Thereof.
Claims use since Jan. 3, 1933.

361,361. (CLASS 17. TOBACCO PRODUCTS.) LEIGHTON TOBACCO CO., INC., New York, N. Y. Filed July 23, 1938. Serial No. 408,848.

Leighton

For Smoking Tobacco, Cigars, and Cigarettes.
Claims use since Dec. 23, 1936.

361,362. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) STOK-A-FIRE COMPANY, INC., University City, Mo. Filed July 25, 1938. Serial No. 408,906.

STOK-A-FIRE

For Automatic Coal Stokers.
Claims use since Apr. 1, 1932.

361,363. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) NORTH AMERICAN PAINT & CHEMICAL CO., LTD., Los Angeles, Calif. Filed Aug. 8, 1938. Serial No. 409,367.

SPAR-SEAL

For Varnish.
Claims use since Nov. 7, 1936.

361,364. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) B. C. LEATHER CO. LTD., Vancouver, British Columbia, Canada. Filed Aug. 22, 1938. Serial No. 409,832.

PRO-MADE

For Golf Clubs.
Claims use since Aug. 22, 1927.

361,365. (CLASS 2. RECEPTACLES.) THE CONTAINER COMPANY, Van Wert, Ohio. Filed Aug. 24, 1938. Serial No. 409,911.

Fiberpak

For Shipping Drums.
Claims use since 1930.

TRADE-MARK REGISTRATIONS RENEWED

15,983. TOILET-POWDERS. Registered November 6, 1888. ALEXANDRE NAPOLÉON BOURJOIS, Paris, France. Re-renewed November 6, 1938, to Bourjois, Inc., New York, N. Y., a corporation of New York, assignee by mesne assignments.

122,120. COFFEE SUBSTITUTES—NAMELY, CHICORY. Registered June 25, 1918. MRS. J. WILLIOT FILS, La Garenne-Colombes, France. Renewed June 25, 1938, to Société à Responsabilité Limitée Williot Fils, Neuilly-sur-Seine, Seine, France, a limited liability company of France, assignee by mesne assignments.

122,694. TEA, RICE, CINNAMON, ALLSPICE, CLOVES, PEPPER, AND MUSTARD. Registered September 10, 1918. ROBERT L. GERHART. Renewed September 10, 1938, to R. L. Gerhart Company, Inc., Lancaster, Pa., a corporation of Pennsylvania, successor.

122,720. COD-LIVER OIL. Registered September 10, 1918. MCKESSON & ROBBINS, INCORPORATED, New York, N. Y. Renewed September 10, 1938, to McKesson & Robbins, Incorporated, Bridgeport, Conn., a corporation of Maryland, assignee.

122,804. A CLEANSING AND POLISHING PREPARATION IN THE NATURE OF A FURNITURE-POLISH FOR THE BODIES OF AUTOMOBILES, CARRIAGES, PIANOS, ORGANS, PHONOGRAPHS, BANK AND STORE FIXTURES, AND FURNITURE IN GENERAL. Registered September 17, 1918. MINARD'S LINIMENT MANUFACTURING COMPANY. Renewed September 17, 1938, to Minard Company, Framingham, Mass., a corporation of Massachusetts, by change of name.

122,940. COFFEE SUBSTITUTES—NAMELY, CHICORY. Registered September 24, 1918. MRS. J. WILLIOT FILS, La Garenne-Colombes, France. Renewed September 24, 1938, to Société à Responsabilité Limitée Williot Fils, Neuilly-sur-Seine, Seine, France, a limited liability company of France, assignee by mesne assignments.

123,110. READY-MIXED PAINT. Registered October 15, 1918. E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del., a corporation of Delaware. Renewed October 15, 1938.

123,158. TYPEWRITER-RIBBONS AND CARBON-PAPER. Registered October 15, 1918. REMINGTON TYPEWRITER COMPANY, Ilion and New York, N. Y. Renewed October 15, 1938, to The Smith Premier Typewriter Company, Buffalo, N. Y., a corporation of New York, assignee.

123,214. PHOTOGRAPHIC PAPER. Registered October 22, 1918. EASTMAN KODAK COMPANY. Renewed October 22, 1938, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

123,486. FILTER-PAPER. Registered November 12, 1918. H. REEVE ANGEL & CO. INC., New York, N. Y., a corporation of New York. Renewed November 12, 1938.

123,487. FILTER-PAPER. Registered November 12, 1918. H. REEVE ANGEL & CO. INC., New York, N. Y., a corporation of New York. Renewed November 12, 1938.

123,660. CERTAIN NAMED CUTLERY, MACHINERY, AND TOOLS AND PARTS THEREOF. Registered November 19, 1918. STOWE SUPPLY COMPANY. Renewed November 19, 1938, to Stowe Hardware & Supply Co., Kansas City, Mo., a corporation of Missouri, by change of name.

123,912. COTTON GOODS IN THE PIECE. Registered December 17, 1918. LONSDALE COMPANY, Providence, R. I., a corporation of Rhode Island. Renewed December 17, 1938.

123,913. COTTON GOODS IN THE PIECE. Registered December 17, 1918. LONSDALE COMPANY, Providence, R. I., a corporation of Rhode Island. Renewed December 17, 1938.

123,995. MOVING-PICTURE FILMS. Registered December 31, 1918. GOLDWYN PICTURES CORPORATION, New York, N. Y. Renewed December 31, 1938, to Loew's Incorporated, Dover, Del., a corporation of Delaware, assignee by mesne assignments.

124,260. SOCIAL REGISTERS OR SOCIAL DIRECTORIES FOR BALTIMORE CITY AND SUBURBS, ISSUED ANNUALLY. Registered January 28, 1919. THE NORMAN, REMINGTON COMPANY. Renewed January 28, 1939, to Blue Book, Inc., Baltimore, Md., a corporation of Maryland, assignee by mesne assignments.

124,275. LEATHER AND FABRIC GLOVES AND MITTENS. Registered January 28, 1919. WELLS-LAMONT MANUFACTURING COMPANY, Minneapolis, Minn. Renewed January 28, 1939, to Wells Lamont Smith Corporation, Chicago, Ill., a corporation of Minnesota, by change of name.

124,462. CANNED SARDINES. Registered February 18, 1919. LUBEC SARDINE CO., Lubec and Belfast, Maine. Renewed February 18, 1939, to Booth Fisheries Corporation, Chicago, Ill., a corporation of Delaware, assignee.

124,517. HAIR-BRUSHES AND TOOTH-BRUSHES. Registered February 25, 1919. EDMUND D. CUTINO. Renewed February 25, 1939, to The Cutino Company, Kansas City, Mo., a corporation of Missouri, assignee.

124,550. LADIES' LEATHER SHOES. Registered February 25, 1919. THE KROHN-FECHHEIMER CO. Renewed February 25, 1939, to The United States Shoe Corporation, Cincinnati, Ohio, a corporation of Ohio, assignee by mesne assignments.

124,595. WOOLEN PIECE GOODS. Registered February 25, 1919. STRONG, HEWAT & CO., INC., North Adams, Mass., and New York, N. Y. Renewed February 25, 1939, to Strong Hewat & Company, Inc., New York, N. Y., a corporation of New York.

124,628. DRESSING TO BE USED ON LEATHER AND ARTICLES MADE THEREFROM. Registered February 25, 1919. WHITTEMORE BROTHERS, CORPORATION, Cambridge, Mass., a corporation of Massachusetts. Renewed February 25, 1939.

124,629. DRESSING TO BE USED ON LEATHER AND ARTICLES MADE THEREFROM. Registered February 25, 1919. WHITTEMORE BROTHERS, CORPORATION, Cambridge, Mass., a corporation of Massachusetts. Renewed February 25, 1939.

LABELS

REGISTERED OCTOBER 11, 1938

51,914.—*Title:* BOOTH BOARD. For Boards. E. Ellsworth Booth, Pomona, Calif. Published April 1, 1938.

51,915.—*Title:* DOG-EASE. For a Tonic for all Dogs Afflicted with Skin Irritation Due to Hot Weather. Marguerite S. Cockett, Cooperstown, N. Y. Published August 30, 1938.

51,916.—*Title*: FAMILY-PAK ZEE IVORY WHITE TISSUE. For Toilet Tissue.' Comfort Paper Corporation, San Francisco, Calif. Published August 24, 1938.

51,917.—*Title*: DONUTS, DELICIOUS, WHOLESOME. For Doughnuts. The Dobeckmun Company, Cleveland, Ohio. Published June 3, 1938.

51,918.—*Title:* CRISP POP CORN. For Pop-Corn. The Dobeckmun Company, Cleveland, Ohio. Published July 1, 1938.

51,919.—*Title:* ONE DOZEN EGGS. For Eggs. Egg-Safety Carton Corporation, New York, N. Y. Published August 17, 1938.

51,920.—*Title:* V BELT FASTENERS FOR "C" SECTION "V" BELTS. For Flexible Fasteners or Connectors for the Ends of V or Side Driving Belts. Flexible Steel Lacing Company, Chicago, Ill. Published June 6, 1938.

51,921.—*Title:* V BELT FASTENERS FOR SPECIAL "F" SECTION RAILWAY AIR CONDITIONING "V" BELTS. For Flexible Fasteners or Connectors for the Ends of V or Side Driving Belts. Flexible Steel Lacing Company, Chicago, Ill. Published June 6, 1938.

51,922.—*Title:* O'LEARY'S PRIVATE STOCK. For Blended Whiskey. Max Levenson, Pittsburgh, Pa. Published September 6, 1938.

51,923.—*Title:* MENASHA BREAD. For Bread. Menasha Products Company, Menasha, Wis. Published March 6, 1936.

51,924.—*Title:* MORNING MILK. For Milk. William F. Mueller, St. Louis, Mo. Published August 25, 1938.

51,925.—*Title:* DOWNY REST. For Mattresses. Silver Star Bedding Co., Chicago, Ill. Published July 19, 1938.

51,926.—*Title:* "TOMORROW'S OIL . . . TODAY!" For a Motor Oil. L. Sonneborn Sons, Inc., New York, N. Y. Published September 1, 1938.

51,927.—*Title:* WORLD'S FAIR. For Cigars. Ellis B. Strickler, Yorkana, Pa. Published May 15, 1938.

51,928.—*Title:* DESIGN 177. For Coffee. Union Bag & Paper Corporation, New York, N. Y. Published September 14, 1938.

51,929.—*Title:* CHAMPAGNE-GLO. For a Preparation for Coloring the Hair. Carlos Valento Hollywood Beauty Center, Inc., Los Angeles, Calif. Published July 30, 1938.

PRINTS

REGISTERED OCTOBER 11, 1938

17,065.—*Title:* SOLDER IN A SILK HAT NO CLEANING NO FILING NO SCRAPING NO SANDING ALWAYS ASK FOR SILK HAT BRAND. For Soldering Flux. Alwarth Chemical Corporation, New York, N. Y. Published July 22, 1938.

17,066.—*Title:* GOING DOWN! For Wheat Breakfast Food. The Cream of Wheat Corporation, Minneapolis, Minn. Published September 1, 1938.

17,067.—*Title:* 43 YEARS OF THRIVING BABIES PROVE ITS PERFECT DIGESTIBILITY. For Wheat Breakfast Food. The Cream of Wheat Corporation, Minneapolis, Minn. Published September 5, 1938.

17,068.—*Title*: TYMATIC TOWELS. For Paper Towels. Crown Zellerbach Corporation, doing business as National Paper Products, Division of Crown Zellerbach Corporation, San Francisco, Calif., and New York, N. Y. Published September 1, 1938.

17,069.—*Title:* ESKIMO PREMIUMS. For Frozen Confections. Eskimo Pie Corporation, Bloomfield, N. J. Published July 15, 1938.

17,070.—*Title:* FLAKY MALTED FREEZE. For a Fountain Drink. D. H. Holmes Co., Ltd., New Orleans, La. Published August 9, 1938.

17,071.—*Title:* INTRODUCING DOUBLE TESTED SILVER PLATE. For Silver Plated Flatware. National Silver Company, New York, N. Y. Published September 7, 1938.

REISSUES

OCTOBER 11, 1938

20,880

ARYL MERCURY COMPOUNDS OF UREID AND PURINE BASES AND METHOD OF MAKING THE SAME

Carl N. Andersen, Wellesley Hills, Mass., assignor to Lever Brothers Company, a corporation of Maine

No Drawing. Original No. 2,118,133, dated May 24, 1938, Serial No. 754,373, November 22, 1934, Application for reissue July 30, 1938, Serial No. 222,145

15 Claims. (Cl. 260—242)

2. A new organic mercury compound of the general formula $(RHg)_x.R_1$, in which R represents an aromatic structure to a carbon atom of which the mercury is directly attached and in which none of the carbon atoms has direct linkage with any element other than hydrogen, carbon and mercury; in which x represents the number of RHg groups in the compound and is an integer having a value of at least one and not more than two; and in which R_1 represents the radical of a compound selected from the group consisting of ureids and purine bases, the RHg group being linked to said radical by the replacement of imido hydrogen.

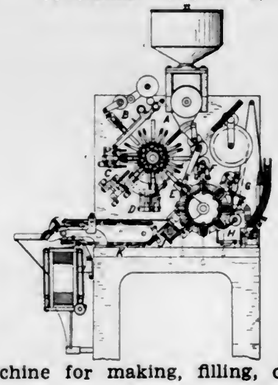
20,881

MACHINE FOR MAKING, FILLING, CLOSING, AND WRAPPING BAGS

Adolf Rambold, Dresden, Germany

Original No. 2,083,124, dated June 8, 1937, Serial No. 77,580, May 2, 1936. Application for reissue April 20, 1938, Serial No. 203,209. In Germany May 13, 1935

95 Claims. (Cl. 93—4)



1. Machine for making, filling, closing and wrapping a bag, comprising a vertical core wheel with a horizontal axis having a plurality of radial hollow cores for forming the bag therearound, means for introducing the substance to be contained by the bag prior to the formation thereof into one core at a time when same is in inclined position, means for forming the bag around the filled core, means for closing the bag and means for wrapping the bag.

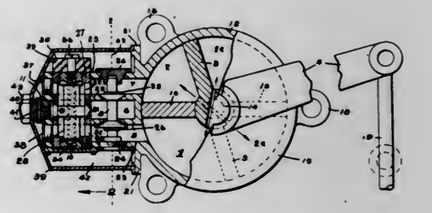
20,882

SHOCK ABSORBER

Edmund M. Wise, Westfield, N. J., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Original No. 1,498,599, dated June 24, 1924, Serial No. 544,940, March 18, 1922. Reissue No. 19,190, dated May 29, 1934, Serial No. 642,963, November 16, 1932. Application for reissue October 29, 1937, Serial No. 171,711

34 Claims. (Cl. 188—89)



1. In shock absorbers, a hydrostatic system, operative connections therefrom to a source of variable accelerations, and means comprising a valve responsive to fluid pressure and to accelerations in the movements of the shock absorber and comprising also cooperative chambers for automatically controlling the alternate phases of such accelerations.

PLANT PATENTS

GRANTED OCTOBER 11, 1938

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

294

WATER LILY

Martin E. Randig, San Bernardino, Calif.

Application July 14, 1937, Serial No. 153,605

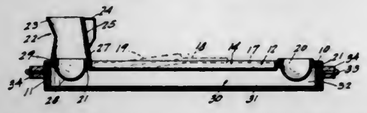
1 Claim. (Cl. 47—60)

The new variety of hybrid tropical day-blooming water lily herein shown and described, having the distinctive brilliant imperial purple color of the corolla, rich golden yellow center, and the Burgundy violet color of the sepals showing between the petals, long open period, and ancestry specified.

PATENTS

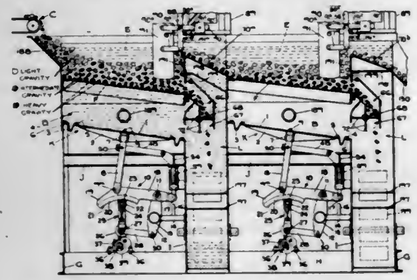
GRANTED OCTOBER 11, 1938

2,132,374
HOT CAKE SERVER
Kenneth E. Bemis, Oakland, Calif.
Application June 1, 1937, Serial No. 145,757
5 Claims. (Cl. 65—15)



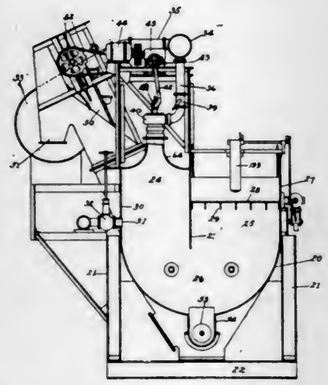
3. In a bottomless serving dish having side walls terminating at the upper end in a plane top wall, a food receiving recess formed in the central portion of the top wall; a pan coextensive with the interior of the dish and insertible into said dish from beneath and completely concealable therein, securing means associated with said dish for securing said pan therein at will, and openings formed in said top wall in the end portions thereof and serving selectively as passages for introduction of crushed ice or hot water to said pan, and for support of receptacles having flanges to rest on the top wall.

2,132,375
APPARATUS FOR TREATING MINERAL MATERIALS
Byron M. Bird and Ernst F. Muller, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company, a corporation of Ohio
Application July 23, 1934, Serial No. 736,442
In Great Britain July 24, 1933
14 Claims. (Cl. 209—457)



1. A material treating apparatus adapted to classify a bed of materials, which comprises the combination with a tank adapted to contain a body of fluid, of a supporting screen for the bed, a diaphragm beneath the screen in fluid-tight relation with the tank, a cam for producing a pulsation of the bed, and mechanism connecting the said cam and diaphragm for transmitting motion from the cam to the diaphragm to move said diaphragm in parallelism, the said mechanism including cooperating pivoted levers forming a parallel motion mechanism, a roller adapted to engage the cam for riding on the surface of the cam, and means on the levers for varying the length of stroke of the diaphragm, said parallel motion mechanism insuring a parallel movement of said diaphragm relative to said screen.

2,132,376
METHOD OF JIGGING
Byron M. Bird, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio
Application July 23, 1934, Serial No. 736,443
In Great Britain July 24, 1933
17 Claims. (Cl. 209—500)

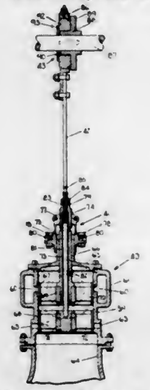


2. The method of jigging by cyclically controlling the application of fluid under pressure to a chamber containing a jigging liquid adapted to be moved relative to a bed of material, each cycle of which constitutes 360 degrees and comprises admitting a fluid under pressure to said chamber for a period of said cycle less than 150 degrees to force said jigging liquid upward through said bed, discontinuing the admission of fluid to said chamber, maintaining said chamber sealed for a relatively long period of said cycle and thereafter opening said chamber to reduce the pressure therein for a period.

2,132,377
AIR CONTROLLED WATER JIG AND VALVE THEREFOR
Byron M. Bird and Frank P. Smith, Columbus, Ohio, assignors, by mesne assignments, to The Jeffrey Manufacturing Company, Columbus, Ohio, a corporation of Ohio
Application July 23, 1934, Serial No. 736,444. Renewed June 22, 1938. In Great Britain July 24, 1933
17 Claims. (Cl. 209—500)

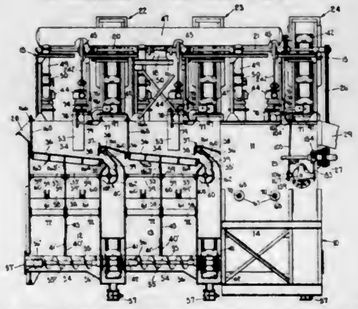
2. In an air controlled water jig, the combination with a source of air under pressure, of an air chamber adapted to control the pulsating movement of water to effect a jigging operation, cyclically operated means adapted to effect a connection between said source of air and said chamber for a period of each cycle of operation, cyclically operated means adapted to effect an opening of said chamber to discharge air therein for a period during each cycle of operation, and means correlating the action of the two aforementioned cyclically operated means to provide an expansion period during each cycle

of operation thereof during which said chamber is sealed against both ingress and egress of air



for at least 30 degrees of a cycle of operation of 360 degrees.

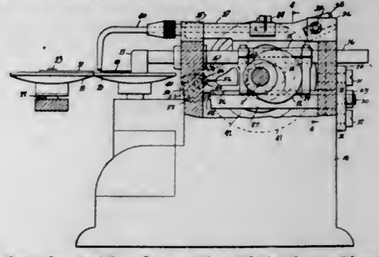
2,132,378
JIG
Byron M. Bird and Ernst F. Muller, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company, a corporation of Ohio
Application January 8, 1935, Serial No. 876. Renewed June 22, 1938. In Great Britain July 24, 1933
12 Claims. (Cl. 209—496)



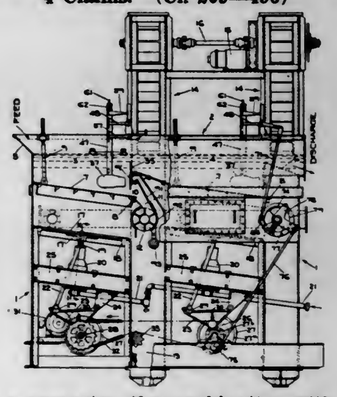
1. In a jig, the combination with a tank adapted to contain a jigging fluid, of a pivoted deflecting plate in said tank, said plate having a pivotal connection adjacent the top of said plate extending substantially parallel with a side wall of said tank, an adjusting rod attached to the lower end of said plate and extending through a side wall of said tank, and combined adjusting and packing means cooperating with said rod where it extends through said wall to adjust pivotally said plate and provide a fluid-tight packing for said rod.

2,132,379
FUR SEWING MACHINE
Caesar Bonis, Brooklyn, N. Y.
Application April 30, 1938, Serial No. 205,177
7 Claims. (Cl. 112—16)

1. In a sewing machine for fur and the like, having material feeding discs, a needle bar, a needle bar-yoke carried by the said needle bar, a needle guard on one of the said discs, and a main drive shaft with an eccentric for operating the needle bar-yoke to move same backward and forward. a V shaped slideway at the bottom of the said needle bar-yoke, a rod in engagement with the V shaped slideway forming a lower support for the said yoke, and a plate for adjustably supporting said rod.



2,132,380
JIG
John G. Attwood, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio
Application March 4, 1935, Serial No. 9,147
4 Claims. (Cl. 209—496)

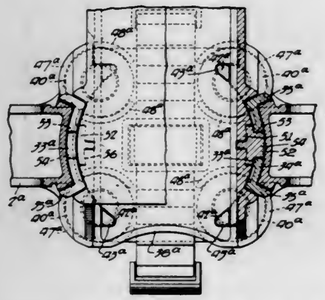


1. In a separator, the combination with a material support, of means for controlling the depth of refuse on said support comprising, a rotary refuse discharge valve, a ratchet wheel adapted to operate said valve, a pawl for operating said wheel, means for reciprocating said pawl, a shield for determining the extent of movement of said ratchet wheel during each reciprocation of said pawl, means for adjusting the position of said shield comprising a totally submerged elongated float having a pointed back whereby material will not tend to accumulate thereon and having a relatively flat rounded bottom to rest on said refuse bed, and mechanism for connecting said float and said shield including non-friction mountings, whereby said float will control said shield.

2,132,381
RAILWAY TRUCK
Donald S. Barrows, Rochester, N. Y., assignor to The Symington-Gould Corporation, Rochester, N. Y., a corporation of Maryland
Application August 22, 1932, Serial No. 629,953
14 Claims. (Cl. 105—197.1)

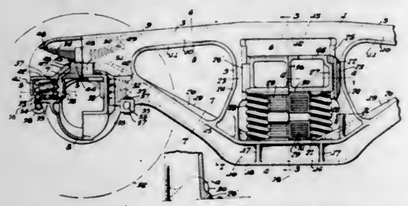
1. A side frame comprising a compression member, a tension member, bolster guide columns spacing intermediate portions of said members and spaced to leave a bolster opening therebetween, said guide columns comprising transverse

webs and side flanges, a bolster received in said opening, and a locking shim disposed between each side of the bolster and the adjacent guide column, each shim having a surface cylindrically



curved about the vertical axis of the frame, and the engaging surface of the adjacent member being correspondingly curved for allowing relative horizontal angling while maintaining the same area of contact regardless of bolster angularity.

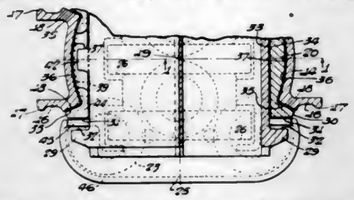
2,132,382
RAILWAY TRUCK
Donald S. Barrows, Rochester, N. Y., assignor to The Symington-Gould Corporation, Rochester, N. Y., a corporation of Maryland
Application March 12, 1935, Serial No. 10,706
34 Claims. (Cl. 105—197.1)



2. In a railway truck, in combination, a side frame having a bolster opening, downwardly opening journal box receiving jaws at the ends thereof, a bolster with an end portion received in said opening, coil and leaf springs mounted on said frame within said opening for supporting said bolster, journal boxes received in said jaws and each having shelves outstanding from the sides thereof, springs disposed between said shelves and abutments on said frame, and other spring means engaging said journal boxes between said shelves, and abutment means on said frame for cooperating with said last-named spring means.

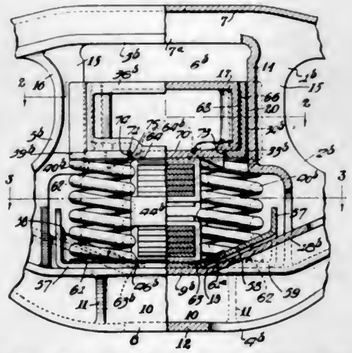
2,132,383
RAILWAY TRUCK
Donald S. Barrows, Rochester, N. Y., assignor to The Symington-Gould Corporation, Rochester, N. Y., a corporation of Maryland
Application April 26, 1935, Serial No. 18,468
20 Claims. (Cl. 105—186)

2. In combination with a side frame having a bolster opening, a lateral motion bolster received therein, a spring cap disposed in said opening below said bolster, rollers supported on said cap and in turn supporting said bolster, and shoes disposed between the sides of said bolster and said guide columns, interlocked with said columns, and formed with depending lugs straddling portions of said cap, said bolster having lugs



disposed outwardly of said shoes for limiting lateral movement thereof.

2,132,384
RAILWAY TRUCK
Donald S. Barrows, Rochester, N. Y., assignor to The Symington-Gould Corporation, Rochester, N. Y., a corporation of Maryland
Original application August 22, 1932, Serial No. 629,953. Divided and this application December 2, 1937, Serial No. 177,761
20 Claims. (Cl. 105—197.1)

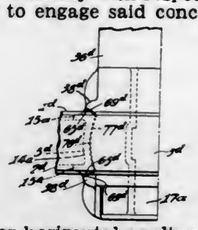


6. In a railway truck, in combination, a pair of side frames, a spring plank connecting said frames and with its ends corrugated and interlocking with corresponding corrugations on said frames, said corrugations involving surfaces approximately radial about the axis of relative angling and normally spaced to correspond with the permissible horizontal angling, whereby a definite interlock is provided between the plank and frames with the provision of horizontal angling therebetween and adequate restraining areas for limiting such angling.

2,132,385
RAILWAY TRUCK
Donald S. Barrows, Rochester, N. Y., assignor to The Symington-Gould Corporation, Rochester, N. Y., a corporation of Maryland
Original application August 22, 1932, Serial No. 629,953. Divided and this application January 3, 1938, Serial No. 183,209
16 Claims. (Cl. 105—207)

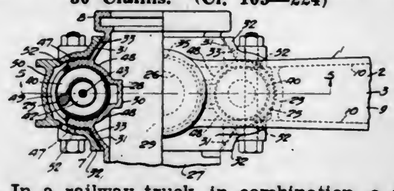
2. A side frame comprising a compression member, a tension member, bolster guide columns spacing intermediate portions of said members and spaced to leave a bolster opening therebetween, concavely curved surfaces on said guide columns, a bolster received in said opening and provided with lugs at the sides interlocking it with respect to said frame, and with the surfaces thereof adjacent said columns convexly curved

substantially coaxially with respect to each other and adapted to engage said concave surfaces so



as to allow for horizontal angling of said bolster with respect to said frame.

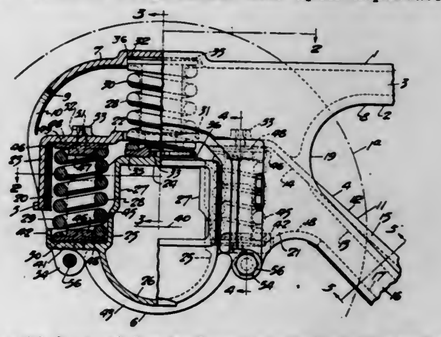
2,132,386
RAILWAY TRUCK
Donald S. Barrows, Rochester, N. Y., assignor to The Symington-Gould Corporation, Rochester, N. Y., a corporation of Maryland
Application January 20, 1938, Serial No. 185,953
30 Claims. (Cl. 105—224)



3. In a railway truck, in combination, a side frame having downwardly opening jaws at each end thereof, vertically disposed cylindrical concave surfaces on said jaws, a separable journal box removably associated with each jaw having side walls provided with convex cylindrical surfaces juxtapositioned with respect to said jaw surfaces so as to allow relative horizontal angling between each journal box and the side frame, vertically spaced seats on said side frame and journal boxes, said seats being positioned on the longitudinal axis of the side frame and having spherically concave surfaces, spring means spaced on either side of each journal box and interposed between said side frame and journal boxes, said spring means comprising helical springs having caps associated with each end thereof, said caps having spherical convex surfaces in engagement with said concave surfaces, whereby upon any deviation of said boxes in an angular direction with respect to said side frame and from their normal position, the spring means will be free to move with reference to their normal respective longitudinal axes.

2,132,387
RAILWAY TRUCK
Donald S. Barrows, Rochester, N. Y., assignor to The Symington-Gould Corporation, Rochester, N. Y., a corporation of Maryland
Application January 20, 1938, Serial No. 185,954
20 Claims. (Cl. 105—224)

3. In a railway truck, in combination, a side frame having journal box receiving jaws adjacent each end thereof, a separable journal box positioned in each jaw and adapted to move vertically with respect to said side frame, juxtapositioned coaxial cylindrical surfaces on said journal boxes and jaws whereby said journal boxes may angle horizontally with respect to said side frame, means on each journal box for engagement with said jaws so as to limit the angling movement of said journal boxes, vertically spaced spring seats on said side frame and journal boxes, apertures in said side frame and journal box spring seats, spring means positioned between said spring seats, said spring means including helical springs having caps associated with each end thereof, convex surfaces on said spring caps in bearing relation with said spring seats so as to permit the spring means to oscillate about its longitudinal axis upon departure



of said journal boxes from normal right angle relationship with respect to the side frame, and means on said spring caps extending into said seat apertures for retaining said spring means in operable position.

2,132,388
ALIPHATIC ACID DIAMIDE OF LONG CHAIN ALIPHATIC DIAMINES AND PROCESS OF MAKING THE SAME
Gerard J. Berchet, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 2, 1937, Serial No. 151,763
11 Claims. (Cl. 260—404)

1. A compound of the formula

R'—CO—NH—R—NH—CO—R'

wherein R and R' are saturated open chain hydrocarbon radicals, R having at least six carbon atoms and R' at least five.

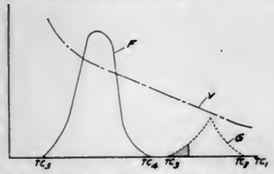
2,132,389
PREPARATION OF AMINO BODIES
Johann A. Bertsch, St. Louis, Mo., assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application April 12, 1935, Serial No. 16,016
18 Claims. (Cl. 260—580)

18. A method of preparing aryl amines of the benzene series which comprises hydrogenating an aryl nitro body of the benzene series in liquid phase with hydrogen and in the presence of a catalyst obtained by the hydrolysis of an alloy of nickel, said alloy consisting essentially of nickel and a metal selected from a group consisting of magnesium, aluminum and the alkaline earth metals.

2,132,390
DIFFUSING GLASSES
Henry H. Blau, Charlerol, Pa., assignor, by mesne assignments, to Corning Glass Works, Corning, N. Y., a corporation of New York
Application July 3, 1935, Serial No. 29,709
5 Claims. (Cl. 49—79)

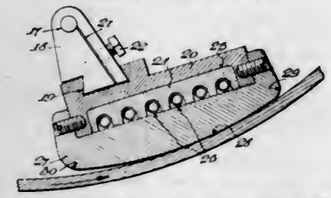
1. That method of manufacturing a diffusing glass article having controlled light-modifying characteristics and internally uniform diffusing properties which comprises forming the article in its entirety from a thermally-opacifiable chemically homogeneous glass the composition of which is such that the light-diffusing inclusions form and grow in separated temperature ranges,

causing the formation of a controlled number of inclusion-forming nuclei uniformly distributed throughout the article, and reheating the entire article uniformly to a temperature and for a time to cause the said nuclei to grow to definite and



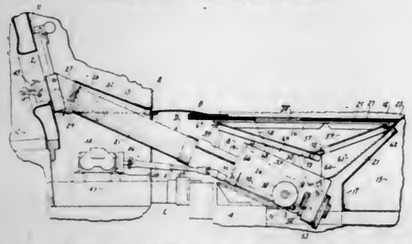
controlled dimensions, and thereby controlling the number and size of diffusing inclusions and causing the article to have throughout uniform internal diffusing properties and controlled, definite and predetermined light-modifying characteristics.

2,132,391
PIPE COATING IRONER
David W. Boylan, San Francisco, Calif., assignor to the General Paint Corporation, San Francisco, Calif., a corporation of Nevada
Application October 28, 1936, Serial No. 108,107
11 Claims. (Cl. 91—53)



7. A pipe coating ironer comprising shell like carrier and shoe portions removably attached whereby to form therebetween a hollow portion, and heating means disposed in said hollow portion.

2,132,392
LOCOMOTIVE STOKER
Albert R. Chalker, Wesleyville, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc. (1922), New York, N. Y., a corporation of Delaware
Application November 18, 1935, Serial No. 50,273
6 Claims. (Cl. 105—234)



1. In a tender having a fuel bin with a longitudinally extending central opening in the floor thereof, a spout having side walls depending from the under side of said floor adjacent corresponding edges of the opening therein, an open mouth stoker trough mounted on the tender beneath the forward portion of the opening in said bin floor and below the lower marginal edge of said spout side walls, means forming a passage for fuel from said spout to said trough including walls overlapping the walls of said spout and extending into said trough, said means being pivotally mounted on the tender for upward swinging movement for withdrawing the walls thereof from said trough.

2,132,393
SHORTENING AND METHOD OF MAKING SAME
Herbert S. Coith, Albert S. Richardson, and Verling M. Votaw, Wyoming, Ohio, assignors to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application February 4, 1933, Serial No. 655,292
40 Claims. (Cl. 99—123)

1. A process for improving edible plastic triglyceride fat for use in baking which comprises embodying therein synthetic fat of the group consisting of monoglycerides and diglycerides of predominantly unsaturated higher fatty acids, said synthetic fat being without substantial stiffening action on and constituting at least about 4% of the total glyceride mixture.

10. The process of improving previously refined and deodorized edible fat having a substantially lard-like consistency in the range of ordinary room temperatures and consisting essentially of triglycerides of predominantly unsaturated higher fatty acids, which comprises mixing glycerin with the molten fat and heating to a sufficient extent to increase the combined glycerin content of the fat in amount not less than .3% of the total weight of the resulting glycerides.

11. A blended plastic shortening comprising a major proportion of fat consisting of solid and liquid triglycerides and at least about 4% synthetic fat belonging to the group consisting of monoglycerides and diglycerides of predominantly unsaturated higher fatty acids, said synthetic fat being without substantial stiffening effect on the shortening.

2,132,394
SHORTENING AND METHOD OF MAKING SAME
Herbert S. Coith, Albert S. Richardson, and Verling M. Votaw, Wyoming, Ohio, assignors to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application February 4, 1933, Serial No. 655,293
26 Claims. (Cl. 99—123)

3. A blended plastic fat consisting essentially of a major proportion of relatively soft fat consisting of triglyceride and at least 2% hard fat belonging to the class consisting of monoglyceride and diglyceride, said hard fat containing more combined glycerin in the form of monoglyceride than in the form of diglyceride, the amount of said hard fat being sufficient to stiffen the mixture substantially.

19. A process of preparing shortening of the compound type which includes the following steps, taken in the order named:

A. Hydrogenating an edible fatty material to an iodine value not exceeding 40;

B. Subjecting the hydrogenated material to vacuum steam deodorization;

C. Combining with the hydrogenated material an amount of glycerin sufficient to produce a synthetic fat containing not less than 19% combined glycerin;

D. Mixing at least 2% of the resulting material with an edible fatty material of less stiffness to plasticize the latter.

2,132,395
COMPOSITIONS OF MATTER
Herbert S. Coith, Albert S. Richardson, and Verling M. Votaw, Wyoming, Ohio, assignors to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application February 4, 1933, Serial No. 655,294
32 Claims. (Cl. 99—94)

1. A prepared flour composition in substantially dry form including shortening, said shortening consisting essentially of glycerides and containing synthetic glycerides of the group consisting of predominantly unsaturated monoglycerides and diglycerides of higher fatty acids and monoglycerides of predominantly saturated higher fatty acids.

2,132,396
BAKED GOODS AND METHOD OF MAKING SAME
Herbert S. Coith, Albert S. Richardson, and Verling M. Votaw, Wyoming, Ohio, assignors to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application February 4, 1933, Serial No. 655,295
41 Claims. (Cl. 99—92)

1. In the process of making baked goods containing flour and more sugar than flour, the step which consists in incorporating in the mix fat comprising glycerides of the group consisting of monoglycerides and diglycerides of higher fatty acids in quantity sufficient to effect appreciable reduction of shrinkage on cooling after baking.

18. Sweet baked goods containing more sugar than flour and containing synthetic fat characterized by a combined glycerin content in excess of that required for triglyceride formation, said excess of glycerin being between 0.3% and 1.5% of the weight of all the fat present.

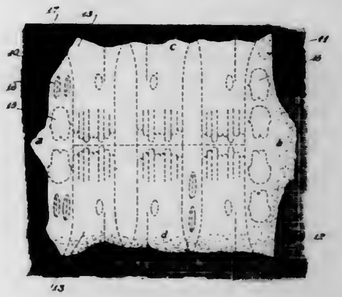
2,132,397
BAKED GOODS AND PROCESS OF MAKING SAME
Herbert S. Coith, Albert S. Richardson, and Verling M. Votaw, Wyoming, Ohio, assignors to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application May 17, 1934, Serial No. 726,174
45 Claims. (Cl. 99—92)

1. In the process of making cakes containing flour and more sugar than flour, the step which consists in incorporating in the mix, in quantity sufficient to effect substantial decrease in the amount of shrinkage of the cake at the end of baking, a shortening agent comprising an ester having a molecular formula containing at least two unesterified hydroxyl groups and consisting of polyhydric alcohol incompletely esterified with higher fatty acid.

2,132,398
SHORTENING AND PROCESS OF MAKING SAME
Herbert S. Coith, Albert S. Richardson, and Verling M. Votaw, Wyoming, Ohio, assignors to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application May 17, 1934, Serial No. 726,175
26 Claims. (Cl. 99—123)

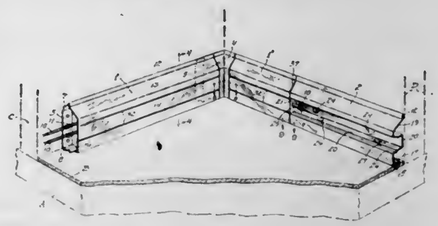
1. A process for improving substantially dry plastic shortening which consists in embodying therein along with a major proportion of triglyceride fat a smaller proportion of hydroxy fatty ester predominantly of molecular formula containing at least two unesterified hydroxyl groups and consisting of polyhydroxy substance of molecular formula containing more than three carbon atoms incompletely esterified with higher fatty acid, the amount of the hydroxy fatty ester being sufficient to effect substantial reduction in shrinkage at the end of baking of cakes containing more sugar than flour in which the shortening is incorporated.

2,132,399
LEATHER CEMENTED ARTICLES
Himen Cooper, Brooklyn, N. Y.
Application April 1, 1936, Serial No. 72,123
6 Claims. (Cl. 154—2)



1. The method of manufacturing composite materials which comprises stretching a leather in one direction, spraying a cement thereon so that the cement globules are substantially equal in size to the solid part of the leather and do not block the openings in said leather, and applying to said cement coated leather a fabric, the leather, cement and fabric being so positioned that the composite material is pervious to air.

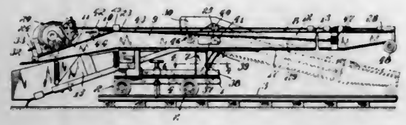
2,132,400
ELECTRICAL WIRING SYSTEM FOR BUILDINGS
Harold S. Curren, Rochester, N. Y., assignor to The Curren Fabrihome Corporation, Willoughby, Ohio, a corporation of Delaware
Application December 5, 1936, Serial No. 114,377
6 Claims. (Cl. 247—37)



6. In a wiring system for buildings, a sheet metal molding section which is rearwardly recessed intermediately of its longitudinally extending edges lengthwise thereof in a manner enabling the walls of the recess to serve as a continuous knock-out box, and a cover plate arranged and adapted to support and expose for operation

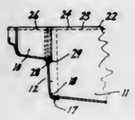
one or more service outlets such as insulated sockets, which plate snaps onto the section in a manner to close the recess on the exposed face of the section.

2,132,401
SCRAPER LOADING APPARATUS
Leslie A. Currier, North Charlestown, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application March 9, 1937, Serial No. 129,861
16 Claims. (Cl. 198—8)



1. In a scraper loading apparatus, a portable base, a horizontal frame mounted on said base and having forward and rearward slideway-providing portions cooperating to provide a slideway along which a loading scraper is adapted to move, said rearward slideway-providing portion overhanging a substantial distance the rear end of said base, and means for pivotally mounting said rear overhanging slideway-providing portion of said frame on said base for horizontal swinging movement relative to said forward slideway-providing portion.

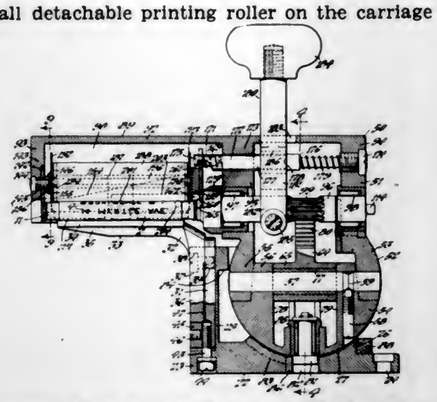
2,132,402
OIL PAN FOR CRANKCASES
Emlis B. Curtiss, Litchfield, Minn.
Application May 5, 1937, Serial No. 140,888
7 Claims. (Cl. 121—194)



1. An oil pan for a crankcase of an automotive vehicle, comprising a plurality of separate oil receiving entities in open communication with each other, and means for independently securing each of said oil receiving entities up against said crank case, a wall of one of said oil receiving entities being constructed to provide an upwardly facing seat, and a lower surface of an oil receiving entity adjacent to said upwardly facing seat being constructed to provide a downwardly facing seat adapted to be assembled with said upwardly facing seat to provide a fluid-tight joint between adjacent oil receiving entities of said oil pan.

2,132,403
IDENTIFICATION AND RECORDING DEVICE
Elmer W. Davis, Newton Center, Mass., and Arthur H. Maynard, Warwick, R. I., assignors to Boston Wire Stitcher Company, Portland, Maine, a corporation of Maine
Application March 6, 1935, Serial No. 9,627
Renewed September 21, 1937
37 Claims. (Cl. 101—212)

1. In a printing apparatus, the combination of an arcuate platen, a carriage mounted for arcuate movement over said platen, and a relatively small detachable printing roller on the carriage

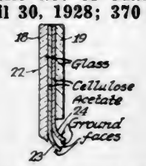


for cooperation with said platen and adapted to be personally carried as an identification token.

2,132,404
METHOD OF SEPARATING MAGNETIC MATERIAL
Reginald S. Dean, Washington, D. C., and Charles W. Davis, Pittsburgh, Pa.
No Drawing. Application February 17, 1934, Serial No. 711,820
18 Claims. (Cl. 209—214)

1. The method of separating minerals containing a paramagnetic substance which comprises subjecting subdivided particles thereof to a heat treatment to impart thereto a high coercive force, converting the treated mineral particles into permanent magnets, and then effecting the desired separation by an action including the subjection of the mineral particles to an alternating magnetic field the strength of which is not greater than the coercive force of the magnetized particles.

2,132,405
FINE GRAIN TRANSLUCENT SCREEN
Rupert H. Draeger, United States Navy
Application November 14, 1935, Serial No. 49,754
6 Claims. (Cl. 88—24)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

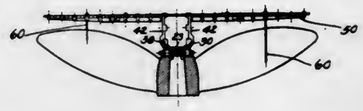


1. A fine grained translucent projection screen comprising a pair of sheets of transparent material placed in face to face contact with each other, the contact faces being finely ground to non-directional diffusing surfaces whereby the light transmitted through the screen is highly and substantially uniformly dispersed over the area of the screen.

2,132,406
METHOD OF MAKING SHORTENING
Albert K. Epstein and Benjamin R. Harris, Chicago, Ill., assignors to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application August 28, 1933, Serial No. 687,163
5 Claims. (Cl. 99—123)

1. The method of producing an improved shortening material which comprises heating a portion of liquid oil in the presence of glycerine to produce a glyceride ester having at least one free hydroxy group, mixing the resulting product with a further portion of liquid oil, and hydrogenating the mixture.

2,132,407
PITCHOMETER
Thomas P. Fowler, Pittsburgh, Pa.
Application May 6, 1937, Serial No. 141,100
6 Claims. (Cl. 33—174)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



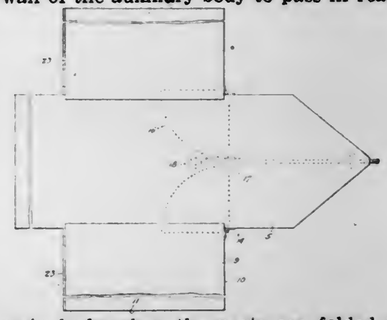
1. A universal propeller pitchometer including a chucking device having a set of interchangeable chucking screws, and including a hub ring, bosses on the face of the hub ring and bearings in the bosses for mounting the chucking screws, said chucking screws being of gooseneck formation and means on the chucking device for actuating the chucking screws in a radial direction.

2,132,408
PROCESS FOR THE PRODUCTION OF MAGNESIUM OR ALLOYS THEREOF
Daniel Gardner, Rueil-Malmaison, France, assignor to Studien und Verwertungs-Aktiengesellschaft, Neuhausen, Switzerland, a joint-stock company of Switzerland
No Drawing. Application December 12, 1936, Serial No. 115,540. In Great Britain December 23, 1935
5 Claims. (Cl. 75—67)

1. The process of producing metallic magnesium or its alloys which comprises heating magnesium nitride Mg_3N_2 to a decomposition temperature of about 1600° C. thereby to dissociate it into its elements vaporous magnesium and nitrogen, and reacting the mixed vapors with an agent that readily combines selectively with the free nitrogen thereby holding the nitrogen against recombination, at or below such decomposition temperature, with the magnesium; and condensing the vaporous magnesium and collecting it in metallic form separately from the remaining products of the reaction; the nitrogen-combining agent being one or more of the group consisting of calcium carbide and calcium silicide and hydrogen gas in excess.

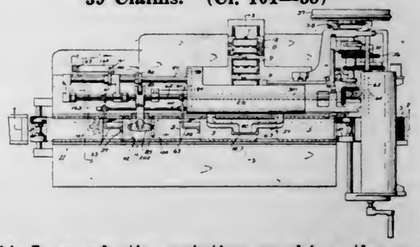
2,132,409
VEHICLE TRAILER
Joseph J. Gedeon, Fort Lauderdale, Fla.
Application June 24, 1937, Serial No. 150,186
4 Claims. (Cl. 296—23)

1. A vehicle of the class described comprising a main body, an auxiliary room forming body including a top, a front wall and a side wall fastened together, hinge means connecting the inner edge of the front wall to a side portion of the main body, the top of the auxiliary body passing over the top of the main body when the parts are swung into inoperative position on the hinge means, and a rear wall hinged to one edge to an adjacent edge of a wall of the auxiliary body, the side wall of the auxiliary body to pass in rear of



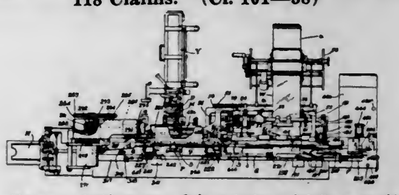
the main body when the parts are folded into inoperative position.

2,132,410
SELECTIVE PRINTING MACHINE
Walter T. Gollwitzer, Cleveland, Ohio, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware
Application May 8, 1935, Serial No. 20,415
Renewed July 6, 1938
39 Claims. (Cl. 101—58)



14. In a selective printing machine, the combination of a plurality of printing devices each having a changeable index tab and a series of additional record-making members, any one of which may be selectively rendered active according to the character of the index tab.

2,132,411
PRINTING MACHINE
Walter T. Gollwitzer, Cleveland, Ohio, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware
Application February 24, 1936, Serial No. 65,376
118 Claims. (Cl. 101—58)



1. In a printing machine into which a unitary printing and control device bearing a record is inserted and which device includes a carrier having permanently reproducible type characters thereon constituting part of the record and which device has a control card on said carrier and wherein the carrier and card have aligned

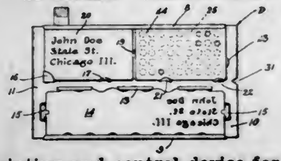
openings therein positioned and arranged to constitute another part of the record on the device, printing means constructed and arranged to make an impression directly from the permanently reproducible type characters on said device, and other means under control of said aligned openings for producing a record in association with the impression made from said type characters.

2,132,412
PRINTING AND CONTROL DEVICE

Walter T. Gollwitzer, Cleveland, Ohio, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware

Application February 24, 1936, Serial No. 65,377

28 Claims. (Cl. 101—369)



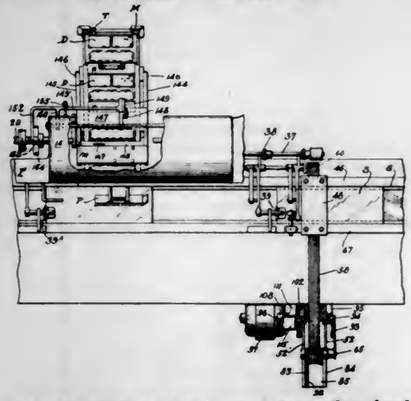
1. A printing and control device for producing a record and having part constructed and arranged to bear type characters from which part of the record may be produced directly and having another part thereof constructed and arranged to receive a card, said card and device being adapted to have one or more sets of aligned openings provided therein, said aligned openings being adapted to be so positioned and arranged that another part of the record may be produced indirectly under control thereof.

2,132,413
PRINTING MACHINE

Walter T. Gollwitzer, Cleveland, Ohio, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware

Application May 8, 1936, Serial No. 78,682

80 Claims. (Cl. 101—58)



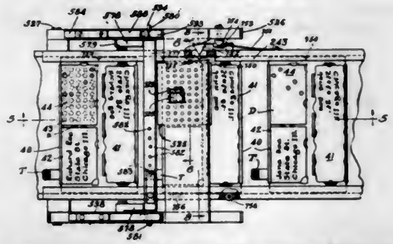
1. In a printing machine, means for feeding unitary printing and control devices through the machine, each of said devices bearing printing characters and control means, means cooperating with the printing characters on said devices to produce impressions on sheets passed into the machine directly from said printing characters so as to provide records on the sheets, and other means indirectly under control of the control means and operative to produce additional records on the sheets of different physical characteristics than the impressions.

2,132,414
PRINTING MACHINE

Walter T. Gollwitzer, Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del., a corporation of Delaware

Original application February 24, 1936, Serial No. 65,376. Divided and this application February 16, 1938, Serial No. 190,826

10 Claims. (Cl. 101—58)



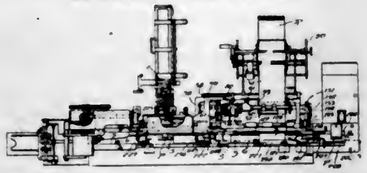
2. In a printing machine through which printing devices having locating means thereon are fed, means in said machine adapted to cooperate with said printing devices, and means engageable with said locating means for positioning the printing devices in predetermined relation with the means in the machine adapted to cooperate therewith.

2,132,415
PRINTING MACHINE

Walter T. Gollwitzer, Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del., a corporation of Delaware

Original application February 24, 1936, Serial No. 65,376. Divided and this application February 19, 1938, Serial No. 191,501

14 Claims. (Cl. 271—7)



1. A sheet feeding means for a printing machine or the like and comprising a roller, a shaft for supporting said roller in sheet engaging and feeding position, means operable on said shaft to set said roller in rapid rotation, a support for said shaft and roller, and power driven means operable independently of the means operating on said shaft and operable on said support to effect movement of said roller from and to sheet engaging position whereby upon engagement of said roller with a sheet during rapid rotation of the roller will insure feeding of the sheet.

2,132,416
SHORTENING MATERIAL AND CAKE MADE THEREFROM

Benjamin R. Harris, Chicago, Ill., assignor to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio

No Drawing. Application June 2, 1933, Serial No. 674,036

8 Claims. (Cl. 99—123)

1. A substantially dry shortening comprising fat of which not less than 98% is triglyceride and not less than 1% is higher fatty acid monoglyceride, said shortening functioning to increase the uniformity of distribution of moisture in flour batter emulsions containing much more aqueous material than flour.

8. A flour batter emulsion comprising an oleaginous material, aqueous material, solid material including flour, egg material, and less than 2% but not less than 1%, based on the amount of oleaginous material, of a higher fatty acid monoglyceride, the amount of aqueous material being greater than the amount of flour.

2,132,417
CAKE

Benjamin R. Harris, Chicago, Ill., assignor to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio

No Drawing. Application November 14, 1934, Serial No. 752,941

4 Claims. (Cl. 99—92)

1. A cake batter emulsion having included therein a proportion of a higher fatty acid ester of a polyglycerol with at least two free hydroxy groups, and a proportion of a higher fatty acid ester of glycerine with at least two free alcoholic hydroxy groups, the proportion of the polyglycerol ester being greatly in excess of the proportion of glycerine ester.

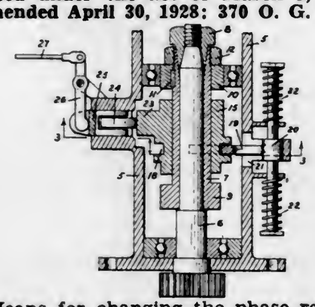
2,132,418
CLUTCH MECHANISM

James L. Hatcher, United States Army, Winchester, Va.

Application August 21, 1936, Serial No. 97,134

3 Claims. (Cl. 192—30)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. Means for changing the phase relation of a driving and a driven shaft including a driving shaft, a sleeve fixed on said shaft, spaced clutch members on the sleeve each having a claw, the claw of one member angularly displaced with respect to the claw of the other member, a driven shaft slidably and rotatably mounted on the sleeve between the spaced clutch members and having a claw on each end, means for shifting the driven shaft.

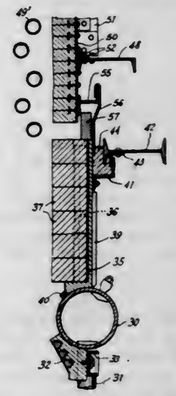
2,132,419
FURNACE WALL

David S. Jacobus, Montclair, N. J., assignor, by mesne assignments, to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey

Continuation of application October 28, 1927, Serial No. 229,326. This application September 20, 1935, Serial No. 41,448. In Canada September 7, 1929

39 Claims. (Cl. 122—235)

1. In a furnace, a lower wall section including a header and a row of wall tubes communicating with the header and extending downwardly therefrom, an intermediate wall section receiving support from the header and including vertical rows of superposed refractory wall elements extending a substantial distance above the header, a third wall section positioned above and in substantial alignment with the other two sections and supported independently of those sections, said third wall section including vertical rows of superposed ceramic refractories, and a furnace



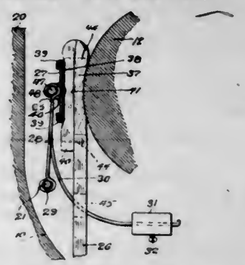
wall sealing structure contacting with the second and third wall section to maintain a gas-tight joint between those sections while permitting those sections to move relative to each other while under the influence of changes due to differences in temperatures of the different wall sections, the ceramic refractories of the intermediate and third sections being maintained in groups which are replaceable without access thereto from the interior of the furnace.

2,132,420
CAR JOURNAL LUBRICATOR

Aldred J. Jones, Chicago, Ill.

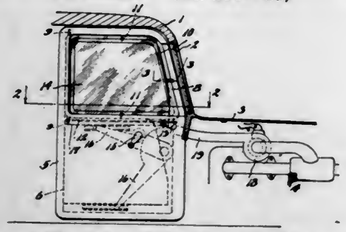
Application December 13, 1935, Serial No. 54,231

7 Claims. (Cl. 308—87)



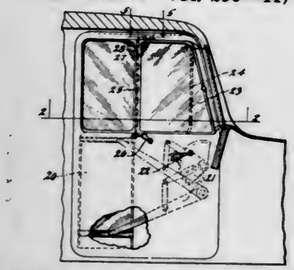
1. A journal lubricator comprising in combination an axle, a horizontal fulcrum element extending parallel with and laterally of the axle, a support for said fulcrum element, an upwardly inclined pad holder fulcrumed at its lower end on said fulcrum element and inclined in a direction toward the axle, a lever arm rigid with and extending laterally from the pad holder in a direction toward the lower side of the axle, and a pad secured at its upper end to the upper end of the pad holder and depending entirely on the side of the pad holder from which the lever arm extends, whereby the pad co-operates with the lever arm to press the upper end of the pad against the axle.

2,132,421
VENTILATING MEANS FOR VEHICLES
Charles Kannel, Cleveland, Ohio
Application October 22, 1936, Serial No. 107,078
11 Claims. (Cl. 296—44)



4. A vehicle body having a window opening therein, a window closure for said opening, a vertically movable deflector mounted inwardly and in a fixed angular position relative to the closure so as to form a substantially V-shaped pocket therebetween, and means for independently adjusting the vertical deflector relative to the window opening and closure.

2,132,422
VEHICLE VENTILATING MEANS
Charles Kannel, Cleveland, Ohio
Application March 1, 1937, Serial No. 128,505
11 Claims. (Cl. 296—44)



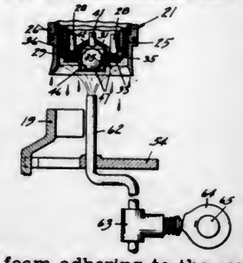
1. In vehicle ventilating means of the class described, the combination with a window opening, and a closure member for closing a portion of the window opening, of a pair of deflector members disposed in register with the other portion of the window opening, and means for swinging one of said members outwardly of the window opening to a position extending over the portion of the opening controlled by the first mentioned closure member when the latter is in opened position.

2,132,423
PELLET LITHARGE
Louis G. Klinker, Hammond, Ind., assignor to The Glidden Company, Cleveland, Ohio, a corporation of Ohio
No Drawing. Application February 11, 1937, Serial No. 125,302
7 Claims. (Cl. 23—245)

1 A substantially non-dusting pellet of particles of substantially pure litharge bonded together by basic lead acetate.

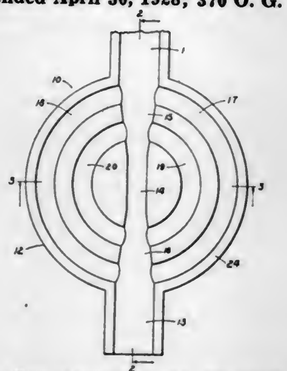
2,132,424
LIQUID FILLING MACHINE
John Daniel Le Frank, Maplewood, N. J., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application September 3, 1935, Serial No. 39,060
11 Claims. (Cl. 226—98)

4. In a machine for filling liquid into containers, the combination of a filling head adapted to receive a container to be filled, a valve in said head for controlling the filling of liquid into the container while in the head, means for projecting a cleaning agent against said valve for removing



liquid and foam adhering to the same following a filling operation, and elements associated with said liquid and foam removing means for controlling their operation after each filling operation.

2,132,425
MUFFLER
George P. List, South Seattle, Wash.
Application June 22, 1936, Serial No. 86,487
6 Claims. (Cl. 181—46)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



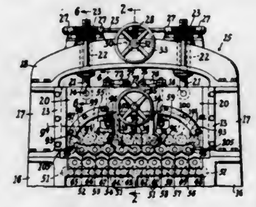
1. A muffler comprising an entrance pipe, an exhaust pipe, and a plurality of conduits connecting said entrance pipe to said exhaust pipe, said conduits being of lesser diameter than said entrance pipe, some of said connecting conduits being longer than the others of said connecting conduits, and a short, substantially straight conduit leading from said inlet pipe at one side to said outlet pipe at the opposite side, a tapering conduit connecting said inlet pipe to said straight conduit and an expanding conduit connecting said straight pipe to said outlet pipe, said longer conduits being semi-circular and leading from said tapering conduit to said expanding conduit.

2,132,426
METHOD AND APPARATUS FOR STRAIGHTENING SHEET MATERIAL
Friedrich K. Mäussnest, Woodside, N. Y., assignor to Hedweg Mäussnest, Woodside, N. Y.
Application September 4, 1935, Serial No. 39,091
19 Claims. (Cl. 153—54)

10. In mechanisms of the character described, a unit comprising straightening rolls forming a row, said unit including two wing sections to sustain said row of rolls in groups, common means

for raising or lowering said two wing sections including their associated straightening rolls, and further means for tilting each of said wing sections in such a manner that the apex of the tilting angle of one of said wings is directed toward the apex of the tilting angle of the other wing.

18. The method of treating sheet or strip material which comprises passing it through a series of roll trios to subject the material to wave-



shaped roll passes, directing a lesser bending action upon the material in the first roll trio than in the succeeding intermediate roll trios in such a way that the bending action in each of said intermediate roll trios is gradually and successively increased, and then gradually decreasing the bending action on the material in the final roll trios to a minimum to flatten out the material.

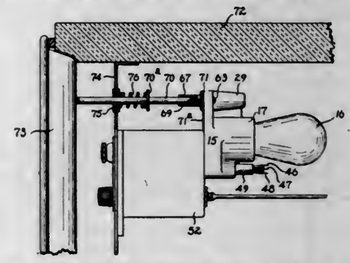
2,132,427
ELECTRICAL DISCHARGE DEVICE
John H. McCauley, Hillside, N. J.
Application January 23, 1936, Serial No. 60,496
23 Claims. (Cl. 176—122)



1. A luminous discharge device comprising a closed glass envelope containing a rare gas and spaced electrodes and a filler of insulating material within that part of the envelope which lies between said electrodes, said filler affording a plurality of paths for the electrical discharge, and electrically conductive material arranged in contact with or closely adjacent the outer side of the envelope adjacent the portion thereof containing the filler, said material being insulated from the electrodes.

2,132,428
DOOR-CONTROLLED LIGHTING UNIT FOR REFRIGERATORS AND THE LIKE
George J. Meuer, Milwaukee, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application September 14, 1936, Serial No. 100,611
6 Claims. (Cl. 240—4)

1. In a device of the character described, in combination, a one-piece molded insulating base having a wiring cavity formed in the rear surface thereof, said base having a forwardly opening conductor passage communicating with said cavity, three wiring terminal members located within said cavity, a pair of plug jack engaging contacts located within said cavity and respectively connected with two of said terminal members, said base having a recess formed in the front surface thereof, center and screw-thread type lamp socket contacts located within said recess, one of said two terminal members and the third terminal member being adapted to provide for connection of said center and screw-thread type lamp socket contacts to a source of current supply independently of the other of said two terminal members, a switch for interrupting and completing said connection, the stationary and movable contacts of said switch being carried by said base in laterally offset relation to said wiring cavity, one stationary contact being connected



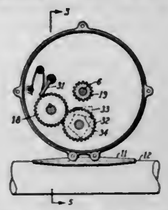
with one of said two terminal members and the other stationary contact being connected with one of said socket contacts, a spring carried by said base for biasing said movable contact to a given extreme position, and means to provide for movement of said contact out of said extreme position against said bias.

2,132,429
METHOD AND APPARATUS FOR THE MANUFACTURE OF UPHOLSTERY
Allister S. Mitchell, Detroit, Mich., assignor to National Automotive Fibres, Inc., Detroit, Mich., a corporation of Delaware
Application April 17, 1935, Serial No. 16,868
12 Claims. (Cl. 112—2)



1. In upholstery manufacture: feeding a cover-fabric and progressively forming an M-shape seam-ridge therein; feeding a second fabric and progressively forming an M-shape seam-ridge therein and nesting the seam-ridges; and connecting the plies of the forwardly advancing steam-ridges by transverse stitches.

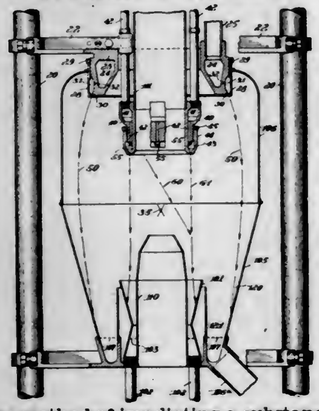
2,132,430
FISHING REEL
John S. Norton, San Francisco, Calif.
Application June 26, 1936, Serial No. 87,378
6 Claims. (Cl. 242—84.7)



3. In a fishing reel, a frame including two spaced discs having registering slots therein, bearing blocks freely slidable in the slots, a spool revolvable in the bearing blocks having a pinion secured thereto, the bearing blocks each having a flange on one side only riding on the inner faces of the discs, and a driving gear for the pinion

positioned to mesh therewith when the bearing blocks occupy a predetermined position in the slots.

2,132,431
IRRADIATING METHOD AND APPARATUS
Brian O'Brien, Rochester, N. Y.
Application April 27, 1934, Serial No. 722,751
23 Claims. (Cl. 99—248)



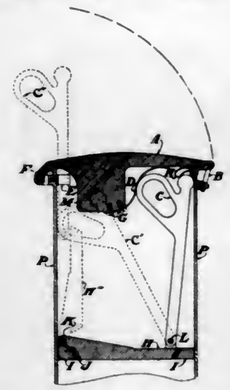
1. The method of irradiating a substance which comprises providing a source of rays in proximity to a substance to be irradiated, and interposing between said source and said substance a freely flowing continuous film of liquid unsupported through a distance in the direction of flow many times greater than the thickness of said film and flowing with a velocity having a component in a direction tending to counteract the tendency of surface tension of the liquid to break or contract the film.

4. The method of producing a continuous thin liquid film unsupported throughout a substantial area, which comprises causing liquid to leave a film-forming surface in an oblique direction with a component of velocity in a direction tending to counteract the effect of surface tension on said film.

14. Apparatus for forming a thin film of flowing liquid which is continuous and free of any solid support and of approximately uniform thickness throughout a relatively great distance in the direction of flow in comparison to the thickness of the film, said apparatus comprising means forming a substantially annular passageway having a substantially circular continuous slot opening therefrom, and means for introducing liquid into said passageway under pressure and with a velocity component in a circular direction around said passageway, so that said liquid will issue from said passageway through said slot with a velocity component along said slot as well as a velocity component in a direction leaving said slot, and will form a hollow spinning film, the spinning motion thereof causing centrifugal force which will tend to counteract the effect of surface tension.

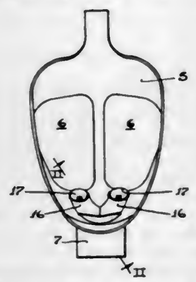
16. Film forming apparatus comprising means for forming a continuous thin film of flowing liquid free of any solid support through an area of relatively large size, and means for receiving said film unbroken in a gas-tight manner, said receiving means including a surface in the path of the film and inclined at an acute angle to the direction of flow of the film, so that the film may impinge upon said surface and flow along said surface to make a gas-tight seal therewith.

2,132,432
SAFETY CAP FOR LIQUID TANK FILLER SPOUTS
Anderson Offutt, United States Navy
Application December 7, 1936, Serial No. 114,627
4 Claims. (Cl. 220—29)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A safety closure for a gas tank or the like comprising a filling neck; a cover for said neck; a valve arranged within said neck in spaced relation to said cover; a rod pivotally connected with said valve and accessible from the exterior of said neck when said cover is open for opening and closing said valve independently of said cover, said rod projecting out of said neck and into the path of movement of said cover when said cover and valve are both open to prevent the closing of said cover while said valve is open; a projection on the under side of said cover for engagement with said rod for preventing movement of said rod and valve when said cover is closed and latch means for preventing accidental movement of said rod and the opening of said valve when said cover is open.

2,132,433
GAS MASK
Thomas A. O'Leary, Pittsburgh, Pa., assignor to Acme Protection Equipment Company, a corporation of Pennsylvania
Application October 6, 1937, Serial No. 167,570
2 Claims. (Cl. 128—141)



1. In combination in a gas mask having a body portion and a pair of lenses, an inlet tube having at its inner end a pair of branch tubes each of which has an open discharge end forming a valve seat lying in a plane transverse to a lens

and at one end thereof, and a check valve of thin flexible sheet material mounted on each seat and hinged thereto at the side of the branch tube remote from the lens so that when the valve swings open it forms a baffle directing the incoming air against the lens.

2,132,434
PROCESS OF PREPARING A PROTEIN MATERIAL
Philip Rauer, New York, and Paul Torrington, Jr., Forest Hills, N. Y., assignors, by mesne assignments, to Soysein Process Corporation, a corporation of New York
No Drawing. Application August 25, 1934, Serial No. 741,524
3 Claims. (Cl. 134—12)

2. The process of forming a vegetable protein material which comprises dissolving protein from a vegetable meal, separating the protein-containing solution, precipitating the protein by acid treatment, separating the precipitate from the supernatant liquid, eliminating protein material soluble in the acid precipitator solution, bringing the precipitate to a condition of a plastic mass, and adding an alkali metal sulphite and preserving the plastic condition in the mass whereby the product can be directly shipped as a paste containing sulphite and be used in the paper-coating industry in paste form.

2,132,435
AGING DISTILLED ALCOHOLIC SPIRITS
Clarence K. Reiman, Newton, Mass., assignor to R. G. N. Development Corporation, Boston, Mass., a corporation of Massachusetts
No Drawing. Application June 6, 1934, Serial No. 729,229
10 Claims. (Cl. 99—48)

1. The process of aging distilled alcoholic spirits, which consists in accelerating the rate of the esterification reactions between the several acids and alcohols occurring therein, by maintaining the raw distillate being treated at a temperature near its boiling point in the presence of finely divided wood char from which all extractives soluble in boiling alcohol solutions have been completely leached.

2,132,436
FOOD MATERIAL AND METHOD OF MAKING SAME
Marvin C. Reynolds, Benjamin R. Harris, and Albert K. Epstein, Chicago, Ill.; Lulu E. Reynolds, and First National Bank of Chicago, executors of said Marvin C. Reynolds, deceased, assignors to The Procter and Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application March 5, 1934, Serial No. 714,112
12 Claims. (Cl. 99—94)

1. A process for improving baked flour products which includes the steps of comminuting and intimately mixing a pulverulent hydrophilic lipin having at least one unesterified hydroxy group, said hydrophilic lipin being selected from the group, consisting of higher fatty acid esters of glycerin, polyglycerols, sugars, sugar alcohols, and hydroxy-carboxylic acids, and a dry, nonfarinaceous ingredient used in baked flour products, the amount of hydrophilic lipin being sufficient to materially improve the texture, tenderness, and keeping qualities of baked goods in which the mixture is used, and thereafter admixing such dry comminuted mixture with other ingredients of baked flour products including flour, shortening and aqueous material to form a dough or batter suitable for baking.

9. A substantially dry powdered mixture containing flour, shortening, and a high melting point hydroxy fatty ester having at least two unesterified hydroxy groups and consisting of a polyhydroxy substance, the latter containing more than three carbon atoms, incompletely esterified with higher fatty acid.

2,132,437
PREPARING EDIBLE FAT
Albert S. Richardson and Eddy W. Eckey, Wyoming, Ohio, assignors to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application April 26, 1935, Serial No. 18,466
7 Claims. (Cl. 99—123

1. The process of preparing a deodorized blend of fatty glycerides which comprises treating a body of triglyceride fat with a current of steam under vacuum at elevated temperature and adding thereto during the latter part of said deodorization a smaller quantity of fat containing glycerides selected from the group consisting of monoglycerides and diglycerides derived from previously deodorized triglyceride fat and continuing such treatment for a sufficient period to decrease substantially the tendency of the fat to smoke during frying without extensive loss of combined glycerin from the fat.

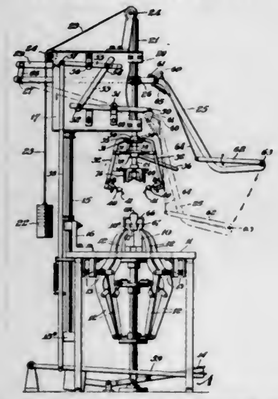
2,132,438
METHOD OF COATING METAL
Gerald C. Romig, Elkins Park, Pa., assignor to American Chemical Paint Company, Ambler, Pa., a corporation of Delaware
No Drawing. Application December 11, 1933, Serial No. 701,869
10 Claims. (Cl. 204—1)

1. In the art of coating metals less noble than lead with water insoluble metallic phosphate, the method which comprises electrodepositing the coating by using the metal as an electrode in an electrolyte containing phosphate anions and cations of metal of the coating and passing a reversing current through said electrolyte by means of said electrode.

2,132,439
METHOD OF PRODUCING PHOSPHATE COATED FERROUS ARTICLES
Gerald C. Romig, Elkins Park, Pa., assignor to American Chemical Paint Company, Ambler, Pa., a corporation of Delaware
No Drawing. Application May 12, 1936, Serial No. 79,276
18 Claims. (Cl. 204—1)

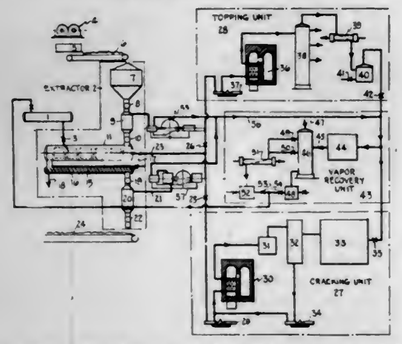
1. In the art of coating iron or steel with a water insoluble metallic phosphate, the method which comprises electrodepositing the coating by using the metal as an electrode in an electrolyte containing phosphate anions and the cations of a metal from the class consisting of zinc, cadmium, calcium, nickel, cobalt and manganese, passing a reversing current through said electrolyte by means of said electrode and periodically adding to the electrolyte an agent for the removal of iron from the solution, said agent being from the class consisting of ferricyanides, permanganates, dichromates, hydrogen peroxide, nitrous acid and a salt of the latter.

2,132,440
SHOE-SOLE LAYING MECHANISM
John Milton Rohrer, Orwigsburg, Pa.
Application August 26, 1933, Serial No. 686,937
Renewed December 14, 1937
29 Claims. (Cl. 12—1)



1. The combination with a support receiving a lasted upper in pulled-over condition, such upper having a portion projecting above the last; of means for flattening said projecting portion; and means for applying a sole to said flattened portion of the upper and for clamping said sole in place upon such upper.

2,132,441
EXTRACTION OF PETROLEUM FROM SOLID MATERIALS
Henry Rosenthal, New York, N. Y.
Application August 4, 1934, Serial No. 738,405
8 Claims. (Cl. 196—14)



1. The method of extracting oil-shale which comprises dissolving shale-oil in a hydrocarbon liquid that is gaseous at normal temperatures and pressure by contacting the oil-shale with said hydrocarbon delivered and applied to said oil shale while said hydrocarbon is in the liquid phase, maintaining said hydrocarbon in the liquid phase while in contact with said oil-shale; withdrawing the solution; subjecting the solution, while said solution still contains substantial amounts of the solvent, to the action of heat at such temperature that pyrolytic reactions take place; then separating the solution into fractions, including one fraction of the character of the solvent used; and returning a portion of said fraction to the dissolving step.

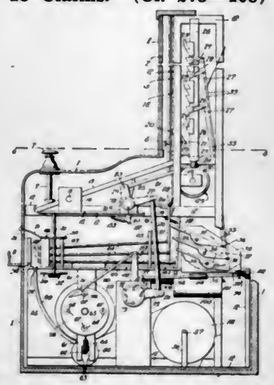
2,132,442
SYNTHETIC RESINS
Henry S. Rothrock, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 9, 1936, Serial No. 73,588
10 Claims. (Cl. 260—8)

1. A synthetic resin of low acid number and soluble in organic solvents which comprises the product obtained by reacting formaldehyde with an organic solvent-insoluble polyhydric alcohol-polycarboxylic acid resin a substantial proportion of whose unesterified carboxyl groups have been converted to $CONH_2$ groups, said reaction being continued until the insoluble resin is converted to a clear homogeneous soluble resin when cooled.

2,132,443
PLANOGRAPHIC PLATE AND METHOD
Francis L. Simons, Needham, Mass.
No Drawing. Application August 24, 1936, Serial No. 97,599
15 Claims. (Cl. 41—41.5)

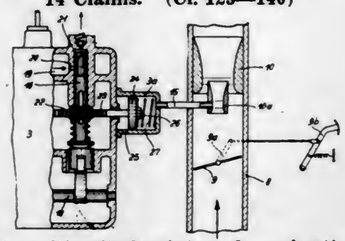
1. A lithograph plate comprising a backing sheet composed of paper which is non-stretching when subjected to the lithographing process, said paper coated with a flexible base coating firmly adhering thereto, and a surface film of precipitated silica over said base coating.

2,132,444
AMUSEMENT DEVICE IN WHICH WEIGHTS ARE PROJECTED UPWARDLY
Arthur Bulmer Smeal and Walter Kingsley Jull, Calgary, Alberta, Canada
Application February 12, 1936, Serial No. 63,662
In Canada September 16, 1935
18 Claims. (Cl. 273—108)



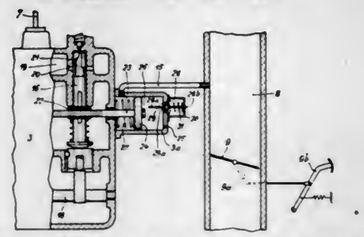
6. In an amusement device of the class described, a plurality of vertically disposed channels, a weight for each channel and freely movable therein, means for imparting motion to each weight to project the same upwardly within its corresponding channel, a plurality of movable means disposed in back of each channel at predetermined levels thereof, each for catching and suspending the corresponding weight projected upwardly therein at the conclusion of its upward motion, means carried by each weight for visually indicating the position thereof within its channel, and means controlled by said movable means for separately recording the position of said weights projected upwardly in said channels when said weights engage therewith and are suspended thereby.

2,132,445
SPEED GOVERNOR FOR INJECTION INTERNAL COMBUSTION ENGINES
Alfred Schweizer, Stuttgart, Germany, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany
Application January 11, 1934, Serial No. 706,298
In Germany October 7, 1933
14 Claims. (Cl. 123—140)



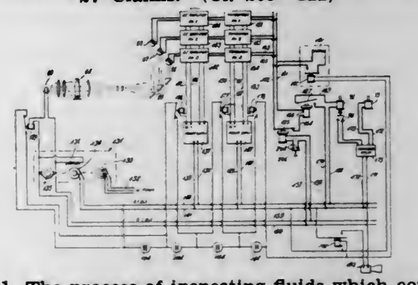
14. A multi-cylinder internal combustion engine, including in combination an induction passage, a venturi constituting part of the induction passage, a throttle valve controlling the air inlet of the induction passage, a metering pump driven by the engine for introducing liquid fuel separately into the air charge for each cylinder to form a combustible mixture, a control member for varying the quantity of fuel delivered by the metering pump, a member subject to and movable in accordance with variations in the pressure at the throat of the venturi, and means whereby movement of the said member effects movement of the metering pump control member to reduce the quantity of fuel delivered when the pressure at the Venturi throat is reduced and to increase the quantity of fuel delivered when the pressure at the Venturi throat increases.

2,132,446
SPEED GOVERNING APPARATUS FOR INJECTION INTERNAL COMBUSTION ENGINES
Alfred Schweizer, Stuttgart, Germany, assignor to Robert Bosch Gesellschaft mit beschrankter Haftung, Stuttgart, Germany
Application November 21, 1934, Serial No. 754,160
In Germany December 1, 1933
9 Claims. (Cl. 123—140)



1. The combination with an internal combustion engine of the injection type having an air intake manifold and a throttle valve therein, of adjustable fuel injection means, a displaceable control member connected to said fuel injection means for controlling the fuel supply to said engine, means housing said control member and defining with the two sides thereof two chambers, one on each side of said control member, means for applying a relatively constant pressure on one side of said control member, means connecting one of said chambers to the atmosphere, means connecting the other of said chambers to the intake manifold on the engine side of the throttle valve, whereby the pressure variations in the intake manifold will function to displace said control member by differential pressure acting thereon and to adjust the fuel injection means, and means responsive to the position of the throttle valve in the intake manifold corresponding to the idling speed of the engine to vary the instantaneous value of the differential pressure and functioning to reduce the value of said differential pressure and dampen its action in displacing said control member in a direction reducing the fuel supply to idling quantities.

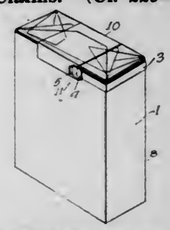
2,132,447
PROCESS AND APPARATUS FOR INSPECTING FLUIDS
George Philip Stout, Decatur, Ga., assignor, by mesne assignments, to The Coca-Cola Company, Wilmington, Del., a corporation of Delaware
Application February 5, 1935, Serial No. 5,143
27 Claims. (Cl. 209—111)



1. The process of inspecting fluids which comprises: moving the fluid through a beam of radiant energy; detecting abrupt change in intensity of transmitted energy caused by interception of a portion of said energy by the passage of a body of foreign material with the fluid through said beam while a test is being applied.

9. Apparatus of the class described comprising, in combination: radiant energy means to inspect liquid contained in closed packages; means to move the packages to and from a point of inspection; means to prevent relative movement between the package and said first named means during inspection; and means to cause motion of the liquid in the package during inspection.

2,132,448
PACKAGE
John Stephens, Chicago, Ill., assignor of one-half to Raymond E. Axelstrom, Chicago, Ill.
Application February 8, 1937, Serial No. 124,699
7 Claims. (Cl. 229—51)



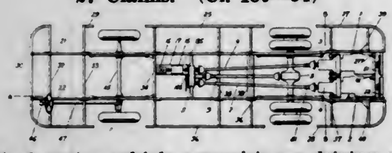
1. A package comprising inner and outer wrappers each having a slit formed to lie in a wall of said package in registry with each other, and a peelably removable tape-like sealing strip applied on the outside of said outer wrapper and

extending lengthwise over the slit therein, said sealing strip having a free end projecting lengthwise beyond the end of the outer wrapper slit whereby said strip may be peeled from said outer wrapper and a retaining means for the free end of the sealing strip.

2,132,449
CRYSTALLINE FERRIC SULPHATE AND METHOD OF PREPARING THE SAME
John F. White, Somerville, Mass., assignor, by mesne assignments, to Monsanto Chemical Company, a corporation of Delaware
No Drawing. Application May 16, 1934, Serial No. 725,904
4 Claims. (Cl. 23—126)

4. The method of producing dry, porous, readily and substantially completely soluble ferric sulphate which is essentially the normal ferric sulphate characterized in that an aqueous solution of ferric sulphate corresponding substantially in combined Fe_2O_3 and SO_3 content to the normal ferric sulphate, which is of a concentration of approximately 60° Baumé (taken at the boiling temperature), is cooled in the presence of an added seeding agent composed of hydrated normal ferric sulphate crystals while allowing it to expand several times in volume and form a resulting product which is essentially free of liquid phase, and composed substantially of crystals of hydrated normal ferric sulphate.

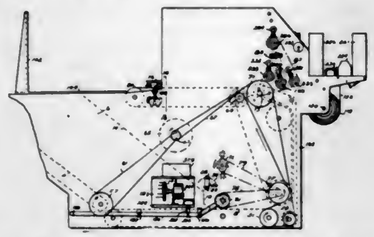
2,132,450
MOTOR VEHICLE
Austin M. Wolf, Plainfield, N. J.
Application April 7, 1932, Serial No. 603,701
Renewed June 25, 1937
27 Claims. (Cl. 180—54)



24. A motor vehicle comprising a driving axle, a dead axle, a plurality of prime movers located between said driving axle and the adjacent end of the vehicle, a transfer case located between said axles comprising a plurality of driving shafts, gears upon said shafts, propeller shafts with flexible connections at the extremities thereof between said prime movers and said transfer case shafts, a driven shaft in said transfer case, a gear on said shaft meshing with the driving shafts' gears, and a propeller shaft with flexible connections at the extremities thereof between said driven shaft and said driving axle.

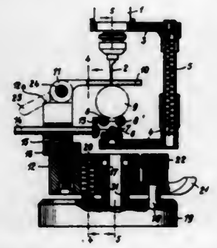
2,132,451
MACHINE FOR SEPARATING, COUNTING, AND DELIVERING SHEET MATERIAL
Otto Edward Wolff, Belmont, Mass., assignor, by mesne assignments, to Paul S. Bauer, Belmont, Mass., as trustee of the R. S. Bauer Trust
Application October 7, 1935, Serial No. 43,928
36 Claims. (Cl. 101—58)

2. Apparatus of the character described comprising a hopper for receiving a plurality of sheets, a conveyor at one end of the hopper against which the sheets in the hopper are pressed, the hopper having a wall extending to very close to the conveyor, but with a space near the conveyor to permit the conveyor to convey a sheet or sheets from the hopper to outside the hopper, and means for engaging one of the sheets conveyed by the conveyor from the hopper to



outside the hopper, and for slowing down its speed of travel to cause the sheets to become lapped or separated.

2,132,452
ENGRAVING MACHINE
Kurt Zwick, Munich, Germany, assignor to Friedrich Deckel, Munich-Prinz Ludwigshohe, Germany
Application July 26, 1933, Serial No. 682,309
In Germany August 1, 1932
15 Claims. (Cl. 33—22)

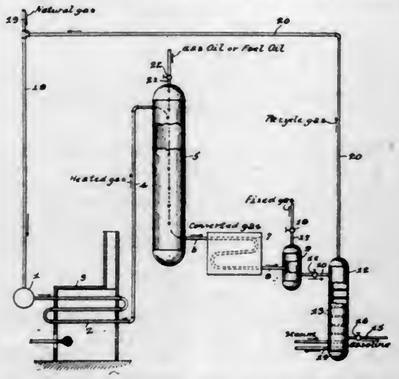


1. An engraving machine particularly adapted for engraving on work capable of being rolled, comprising a track and a tool carrier mounted for movement relatively to each other, and means operatively connected to said tool carrier for holding said work against the side of said track which is remote from said tool carrier and for causing relative movement between said work and said track in accordance with relative movements between said tool holder and said track in one direction, so that said work during said relative movements will roll on said track, and so that a tool held by said tool carrier may operate upon that side of the work which is toward said track.

2,132,453
HYDROCARBON FLUID CONVERSION PROCESS
Malcolm P. Youker, Bartlesville, Okla., assignor to Phillips Petroleum Company, Bartlesville, Okla., a corporation of Delaware
Application May 12, 1932, Serial No. 610,907
11 Claims. (Cl. 196—9)

11. A process for the conversion of normally gaseous hydrocarbons to normally liquid hydrocarbons, comprising flowing a stream of said gaseous hydrocarbons through a restricted passageway and heating said gaseous material therein to a temperature above 750° F. and sufficiently high to cause the reformation of a portion of said

gaseous hydrocarbons into normally liquid hydrocarbons, passing said heated gaseous material through an enlarged reaction zone, in which said heated material is retained for a sufficient length of time to cause the reformation of some of said normally gaseous hydrocarbons into normally liquid hydrocarbons, adding normally



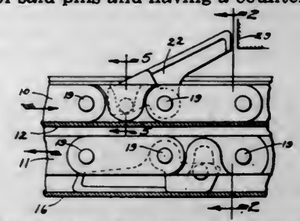
liquid hydrocarbons to said stream in the reaction zone to cause reaction between the hydrocarbons of the stream and the added liquid hydrocarbons, said heating and reaction being conducted under pressure in excess of 500 pounds per square inch, and separating gasoline from the resulting mixture.

2,132,454
MANUFACTURE OF HYDROXY AMINO COMPOUNDS
Henry Hall Bassford, Jr., Naugatuck, Conn., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application July 6, 1935, Serial No. 30,167
7 Claims. (Cl. 260—130.5)

1. A process of making an amino hydroxy derivative of a cyclic compound from a nitro derivative of the corresponding parent cyclic compound, which comprises reacting a chemical reducing agent with the nitro cyclic compound in the presence of water under substantially neutral conditions whereby to form the corresponding hydroxylamine, thereafter acidifying the said solution containing the hydroxylamine compound, without isolation or purification of the latter, with a non-oxidizing mineral acid compound, and heating the solution to rearrange the hydroxylamine compound to an amino hydroxy derivative, the total amount of water present after acidification and rearrangement being insufficient to dissolve more than about 20% of the finally formed derivative, then cooling and neutralizing the solution whereupon the amino hydroxy derivative precipitates and is separated from the watery mother liquor by filtration.

2,132,455
PUSHER DOG FOR CONVEYER CHAINS
Leonard J. Bishop, Detroit, Mich., assignor to Mechanical Handling Systems, Inc., Detroit, Mich., a corporation of Michigan
Application May 14, 1936, Serial No. 79,712
8 Claims. (Cl. 198—170)

2. In a conveyer, a chain comprising links with vertical side members, shoulders on the inner surfaces of said side members, pivot pins connecting said links, a pusher member pivotally mounted on one of said pins and having a counterbalanced

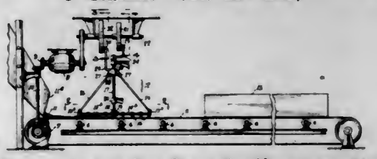


end, projections on said counterbalanced end for contacting said shoulders of said links.

2,132,456
DYEING CELLULOSE ESTERS AND ETHERS
Harold Blackshaw and Maurice Arthur Thorold Rogers, Blackley, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application August 4, 1936, Serial No. 94,262. In Great Britain August 14, 1935
3 Claims. (Cl. 8—5)

1. A process of dyeing cellulose ester and ether materials which comprises applying to the material a bath containing a triazene compound prepared from a diazotized aryl amine which upon acidification yields a diazo salt that is capable of coupling with an azo dye coupling component, said bath being alkaline and containing sufficient base to prevent the splitting-off of a diazo salt from the triazene compound but an insufficient quantity and concentration of base to saponify said material, and then developing in the presence of an azo dye coupling component by applying an acid bath.

2,132,457
METHOD OF AND MEANS FOR ORIENTING STRAND MATERIAL
Joseph Lovejoy Blackshaw, Brooklyn, N. Y., assignor to Walter L. Fleisher, New York, N. Y.
Application July 3, 1937, Serial No. 151,953
8 Claims. (Cl. 19—115)



2. In an apparatus for orienting non-parallel filaments or strands of material, means providing a plurality of readily deformable parallelograms, the sides of said parallelograms being formed of substantially rigid members, and a plurality of elements in combination with said parallelograms adapted to penetrate between said filaments and to orient said filaments upon deformation of said parallelograms.

2,132,458
PURIFICATION AND GRANULATION OF PENTAERYTHRITOL TETRANITRATE
William Arthur Percival Challenor, Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application August 10, 1936, Serial No. 95,279. In Great Britain August 20, 1935
13 Claims. (Cl. 260—467)

1. A process for the production of pentaerythritol tetranitrate in granular form, which procthritol tetranitrate in granular form, which proc-

ess comprises diluting with water a concentrated solution of pentaerythritol tetranitrate in acetone, said dilution being effected near the boiling point of said solution, the final concentration of acetone in said solution being not less than 25%.

2,132,459

DEVICE FOR WASHING AUTOMOBILES

Burgess Cockcroft, Chicago, Ill.

Application September 13, 1937, Serial No. 163,543
3 Claims. (Cl. 299—112)



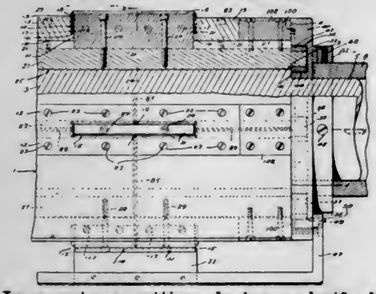
1. A device of the character described comprising a pair of inter-connected, spaced, ring members, lying substantially in the same plane and adapted to receive a user's fingers therethrough, a nozzle supported from said members extending away from the plane of the members in one direction, and fluid supply connection means for said nozzle extending in the opposite direction from the plane of said members.

2,132,460

CUTTING DEVICE

Harry A. Cumfer, Chicago, Ill., assignor to United States Gypsum Company, Chicago, Ill., a corporation of Illinois

Application December 4, 1935, Serial No. 52,773
9 Claims. (Cl. 164—33)



1. In a rotary cutting device, a knife blade mounted adjacent the periphery thereof with one of the faces or said blade which form the cutting edge extending in a plane transversely of the peripheral extent of the device, a member adjacent said face of the device arranged for movement in a direction generally parallel to said face of the blade, a cam surface described around the axis of rotation of said device, and a cam roller arranged for rolling upon said cam surface and connected to said member, said parts being arranged so that upon rotation of the device said member is moved outwardly from said axis.

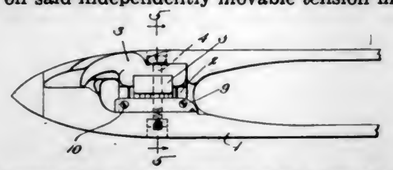
2,132,461

AUTOMATIC SHUTTLE FOR LOOMS

Harry A. Davis, Hopedale, Mass.

Application May 5, 1937, Serial No. 140,777
8 Claims. (Cl. 139—217)

1. In an automatically threading loom shuttle for looms, the combination of the shuttle body having a threading block provided with a longitudinally extending thread passage having a straight back wall, a side delivery eye communicating with the thread passage, a plurality of floating thread tensioning members independently mounted in and at the opposite side of the longitudinal thread passage, resilient means acting on said independently movable tension mem-



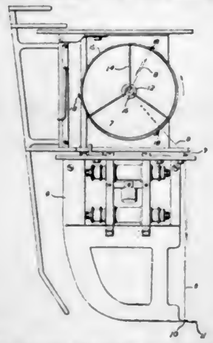
bers urging them transversely of the thread passage to clamp the thread against the straight back wall thereof and to cause each to exert less tension on the thread than is required for weaving but the aggregate of whose tension equals the total amount of tension necessary for weaving purposes.

2,132,462

THREAD-TENSIONING DEVICE FOR CIRCULAR LOOM SHUTTLES

William Alexander Dickie and Frank Corbyn Hale, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware

Application November 27, 1936, Serial No. 112,964
In Great Britain January 17, 1936
3 Claims. (Cl. 139—13)



1. A circular loom shuttle comprising a circular weft spool having flanges of considerable depth, means for holding said spool stationary in the shuttle, an annular guide disposed coaxially with the spool and adapted to prevent thread unwinding from the spool from contacting with a flange of the spool, and means co-operating with said guide for restraining too free passage of the thread round the guide.

2,132,463

MANUFACTURE OF ARTIFICIAL MATERIALS

Donald Finlayson and Ronald Bezant, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application November 3, 1936, Serial No. 108,966. In Great Britain December 14, 1935
4 Claims. (Cl. 28—1)

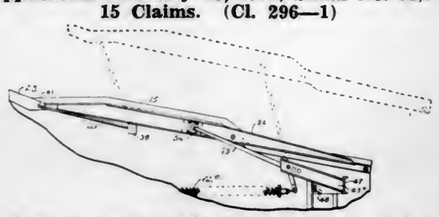
1. Process for the production of crepe fabrics containing crepe yarns of cellulose acetate or other organic derivative of cellulose, which comprises subjecting the fabric to a dry cleaning operation without effecting a swelling of said yarns, and then subjecting the fabric to a creping operation.

2,132,464

MOVABLE DECK FOR VEHICLES

Lynn M. Francis, Birmingham, Mich., assignor to Mechanical Handling Systems, Inc., Detroit, Mich., a corporation of Michigan

Application February 13, 1936, Serial No. 63,719
15 Claims. (Cl. 296—1)



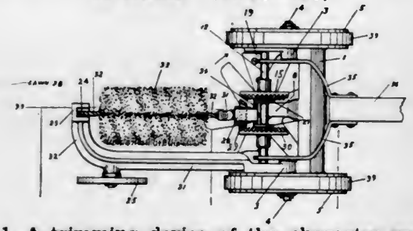
1. In an automobile transporting vehicle, a main frame, a movable upper deck structure and a fixed lower deck carried thereby, a pivotal mounting on said main frame, a lever mounted to swing on said pivotal mounting, a spring secured to said lever, and means connecting said upper deck structure with said lever at a distance from said pivotal mounting greater than the distance from said spring connection to said pivotal mounting.

2,132,465

LAWN TRIMMING DEVICE

Ernest Albert Gast, Cincinnati, Ohio

Application September 22, 1936, Serial No. 101,987
14 Claims. (Cl. 56—255)



1. A trimming device of the character specified comprising a frame, a fixed cutter carried by said frame, a movable cutter carried by and arranged to rotate on a vertical axis slidable in said frame, said movable cutter being arranged to be supported vertically by said fixed cutter, a wheel on which said frame is adapted to ride and means whereby said movable cutter is actuated by the rotation of said wheel to make shearing contacts with said fixed cutter.

2,132,466

COMBINATION APRON AND PLAY SUIT

Jacob Goldberg, New York, N. Y.

Application December 16, 1936, Serial No. 116,098
3 Claims. (Cl. 2—48)



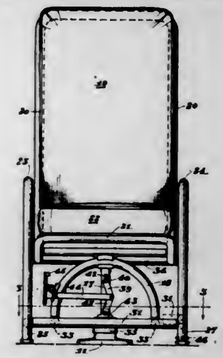
1. A combination apron and play suit comprising a front apron panel, a seat panel for converting said apron into a play suit, and means for holding said seat panel easily detachably connected with said front apron panel, said front panel being provided with shoulder straps adapted to cross at the back and having their ends connected with the side portions of said front apron panel, and an elastic element along the waistline of said seat panel, said seat panel being connected with the front apron panel at the crotch, by a releasable fastening device.

2,132,467

CHAIR

Walter M. Hanson, Grand Rapids, Mich., assignor to American Seating Company, Grand Rapids, Mich., a corporation of New Jersey

Application December 10, 1937, Serial No. 179,041
9 Claims. (Cl. 155—95)



2. In a structure of the class described, a chair supporting pedestal adapted to be secured to the floor in vertical disposition relative thereto, a chair having a plurality of depending legs and provided with a centrally depending tubular column slidably and rotatably embracing and springably supported by the pedestal for normally elevating the legs above the floor to permit rotation of the supported chair, a toggle having one link pivotally connected to the pedestal and having its other link pivotally connected to the column, and pedally controlled mechanism operatively connected with the toggle for depressing the spring supported column to effect frictional engagement of the legs with the floor to thereby prevent rotation of the chair.

2,132,468

PRINTING INKS

Archibald Alwyn Harrison and Stephen Hellicar Oakeshott, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application July 30, 1934, Serial No. 737,672. In Great Britain August 3, 1933
6 Claims. (Cl. 134—35)

3. A quick-drying, non-penetrating spirit printing ink containing the combination of a spirit solvent, an alkyl cellulose, and a spirit-soluble dye within the approximate ratios of solvent to alkyl cellulose of 90 to 1 and 7 to 1, and of solvent to dye of 50 to 1 and 10 to 1.

2,132,469

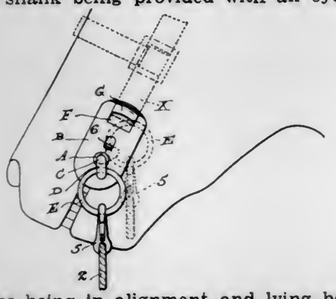
HORSE BIT

John Henry Hauser, Killam, Alberta, Canada

Application May 13, 1937, Serial No. 142,443
In Canada May 19, 1936
1 Claim. (Cl. 54—7)

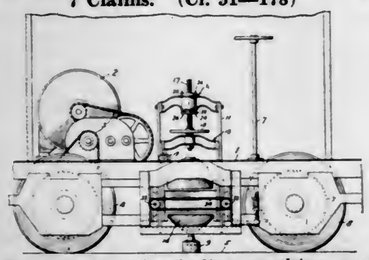
A horse bit comprising the combination of a tubular member adapted to lie within the mouth

of a draft animal; a cheek-plate fixedly attached to each end of said member, the upper end of each plate being formed to extend outwardly away from contact with the animal's cheeks when in use, and each provided with an aperture at its top portion to permit a bridle-strap to be attached thereto; a shank mounted within said member with its ends projecting beyond the ends thereof and through said cheek-plates, each end of said shank being provided with an eye, the



said eyes being in alignment and lying beyond the same side of said shank, the said shank intermediate said cheek-plates and said rings being formed into segments of greater radii than the radii of said eyes; a ring movably mounted in each of said eyes to which the driving-lines or ropes are to be attached, and a stop stamped from one of said cheek-plates with which the adjacent eye contacts to limit the axial movement of said shank, for the purpose specified.

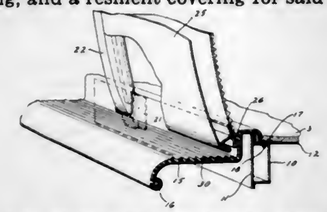
2,132,470
TRACK RAIL GRINDING MACHINE
Walter Hobson, Philadelphia, Pa., and Homer H. Woodrow, Milford, Del.
Application October 3, 1936, Serial No. 103,811
7 Claims. (Cl. 51—178)



6. In a track rail grinding machine mounted on a railway car and having motor driven grinding wheels of which the faces confront the rail heads, units each comprising, in combination, upright frames slidable in respect to each other and each held vertically against rocking motion, means for sliding the inner frame, a motor frame connected for turning movement to the inner frame, and means for rocking the motor frame in respect to the inner frame.

2,132,471
THRESHOLD
Walter C. Hoffman, Ferndale, Mich., assignor to The Murray Corporation of America, a corporation of Delaware
Application February 7, 1936, Serial No. 62,731
4 Claims. (Cl. 280—163)

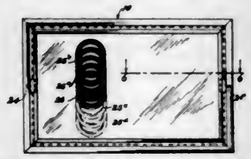
1. In a vehicle body construction having a door opening therein, a sill beneath said opening, a running board secured to the top of said sill and preformed to provide a threshold for said door opening, and a resilient covering for said running



board also extending through said door opening and covering said threshold.

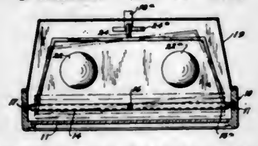
2,132,472
MIRROR SIGN
Norman En Holm, New York, N. Y., assignor to Multi Vue Signs Co., Inc., a corporation of New York
Application July 9, 1937, Serial No. 152,698
8 Claims. (Cl. 40—132)





1. In a sign of the class described, a casing, a sheet of transparent material having a translucent reflecting coating on one of its faces and forming a front mirror in said casing, a rear mirror in said casing having a translucent design, said mirrors having opposed reflecting surfaces, and means for continuously moving one of said mirrors.

2,132,473
MIRROR SIGN AND ELECTRIC CIRCUITS THEREFOR
Norman En Holm, New York, N. Y., assignor to Multi Vue Signs Co., Inc., a corporation of New York
Application July 9, 1937, Serial No. 152,699
8 Claims. (Cl. 40—132)

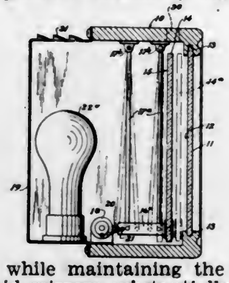


5. In a sign of the class described, a pair of mirrors adapted to produce multiple reflections, means for moving one of said mirrors to cause said multiple reflections to traverse a curved path including a framework for said last mirror adapted to move about vertical and horizontal axes, and means for illuminating said mirrors.

2,132,474
MIRROR SIGN WITH AN ELECTRIC CLOCK
Norman En Holm, New York, N. Y., assignor to Multi Vue Signs Co., Inc., a corporation of New York
Application July 9, 1937, Serial No. 152,700
12 Claims. (Cl. 40—132)

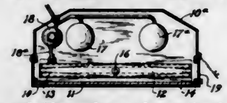
1. In a sign of the character described, a pair

of plane mirrors, means for continuously moving one mirror toward and away from the other mirror to produce constantly varying multiple



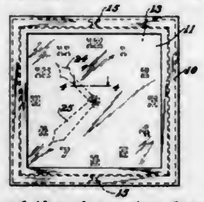
reflections while maintaining the opposed surfaces of said mirrors substantially parallel, and means for illuminating said mirrors.

2,132,475
MIRROR SIGN FOR ADVERTISING OR THE LIKE
Norman En Holm, New York, N. Y., assignor to Multi Vue Signs Co., Inc., a corporation of New York
Application October 19, 1937, Serial No. 169,761
10 Claims. (Cl. 40—132)



1. A sign of the class described comprising a casing, a pair of mirrors spaced apart and maintained in fixed relation to each other and movably supported in said casing, one of said mirrors being translucent, illuminated display matter carried on the other of said mirrors, and means for moving said mirrors to produce moving multiple reflections.

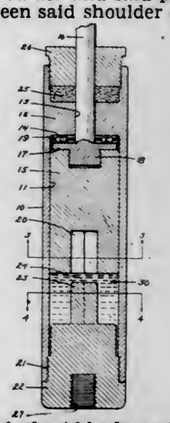
2,132,476
COMBINATION MIRROR AND CLOCK
Norman En Holm, New York, N. Y., assignor to Multi Vue Sign Co., Inc., a corporation of New York
Application October 19, 1937, Serial No. 169,762
11 Claims. (Cl. 272—13)



10. In a sign of the character described, a pair of apertured mirrors one of which is translucent, said mirrors adapted to produce multiple reflections, and a clock movement positioned behind said mirrors and having a shaft extending outwardly through said apertures therein, hands on said shaft, and clock-face indicia on one of said mirrors.

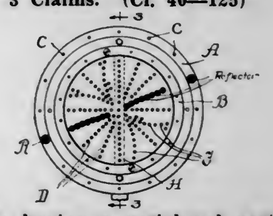
2,132,477
SUCKER ROD SWIVEL
Ed Hollyfield, El Dorado, Ark.
Application November 30, 1936, Serial No. 113,399
6 Claims. (Cl. 255—27)

1. A sucker rod swivel comprising a body portion having a downwardly facing shoulder therein, a piston within said body portion and having a cavity in the bottom thereof, a thrust bearing between said shoulder and said piston to receive the thrust between said shoulder and said piston,



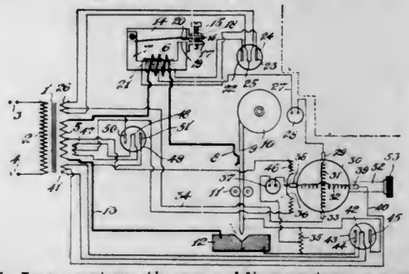
a plug in the end of said body and means on said plug for engagement with the cavity in said piston for locking the sections against turning movement with relation to each other.

2,132,478
SIGN FOR HIGHWAYS
Albert D. Ide, Chicago, Ill.
Application May 3, 1938, Serial No. 205,743
3 Claims. (Cl. 40—125)



1. A sign having a peripheral portion with means for indicating thereupon the horizon origin of intersecting roads and a central portion, adjustable with respect to said peripheral portion, provided with radial and curvilinear lines of means indicating the intersection of such roads at the center of said central portions.

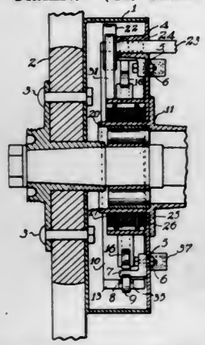
2,132,479
AUTOMATIC ARC WELDING SYSTEM
Claude J. Holslag, South Orange, N. J., assignor to Electric Arc Cutting & Welding Company, Newark, N. J.,
Application December 22, 1936, Serial No. 117,160
6 Claims. (Cl. 219—8)



1. In an automatic arc welding system, a source

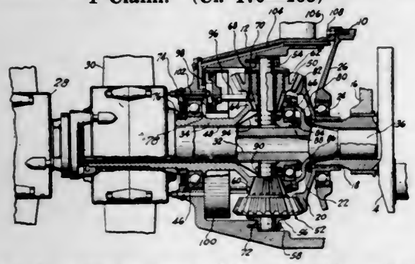
of welding current, means for feeding an electrode to the work to be welded comprising the other electrode, the electrodes being connected to said source of welding current, means for controlling the feed of the welding electrode in relation to the work, said feed-controlling means including an electro-magnetic device having two windings, one winding being energized by a voltage derived exclusively from across the arc, while the other winding is energized by a cooperative balancing voltage derived from said source of welding current but distinct from the current through the arc.

2,132,480
BRAKE
Peter Karlak and Arthur O. Stone, Rutherford, N. J.
Application April 3, 1937, Serial No. 134,700
4 Claims. (Cl. 188—78)



1. In a brake, a revolving drum, a pair of concentrically arranged brake shoes slideably mounted upon supports, said shoes being independently moveable in a radial sense to contact the inner surface of said drum, means for transmitting motive force simultaneously to each shoe, comprising a star wheel having a plurality of arms each adapted to ride over a progressively inclined surface on said shoes, whereby the rotation of said wheel causes radial displacement of said shoes and means for journaling said wheel concentrically with the axis of said drum, said means including a resilient ring support permitting eccentric motion of said wheel.

2,132,481
PROPELLER DRIVE FOR COAXIAL OPPOSITELY ROTATING PROPELLERS
Alexander H. King, West Hartford, Conn., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application April 25, 1936, Serial No. 76,435
1 Claim. (Cl. 170—165)



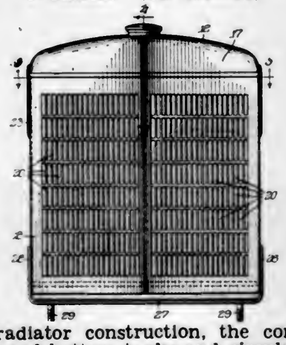
In a propeller drive for oppositely rotating controllable pitch propellers, an engine drive shaft, a pair of propeller carrying coaxial driven shafts, a beveled gear train comprising a ring gear on each of said driven shafts, a ring gear on said engine drive shaft, a plurality of pinion gears driven by the ring gear on said drive shaft and driving the ring gears on said driven shafts in opposite directions, and a fixed cage for mounting said pinion gears, a propeller adjusting sleeve between said driven shafts terminating at one end within said cage, a fixed annular cylinder adjacent to said cage, a piston reciprocable in said cylinder, arms on said sleeve extending through slots in said cage to connect said sleeve with said piston, and means for supplying hydraulic fluid to said piston.

2,132,482
CHAIR SEAT
Edward C. Klaiber, Memphis, Tenn., assignor to Wabash Screen Door Company, Chicago, Ill., a corporation of Minnesota
Application March 16, 1936, Serial No. 69,000
4 Claims. (Cl. 155—178)



1. In combination with a chair frame having upper front and rear rungs immediately below the seat level, a chair seat comprising a front supporting bar and a rear supporting bar, both bars being grooved on their under sides to form seats fitting over the chair rungs, and a set of resilient stiff slats extending transversely of said front and rear bars and secured thereto, the outer slats forming the side boundaries of said seat.

2,132,483
RADIATOR CONSTRUCTION
William C. Klespe, Beloit, Wis., assignor to Yates-American Machine Company, Beloit, Wis., a corporation of Delaware
Application March 26, 1937, Serial No. 133,127
6 Claims. (Cl. 293—54)



1. In radiator construction, the combination with top and bottom tanks and circulating core elements, of means for rigidly connecting the tanks comprising a sheet metal stamping of generally U-shaped horizontal section, the sides of which stamping are secured to the sides of both tanks and the front of which is disposed in forwardly spaced relation to the core elements.

2,132,484
METHOD OF PREPARING MUCINOUS SUBSTANCES
Philip Adolph Kober, Chicago, Ill., assignor to G. D. Searle & Co., Chicago, Ill., a corporation of Illinois
No Drawing. Application August 3, 1934, Serial No. 738,209
8 Claims. (Cl. 209—172)

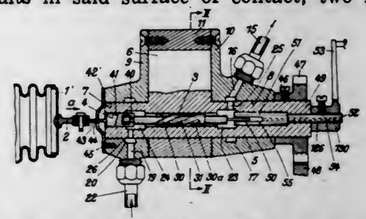
2. A process of preparing refined vegetable mucinous material, adapted for use in the treatment of diseases of the digestive tract, from seed hulls containing relatively large amounts of mucinous substances associated with cellulose, fiber, and other waste materials which would be irritating to the digestive tract, comprising subjecting a heterogenous mass of said hulls, which have been previously separated from the inner seeds or germs and disintegrated to loosen the mucinous substances from said cellulose, fiber, and other associated waste materials, to flotation in a halogenated hydrocarbon liquid which does not cause said mucinous substances to swell or dissolve and which is of proper density to cause the mucinous substances to separate from the associated particles of waste materials by reason of the differences in their respective densities, and removing said separated mucinous substances from said waste materials and flotation liquid.

2,132,485
METHOD OF MAKING FOOD PRODUCTS
Samuel Levison, Evanston, Ill., assignor to Orchard Products Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application February 9, 1935, Serial No. 5,859
4 Claims. (Cl. 99—132)

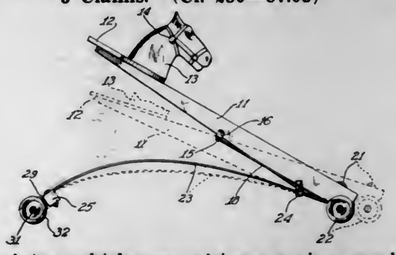
1. The process of making a food product of the class consisting of jelly, jam, preserves and marmalades having excellent color, flavor and aroma which comprises heating a mixture containing water, sucrose, acid and pectin to a temperature not substantially less than 212° F. and preferably to about 218° F. whereby to produce a substantially flavorless solution wherein the total soluble solid content thereof is approximately 65% but less than that desired in the final product, discontinuing applying heat to said solution, and then adding thereto a relatively small proportion of a solid material comprising a sugar whose normal water of crystallization is replaced by a natural fruit juice, said sugar being of a character which is readily soluble in the solution to which it is added, whereby the soluble solid content of the final product is increased simultaneously with the incorporation thereinto of the fruit flavor, no additional heat being supplied to the solution subsequent to the addition thereto of said solid material whereby there is essentially no impairment of the natural flavor, aroma and color of the natural fruit juice.

2,132,486
CONTROL OF FLUID-OPERATED PISTONS
August Lichte, Dessau-Alten, Germany, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau-Anhalt, Germany
Application August 4, 1936, Serial No. 94,179
In Germany August 22, 1935
2 Claims. (Cl. 121—41)

1. A mechanism for moving a power member acted upon by a fluid under pressure in dependency from the movements of a control member serving to control the admission and exhaust of the fluid, comprising in combination, a power member, a closed working space enclosing said power member, a member arranged to follow the movements of said power member, a control member contacting with said power member in a cylindrical surface, helical flow-controlling conduits in said surface of contact, two regulating devices independent from each other, means connected with one regulating device for turning the control member about its longitudinal axis, and means connected with the other regulating device for displacing the control member in the axial direction.

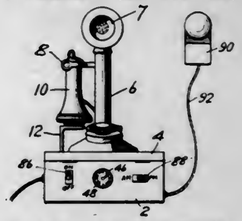


2,132,487
TOY VEHICLE
Walter Majewski, Chicago, Ill., assignor to Lakewood Mfg. Co., Chicago, Ill., a corporation of Illinois
Application December 18, 1936, Serial No. 116,542
3 Claims. (Cl. 280—87.03)



1. A toy vehicle, comprising a spring member, a rigid frame member secured to said spring member at one end thereof, a seat mounted on said frame member, and wheels suspended from said spring member at the other end thereof and from said frame member adjacent its point of connection to said spring member, whereby the vehicle is adapted to be propelled by bouncing movements of the operator on said seat.

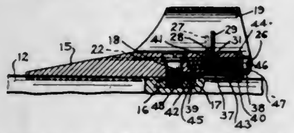
2,132,488
TELEPHONE SIGNAL
Charles E. J. Modjeski, Philadelphia, Pa.
Application November 14, 1933, Serial No. 697,906
7 Claims. (Cl. 179—89)



1. A telephone answering device comprising means for producing a predetermined succession of signals, and means actuated by an incoming call for putting said telephone in condition to

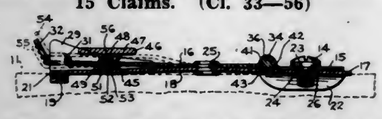
transmit said signals and for initiating operation of the first means, said signal producing means including means for periodically opening and closing a circuit during a cycle of operation to produce signals, and means for adjusting the length of the portion of the cycle during which the circuit is operative.

2,132,489
SIGHT FOR FIREARMS
Harold F. Mossberg, New Haven, Conn., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn., a corporation of Connecticut
Application November 30, 1937, Serial No. 177,233
5 Claims. (Cl. 33—53)



3. In a sight for a firearm, a base block, a plurality of individually swinging sight posts, a common leaf spring having a portion extending beneath said posts and adapted to act against the lower end of any selected one thereof to retain it in sighting position and a portion bent upwardly over the end of said base, and a screw threaded into said base and having an extension upon which said sight posts are pivoted and also having a headed portion to clamp the bent up portion of said leaf spring against the end of said base.

2,132,490
SIGHT FOR FIREARMS
Harold F. Mossberg, New Haven, Conn., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn., a corporation of Connecticut
Application December 13, 1937, Serial No. 179,425
15 Claims. (Cl. 33—56)



1. The combination in a sight for a firearm, a relatively narrow elongated base plate, a sight leaf pivoted to said base plate intermediate their ends, laterally spaced apart loops formed in said leaf, thread-like ribs formed in the upper surface of said base plate, a threaded member rotatably mounted by and interposed between said loops in engagement with said threads and operable to swing said leaf relatively to said plate, a sleeve threadedly passing through said leaf, a threaded stud extending upwardly from said plate and secured against rotation relatively thereto, said sleeve and said stud having interengaging threads, said sleeve being rotatable on said stud to raise and lower said leaf relatively to said plate.

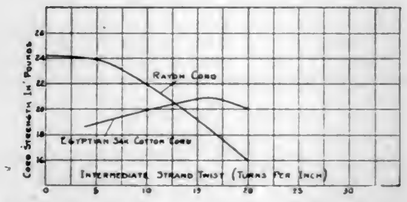
2,132,491
MANUFACTURE OF ARTIFICIAL SILK
Harry Donald Mudford, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application November 23, 1935, Serial No. 51,272. In Great Britain December 28, 1933
18 Claims. (Cl. 8—5)

1. The material which comprises a regenerated cellulose fiber impregnated with a titanium oxide delustrant, and sodium bichromate, and dyed with a direct cotton dye.

11. In the process of manufacturing a cellulosic body from a material of the class consisting of cellulose esters, cellulose ethers, and regenerated cellulose, delustered with a titanium delustrant, the steps which involve treating the titanium delustrant with one of a group of materials consisting of the compounds of the metals of the chromium group.

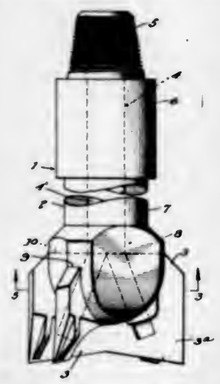
17. A composition of matter comprising a cellulosic solution, a titanium delustrant, and a compound of a metal of the chromium group.

2,132,492
RAYON STRUCTURE
Harold H. Parker, Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application June 21, 1934, Serial No. 731,719
12 Claims. (Cl. 117—52)



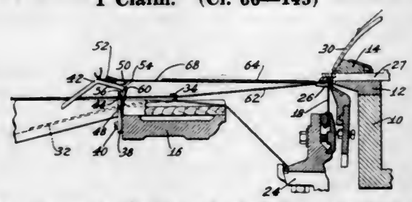
1. A strand plied from strong rayon thread and having a degree of twist exhibiting a helix angle not in excess of 33°.

2,132,493
BIT
John T. Phipps, Huntington Park, Calif., assignor to Herman C. Smith, Whittier, Calif.
Application July 22, 1936, Serial No. 91,828
2 Claims. (Cl. 255—61)



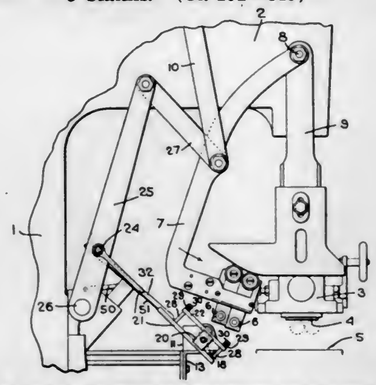
1. A bit including a body and wing type blades secured to said body, said body formed with a central water course, and said blades provided on the leading faces thereof with facial slots communicating with the water course of said body, and a deformable means adjacent each facial slot of said blades; said deformable means adapted to close the slots in the blades when the blades become worn a predetermined degree.

2,132,494
FLAT KNITTING MACHINE
Arthur Rinehart, Hawthorne, N. J., assignor to Robert Reiner, Incorporated, a corporation of New Jersey
Application December 14, 1936, Serial No. 115,683
1 Claim. (Cl. 66—145)



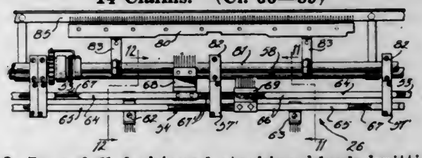
A clamping device adapted for securing the loose end of a feeding yarn for laying the yarn by the carrier to the yarn measuring sinkers of a flat knitting machine comprising, a clamp support having a forked portion; a yarn clamping member having a tongue arranged to fit in the forked portion of said member and mounted for swinging movement therein, said forked portion of the support and said clamping member having means engageable for limiting the swinging movement of the clamping member in one direction, and springs means between said support and member acting on the latter against the pull of the clamped yarn to maintain the member yieldingly in said limiting position.

2,132,495
INKING DEVICE FOR MARKING MACHINES
Charles F. Robbins, Keene, and Charles H. Cheeseman, Marlboro, N. H., assignors to Markem Machine Company, Keene, N. H., a corporation of New Hampshire
Application July 1, 1937, Serial No. 151,344
8 Claims. (Cl. 101—319)



1. A marking machine comprising a vertically reciprocating printing head bearing type members, an inking plate, an ink roll, means to give the ink roll a forward and backward vibratory motion during which it moves back and forth across the type members to ink the latter and also back and forth across the inking plate, an ink reservoir, a rocker having ink-supplying pins, means to rock the rocker to submerge the pins in the ink in the reservoir during the forward movement of said ink roll and to raise the pins into position to be engaged by said roll during its backward movement, and means separate from the pins and carried by the rocker for agitating the ink in said reservoir.

2,132,496
FLAT KNITTING MACHINE
Harry W. Roesener, Philadelphia, Pa., assignor to Merchantville Hosiery Company, Merchantville, N. J.
Application September 4, 1937, Serial No. 162,436
14 Claims. (Cl. 66—89)



3. In a full-fashioned stocking blank knitting machine, a narrowing mechanism comprising pairs of longitudinally alignable narrowing combs, a slidable narrowing rod for each comb, certain of said rods having alternating multi-sided and rounded portions; bearings slidably supporting said rods, certain of said bearings having multi-sided recesses adapted to correspond to the multi-sided portions of said certain rods for cooperation therewith to retain the combs thereon in position with respect to the remaining narrowing combs and capable of freely accommodating the rounded portions of the mentioned rods for their rotation to swing the combs therein in and out of alignment with said remaining combs.

2,132,497
DISPENSING DEVICE
Abraham S. Schenker, Brooklyn, N. Y.
Application September 18, 1934, Serial No. 744,531
Renewed January 18, 1937
4 Claims. (Cl. 312—77)

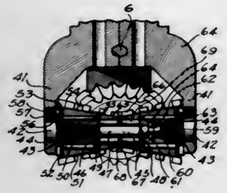


1. A dispensing device comprising a base member having two spaced container pivoting elements mounted thereon and extending upwardly, a movable container pivoted to said elements adjacent one of its ends and having a longitudinal slot in the bottom part adjacent its opposite end, an upper cover pivoted to the container at the latter's pivotal end, an under cover pivoted to the upper cover pivot and having a slot in its free end adapted to aline the articles to be dispensed, a selector mounted on the base member in alinement with said under cover slot and having its upper portion extending through said longitudinal slot, and means to actuate the container on its pivots.

2,132,498
ROLLER BIT
Herman C. Smith, Whittier, and John T. Phipps, Huntington Park, Calif.; said Phipps assignor to said Smith
Original application July 22, 1936, Serial No. 91,830. Divided and this application June 21, 1937, Serial No. 149,338
1 Claim. (Cl. 255—71)

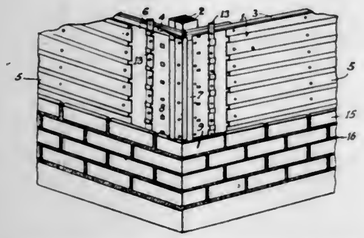
A rotary bit including a body formed in two parts, a pair of cutter discs individually carried by each part of the body, a series of cutter discs

jointly carried by both portions of said body, and means for maintaining the two parts of said body in working relationship, both parts of said



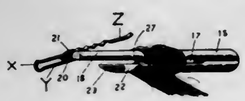
body provided with longitudinal bores effecting independent liquid wash courses through the body above the zone of said cutter discs.

2,132,499
WALL COVERING
Jay Lloyd Tuthill, Pittsburgh, Pa.
Application February 19, 1937, Serial No. 126,601
3 Claims. (Cl. 72—19)



1. The combination with a sheet of wall covering material bent to form a dihedral angle and having a dovetail projection pressed therein and running parallel to the vertex of said angle, of a corner block having a corresponding dovetail groove therein adapted to be superimposed over said dovetail projection in said sheet and cement placed between said sheet and said block to secure said block to said sheet by means of a key being formed by said cement between the dovetail projection of the sheet and the dovetail groove of the block.

2,132,500
HAIR CURLER
Aniceto R. Visitacion, New York, N. Y.
Application May 25, 1937, Serial No. 144,587
7 Claims. (Cl. 132—33)



1. A hair curling appliance comprising a hollow cylindrical mandrel composed of two members of unequal length partially separated by longitudinal slots adapted to receive the ends of a lock of hair, means at the outer end of the lower member forming a mounting for a hair pin, and a spring having one end positioned in the shorter member and its other end located within the mandrel, said spring passing obliquely through the center of the mandrel from one of the members thereof to the other.

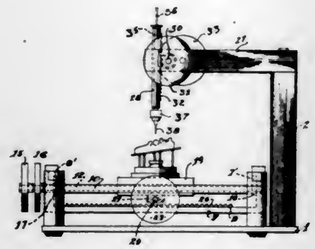
2,132,501
MANUFACTURE OF RUBBER FILMS
Parke H. Watkins, Sandusky, Ohio, assignor, by mesne assignments, to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Original application June 10, 1933, Serial No. 675,295. Divided and this application July 23, 1935, Serial No. 32,719
5 Claims. (Cl. 18—57)

1. The process of forming a removable rubber film on a deposition surface comprising applying to the surface a halogenating agent, and depositing rubber from a rubber-containing liquid on the thus treated surface while retaining at least some of the applied material on the deposition surface.

2,132,502
MANUFACTURE OF RUBBER FILMS
Parke H. Watkins, Sandusky, Ohio, assignor, by mesne assignments, to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Original application June 10, 1933, Serial No. 675,295. Divided and this application July 23, 1935, Serial No. 32,720
5 Claims. (Cl. 18—57)

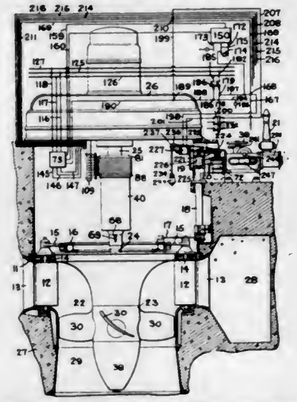
1. The process of forming a removable rubber film on a deposition surface comprising applying to the surface a non-halogen containing oxidizing agent which is a non-coagulant for aqueous dispersions of rubber, and depositing rubber solids of an aqueous dispersion of rubber on the thus treated surface while retaining at least some of the applied material on the deposition surface.

2,132,503
MILLING AND PARALLELING MACHINE
Emmet E. Welch, Topeka, Kans.
Application August 18, 1937, Serial No. 159,676
1 Claim. (Cl. 90—21)



A milling and paralleling machine comprising a carriage, a base and a seat, the said carriage slideably positioned on guides, the said guides suspended above the base on posts, the said seat slideably positioned on a second set of guides, the said second set of guides positioned on the carriage at right angles to and below the first set of guides, racks affixed to the first set of guides, pinions rotatably mounted on the carriage and in engagement with the rack on the first set of guides, a second rack positioned on the carriage and a pinion rotatably mounted on the seat and in engagement with the said second rack, wheels as means to drive the said pinions and other wheels as means to lock the said pinions, a bit rotatably mounted on the base and vertically adjusted to the seat.

2,132,504
HYDRAULIC MACHINE
Grant C. Whisler, York, Pa., assignor to S. Morgan Smith Company, York, Pa., a corporation of Pennsylvania
Application February 17, 1938, Serial No. 191,095
41 Claims. (Cl. 253—143)

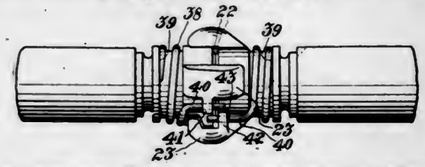


1. In combination, a hydraulic machine having adjustable runner blades and movable wicket gates adapted to operate in unison, a governor for controlling the operation of said runner blades and said wicket gates in accordance with variations in load on the runner, and means operable independently of the governor for setting the runner blades at a predetermined position without imparting any movement to said wicket gates.

2,132,505
PLASTICIZING RUBBER
Ira Williams, Woodstown, and Carroll Cummings Smith, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application August 15, 1935, Serial No. 36,324
38 Claims. (Cl. 18—50)

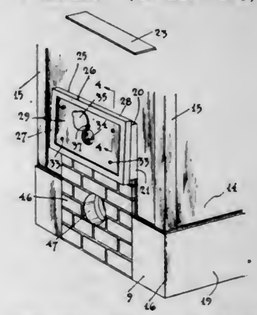
1. In the process of making articles of rubber, the steps which comprise plasticizing unvulcanized rubber by subjecting the rubber to the action of a small amount of a complex organic compound, which is a chemical addition product of a metal salt and an unsymmetrically substituted hydrazine, for a sufficient length of time to produce a substantial increase in the plasticity of the rubber.

2,132,506
HOSE COUPLING
Roy O. Allen, Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application February 3, 1937, Serial No. 123,801
1 Claim. (Cl. 285—67)



A hose coupling comprising a pair of sleeves arranged end to end, interlocking portions on the sleeves to prevent relative endwise movement of the sleeves, guide members on the sleeves having apertures therein, there being recesses in the peripheries of the sleeves to register with the apertures in the adjacent sleeve, plungers in the apertures to extend into the recesses for locking the sleeves against rotary movement with respect to each other, and springs integral with the plungers encircling the sleeves to maintain the plungers in the recesses.

2,132,507
DOOR CONSTRUCTION FOR HEATING BOILERS
Earl P. Baker, Minneapolis, Minn.
Application October 6, 1934, Serial No. 747,180
7 Claims. (Cl. 110—173)

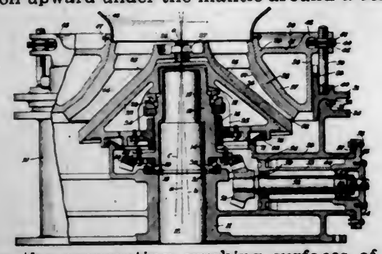


1. In a door construction for a heating boiler having a doorway therein, a casing for said doorway including a header, stiles and a bottom member, the outer edges of all thereof lying in a plane sloping outwardly and downwardly from said header, a self-closing door removably hinged to said casing, said door including a frame, angular in cross-section, having a face flange and a perimetrical flange adapted to encompass the marginal portion of the casing, said door further including a composite body consisting of an outer face plate, an intermediate panel of heat insulating material and an inner or back plate for said panel, the outer plate being marginally secured to said frame, means supported by the outer plate and securing said panel and backing plate thereto, the panel being adapted marginally to engage the outer edges of said casing members in the closed position of the door, a hinge member on the casing and a complemental hinge member on the door frame, said first hinge member consisting of a cleat, angular in cross section, having one flange thereof secured to the casing header and the other upstanding therefrom, said second hinge member consisting of a cylindrical support secured to the upper reach of the door frame and rockably seated in the reentrant angle of said first hinge member.

2,132,508
CONE CRUSHER
Herbert F. Campbell, Philadelphia, Pa., assignor to Pennsylvania Crusher Company, Philadelphia, Pa., a corporation of New York
Application December 3, 1935, Serial No. 52,645
1 Claim. (Cl. 83—10)

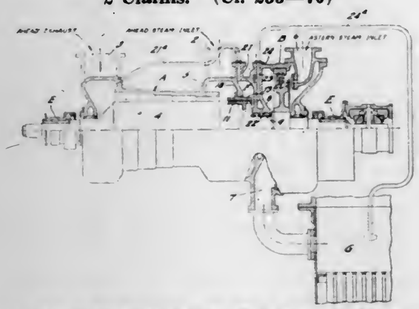
In a crusher, a casing supporting an outwardly and downwardly flaring mantle, a cooperating crushing head outwardly and downwardly flared to work under said mantle and adapted to exert an upward and outward crushing force at an angle midway between the vertical and horizontal, a vertical shaft, an eccentric on said shaft

having a vertical thrust bearing rotatably carrying said head, said eccentric forming the sole support for said head, means for rotating said eccentric to give the head a gyratory crushing motion upward under the mantle around a center



above the cooperating crushing surfaces of the head and mantle, and a bearing below said eccentric on said frame directly rotatably supporting said eccentric from said frame in the lines of mean reaction of the crushing forces between said surfaces.

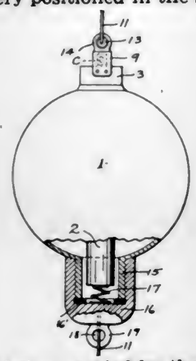
2,132,509
TURBINE
Stanley Smith Cook, Newcastle-on-Tyne, England, assignor to C. A. Parsons and Company Limited, Newcastle-on-Tyne, England
Application March 11, 1937, Serial No. 130,348
In Great Britain March 12, 1936
2 Claims. (Cl. 253—70)



1. An elastic-fluid parallel-flow turbine unit, comprising an ahead turbine and an astern turbine having a common rotor body and a common casing, at least one of said turbines being of the reaction type, the exhaust end of said astern turbine being arranged adjacent the inlet end of said ahead turbine, casing diaphragm means between said ahead and said astern turbines, said means having one wall adjacent the exhaust end of said astern turbine and another wall adjacent the inlet end of said ahead turbine, a packing between each of said walls and said common rotor body and means for connecting an intermediate point of the length of the packing of the former of said walls to a lower-pressure point in the range of expansion of said turbine unit.

2,132,510
FLOAT WITH SIGNAL LAMP
William S. Goertzen, Newton, Kans.
Application March 17, 1937, Serial No. 131,423
3 Claims. (Cl. 43—17)

1. In a float with a signal lamp, of the class described, comprising a hollow body, a sleeve inserted through the shell of the body, one end of the sleeve extending outward and having a removable bridge secured thereto, a flexible apertured plug and means to carry the same on the bridge, the body having a flange outwardly extending and threaded externally, the flange being axially aligned with the sleeve, a threaded cap to engage on the flange, a coil spring positioned in the cap, an element on the cap having an aperture therethrough, a lamp socket positioned in the sleeve and being spaced from the inner end thereof, a battery positioned in the body, one end



of the battery being carried by the inner end of the sleeve, the other end positioned within the flange and resting upon the spring, an electric lamp having a stem extending through the socket and in contact with the battery carried by the sleeve, a spring tensioned arm secured to the bridge, and means connected to the lamp stem upon which the arm will engage when moved thereto, thereby closing the electric circuit.

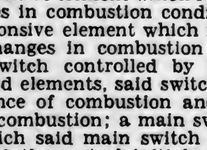
2,132,511
CLEANING COMPOSITION AND METHOD
Winfrid Hentrich, Dusseldorf-Reisholz, and Werner Reuss, Dusseldorf-Benrath, Germany, assignors to Henkel & Cie G. m. b. H., Dusseldorf-Holthausen, Germany, a corporation of Germany
No Drawing. Application June 12, 1935, Serial No. 26,238. In Germany June 23, 1934
12 Claims. (Cl. 87—5)

1. The method of cleaning organic deposits from apparatus used in the food industries and the like with nitric acid and preventing the liberation of harmful nitrogenous gases from the acid, which comprises admixing an organic compound containing a $-NH_2$ group with a nitric acid cleaning material in an amount sufficient to react with nitrogenous gases which otherwise would be liberated from the acid and applying the resulting composition to deposits to be removed from the apparatus.

10. A nitric acid composition for the removal of deposits from surfaces without liberating harmful nitrogenous gases comprising nitric acid and a primary amide, said amide being present in an amount sufficient to react with nitrogenous gases which otherwise would be liberated from the acid.

2,132,512
METHOD OF KNITTING
Charles La Villette, Ozone Park, N. Y., assignor to Nusbaum Knitters, Inc., New York, N. Y., a corporation of New York
Application October 30, 1935, Serial No. 47,416
5 Claims. (Cl. 66—69)

1. The herein described method of knitting which consists in the steps of arranging the needles of one of the beds of a double-bed knitting machine in a predetermined operating sequence, then arranging the needles of the other bed of the machine in a plurality of predetermined operating sequences, thereafter knitting a fabric on the machine by racking one of the beds thereof a predetermined distance in a predetermined direction and operating the machine to knit a single row of fabric, then again racking

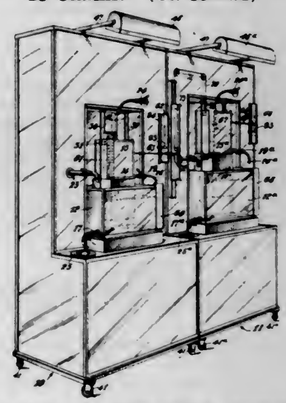


a predetermined distance in the same direction and operating the machine to knit another single row of fabric, then racking a predetermined distance in the opposite direction and operating the machine to knit another single row of fabric, then racking back to the original position and operating the machine to knit another single row of fabric, and thereafter repeating said racking and knitting operations for the production of a predetermined length of fabric.

2,132,513
FUEL BURNING SYSTEM AND SWITCHING MECHANISM THEREFOR
Ernest M. Miller, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application May 27, 1933, Serial No. 673,265
7 Claims. (Cl. 158—28)

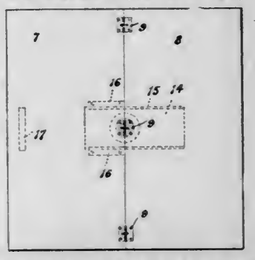
1. In combination; an electrically operable fuel supply controlling device; a switch in circuit therewith; an electromagnet for closing said switch when energized; ignition means; a combustion responsive element which responds quickly to changes in combustion conditions; a combustion responsive element which responds more slowly to changes in combustion conditions; a first cold switch controlled by the combined action of said elements, said switch being closed in the absence of combustion and open in the presence of combustion; a main switch; connections by which said main switch and first cold switch conjointly control initial energization of said electromagnet; holding switch means moved to closed position by said electromagnet when energized; a second cold switch controlled only by said element which responds more slowly to changes in combustion conditions, said cold switch opening upon establishment of combustion after said first cold switch opens; a maintaining circuit for said electromagnet controlled by said main switch, holding switch means and second cold switch in series, a hot switch controlled by said element which responds quickly to changes in combustion conditions, said hot switch closing upon establishment of combustion prior to opening of said second cold switch; and a maintaining circuit for said electromagnet controlled by said main switch, hot switch and holding switch means in series.

2,132,514
APPARATUS DESIGNED TO ILLUSTRATE THE LAWS OF ECONOMICS BY PHYSICAL ANALOGIES
James D. Mooney, Oyster Bay, N. Y.
Application October 6, 1937, Serial No. 167,559
13 Claims. (Cl. 35—24)



1. Apparatus for illustrating economic laws, comprising a tank containing liquid, means for admitting liquid to and means for discharging liquid from said tank at relatively variable rates to represent the strength of two economic factors, a float in said tank, a liquid receptacle carried by the float, means for admitting liquid to and means for discharging liquid from said receptacle at relatively variable rates to represent the strength of two other economic factors, and means for indicating the algebraic sum of the vertical movements of said float and receptacle due to the variations in the heights of liquid in the tank and receptacle and thereby integrate the resultant effects of all four economic factors.

2,132,515
TABLE
Elsa Oppenheimer, New York, N. Y.
Application June 26, 1937, Serial No. 150,477
1 Claim. (Cl. 311—67)



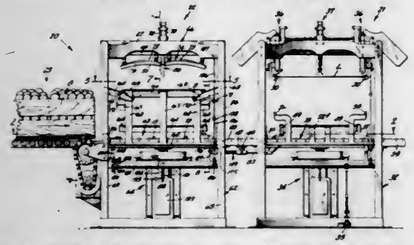
In table structures adapted for varied service conditions, wherein a table top and a pedestal are operatively connected to permit use of the table top in either of two dimensions, one of which is a multiple of the other and with the pedestal centrally disposed relative to the top in either position, said top being in two sections hingedly connected to be foldable midway of one

length of the top to provide multiplied top formation in the smaller dimension, one of said sections having underlying guides extending to the hinging line, said pedestal carrying an element adapted to be slidably mounted within the guides, said pedestal being located relative to the length of the element such that when one end of the element is located substantially flush with the folding line of the top, the pedestal will be central of the folded top and when the top has been opened and the top and pedestal relatively shifted to place the pedestal beneath the folding line such end of the pedestal will underlie and support the open top section, the opposite end of the element being of less length and adapted to cooperate with an underlying stop on the lower section to limit the relative shifting movement of the top and pedestal to a point where the pedestal is central of the folded top, and abutment shoulders at opposite sides of said element cooperating with adjacent ends of said guides for limiting sliding movement of said element relative to the table top sections for centering the pedestal relative to the table top sections when the latter are in their opened positions.

2,132,516
METHOD OF AND APPARATUS FOR PACKAGING FRESH WHOLE FRUITS AND THE LIKE

Hale Paxton, Santa Ana, and Chester E. O'Donnell, Placentia, Calif., assignors, by mesne assignments, to Food Machinery Corporation, a corporation of Delaware

Application April 24, 1935, Serial No. 17,970
12 Claims. (Cl. 1—10)



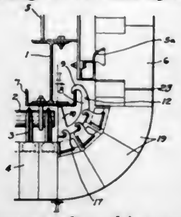
1. A method of packaging fresh whole pieces of citrus fruit in a standard citrus box divided into two compartments by a middle partition which comprises snugly packing said pieces of citrus fruit into said compartments, in complementary layers of uniform geometrical pattern the uppermost layer extending well above the top of the box and overlying said partition, shifting and holding the pieces in said upper layer away from over said partition, simultaneously applying a substantial downward pressure to practically all the pieces in said upper layer to compress said product downward in said box and impart an arched conformation to said upper layer, applying a lid across said upper layer to conform thereto, and securing the ends of the lid to the ends of said box.

2,132,517
ARCH NOSING

George P. Reintjes, Kansas City, Mo.

Application August 10, 1936, Serial No. 95,128
14 Claims. (Cl. 110—99)

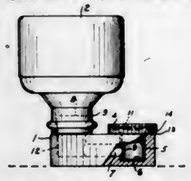
1. In furnace construction, a transverse support bridging the width of a furnace, a series of spaced nosing brackets slidingly and rockingly engaging the support to permit self-adjustment longitudinally of and arcuately around said support, a series of tile supporting hangers projecting in radial relation from each bracket and mounted for rocking movement upwardly but limited in their downward rocking movement, and tile carried by said hangers.



2,132,518
INK BOTTLE DISPENSER AND STOPPER

Ernest Schlueter, Jamaica, N. Y.

Application July 29, 1936, Serial No. 93,154
3 Claims. (Cl. 120—59)



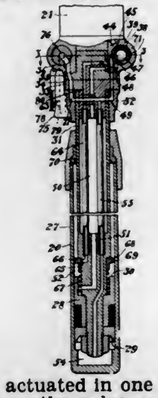
1. In combination, a circular base of phenolic condensation compound having therein a diametric duct, an upstanding cylindrical well bore at one end of the duct, and an entry bore at the other end surrounded by a thin flexible upstanding cylindrical wall integral with the base; an inverted bottle having its neck receiving said wall in a liquid-tight manner and holding the bottle firmly upright; a thin-walled cylindrical ink well frictionally engaging liquid-tight the wall of said well bore, and having a lateral aperture adapted, when the well is turned, to move into or out of register with the duct; said well being provided with an interiorly upwardly flared upper flanged portion engaging on the top of the base and provided portion above the flare with an annular groove opening toward the well axis; and a downwardly concavo-convexed baffle disk fitted in said groove and having a central opening allowing free passage of a pen and forming a lower lip above the ink level; the vertical projection of the center of gravity of said bottle, and of the bottle and base as a whole, being well within and remote from the perimeter of the base when the bottle is inverted, the center of gravity of the bottle and base, when the base is inverted and the bottle upright and resting on its bottom, being near the axis of the bottle, whereby the bottle and base are held steadily when either is uppermost, the upstanding flexible wall furnishing a holding means without additional expense; said baffle being free of contact with ink when in use, whereby when the ink is run from the well into the bottle and said aperture closed, and the bottle is set upon its bottom with the base, baffle and well inverted, the friction of the stopper will hold it in place and said baffle will prevent ink from dripping or spilling.

2,132,519
FEEDING DEVICE

Fred M. Slater, Phillipsburg, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey

Application April 30, 1936, Serial No. 77,153
8 Claims. (Cl. 121—9)

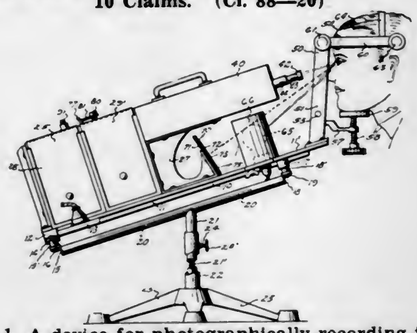
1. A feeding device for rock drills, comprising a pair of relatively reciprocable members one of which is connected to the rock drill, pressure chambers in one of the members, opposed pressure surfaces on the other member, passages for conveying pressure fluid to and from the pressure chambers, a valve to control the passages and being manually actuated in one direction, an actuating surface on the valve, and means in one of the pressure chambers carried by one of the members and movable with respect thereto to valve pressure fluid to the actuating surface for actuating the valve in an opposite direction.



2,132,520
MEANS AND METHOD OF RECORDING EYE MOVEMENTS

Carl C. Taylor, Brownwood, Tex., and James Y. Taylor, Southbridge, Mass., assignors to Educational Laboratories, Inc., Brownwood, Tex., a corporation of Texas

Application February 13, 1937, Serial No. 125,674
10 Claims. (Cl. 88—20)

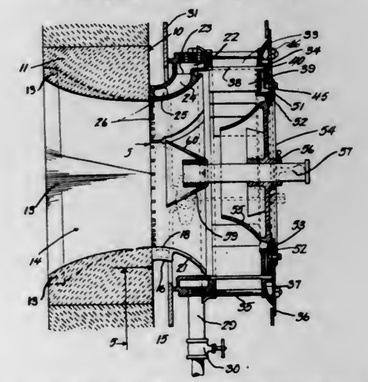


1. A device for photographically recording the movements of both eyes of a person simultaneously, comprising a relatively short housing, means for supporting a moving film adjacent one end of the housing with a predetermined area of said film exposed in said housing, means for supporting the head of the person with the corneas of his eyes in front of the end of the housing opposite the film, means for directing a beam of light onto said corneas at an angle which will direct the light reflected by said corneas towards the housing and a pair of focusing members adjustably carried by the end of the housing adjacent the head support each having a relatively small, short focus lens therein of a focal length much shorter than the length of the housing and such that slight adjustments of said lenses toward and away from the head support will enable the light rays reflected by the corneas to be focused on the exposed area of the film with the respective focused images in spaced relation with each other on said film and when the said short focus lenses are in focused position relative to the eyes, the distance of the exposed area of the film from the lenses will be greater than the distance of said lenses from the eyes by a controlled amount which will cause displacements of said focused images in the plane of said film, brought about by minute movements of the eyes as when reading, to be greatly amplified in said plane.

2,132,521
BURNER CONSTRUCTION

Joseph T. Voorheis, San Francisco, Calif.

Application December 26, 1934, Serial No. 759,211
2 Claims. (Cl. 110—172)



1. In combination with a furnace wall having an outwardly flaring throat therethrough of circular cross-section, a supplemental burner throat element abutting against the wall and registering with the throat through the wall in the plane of smallest diameter of the throat, said burner throat element flaring outwardly and away from the wall, a burner housing circumscribing the burner throat and directing air into said throat at the margin thereof whereby incoming air will be directed from the burner throat element to the small diameter of the throat through the furnace wall and the air will tend to cross the throat as it passes into the furnace and will tend to flow outwardly across the throat and against the wall thereof, and ribs formed on the portion of the throat within the furnace wall and having inclined side faces whereby said air after striking the wall and ribs will be directed inwardly toward the central axis of the throat.

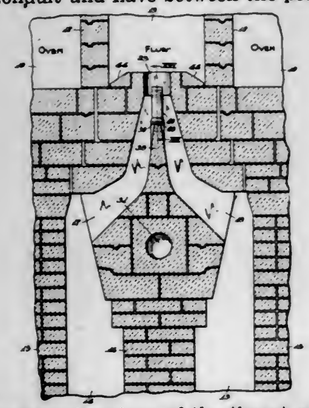
2,132,522
COKING RETORT OVEN

Joseph van Ackeren, Pittsburgh, Pa., assignor to Koppers Company, a corporation of Delaware

Application May 14, 1936, Serial No. 79,669
14 Claims. (Cl. 202—143)

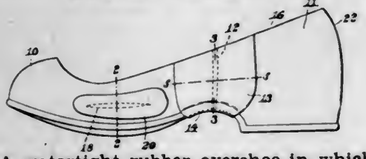
1. In a coking retort oven battery having a series of side-by-side coking retort ovens with intermediate heating walls in which heating flues are vertically disposed, and regenerators beneath the heating walls, and conduits for flowing gases from the regenerators into the heating flues of the heating walls, and ports at the upper ends of said conduits for discharging heating gases into said heating flues, flow restricting volume

regulating means in said ports to restrict the flow cross-area for regulating the volumes of gases flowing from the regenerators and through said ports, said flow-restricting volume regulating-means terminating at their upper parts a sufficient distance below the port-mouths so as to have the throat that is formed by the volume regulating-means terminate below the port mouth of the conduit and have between the port mouth



and the upper terminus of the throat an expansion chamber of larger cross-area than the cross-area of the throat, so that turbulence and distortions of the gas streams created by the presence therein of the regulatory means may be rectified by a larger unrestricted portion of the ports above said means before said gases issue from the mouths of the ports and the gases thus enter the heating flues without abnormal tendency to divert from a stream-line path.

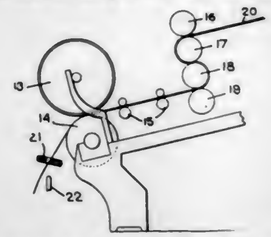
2,132,523
RUBBER OVERSHOE
Charles F. Berry, Boston, Mass.
Application August 6, 1936, Serial No. 94,503
4 Claims. (Cl. 36—7.3)



1. A watertight rubber overshoe in which the fore part and heel part are distinct units of non-stretchable rubber separated at the instep by a narrow gap and connected together by an impervious stretchable elastic rubber sheet having an unbroken plane surface whereby said units are movable endwise relatively to each other by the stretching of said rubber sheet.

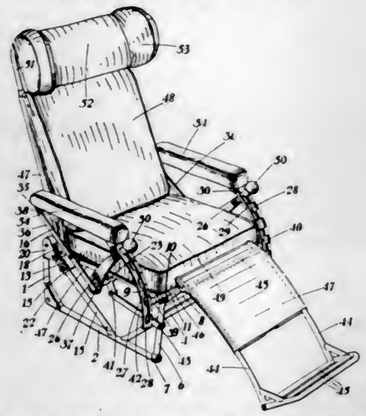
2,132,524
PROCESS OF MAKING YARN FROM CONTINUOUS RAYON AND STAPLE FIBER
Leroy W. Booth, Sanford, Maine, assignor to Sanford Mills, Sanford, Maine, a corporation of Maine
Application June 21, 1937, Serial No. 149,332
9 Claims. (Cl. 118—69)

1. The process of forming yarn from both continuous filaments and staple fibers which comprises slightly twisting together a ribbon of the continuous filaments and a roving of the staple fibers and drafting the composite strand thus formed while maintaining a ratch greater than the staple length of the staple fibers and



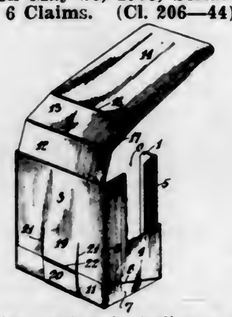
a draft strain sufficient to break the continuous filaments, and thereafter spinning the drafted composite roving with all its fibers thus in staple form into yarn.

2,132,525
PORTABLE ADJUSTABLE CHAIR
Harold Burchall, Kingswood, England
Application November 6, 1935, Serial No. 48,549
In Great Britain November 13, 1934
6 Claims. (Cl. 155—116)



1. A portable adjustable chair comprising in combination a rigid frame, vertically disposed supporting members pivoted at their lower ends to the front of said rigid frame, a seat frame pivotally connected to the upper ends of said vertically disposed supporting members, means pivotally mounted on the rear ends of said seat frame slidably connecting said seat frame with an inclined member of the rigid frame, a back frame pivoted at its lower end to the rear of the seat frame, means for adjusting said seat and back frames relatively to each other and vertically with respect to the rigid frame, means for securing said adjusting means and thereby the adjustable parts of the chair in any desired position, and means yieldingly connecting the rear end of said seat frame with the rigid frame serving to balance the weight of the moving parts and the occupant while the relative position of the parts is being changed and also to assist in returning said moving parts to a higher and to a normal position when the adjusting means is released, the lower ends of the vertically disposed supporting members being detachable from the front end of the rigid frame so as to permit the back frame to be folded down on to the top of the seat frame.

2,132,526
DISPLAY CARTON
John Albert Buser, Lebanon, Pa., assignor to Lebanon Paper Box Company, Lebanon, Pa., a corporation of Pennsylvania
Application May 20, 1936, Serial No. 80,709
6 Claims. (Cl. 206—44)

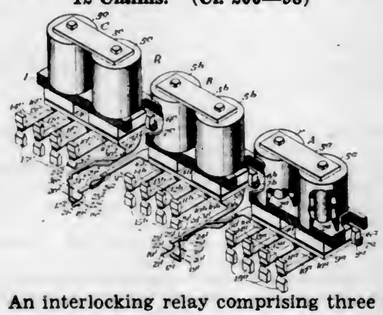


1. A display carton including a tubular body comprising a front wall section, a rear wall section, and side wall sections, a bottom section hinged to said front wall section, means including a locking tab extending from the lower edge of said rear wall section and means for attaching said locking tab to said bottom wall section to support said rear wall section in a position above and substantially at right angles to the bottom wall section, and means including a hinged connection between said tab and said rear wall section permitting rearward collapse of said locking tab whereby said rear wall section can be swung downwardly to assume a rearwardly inclined display position.

2,132,527
WATER-RESISTANT FABRIC
George V. Caesar, New York, N. Y., assignor to Stein, Hall & Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Original application February 3, 1936, Serial No. 62,137. Divided and this application September 25, 1936, Serial No. 102,538
7 Claims. (Cl. 91—68)

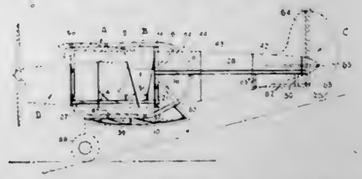
1. As a new article of manufacture, a water-resistant and increased dimensionally stable fabric comprising fabric material impregnated with a water-resistant adhesive composition containing the coaction product of an amylaceous material and chromic acetate.

2,132,528
INTERLOCKING RELAY
William H. Claus, Downers Grove, Ill., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application March 3, 1936, Serial No. 66,835
12 Claims. (Cl. 200—98)



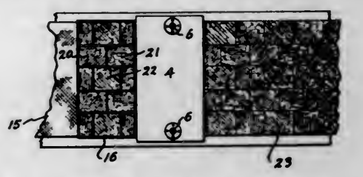
1. An interlocking relay comprising three electromagnets, three armatures one movable toward and away from each electromagnet according as such electromagnet is energized or deenergized, means for connecting one of said armatures with each of the two remaining armatures in such manner that releasing movement of said one armature away from its associated electromagnet will cause the subsequent releasing movement of either one of the two remaining armatures away from its associated electromagnet to be restricted, and two back contacts one operated by each of said two remaining armatures and each arranged to close when the associated armature is fully released and to remain open when the releasing movement of that armature is restricted as aforesaid.

2,132,529
AIRPLANE CONSTRUCTION
William B. Firner, Detroit, Mich.
Continuation of application Serial No. 561,219, September 4, 1931. This application September 17, 1935, Serial No. 40,991. Renewed October 19, 1936
19 Claims. (Cl. 244—119)



1. In an airplane, a fuselage comprising a shell and a main supporting frame, said frame comprising a continuous structural member lying substantially in a vertical plane centrally of the shell and having two sides extending longitudinally at the top and bottom of the shell and joined by two substantially vertical front and rear sides, a rearwardly extending longitudinal frame member for supporting the empennage, bracing members connecting said last named frame member to the rear portion of the main frame to provide therewith a bulkhead, the front vertical side of said main frame forming means for supporting the engine.

2,132,530
DECORATIVE NEEDLED FABRIC
Melvin R. Greiser, Cincinnati, Ohio, assignor to Carthage Mills Incorporated, Carthage, Ohio, a corporation of Ohio
Application December 13, 1935, Serial No. 54,295
6 Claims. (Cl. 28—4)



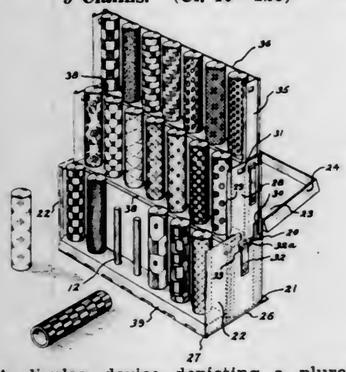
1. A process of making decorative needled fabrics which comprises positioning on a foundation web, a confining means providing compartments in design relationship, selectively filling said compartments with fibrous material of different colors and needling said fibrous material into said web while said fibrous material is maintained by said positioning means.

2,132,531

DISPLAY DEVICE

Melvin R. Greiser, Cincinnati, Ohio, assignor to Carthage Mills Incorporated, Carthage, Ohio, a corporation of Ohio

Application April 12, 1937, Serial No. 136,377
9 Claims. (Cl. 40—126)



3. A display device depicting a plurality of rolls of linoleum having different colored designs thereon, comprising a plurality of rolls of paper having similar miniature colored designs thereon, said rolls being covered with cellulose sheets in order to impart the glazed appearance of the original rolls, and a stand for said rolls comprising a base having upwardly projecting pins for insertion within the rolls.

2,132,532

BUFFING OR POLISHING WHEEL

Elisha W. Hall, Scituate, Mass.

Application September 16, 1937, Serial No. 164,197
2 Claims. (Cl. 51—193)



1. A buffing or polishing wheel comprising, in combination, a hub which is readily compressible in an axial direction, and a fabric sleeve about said hub, said sleeve being less readily compressible than said hub.

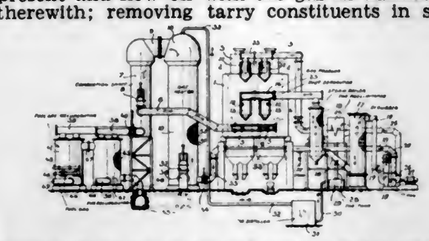
2,132,533

PRODUCTION OF GAS SUITABLE FOR THE SYNTHESIS OF HYDROCARBONS FROM CARBON MONOXIDE AND HYDROGEN

Heinrich Koppers, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa., a corporation of Delaware

Application September 3, 1936, Serial No. 99,327
In Germany September 6, 1935
2 Claims. (Cl. 23—212)

1. In a method for producing water-gas containing carbon monoxide and hydrogen in ratio suitable for catalytical reaction, such as the synthesis of hydrocarbons, from bituminous fuel of the character of brown coal, lignite, bituminous coal and the like, comprising: flowing through and thereby reacting with a bed of the fuel, a heated mixture of steam and water-gas which has been previously heated in a separate heating stage of a cycle to a temperature at which hydrocarbons will decompose and interact with steam; withdrawing part of the gas thus produced from the cycle at a point in the fuel bed where the fuel is substantially free of hydrocarbons; returning the other part of said gases in cycle to said heating stage at a temperature above the dew point of tar and water, after passing through another part of the fuel bed where hydrocarbons are present and flow off with the gas in admixture therewith; removing tarry constituents in sus-



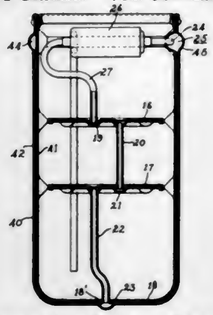
pension from the latter gas portion while leaving the vapor-like hydrocarbons therein, after the gas leaves the fuel bed but before it re-enters the heating stage; the step comprising distilling the so removed tar, and conducting the vapors of distillation therefrom back into the aforesaid heating stage into contact with the gas therein.

2,132,534

REFRIGERATION

Andrew A. Kucher, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware

Application May 1, 1933, Serial No. 668,771
Renewed October 23, 1937
14 Claims. (Cl. 62—126)



12. An evaporator for a refrigerating system comprising a freezing shelf for receiving and supporting a receptacle adapted to contain a substance to be congealed or frozen, said shelf having a reservoir thermally associated therewith and adapted to receive liquid refrigerant, means for conveying refrigerant to said shelf, an air cooling refrigerant evaporating chamber shielding said shelf from circulating air, a conduit extending from said shelf to said chamber for conveying refrigerant from the reservoir into said chamber, means providing an outlet for refrigerant evaporated in said chamber, and said conduit communicating with said reservoir above the bottom thereof for trapping a quantity of liquid refrigerant in said freezing shelf.

2,132,535

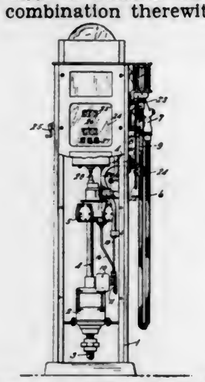
HOSE PULL CONTROL FOR LIQUID DISPENSING APPARATUS

Joseph A. Logan, Springfield, Mass., assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass., a corporation of Massachusetts

Application July 3, 1937, Serial No. 151,859
8 Claims. (Cl. 221—95)

1. In liquid dispensing apparatus having flow establishing means, a meter register operating in

accordance with said flow for indicating the quantity of liquid dispensed at each dispensing operation and reset mechanism for zeroizing said register, a controller for said flow establishing means, a movable dispensing hose having connections with said controller whereby when said hose is pulled the flow may be started and when the pull on the hose is relaxed the flow will be stopped, the combination therewith, of blocking



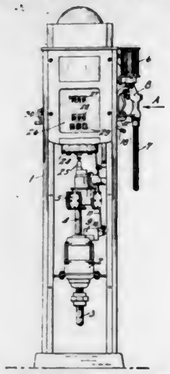
means for preventing the start of flow by said hose pull, said blocking means being movable at the will of the operator to unblocking position so as to permit start of flow by said hose pull, automatic means tending to effect the return of said blocking means to its blocking position, and means rendered operative by a zeroizing action of said reset mechanism for nullifying the tendency of said automatic means.

2,132,536

CONTROL MECHANISM FOR LIQUID DISPENSING APPARATUS

Joseph A. Logan and Warren H. De Lancey, Springfield, Mass., assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass., a corporation of Massachusetts

Application January 8, 1938, Serial No. 183,974
7 Claims. (Cl. 221—95)



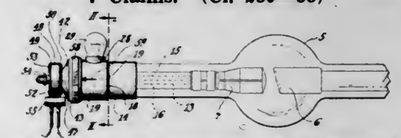
1. Control mechanism for the flow in liquid dispensing apparatus of the type having a register indicator for the quantity of liquid dispensed and manually operative reset mechanism to restore said indicator to zero after a dispensing operation, said control mechanism comprising a control member freely movable by hand to an on position to establish flow and tending automatically to move to an off positon to stop flow, a hold-on member operable for holding said control member in on position and movable to release said control member, a shutter having open and closed positions for revealing and concealing said indicator, selectively operated connections between said control member and said shutter whereby said control member in moving to on position before a reset operation acts to close said shutter, and interconnecting mechanism between said hold-on member and said reset mechanism whereby the operativeness of said hold-on member is dependent upon the prior operation of said reset mechanism.

2,132,537

X-RAY TUBE

William H. McCurdy, Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application May 25, 1935, Serial No. 23,463
7 Claims. (Cl. 250—35)



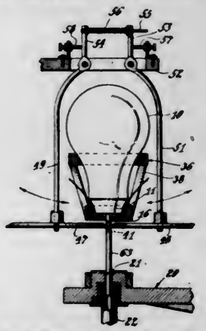
1. An X-ray tube comprising an evacuated envelope, an anode electrode in said envelope, a pair of thermionic cathodes adapted to be heated to incandescence independently of each other disposed in said envelope for producing dissimilar focal spots, means surrounding each of said cathodes for focusing a discharge therefrom upon different size areas of the surface of said anode, means operable to selectively connect each of said cathodes to a source of heating current, and means operable upon operation of said last mentioned means to give a visual indication observable at considerable distance that current is supplied to said cathode which produces the smaller focal spot and to simultaneously limit the current supplied to such cathode to prevent a resulting increase in discharge current supplied to said X-ray tube with attendant destruction of the small focal area of said anode.

2,132,538

MACHINE FOR SEALING EVACUATED VESSELS

Michael E. McGowan, Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application August 21, 1935, Serial No. 37,111
12 Claims. (Cl. 176—3)



10. A machine for sealing lamp bulbs, each pro-

vided with an exhaust tube, comprising a holder to receive a bulb, said holder having a lower wall apertured to receive an exhaust tube, an exhaust port for connecting with said tube below said holder, means for causing said holder to carry the bulb through a predetermined path, means for heating said exhaust tube, a pair of sealing disks carried on swinging arms and between which said exhaust tube passes after being heated to sealing temperature, and resilient means acting on said arms for pressing said rollers together, said holder having depending approximately alined fins lying on either side of said exhaust tube aperture, so as to take the impact of engagement with said disks and start them rotating to roll the exhaust tube to sealed position.

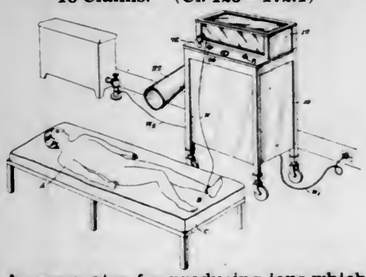
2,132,539

PRODUCTION OF IONS

Randolph J. McRae, Jersey City, N. J., assignor, by mesne assignments, to General Patents, Limited, Nassau, Bahamas, a corporation of Bahama Islands

Application January 27, 1936, Serial No. 61,000

18 Claims. (Cl. 128—172.1)



1. An apparatus for producing ions which comprises a circuit including a source of unidirectional current, a conduit, an electrode therein, means to impress said unidirectional current on said electrode, means for flowing a stream of gas through said conduit, and means for imposing a high frequency fluctuation of voltage on said conduit.

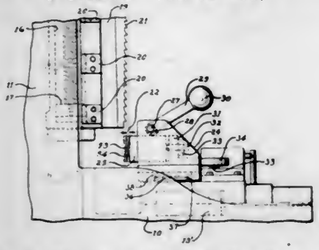
2,132,540

BROACHING MACHINE

Howard L. Pope and George R. Squibb, Cincinnati, Ohio, assignors to The Cincinnati, Milling Machine Company, Cincinnati, Ohio, a corporation of Ohio

Application July 16, 1937, Serial No. 154,034

6 Claims. (Cl. 90—33)



1. In a broaching machine having a reciprocating broaching tool and a slide reciprocable toward and from said tool, a work holder slidably mounted on said slide for movement in a direction parallel thereto, a rotatable cam carried by the slide, resiliently operable means for holding the work holder in contact with said cam, said cam having alternate low and high points thereon, and means to automatically index the cam with each reciprocation of said slide.

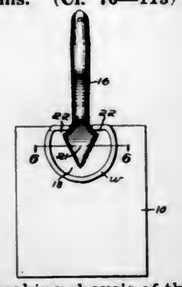
2,132,541

MANUFACTURE OF SHOVELS AND THE LIKE

William A. Ready, Brookline, Mass., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va., a corporation of Delaware

Application December 4, 1935, Serial No. 52,864

5 Claims. (Cl. 76—113)



2. A method of making shovels of the strap type comprising the following steps:—forming a blade having a strap extending from the rear edge of the blade, the parts being of substantially finished thickness, forming separately a cooperating strap having an enlarged head, the parts of the latter strap being of substantially finished thickness, offsetting a portion of the blade between its sides at the base of the first strap to provide a pocket having a bottom of substantially the area of said enlarged head and an outwardly flaring wall extending from the rear of the blade on one side of the strap to the rear edge at the other side, the wall being of an altitude substantially corresponding to the thickness of the head, positioning the head in the pocket with its margin opposing the wall to define therewith a groove of substantially triangular section and fusing extraneous metal into the groove to weld the head marginally to the blade.

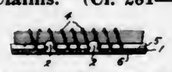
2,132,542

BOOK CONSTRUCTION

Frank Stanley Schade, Holyoke, Mass., assignor to National Blank Book Company, Holyoke, Mass., a corporation of Massachusetts

Application February 28, 1936, Serial No. 66,266

13 Claims. (Cl. 281—19)



7. A ring binder book comprising a pack of sheets, a series of rings one joined to another on which the sheets are hung, a holder for the rings consisting in a plate having upturned flat portions in general shape like a collar button, the heads of said portions being dimensioned to wedge their way between a pair of rings and hold the latter to said plate, all arranged and adapted in or for assembled relation.

2,132,543

BIER PIN FOR HEARSES

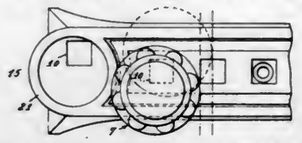
Earl L. Schofield, Freeport, Ill., assignor to Henney Motor Company, Freeport, Ill., a corporation of Delaware

Application October 23, 1936, Serial No. 107,258

2 Claims. (Cl. 296—18)

1. Casket stay means comprising a pin plate having a series of square holes provided therein

in substantially uniformly spaced relation lengthwise thereof, and a substantially cylindrical pin having a square shank portion arranged for entry selectively and detachably in any one of said holes, the shank portion being located eccentrically relative to the circular bottom of said pin and so that the distances measured from the four sides of the shank to the respective tangents of the circle defined by the bottom of the pin, parallel to the four sides of said shank, are dissimilar, whereby to permit placing the pin in four



different positions in any one of said holes with the outer periphery of the projecting portion differently spaced with respect to said hole longitudinally relative to the plate for the purpose described, the pin being held by its shank against turning with respect to the plate from any position in any one of said holes, the distance between the centers of adjacent holes being approximately the same as the longest of the four dimensions measured from the four sides of the shank of the pin.

2,132,544

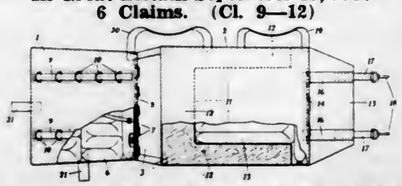
COMBINED CUSHION AND LIFE BELT

George Richard Shaw, Upper Warlingham, England

Application September 1, 1937, Serial No. 161,989

In Great Britain September 15, 1936

6 Claims. (Cl. 9—12)



1. A cushion adapted for use as a lifebelt comprising in combination a seat portion consisting of an outer covering divided by a horizontal partition into upper and lower compartments, a filling for one of said compartments, a pneumatic cushion contained within the other of said compartments and rings attached to the said seat portion, a back portion consisting of an outer covering including side, front and back walls, a partition extending between said walls and dividing said back portion into two compartments in the same plane, a filling for one of said compartments, a pneumatic cushion for the other of said compartments and hook devices secured to the upper end of said back portion and connecting means between the rear of the seat portion and the lower end of the back portion.

2,132,545

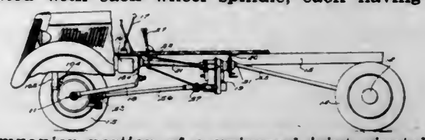
MOTOR VEHICLE CONSTRUCTION

Charles D. Smith, Alma, Mich., assignor, by mesne assignments, to Alma Motor Company, St. Louis, Mich., a corporation of Michigan

Application March 25, 1935, Serial No. 12,848

5 Claims. (Cl. 180—43)

1. A motor vehicle axle unit comprising a rigid housing adapted to be secured to the vehicle frame, a differential in the housing operatively connected with a source of power, rotating shafts journaled in the housing on opposite sides of the differential and in axial alignment, adjustable means for maintaining said shafts from longitudinal displacement, the ends of said housing having integral terminal yokes, wheel spindles having integral yokes pivotally connected with the yokes of the respective housing ends, said shafts at the yoke ends each having a portion of a universal joint secured thereto, a stub shaft associated with each wheel spindle, each having a



companion portion of a universal joint pivotally associated with said first named universal joint portion, the pivotal axes of the universal connection intersecting on the turning axis of the spindle, wheel hubs on the said spindles, the stub shafts having a splined connection with the hubs, the arrangement providing for a free sliding of the stub shafts relative to the respective hubs, and means preventing movement of each hub in a direction longitudinally of the stub shaft.

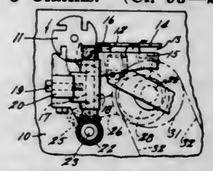
2,132,546

TUCKING DEVICE FOR WRAPPING MACHINES

Elmer Lovell Smith, Longmeadow, Mass., assignor to Package Machinery Company, Springfield, Mass., a corporation of Massachusetts

Application November 4, 1936, Serial No. 109,085

5 Claims. (Cl. 93—2)



1. In a wrapping machine which includes means for advancing a partially wrapped article with a tubular portion of the wrapper extending outwardly from an end thereof transversely to the direction of its movement, a folding member positioned to engage the leading side of said extending wrapper portion as the partially wrapped article is advanced, and means to gradually withdraw said folding member, transversely, from the path of the extending wrapper portion during the advance of the article while maintaining the moving member in contact with the wrapper to progressively form a fold therein as the member is withdrawn.

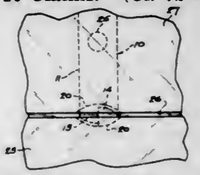
2,132,547

WALL FACING

Frank Sohn, Chicago, Ill., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio

Application August 21, 1935, Serial No. 37,155

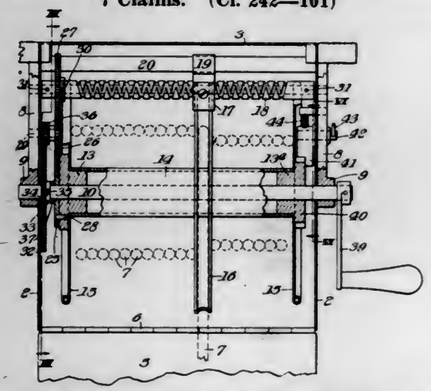
10 Claims. (Cl. 72—19)



2. The combination with a wall, of facing

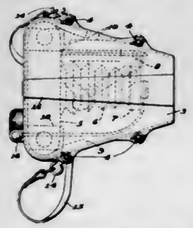
panels therefor of structural glass having grooves with rounded bottoms formed in certain of the edges thereof, and mechanical anchoring means secured to said wall and having portions fitting loosely in said grooves.

2,132,548
CLOTHESLINE REEL
Charles A. Stockwell and John C. Stockwell, Pittsburgh, Pa.
Application January 24, 1938, Serial No. 186,506
7 Claims. (Cl. 242—101)



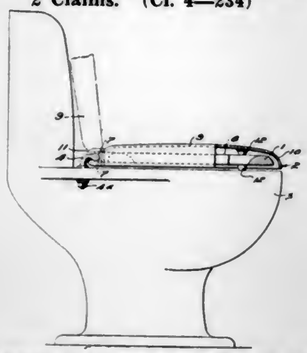
1. In a clothesline reel, the combination with a supporting frame, of a winding shaft, a spool freely rotatable thereon having an endmost gear wheel fixed thereto, an engaging gear wheel therefor having a companion gear wheel rotatable therewith, a gear wheel freely rotatable on the shaft engaging the companion gear, and means on the shaft connecting it alternatively with the freely rotatable and endmost fixed gear respectively upon longitudinal shifting of the shaft.

2,132,549
CAMERA CASE
William H. Wenstrom, New Haven, Conn.
Application July 30, 1937, Serial No. 156,533
8 Claims. (Cl. 95—32)



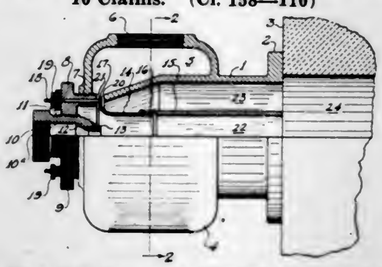
1. An article of the character described, comprising a rigid case open at one end and adapted to enclose a folding camera with the latter open and ready for use, said case being adapted to protect the camera on all sides and to encase it approximately completely except at said end, and means for fastening said camera securely in said case with the lens of the camera in its operative position but spaced inwardly from and facing said open end of the case, whereby said case supports said camera in readiness for instant use while affording substantially complete protection for it both during such use and when it is not in use.

2,132,550
TOILET SEAT AND LID
Clarence E. Wexelberg, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application October 3, 1935, Serial No. 43,315
2 Claims. (Cl. 4—234)



1. In a water closet, a seat having an approximately annular seat portion and an extension at the back, a cover for the seat enclosing the seat portion at the top and sides thereof and having an extension similarly enclosing the extension of the seat, and a pair of fixed pivot pins extending through the sides of the extension of the cover into the extension of the seat.

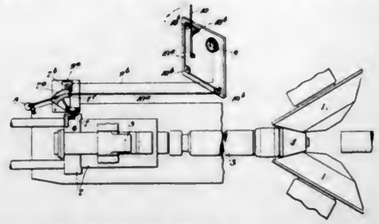
2,132,551
FUEL BURNER
Thomas E. Wood, Library, Pa.
Application May 9, 1936, Serial No. 78,837
10 Claims. (Cl. 158—110)



6. In a fuel burner, a tubular air passage and a tubular burner passage concentric with said air passage in spaced relation therewith, a fuel supply passage communicating at one end with said burner passage, an air supply passage communicating at one end with both said air and burner passages, and means disposed in said air supply passage for simultaneously regulating the relative volume of air supplied to said passages.

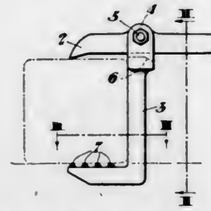
2,132,552
TUBE MILL
Allan E. Alger, Lorain, Ohio, assignor to National Tube Company, a corporation of New Jersey
Application October 14, 1935, Serial No. 44,949
1 Claim. (Cl. 80—13)

In combination with a rotary rolling mill, of means for gauging the space between the mandrel and the working surfaces of the mill rolls to determine the necessary adjustment of the mandrel and mill rolls to produce a tube of the required wall thickness with a minimum variation, comprising an abutment carried by and movable with the mill mandrel-bar carriage, a lever pivoted adjacent the reciprocative path of said carriage, means adapted to move said lever into contact with said abutment and means operable by the movement of said lever



for remotely indicating the relative forward and rearward movement of a mill mandrel-bar whereby a calculation of the difference in said readings will determine the adjustment necessary to obtain the proper spacing between the mill mandrel and mill rolls.

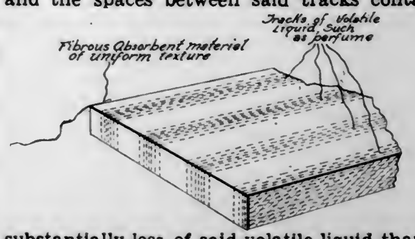
2,132,553
CANT-HOOK
Juraj Andrejchak, Duquesne, Pa.
Application November 24, 1936, Serial No. 112,583
1 Claim. (Cl. 294—17)



A cant-hook for canting rectangular metal work comprising a lever having an angularly extending pointed end, a right angular cant-hook pivoted to said lever adjacent said end, gripping elements extending from the working face of said cant-hook, said pointed end of said lever extending generally toward said working face of said cant-hook in opposing relation thereto and in opposing relation to said gripping elements extending from said working face of said cant-hook, and means for limiting the swing of said cant-hook in both directions from its normally operative position, said elements being made of harder material than the work to be canted and said working face of said cant-hook functioning solely through said elements when held parallel to a side of the work by engagement of said pointed lever end with an opposite side of the work and upon levering of said lever in the proper direction.

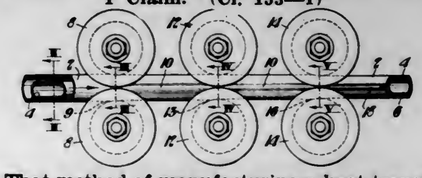
2,132,554
IMPREGNATED FIBROUS ARTICLE
Henry Ward Baldwin, Saegertown, Pa., assignor to Baldwin Laboratories, Inc., Saegertown, Pa., a corporation of Pennsylvania
Application August 10, 1935, Serial No. 35,685
2 Claims. (Cl. 299—24)

1. As a new article of manufacture, a manufactured, fibrous, absorbent material having a uniform texture containing absorbed therein spaced parallel tracks of a volatile liquid losing its value upon volatilization, the volatile liquid tracks substantially penetrating said absorbent material and the spaces between said tracks containing



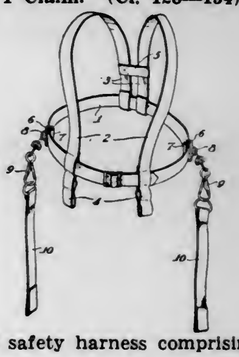
substantially less of said volatile liquid than said tracks.

2,132,555
METHOD OF MAKING A TUBULAR ARTICLE
James W. Baxter, Ellwood City, Pa., assignor to National Tube Company, a corporation of New Jersey
Application December 21, 1936, Serial No. 117,083
1 Claim. (Cl. 153—1)



That method of manufacturing a heat transfer conduit having a smooth inner bore and a longitudinally directed drip-lip or fin on the outer surface thereof which comprises positioning a tubular blank having substantially the inner diameter of the finished conduit in a second tubular blank, the inside diameter of said outer tubular blank being appreciably larger than the outer diameter of said inner tubular blank, continuously and progressively rolling the outer tubular blank upon the inner tubular blank to form a straight longitudinally directed radially outwardly extending drip-lip or fin of U-shaped cross-section in said outer blank and to bring said outer blank except that portion thereof forming the drip-lip or fin in tight heat transferring relation with all portions of the inner tubular blank while maintaining substantially the same cross-sectional thickness of the outer tubular blank.

2,132,556
SAFETY HARNESS FOR A CHILD
Jessie Ina Blackshaw, Watford, England
Application September 15, 1937, Serial No. 164,089
1 Claim. (Cl. 128—134)



A child's safety harness comprising a belt, a

pair of shoulder straps connected at their rear ends with said belt at the back thereof, said shoulder straps, at their front ends, being doubled upon themselves and having their doubled portions permanently fastened together at spaced intervals to provide a series of loops to selectively have the front portion of the belt passed therethrough, thereby to vary the effective lengths of said straps, and coupling straps slidably connected with opposite side portions of said belt.

2,132,557

METHOD OF TREATING METAL

Samuel H. Bobrov, Gary, Ind., assignor to American Sheet and Tin Plate Company, a corporation of New Jersey

No Drawing. Application April 17, 1936, Serial No. 75,017

2 Claims. (Cl. 148—13.1)

1. The method of treating a metallic article which includes coating at least one surface thereof with a solution comprising an organic solvent and a soluble alkaline earth metal soap, and heat-treating said metallic article, to its annealing temperature thereby forming metallic oxides from the originally applied coating through decomposition by heat whereby the sticking of said metallic article to another metallic article is prevented.

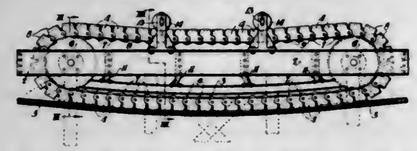
2,132,558

TRACTOR TYPE CARRIAGE

Carl Braune, Worcester, Mass., and Eugene J. Reardon, East Haven, Conn., assignors to The American Steel and Wire Company of New Jersey, a corporation of New Jersey

Application December 31, 1936, Serial No. 118,646

2 Claims. (Cl. 105—148)



1. In combination with a cable, an overhead tractor carriage having a wide area of longitudinal contact with said cable, said carriage comprising a supporting frame, a curved track carried by said frame, grooved rollers mounted on said frame adjacent the ends thereof, said track extending into the grooves formed on said rollers, and a continuous tread surrounding said rollers and track, said continuous tread including a plurality of pivotally connected shoes having a cable engaging surface so constructed and arranged as to present a maximum area of contact with said cable both in circumferential and longitudinal directions.

2,132,559

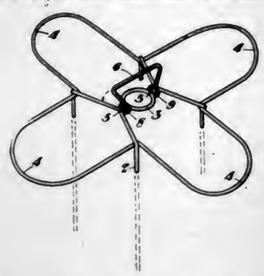
HANDLE FOR REELS

Edwin H. Broden, Swissvale, Pa., assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey

Application March 1, 1937, Serial No. 128,533

1 Claim. (Cl. 242—77)

A reel consisting of a cage-barrel provided with depressed centers and heads secured to the ends thereof, said barrel and said heads being composed solely of wire in combination with an open ended wire loop, said wire loop pivotally connected by its open ends to at least one end of said reel, said wire loop being constructed and arranged to provide a handle portion spaced from the end of said reel when in use and to fit in the



depressed center of said cage-barrel when not in use.

2,132,560

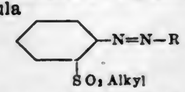
AZO DYESTUFFS AND PROCESS OF MAKING THE SAME

Friedrich Felix and Jakob Scheidegger, Basel, Switzerland, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland

No Drawing. Application September 11, 1935, Serial No. 40,191. In Switzerland September 28, 1934

9 Claims. (Cl. 260—200)

8. Water-insoluble azo dyestuffs having the general formula



wherein R represents the radical of an aromatic amine coupling component selected from the group consisting of aminobenzenes and aminonaphthalenes, which has been coupled in para position to the amino group.

2,132,561

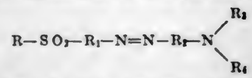
AZO DYESTUFFS

Friedrich Felix and Jakob Scheidegger, Basel, Switzerland, assignors to Society of Chemical Industry in Basle, Basel, Switzerland

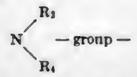
No Drawing. Application January 22, 1936, Serial No. 60,351. In Switzerland January 29, 1935

17 Claims. (Cl. 260—198)

1. The azo-dyestuffs of the general formula



in which R stands for a substituent selected from the group consisting of alkyl and aralkyl, R_1 stands for a nucleus of the benzene series wherein the R—SO_2—group and the —N=N—group stand in para position to each other, R_2 stands for a member selected from the group consisting of an aromatic nucleus of the benzene and naphthalene series in which the 1-position is occupied by the —N=N— group and in which, of the 2- and 4-positions, one is occupied by an H-atom and the other by the



R_3 stands for a member selected from the group consisting of hydrogen, alkyl, aralkyl and aryl, and R_4 stands for a member selected from the group consisting of hydrogen, alkyl and aralkyl, which products, in a dry state, are dark powders, soluble in pyridine to yellow, orange, red and violet solutions, and dyeing lacquers and the fiber similar tints.

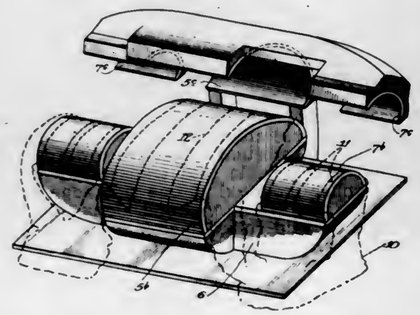
2,132,562

PRESSING MACHINE

Morris Friedman, Chicago, Ill.

Application June 14, 1937, Serial No. 148,187

4 Claims. (Cl. 38—5)



1. A pressing machine for simultaneously pressing the collars and cuffs of two shirts, comprising a frame mounting a substantially semi-cylindrical convex medial buck and a pair of substantially semi-cylindrical convex side bucks, one of said bucks being on each side of said medial buck in spaced relation thereto, the axis of curvature of all of said bucks being transverse of said machine, said medial buck being adapted to receive in laterally spaced relation the collars of two shirts, and each of said side bucks being adapted to receive both cuffs of the shirt belonging to the adjacent collar on the medial buck.

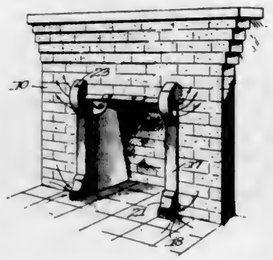
2,132,563

FIREPLACE HEATER

George Brewster Gallup, Bradenton, Fla.

Application May 11, 1937, Serial No. 142,027

16 Claims. (Cl. 126—121)



1. A fireplace heating device comprising a pair of air heating units adapted to be positioned bodily within a fireplace upon opposite sides thereof and having inlet and outlet openings through which the air to be heated passes, a pair of end plates each mounted on one of said units adjacent the front upper portion thereof and adapted to be positioned in front of the top edge of the fireplace opening, and a central plate adjustably connected to said end plates to permit lateral adjustment of said units.

2,132,564

DRIP LIP TUBING

Thomas A. Graham, Ellwood City, Pa., and Herbert W. Mollison, Highland Park, Ill., assignors to National Tube Company, a corporation of New Jersey

Application December 21, 1936, Serial No. 117,104

1 Claim. (Cl. 257—179)



A tubular unit adapted to be used in a liquid regenerator, said unit comprising a tube provided with a radially outwardly extending rib-like drip lip in the wall thereof, said drip lip comprising an outwardly bent portion of said tube extending longitudinally and continuously thereof, and a second tube securely assembled within the first named tube so that the outer surface of said second tube contacts substantially the entire inner surface of said first named tube.

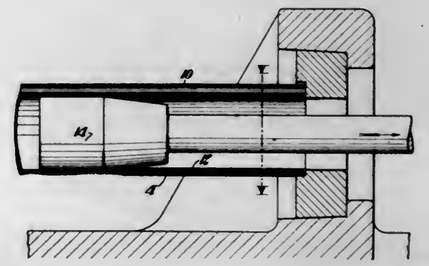
2,132,565

METHOD OF MAKING A TUBULAR ARTICLE

Thomas A. Graham, San Francisco, Calif., assignor to National Tube Company, a corporation of New Jersey

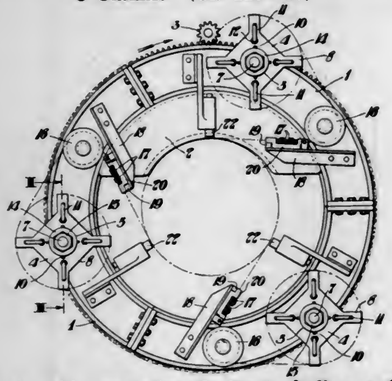
Application May 13, 1937, Serial No. 142,455

6 Claims. (Cl. 29—156)



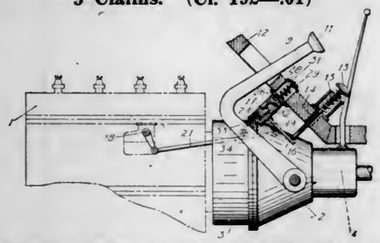
1. That method of manufacturing a heat transfer conduit having a smooth circular inner bore and a longitudinally extending drip lip or fin in the circumference thereof which comprises forming a tube having a radially outwardly extending drip lip or fin in its wall extending longitudinally and continuously the length of the tube, the drip lip or fin being substantially V-shaped in section, disposing a second tube having an outside diameter but slightly smaller than the inside diameter of the first mentioned tube in the bore of the first mentioned tube, and expanding the inner tube until the outer surface thereof bears upon and slightly expands the outer tube so as to slightly spread the V-shaped drip lip in the wall thereof so that said inner tube is securely held within said outer tube and all of the surface of the outer tube except for the portion thereof forming the drip lip or fin being in tight heat transfer relation with the surface of the inner tube.

2,132,566
CABLE WRAPPING
Guy Gilbert Greene, San Francisco, Calif., and Fred A. Pneuman, New York, N. Y.
Application March 15, 1937, Serial No. 131,082
5 Claims. (Cl. 117—37)



1. A cable wrapping device including a flyer and wire straightening rolls mounted by said flyer so that wire leaving said rolls feeds tangentially onto the cable to be wrapped.

2,132,567
CONTROL AND DRIVING METHOD AND APPARATUS
William E. Haupt, Westville, N. J., assignor to Automatic Drive and Transmission Company, Gloucester City, N. J., a corporation of New Jersey
Application January 21, 1932, Serial No. 588,023
5 Claims. (Cl. 192—.01)



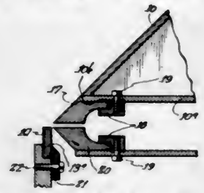
1. For use with an internal combustion engine which is coupled to an automatic friction clutch of the character having a control member movable from an automatic position, wherein the clutch is disengaged at idling speed and automatically engages when the engine is accelerated from idling speed to a predetermined speed in excess of idling speed, to a disengaging position, wherein the clutch is disengaged at all engine speeds, fuel supplying means for said engine, said clutch being coupled to a load having a brake mechanism associated therewith, a control element for said brake mechanism and means interconnecting said control member and said brake control element to said fuel supplying means in such manner that the engine cannot be supplied with sufficient fuel to cause it to operate at speeds as high as said predetermined speed when said control member is disposed out of automatic position or said brake control element is actuated, whereby said clutch cannot be re-engaged until said control member is restored to automatic position and said brake mechanism is released, and means for controlling the speed of said engine independently of the connection of said control member and control element to said fuel supplying means.

2,132,568
PLANT GUARD
Dennis E. Jacobs, Wauchula, Fla., assignor of one-half to William J. Leimbach, Cleveland, Ohio
Application September 22, 1937, Serial No. 165,190
1 Claim. (Cl. 47—31)



A protector of the class described, comprising an elongated rectangular member of resilient screen material normally reactive toward a flat condition and flexible into transversely arched form, a roller mounted at one side edge of the member on the same to extend along said edge, a curtain on said roller having a free edge attachable to the opposite side edge of the member at will, said roller being freely rotatable to feed the curtain therefrom, whereby the member may be flexed from normal condition with said curtain attached to said side edge thereof, hooked locking bars pivoted to one side edge of the member to take over the other side edge thereof in the arched position of said member and thereby retain the same in arched form, and cords attached at one end to one side edge of the member for looping through the member at the opposite side edge thereof to bend said member into arched form by pull exerted on the opposite ends thereof.

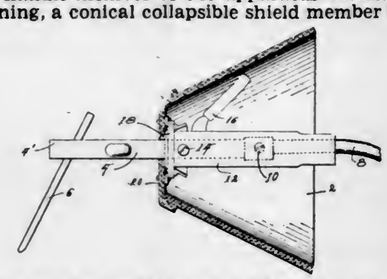
2,132,569
BENDING BRAKE
Thomas J. Kelleher, Chicago, Ill.
Application March 22, 1937, Serial No. 132,427
2 Claims. (Cl. 153—5)



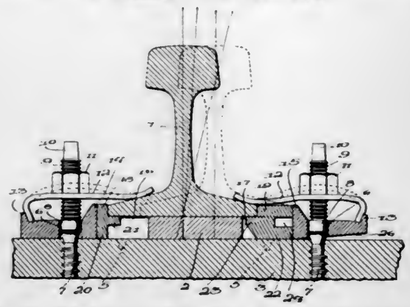
1. In a bending brake including at least one bending leaf, a removable jaw for said leaf, said jaw having a rearwardly extending shank lapping the forward edge of one surface of said leaf, an elongated clamp having a portion lapping substantially the entire rear edge of said jaw to hold the same against said leaf, said leaf having an elongated recess therein parallel to said rear edge of said jaw, an elongated boss on said clamp fitting in said recess, and means extending through the floor of said recess and removably securing said boss in said recess whereby to clamp said jaw to said leaf and positively lock the same and said clamp against rearward departure.

2,132,570
HAND SHIELD FOR WELDING APPARATUS
Domenic Leone, Baltimore, Md.
Application October 12, 1937, Serial No. 168,659
1 Claim. (Cl. 2—17)
A hand shield for hand welding apparatus

comprising, a rigid circular supporting member having an opening substantially through the center thereof and means for securing said supporting member substantially perpendicular to the handle member of the apparatus within said opening, a conical collapsible shield member having its smaller end secured to the outer rim portion of the said support and having its outer end open, whereby said collapsible shield member is extended completely about the handle of said apparatus for protecting the hand of the operator.



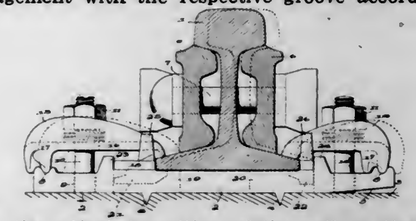
2,132,571
TIE-PLATE CONSTRUCTION
Thomas Maney, Louisville, Ky.
Application July 27, 1931, Serial No. 556,206
2 Claims. (Cl. 238—304)



1. In railway construction, the combination of a tie-plate adapted to receive a rail, means for fastening the tie-plate to a tie, said tie-plate having a flat lower portion normally seated on a tie, and an inclined portion at one end of the tie-plate initially removed from the tie, the rail being adjustable toward the inclined portion to different lateral positions on the tie plate, means for engaging the rail in its laterally adjusted positions to hold the same in place, and one or more adjusting-pieces interposed between the tie-plate and rail in its different adjusted positions, said adjusting-pieces being spaced inside the tie-plate fastening means and held in place only by the tie-plate and rail.

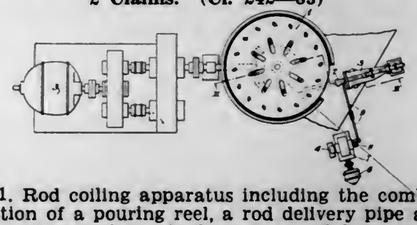
2,132,572
RAIL FASTENING
Thomas Maney, Louisville, Ky.
Application May 11, 1934, Serial No. 725,200
6 Claims. (Cl. 238—304)

1. In a rail fastening, the combination with a rail, of a tie plate receiving the rail for lateral adjustment of the rail thereon, one or more adjusting pieces for the rail interposed between the rail and a portion or portions of the tie plate, the tie plate having grooves in the upper surface thereof adjacent opposite ends thereof, a pair of clips, each having down-turned opposite end portions, one of said portions having a plurality of teeth thereon in position for selective engagement with the respective groove according



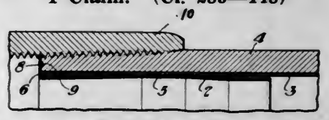
to the adjusted position of the rail on the tie plate, the other down-turned end portion of each clip being in overlying relation and bearing upon a base flange of the rail, and means for holding the clips against displacement.

2,132,573
ROD COILING APPARATUS
Louis N. McDonald, Youngstown, Ohio
Application November 21, 1934, Serial No. 754,148
2 Claims. (Cl. 242—83)



1. Rod coiling apparatus including the combination of a pouring reel, a rod delivery pipe arranged to reciprocate from one peripheral rod-carrying portion of said reel to another, a variable speed motor for revolving said reel, means for varying the speed of said motor and positively synchronized means for reciprocating said pipe and controlling the first named means so that the same causes said motor to operate at slower speeds when said pipe points toward the larger of said rod-carrying portions and at faster speeds when said pipe points toward the smaller of said portions.

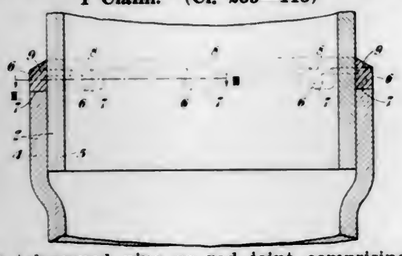
2,132,574
PIPE JOINT
Bolton C. Moise, Pittsburgh, Pa., assignor to National Tube Company, a corporation of New Jersey
Application October 22, 1936, Serial No. 107,076
1 Claim. (Cl. 285—148)



In an externally threaded pipe for carrying corrosive fluids wherein the end of said pipe is exposed thereto, of means to protect the end of said pipe from corrosive action, said means comprising a separable annular liner for the end of said pipe, said liner having a radially extending flange at its outer end, said flange being adapted to extend across the end of the wall of said pipe to substantially the crest of the external threads thereon, said flange being split to enable the conformation of its periphery to the pitch of the external threads on said pipe, said liner being provided with means for insuring its rotation

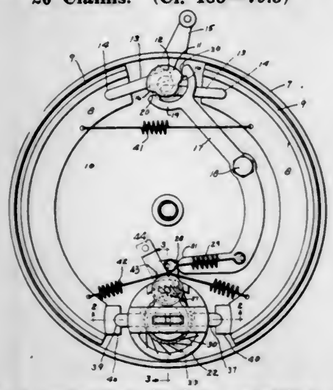
with said pipe whereby the periphery of the flange of said liner will be deformed into tight sealing engagement with the threads of an internally threaded member to which said externally threaded pipe may be connected.

2,132,575
WELDED JOINT
Bolton C. Moise, Pittsburgh, Pa., assignor to National Tube Company, a corporation of New Jersey
Application June 23, 1937, Serial No. 149,998
1 Claim. (Cl. 285—115)



A telescoped pipe or rod joint comprising a member having a hollow end, and a second member having one of its ends disposed in the hollow end of said first-named member, said first-named member having a plurality of spaced axially extending slots through the extremity thereof, said slots being extended through the wall of said first-named member and having their outer ends of reduced width, said second-named member having a recess opposite each of the slots in said first-named member said members being secured together by a continuous mass of weld metal extending around the extremity of said first-named member and into said spaced axially extending slots and the recesses of said second-named member.

2,132,576
AUTOMATICALLY ADJUSTABLE BRAKE
Edward J. Nachtwey, Green Bay, Wis.
Application August 8, 1936, Serial No. 94,996
20 Claims. (Cl. 188—79.5)



5. In a vehicular brake, operating means, brake elements, a brake drum, adjusting means, means coupling the operating means and the adjusting means, brake element actuating means operated by said operating means, said coupling means being so constructed and kinematically arranged that it operates the adjusting means before the actuating means effectively apply the brakes whereby the brake elements are adjusted relative to said drum prior to effective braking.

2,132,577
METHOD OF PREPARING PECTIN
Aksel G. Olsen, Newtonville, Mass., and Reinhold Stuewer, Battle Creek, Mich., assignors to General Foods Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application August 28, 1934, Serial No. 741,870. Renewed February 5, 1938
23 Claims. (Cl. 99—133)

4. A method of producing pectin which consists in first pickling pectin-containing material with mineral acid, the mass having a pH less than 1.0 and being in essentially solid state with substantially no free liquid, maintaining a temperature not greater than 50° C. during the pickling operation, continuing the pickling treatment for a time sufficient to produce soluble pectin, and then extracting the pickled mass with hot water to remove the soluble pectin.

2,132,578
ILLUMINATING MEANS FOR INDICATING INSTRUMENTS
Wladimir A. Reichel, Bellerose, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application September 24, 1937, Serial No. 165,587
2 Claims. (Cl. 176—32)



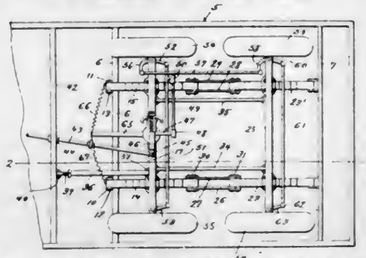
1. A miniature lamp structure comprising a plug base member having a finger-operable gripper portion and providing external electrical contacting metallic screw threads, an elongated miniature lamp bulb having terminal leads, a plurality of metallic prongs extending longitudinally of the lamp and adapted to grip the same and having their ends bent outwardly from the lamp to form contacts which are adapted to engage cooperating contact means of a socket when the lamp structure is inserted therein, an insulating collar surrounding said prongs and abutting the outwardly bent portions thereof, said collar holding the prongs and lamp in assembled relation and this assemblage being seated in the plug base member in concentric relation therewith, connections for the terminal leads of the lamp to the metallic screw threads and to the metallic prongs, and insulating plastic material in said plug base member for securing said lamp assembly in said base.

2,132,579
METHOD FOR PRODUCING UNHAIRED HIDES WITH THE AID OF MOLD TRYPTASES
Otto Röhm, Darmstadt, Germany
No Drawing. Application March 25, 1936, Serial No. 70,890. In Germany April 2, 1935
6 Claims. (Cl. 195—6)

1. A method of preparing hides or skins for tanning, which comprises pre-treating the hides with an alkaline reagent and then subjecting the pre-treated hides or skins for depilating and

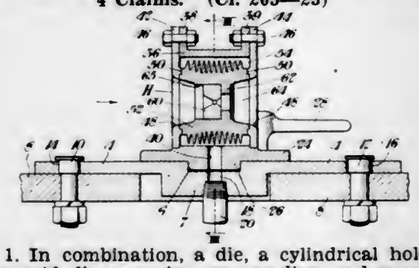
bating purposes to a neutral to weakly acid solution containing a mold tryptase together with sodium bisulphite.

2,132,580
DIRIGIBLE TRAILER
Charles Runyan, Great Meadows, N. J.
Application June 18, 1937, Serial No. 148,994
3 Claims. (Cl. 280—104)



1. In a trailer, a chassis frame, a wheeled truck including a pair of axles, means holding said axles in relative parallelism, transversely spaced spring means connecting the axles to the chassis frame, each of said spring means including a pair of longitudinally aligned and longitudinally spaced leaf springs connected at their forward and rear ends respectively to the chassis frame, and a toggle link connection between the front end of the rear spring and the rear end of the front spring and comprising a pair of spaced parallel links connected at their opposite ends to the adjacent ends of said front and rear springs, a yoke pivotally suspended from the chassis and shackles pivotally connecting the ends of the yoke to the adjacent ends of said springs.

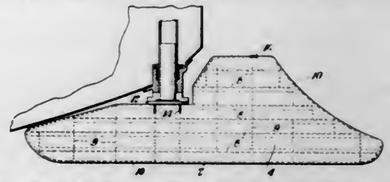
2,132,581
DIE-HOLDER
William J. Schuster, Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey
Application November 27, 1936, Serial No. 113,051
4 Claims. (Cl. 205—25)



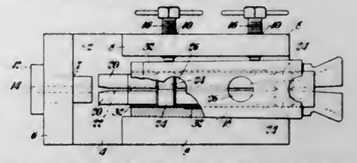
1. In combination, a die, a cylindrical holder for said die, a casing surrounding and secured to said holder, a base for said casing, quickly releasable means securing said casing to said base, a support, means mounting said base on said support and allowing limited lateral movement thereof and means permanently fastened to said base for circulating air through said casing.

2,132,582
RUDDER
Harry F. Shaw, McKeesport, Pa.
Application December 21, 1936, Serial No. 117,071
2 Claims. (Cl. 114—162)

1. A water-tight rudder comprising a pair of spaced parallel metal plates, channel members welded to and between said plates for spacing and securely holding them in spaced relation, a metal strip extending between and joining the plates and continuously welded to the edges thereof to provide an integral hollow buoyant body having a smooth outer surface, and a flange carried thereby for attaching said rudder to a rudder operating stem.

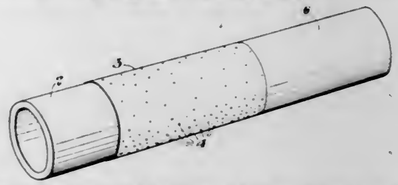


2,132,583
JIG
John A. Skogsberg, Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey
Application November 9, 1936, Serial No. 109,971
4 Claims. (Cl. 29—89)



1. A jig for aligning half guides in guide holders comprising a body portion, an upwardly extending end flange having an aperture therethrough associated with said body-portion, a pair of opposed upwardly extending side flanges one of which is provided with tapped apertures therethrough associated with said body-portion, a centering plug having an aperture therein snugly received in said aperture in said end flange, screws engaged with said tapped apertures, the area defined by said flanges being adapted to receive a guide holder and two half-guides, and means cooperating with said apertured plug for positively aligning said half-guides with said aperture in said plug.

2,132,584
METHOD OF COATING
Frank N. Speller, Pittsburgh, Pa., assignor to National Tube Company, a corporation of New Jersey
Application June 17, 1935, Serial No. 27,104
1 Claim. (Cl. 148—6)



The method of treating a ferrous metal article which includes coating the same with a metal which is cathodic thereto, said coating being such that minute pin-holes are formed therein, and then exposing said coated article to an approximate 5 percent solution of sodium bicarbonate at a temperature of approximately 130 degrees

Fahrenheit, said solution being capable of producing free carbon dioxide and corroding said coating sufficiently to clog the pin-holes therein.

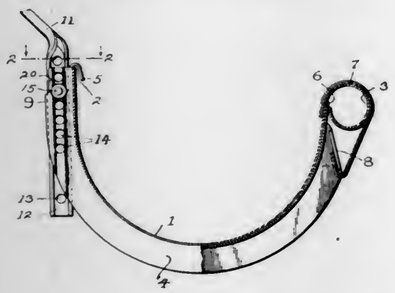
2,132,585
PURIFICATION OF ALKALI METAL HYDROXIDES
Henry Mills Spittle, Northwich, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application May 20, 1937, Serial No. 143,854. In Great Britain May 26, 1936
10 Claims. (Cl. 23—184)

9. In the purification of caustic alkali solutions containing silica, the process which comprises subjecting such solutions, in contact with substantial amounts of a material selected from the group consisting of alkaline earth metal oxides, hydroxides and salts, to the action of an added ferric compound, said ferric compound being present in sufficient amount to provide a molecular ratio of ferric iron, calculated as Fe_2O_3, to said silica greatly in excess of 1:1, and removing the precipitate formed.

2,132,586
PREVENTION OF CORROSION FATIGUE FAILURES
Frank N. Speller, Pittsburgh, Pa., assignor to National Tube Company, a corporation of New Jersey
No Drawing. Application March 24, 1937, Serial No. 132,881
3 Claims. (Cl. 148—6.5)

1. A method of retarding corrosion fatigue failure of steel having a repeatedly stressed surface immersed in fluid containing oxygen, including constantly keeping the oxygen dispersed throughout the fluid to prevent localized corrosion of the steel.

2,132,587
BRACKET GUTTER HANGER
Samuel Steckler, White Plains, N. Y., assignor to Arthur Steckler, White Plains, N. Y.
Application January 28, 1937, Serial No. 122,864
4 Claims. (Cl. 248—48.1)

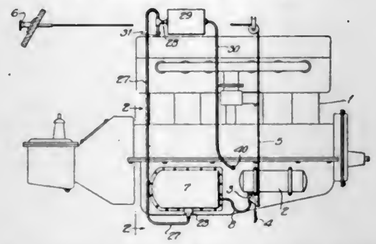


4. A gutter hanger comprising a supporting member adapted to receive a gutter, said supporting member having upright sides at the inner end thereof forming a housing, one of the latter sides having an upright rib integrally formed therein, a supporting bracket having an upright shank substantially U-shaped in cross section and inserted into the housing with the ribbed and opposite side of said supporting member embracing the open and closed sides of said supporting shank.

2,132,588
DIAROMATIC PEROXIDE
Jan Straub, Amsterdam, Netherlands, assignor to Albert Gerrit Oosterhuis, Amsterdam, Netherlands
No Drawing. Application June 29, 1937, Serial No. 151,065. In the Netherlands May 12, 1936
4 Claims. (Cl. 260—610)

3. An aqueous suspension of a diaromatic peroxide consisting substantially of uniform particle of a size below 10μ which suspension contains a protective colloid.

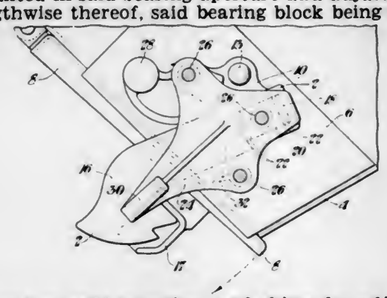
2,132,589
MOTOR LUBRICATING SYSTEM
Is,Alva Walters, San Diego, Calif.
Application April 26, 1937, Serial No. 139,070
3 Claims. (Cl. 184—6)



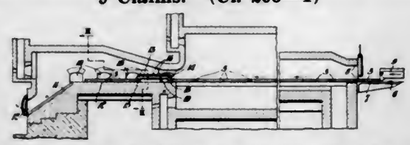
1. In an internal combustion engine having a crank case serving as a reservoir for lubricating fluid and a force-feed lubricating system associated therewith including a line adapted to transfer lubricating fluid from said reservoir to other parts of the engine, means for facilitating and accelerating said transfer which comprises a chamber positioned adjacent said crank case, a partition in said chamber dividing same into a first and a second compartment, said partition having an opening formed therein communicating with both of said compartments, said first compartment having an opening formed in the wall thereof communicating with said reservoir whereby lubricating fluid from said reservoir normally occupies without filling, both of said compartments, said second compartment having an opening formed therein communicating with said lubricating fluid transfer line whereby fluid can pass from said reservoir through said compartments to said line, a compressed air reservoir, a line communicating with said compressed air reservoir and said second chamber, valve means for controlling flow of compressed air in said line, and means for simultaneously closing said opening in said partition and directly admitting compressed air to said second chamber whereby lubricating fluid is forced from said compartment into said lubricating fluid transfer line.

2,132,590
DOOR LATCH
Edwin H. Waterman, Munhall, Pa.
Application December 30, 1936, Serial No. 118,398
3 Claims. (Cl. 105—308)

1. A door latch including a filler-plate adapted to be individually secured adjacent a door, a trunnion associated with said filler-plate, a hook having a bearing aperture therein, a bearing block mounted in said bearing aperture and adjustable lengthwise thereof, said bearing block being fulcrumed on said trunnion, and shims for adjustably positioning said hook on said trunnion.



2,132,591
CLEANING SLAB FOR CONTINUOUS FURNACES
Joseph W. Weisen, Pittsburgh, Pa.
Application September 20, 1937, Serial No. 164,783
9 Claims. (Cl. 263—1)



1. The method of cleaning the hearth of a continuous furnace for heating steel slabs which comprises charging the furnace at one end with steel slabs, feeding and moving said slabs into and through said furnace, periodically placing a channel-like flanged metal cleaning member in the charging line with the flanges thereof extending downwardly and moving the same through the furnace, and cleaning the hearth in under the channel portion of said member from openings in the side of the furnace as said member passes thereover.

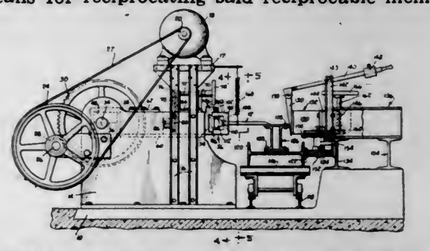
5. A metallic slab for cleaning continuous furnaces for heating metal slabs and the like comprising a longitudinally extending member having an inverted U-shaped cross-section.

2,132,592
DISPOSAL OF AMMONIA LIQUOR
Joseph H. Wells and Philip J. Wilson, Jr., Pittsburgh, Pa., assignors to Carnegie Steel Company, a corporation of New Jersey
No Drawing. Application September 23, 1935, Serial No. 41,831
6 Claims. (Cl. 210—2)

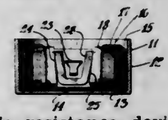
1. A process for treating liquor containing ammonia, ammonium chloride and undesirable organic compounds with manganese dioxide to oxidize said compounds, including boiling the liquor to bring its pH within a range of from 9 to 4, and treating it with manganese dioxide to effect the desired oxidation without material amounts of the manganese dioxide dissolving in the liquor.

2,132,593
APPARATUS FOR REMOVING RIVETS FROM STRUCTURES
James W. Ames, Montclair, N. J.
Application September 2, 1936, Serial No. 99,045
10 Claims. (Cl. 164—49)

1. An apparatus of the character described including, in combination, a support, a member reciprocably mounted thereon, said member being provided with means for receiving a tool, means for reciprocating said reciprocable member, said reciprocable member comprising a plurality of connected parts forming a sectional member, and means whereby said parts may be moved away from or toward each other to change the length of said reciprocable member.

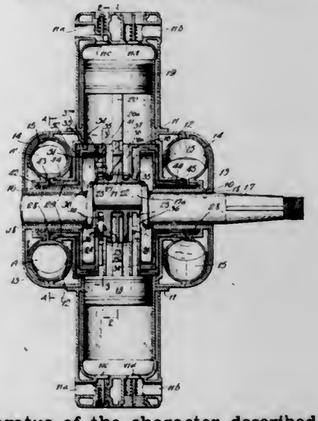


2,132,594
VARIABLE RESISTANCE DEVICE
Marion J. Arvin, Indianapolis, Ind., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
Application October 31, 1936, Serial No. 108,588
5 Claims. (Cl. 201—63)



1. A variable resistance device comprising a cylindrical casing and a resistance element therein, said element comprising a strip of material bent to conform to the cylindrical wall of said casing with the ends thereof spaced apart along the wall of said casing and a U-shaped spring wedge between said ends with the arms thereof disposed in engagement with said ends and held in compression by said ends.

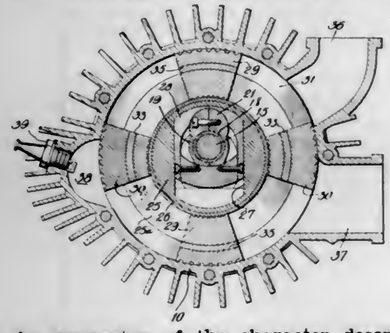
2,132,595
DISPLACEMENT MEANS
Charles Bancroft, New Canaan, Conn.
Application November 17, 1937, Serial No. 174,925
15 Claims. (Cl. 103—129)



1. Apparatus of the character described comprising a crank shaft having a crank pin, a disk

rotatably mounted on said crank pin eccentrically thereof, a rod having an aperture intermediate its ends in which said disk is journalled, means co-operating with the ends of said rod for effecting rectilinear reciprocation thereof, a pair of rotatable members coaxial with said crank shaft, a pair of blocks, radial guide means on one rotatable member engaged by one of said blocks, radial guide means on the remaining rotatable member engaged by the remaining block, and means pivotally connecting said blocks to said disk at equal distances from the crank pin axis and in alinement therewith.

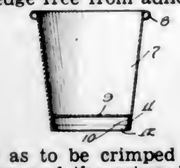
2,132,596
ROTARY DISPLACEMENT MEANS
Charles Bancroft, New Canaan, Conn.
Application January 29, 1938, Serial No. 187,670
24 Claims. (Cl. 103—129)



1. An apparatus of the character described comprising a crank shaft having a crank pin, rotatable cylindrical members coaxial with said crank shaft and having radial rectilinear guideways, a pair of pistons connected to each cylindrical member, an annular chamber housing said pistons and having inlet and outlet ports, a connecting member rotatably mounted on said crank pin and provided with an arcuate bearing pad for each cylindrical member, means for effecting rotation of said connecting member twice about the crank pin for each rotation of the crank shaft counter to the direction of rotation of said crank shaft, and a block slidably associated with each guideway in alinement with each bearing pad and having an aperture surrounding said connecting member, a portion of the aperture surface being of proper curvature to journal the bearing pad and the remainder of the aperture being of such size and shape as to permit limited relative rotary movement between said block and connecting member while preventing relative rectilinear movement thereof.

2,132,597
CONTAINER
Cesare Barbieri, New York, N. Y., assignor to Dixie-Vortex Company, Chicago, Ill., a corporation of Delaware
Application October 5, 1936, Serial No. 104,036
1 Claim. (Cl. 229—5.6)

A container of the character described made from a body blank and a bottom blank, the body blank having adhesive adjacent a side edge to join overlapping marginal portions to provide a tubular body, and said body blank having adhesive along the bottom edge but spaced from this edge to leave an edge part free of adhesive, a bottom blank having a depending flange disposed in the tubular body with the second said adhesive joining the body and flange, and the lower body edge free from adhesive being turned



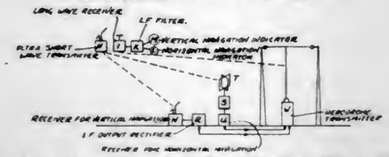
inwardly so as to be crimped against the edge of said flange and the extremity thereof terminating beyond said crimped engagement and a material distance below the bottom proper.

2,132,598
VENTED STOPPER
Larry J. Barton, Oakland, Calif., assignor to Clorox Chemical Co., Oakland, Calif., a corporation of Delaware
Application March 7, 1936, Serial No. 67,673
5 Claims. (Cl. 215—56)



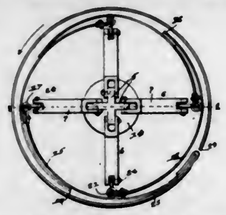
5. A stopper of compressible material having an opening therethrough, an insert fixed in position in said opening, the contour of said insert being such as to form with the wall of the opening throughout the length of the latter, one or more passages for permanently venting the stopper, said passages being unobstructed from the outside of the stopper to the bottle side thereof, the insert being of substantially uniform cross sectional shape throughout its engagement with the stopper and having its bottle end tapering, said tapering end continuously decreasing in cross section toward the bottle end of the insert, said passage or passages opening into said tapered end, and said tapered end extending below the lowermost point of engagement of said insert and said stopper.

2,132,599
LANDING MEANS FOR AIRCRAFT
Karl Baumann, Basel, and Armin Ettinger, Birsfelden, near Basel, Switzerland
Application January 31, 1936, Serial No. 61,720
In Switzerland December 23, 1935
5 Claims. (Cl. 250—11)



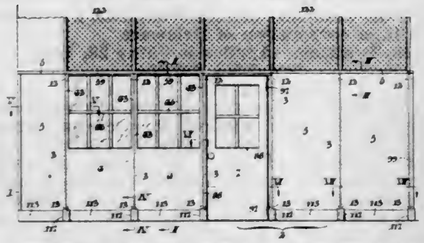
1. In means for assisting the landing of aircraft, means for transmitting signals from the aircraft, directionally sensitive aerials on the ground by which said signals are received, means for establishing answer-back signals from ground to aircraft, a vertical navigation receiver on the ground and connected with one of said aerials, and means including a horizontal navigation receiver connected to another of said aerials for so varying automatically from a predetermined point of approach of the aircraft the amplification of said vertical navigation receiver to vary a characteristic of the answer-back signals so that the pilot in order to maintain a constant intensity of reception of the answer-back signals is compelled to descend at an angle intersecting the levels in the field of the receiver for the vertical navigation.

2,132,600
ABRASIVE TREATER
George C. Beck, Spokane, Wash.
Application September 7, 1937, Serial No. 162,603
11 Claims. (Cl. 51—184.4)



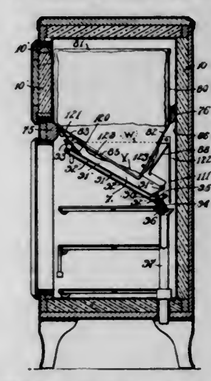
1. In a cylinder smoother and emery removing device, a rotatively driven spindle, a plurality of propulsive expanding cam bars pivoted thereto, a cam adjustable on said spindle for expanding or permitting contraction of said bars, a backing strip supporting and equalizing rod for each cam bar and said rods being pivoted to their respective bars between the ends of said rods whereby said rods may assume a concentric or tapered relation to said spindle, a substantially cylindrical resilient backing strip for each rod and each strip having an advance free end and a trailing propulsive end with respect to the direction of rotation of said device, and the propulsive trailing end of each strip being pivotally sleeved on its respective rod and said backing strips being disposed in circumferential overlapping relation about said spindle and being tensioned to normally contract to the smallest diameter, whereby an abrasive strip may be connected with the free end of one of said backing strips and extend about the remaining backing strips in free trailing relation for uniform engagement with the cylinder wall.

2,132,601
METALLIC PARTITIONING
Alfred B. Bell, Gardner, Mass.
Application October 2, 1936, Serial No. 103,661
25 Claims. (Cl. 189—34)



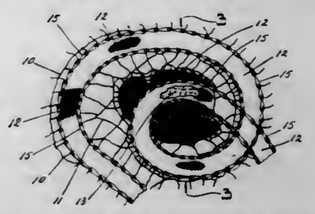
1. Partitioning comprising posts having spaced longitudinal faces, panels with facing elements extended therebeyond and retroverted to form flanges for mutual edge abutment medially lengthwise of the post spaced faces, means for securing the panels between the posts by relative sliding action, and means for anchoring the posts in position including coactive shims having portions inclined to the horizontal whereby the posts are vertically adjustable.

2,132,602
REFRIGERATOR
Charles F. Belshaw, Greenville, Mich.
Application July 27, 1935, Serial No. 33,457
9 Claims. (Cl. 62—46)



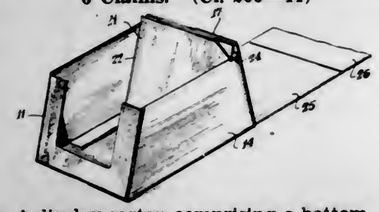
1. A refrigerator comprising a main shell having a closable opening leading into its upper region and a closable opening leading into its lower region, and a comparatively-narrow inwardly-projecting completely-annular shelf arranged within the shell intermediate said upper and lower regions, the arrangement being such that, a block of water ice (of larger cross dimensions than the opening defined by the inner periphery of said annular shelf) being supported on said shelf, the contact between said shelf and ice will block air flow from the lower shell region to the upper shell region through said opening and the resultant melting of the ice will result in the downward extrusion of an ensmalled lower portion of the ice block through the opening defined by said shelf, sufficient to maintain effective refrigeration.

2,132,603
FILLED LACE
Julius Brickner, Brooklyn, N. Y., assignor to C. H. D. Robbins Co., Inc., a corporation of New York
Application March 26, 1938, Serial No. 198,303
1 Claim. (Cl. 2—278)



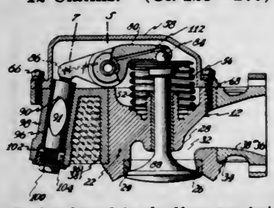
As a new article of manufacture, a lace fabric comprising sections of loose mesh threads forming an open work body and close mesh threads forming a solid portion of predetermined design, a filling thread beneath the solid portion, stitching comprising cross threads extending across the bottom face of the solid portion of the lace fabric and across the filling thread and confining the latter in place and forming a raised design of predetermined formation on the upper face of the lace fabric, said stitching also having portions thereof extending along parallel marginal edge portions of the raised design and through the solid portion of the lace fabric.

2,132,604
CARTON
Kenneth N. Chase, Montclair, N. J., assignor to Vick Chemical Company, Wilmington, Del., a corporation of Delaware
Application January 27, 1937, Serial No. 122,502
6 Claims. (Cl. 206—44)



1. A display carton comprising a bottom, vertical outer side walls, a vertical rear wall and a rearwardly sloping front wall, inner side walls integral with and depending from the upper edges of said outer side walls, and a sloping interior rear wall substantially parallel with said front wall including overlapping flaps respectively integral with said inner side walls along fold lines which are substantially parallel with said front wall in the assembled condition of the carton.

2,132,605
CYLINDER HEAD
Roland Chilton, Ridgewood, N. J., assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J., a corporation of New York
Application November 29, 1935, Serial No. 52,029
12 Claims. (Cl. 123—170)

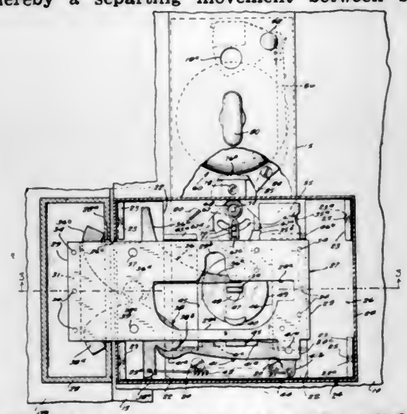


1. A cylinder head including an integral cylindrical extension, an arcuate port opening formed in said extension, and an annular port member shrunk around said extension communicating with said opening.

2,132,606
LOCK CONSTRUCTION
Charles Courtney, New York, N. Y.
Application February 23, 1935, Serial No. 7,699
20 Claims. (Cl. 70—131)

1. In lock construction, in combination, a two-part casing having a base portion provided with means for slidably guiding a bolt beyond either of two opposed ends of said base portion, a bolt slidably carried by said base portion and capable of being reversed end for end and to coact with said guiding means for projecting movement beyond either of said ends of said base portion, and closure means for completing the casing and for enclosing said bolt, said closure means being provided with an apertured end wall and a closed end wall each adapted to coact with either of said ends of said base portion depending upon whether or not said closure means is reversed end for end to correspond with the position given said bolt, and means for securing said closure means and said base portion together.

19. In lock construction adapted to have associated therewith a signaling means, in combination, a casing having slidably mounted therein a bolt for projection into the opening in a keeper wall, said bolt having means capable upon actuation to engage in back of the keeper wall to prevent movement of said bolt out of said keeper opening, operating means for projecting said bolt into the keeper opening and for actuating said first-mentioned means to engage in back of the keeper wall, said operating means including operating connections permitting movement of said bolt beyond its normal projected position as initially determined by said operating means, whereby a separting movement between said



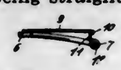
keeper wall and casing such as would result from an attempt to jimmy the lock construction is effective to bring about movement of the projected bolt beyond its normal projected position, and means responsive to the aforesaid movement of said bolt beyond said normal projected position for controlling said signaling means, whereby, upon such a separating movement between said keeper wall and casing taking place, the aforesaid movement of said bolt beyond said normal projected position affects said controlling means and the latter effects actuation of said signaling means.

2,132,607
BITUMINOUS EMULSIONS AND METHOD OF PRODUCING SAME
William N. Davis, Orville E. Cushman, and Joseph E. Fratis, Berkeley, Calif., assignors to Standard Oil Company of California, San Francisco, Calif., a corporation of Delaware
No Drawing. Application May 28, 1934, Serial No. 727,894
12 Claims. (Cl. 134—1)

1. An oil-in-water type bituminous emulsion normally unstable against breakdown when mixed with 10% of its weight of Portland cement, containing a small proportion of black liquor from the sulfate process of wood pulp manufacture, effective to render the emulsion stable against breakdown when mixed with as much as 10% of its weight of Portland cement.

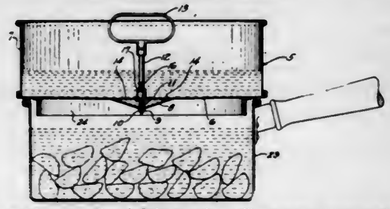
2,132,608
BELT BUCKLE
George R. Eaton, Denver, Colo.
Application April 26, 1937, Serial No. 138,919
2 Claims. (Cl. 24—178)

1. An ornamental belt buckle, having a frame provided with a cross bar at its front end, and a cross bar at its rear end, corresponding ends of the cross bars being joined by curved sides, the rear cross bar being in a plane lower than the front cross bar, a wide tongue having one end provided with an eyelet for enclosing the rear cross bar to form a pivotal connection therewith, the free end of the tongue lapping the front cross bar, the tongue being straight from its free end,



for a distance substantially equal to the distance between the front and rear cross bars, the rear end of the tongue terminating in a reverse bend, the forwardly extending portion of the reverse bend being connected to the eyelet by a section substantially perpendicular to the straight portion.

2,132,609
WATER REPLENISHING UTENSIL COVER
Flora Ellinger, Milwaukee, Wis.
Application April 29, 1937, Serial No. 139,678
1 Claim. (Cl. 53—1)



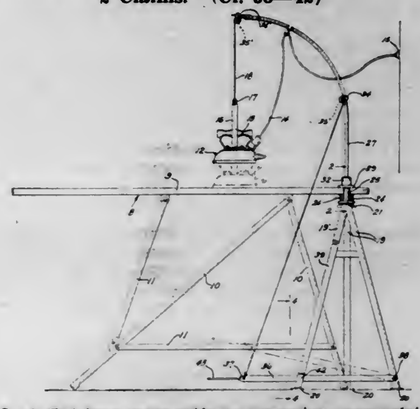
A water replenishing utensil cover, comprising a vessel adapted to contain water and having a flat bottom with a small central portion thereof formed as a funnel with a liquid discharge orifice in said portion, an adjustable valve controlling said orifice, graduations on said vessel flat bottom adjacent the orifice to indicate valve positions, and an indicator associated with the valve and movable over the bottom to cooperate with said graduations.

2,132,610
COMBINATION GARMENT
Flora Ellinger, Milwaukee, Wis.
Application April 29, 1937, Serial No. 139,679
1 Claim. (Cl. 2—77)



A combination garment of woven inelastic material, comprising a top, outer-wear member of jacket-like structure with the edges of the front sections meeting in overlapping relationship, a line of securing means for said overlapping edges, an elastic belt detachably mounted within the rear and side portions of said top member adjacent the waist line thereof, separated trunk sections for inner wear integral with and depending from said top member, a crotch placket secured to an inner upper side portion of each trunk section, said plackets being secured at their rear upper ends to a common portion of the rear of the top member adjacent its junction with the trunk sections and each placket being secured at its upper front end to separated portions of the front of the top member, the major portions of said plackets extending in looped overlapping relationship between said trunk sections, and pairs of securing means, laterally offset to one side of the line of securing means for the top member, for releasably holding said plackets together in closed overlapping condition, said belt contracting the lower rear portion of the garment and aiding in maintaining the rear portions of the plackets in closed condition.

2,132,611
FLATIRON SUPPORT
Flora Ellinger, Milwaukee, Wis.
Application April 29, 1937, Serial No. 139,680
2 Claims. (Cl. 38—42)

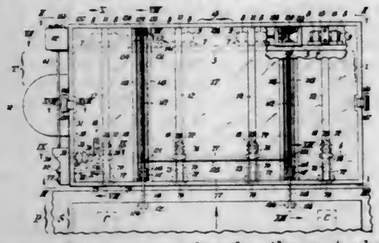


2. A flat iron supporting apparatus, comprising a stand, a curved post swively carried by said stand and extending above and over a table, friction means for retaining the post in a desired swiveled position of adjustment, means for varying the friction imposed by the last-mentioned means, a cable movably supported by the upper end portion of the post and depending therefrom, means on an intermediate portion of the post engaging the cable eccentrically relative to the axis of the post mounting stand and tending to turn the post to a fixed position, the cable being movable with respect to the post to vary the vertical disposition of its depending end relative to the table, said cable being movable by means located substantially at the one end of said cable, and a flat iron carried by the other end of the cable.

2,132,612
TRUCK
Robert Faries, St. Davids, Pa.
Application October 1, 1936, Serial No. 103,502
20 Claims. (Cl. 214—65)

1. A truck comprising a platform with a horizontal supporting fulcrum; and means for moving the platform about its fulcrum to bring one of its edges to the levels of loading platforms of different heights including a jack screw, a shackle pivotally connected at one end direct to the jack screw and similarly connected at the other end

to the truck platform beyond the fulcrum axis, a nut element confined against axial movement,



and reversible means whereby the nut element can be rotated in opposite directions.

2,132,613

HYDROGENATION CATALYST

Jacques Françon, Paris, France, assignor to Société Industrielle des Carburants et Solvants, Ivry-sur-Seine, France

Application September 28, 1935, Serial No. 42,674
In France October 5, 1934
2 Claims. (Cl. 23—236)

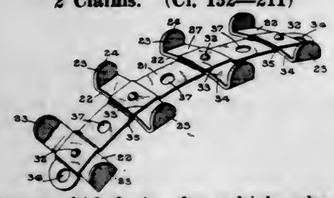
1. A process for depositing catalytic metals on metallic supports, comprising heating the said metallic supports at a temperature above 100° C. and leading a gaseous organo-metallic compound over the heated metallic supports, so as to cause decomposition of the said gaseous organo-metallic compound at the surface of the heated metallic supports and precipitation of the metal contained in the gaseous compound upon the said metallic supports.

2,132,614

NONSKID DEVICE FOR VEHICLE WHEELS

Bertram Parrott Gray, Birmingham, England

Application July 23, 1935, Serial No. 32,706
In Great Britain January 9, 1934
2 Claims. (Cl. 152—211)



1. A non-skid device for vehicle wheels comprising a tread, a resilient strip metal band extending longitudinally thereof, a plurality of strip metal elements of channel form in cross-section embedded within the tread with their sides extending longitudinally thereof, said elements being disposed with their bases in abutment with said band, the abutting parts of one of said strip metal members having a recess, the sides of the recessed portion of one member engaging the edges of the other member, means connecting the two members positively together and maintaining the elements in spaced relationship upon the band, and the sides of said elements extending outwardly of the tread to form a non-skid surface.

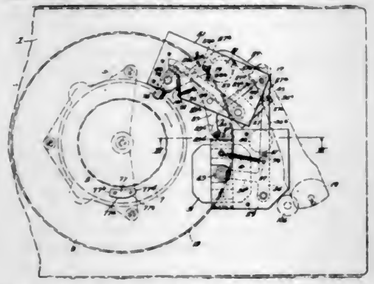
2,132,615

PHONOGRAPH STOP

Emile C. Guedon, Audubon, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application July 30, 1936, Serial No. 93,378
16 Claims. (Cl. 192—124)

1. In a phonograph of the type having a non-self-starting motor, a member movable relative to a record in playing position on the phonograph, means responsive to movement of said member in one direction for imparting a starting impulse



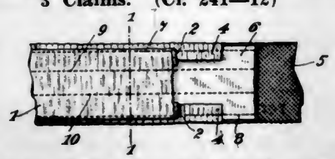
to said motor, and means responsive to movement of said member in another direction for stopping said motor.

2,132,616

GARMENT BAND

Harry Hardie, Baltimore, Md., assignor to The Faultless Manufacturing Company, Baltimore, Md., a corporation of Maryland

Application September 25, 1937, Serial No. 165,609
3 Claims. (Cl. 241—12)



1. As an article of manufacture, a shoulder strap band comprising a strip of stretchable fabric, a pair of in-turned hems on the edges of said strip and both facing the same side of said strip, a strip of non-stretchable fabric cut on the bias in order that said strip of non-stretchable fabric may be elongated by distortion of the weave of the fabric, a strip of sheet rubber adjacent the non-stretchable fabric, a pair of in-turned hems on the edges of said non-stretchable fabric, said hems on the strip of non-stretchable fabric facing the hems on the strip of stretchable fabric and enclosing the edges of the strip of sheet rubber, a pair of rows of stitches passing through said hems and the edges of the strip of rubber, and sewing said strips of fabric together to form a sheath, and stitches extending lengthwise of said strip of rubber and through said sheath to anchor said strip of rubber within said sheath remote from the rows of stitches through the hems of said sheath, said strip of sheet rubber being under sufficient tension to normally retain said strip of non-stretchable fabric in a shirred condition.

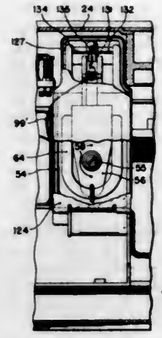
2,132,617

MEASURING INSTRUMENT

Thomas R. Harrison, Wyncote, Ernest H. Grauel, Perkasie, and John E. Kessler, Gettysburg, Pa., assignors to The Brown Instrument Company, Philadelphia, Pa., a corporation of Pennsylvania

Original application June 23, 1931, Serial No. 546,290. Divided and this application November 4, 1936, Serial No. 109,124
4 Claims. (Cl. 171—95)

4. In an instrument, a galvanometer coil and suspension, a molding, means adjustably supporting the suspension on the molding, a magnet, a plate, an instrument frame, means for removably uniting the plate, the magnet, and the molding into a unit, and means cooperating with



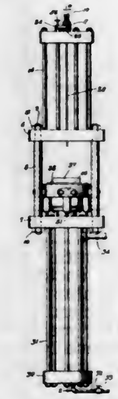
said plate and frame for securing said unit to the frame.

2,132,618

PRESS

Robert H. Hill, Elgin, Ill., assignor to J. E. Taylor, doing business as Taylor Engineering Company, Elgin, Ill.

Application May 29, 1936, Serial No. 82,503
10 Claims. (Cl. 62—121)



1. Apparatus of the character described, including a chamber having a normally open end, means for supplying a volatile fluid to the chamber for expansion therein to afford an accumulation of solid in the chamber, movable means for closing the normally open end of said chamber and for compressing the solid accumulated in the chamber into a compact form, and means for operating said movable means to seal the normally open end of said chamber during accumulation of the solid in said chamber and to subsequently unseal the normally open end of said chamber and compress the accumulated solid, the unsealing of the normally open end of said chamber permitting any unsolidified gas remaining in the chamber to pass therefrom through the said normally open end of the same during the compressing of the accumulated solid into compact form.

2,132,619

PROCESS OF COLORING OXIDE FILMS ON ALUMINUM AND ITS ALLOYS

Frederick Hill and Jack Augustus Radley, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application December 20, 1937, Serial No. 180,917. In Great Britain December 22, 1936
5 Claims. (Cl. 148—6)

1. Process for the coloration of artificial oxide films on metals of the class consisting of aluminum and its alloys by treatment with a dyebath containing a dyestuff of the class consisting of azo and anthraquinone dyestuffs which dyestuff contains a hydroxy-alkyl sulphuric ester group attached to an aromatic nucleus through an atom of the class consisting of nitrogen and oxygen and which dyestuff is devoid of any nuclear sulphonic and nuclear carboxylic groups.

2,132,620

PROCESS FOR THE COLORATION OF ARTIFICIALLY PRODUCED OXIDE FILMS ON ALUMINUM AND ITS ALLOYS

Frederick Hill and Jack Augustus Radley, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application January 12, 1938, Serial No. 184,710. In Great Britain January 18, 1937
2 Claims. (Cl. 148—6)

1. Process for the coloration of artificially produced oxide films on aluminum and its alloys which comprises treating such films with a dyebath containing a sulphuric ester of a leuco vat dyestuff of the anthraquinone series and thereafter developing the shade by means of an acid oxidizing agent.

2,132,621

SOYA MEAL FOR FEED

Artemy A. Horvath, Newark, Del.

No Drawing. Application November 2, 1937, Serial No. 172,379
6 Claims. (Cl. 99—9)

1. An improved feed composition for animals, comprising soya meal containing at least one of the bacterial strains from the group consisting of *B. mesentericus*, *B. subtilis* and *B. vulgatus*.

2,132,622

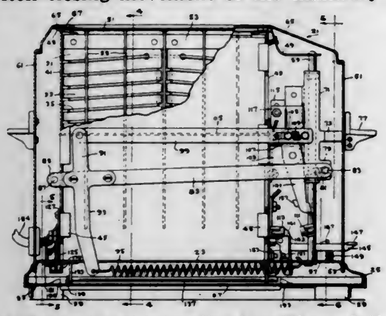
AUTOMATIC TOASTER

Murray Ireland, St. Paul, Minn., assignor to McGraw Electric Company, Chicago, Ill., a corporation of Delaware

Application March 31, 1937, Serial No. 134,066
10 Claims. (Cl. 219—19)

3. In a toaster, the combination with a pair of spaced vertically-extending main electric heaters, a control switch therefor biased to open position, a manually-actuable element connected to effect closing of said switch and a latch means to hold said switch in closed position, of a thermally-actuable means to effect release of said latch means including an auxiliary electric heater located between the spaced main heaters near the bottom ends thereof and controlled by said control switch, means to shield said auxiliary electric heater from radiant heat directly from the main electric heaters, a plurality of expansion bars located between said spaced main heaters and below said auxiliary heater and mounted

for movement in a circular path, means for bringing a rod into heat receiving relation to and below said auxiliary heater simultaneously with a switch-closing movement of the manually-ac-



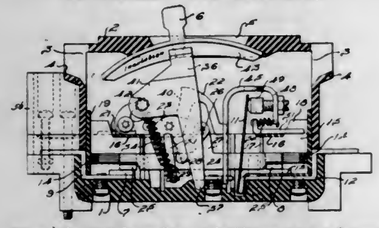
tuable element and into alined position relatively to said latch means to actuate the same upon rise of temperature of said rod an increase of its length to a predetermined degree.

2,132,623

CIRCUIT BREAKER

John G. Jackson and Wallace T. Allen, Detroit, Mich., assignors to Square D Company, Detroit, Mich., a corporation of Michigan

Application March 25, 1935, Serial No. 12,798
58 Claims. (Cl. 200—116)



1. In a circuit breaker, stationary and movable contacts, a movable element having an operative connection to the movable contact, a movable member, a spring biasing said element and movable by said member through a "dead center" position to actuate said element in different directions, and means to quickly move the spring through its "dead center" position irrespective of of the speed of movement of said member when said member has been manually operated to a certain position.

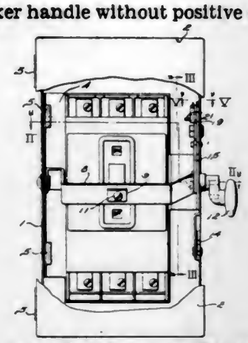
2,132,624

ENCLOSED CIRCUIT BREAKER

John G. Jackson, Detroit, Mich., assignor to Square D Company, Detroit, Mich., a corporation of Michigan

Application July 1, 1935, Serial No. 29,277
15 Claims. (Cl. 200—50)

1. In an enclosed circuit breaker, an enclosing box, a cover for said box, a circuit breaker mounted in said box and comprising automatically and manually operable electric circuit breaker mechanism, an enclosure for said mechanism and an operating handle extending through the enclosure, an operating member rotatably mounted on said box, said member having a portion extending over said circuit breaker and carrying a part engaging said handle, said member having a portion extending exteriorly of the box wall and constituting an outside operating handle, said part comprising a removable element having spaced, depending legs disposed on opposite sides of said circuit breaker handle without positive connection



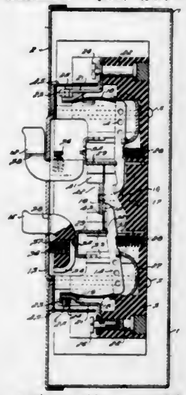
thereto and operating to move the same in response to movement of said operating member.

2,132,625

CIRCUIT BREAKER

John G. Jackson, Detroit, Mich., assignor to Square D Company, Detroit, Mich., a corporation of Michigan

Application August 15, 1935, Serial No. 36,247
45 Claims. (Cl. 200—116)



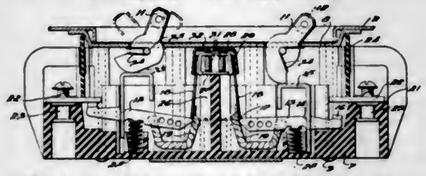
20. In an automatic multi-circuit circuit breaker, a sealable enclosure, electrically connected stationary contacts disposed intermediate the ends of said enclosure, a plurality of individual circuit breaker mechanisms including automatically and manually movable contacts cooperating with said stationary contacts, at least one of said mechanisms being disposed between said stationary contacts and each end of said enclosure.

2,132,626

CIRCUIT BREAKER

John G. Jackson, Detroit, Mich., assignor to Square D Company, Detroit, Mich., a corporation of Michigan

Application April 1, 1936, Serial No. 72,034
11 Claims. (Cl. 200—116)



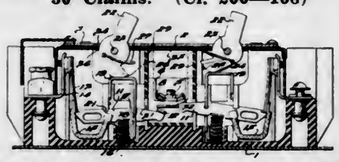
1. In a multi-circuit, automatic electric circuit breaker, a common base, a plurality of electrically common bimetallic latching elements mounted on said base, a plurality of individual automatic electric circuit breaker mechanisms on said base including stationary and movable contacts and means for automatically moving the movable contact to a disengaged position upon movement of the corresponding bimetallic element, a cover sealably attached to said base to form a sealable enclosure for the circuit breaker, and circuit terminals readily accessible on the outside of the enclosure and connected to said stationary contacts.

2,132,627

CIRCUIT BREAKER

John G. Jackson, Detroit, Mich., assignor to Square D Company, Detroit, Mich., a corporation of Michigan

Application May 2, 1936, Serial No. 77,519
30 Claims. (Cl. 200—168)



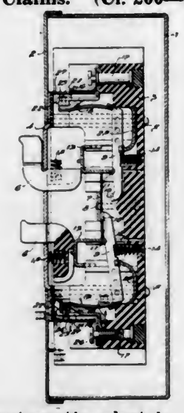
1. In an electric circuit breaker, electrically connected stationary contacts, movable contact members extending in opposite directions from said stationary contacts, said members carrying contact surfaces adjacent one end cooperating with said stationary contacts, U-shaped fibre liner means alongside the contact surfaces on said members, and fibre plates at opposite ends of said stationary contacts having slots therein receiving and guiding said members, said liner means and opposite plates defining an arcing chamber common to both of said stationary contacts and the movable contact surfaces cooperating therewith, whereby arc gases incident to an arc drawn between either cooperating pair of contacts and contact surfaces are generated within the common chamber.

2,132,628

CIRCUIT BREAKER

John G. Jackson, Detroit, Mich., assignor to Square D Company, Detroit, Mich., a corporation of Michigan

Original application August 15, 1935, Serial No. 36,247. Divided and this application June 25, 1936, Serial No. 87,214
7 Claims. (Cl. 200—116)



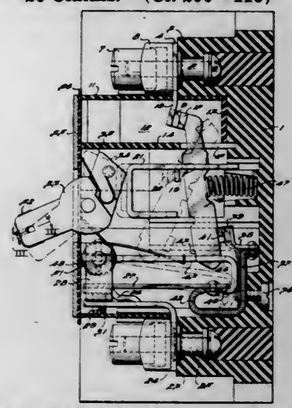
3. In an automatic electric circuit breaker, relatively movable contacts, means for automatically moving said contacts to separated position including a current responsive bimetallic element, a connector rigidly supported at the exterior of the circuit breaker and having its interior end relatively free, a portion of said free end being movable relatively to the remaining portion of said free end, one end of said element being rigidly secured to said first portion, and means for controllably moving said first portion to adjust the circuit breaker.

2,132,629

CIRCUIT BREAKER

John G. Jackson, Detroit, Mich., assignor to Square D Company, Detroit, Mich., a corporation of Michigan

Application April 5, 1937, Serial No. 134,981
20 Claims. (Cl. 200—116)



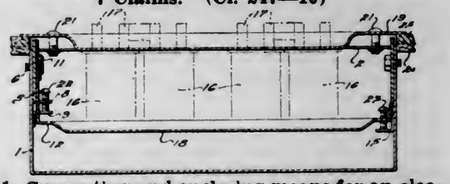
1. An automatic electric circuit breaker comprising a floating contact member carrying contact surfaces at spaced points thereon, current responsive latching means for another point on said member, a rigidly mounted stationary contact cooperating with one of said contact surfaces, spring means biasing said member against said stationary contact and said latching means, a second and resiliently mounted stationary contact cooperating with the other contact surfaces on said member, and a pivotal axis for said member interjacent said contact surfaces about which said member rotates under the bias of said spring means when released by said latching means to effect interruption of the circuit at both said contact surfaces.

2,132,630

MOUNTING MEANS FOR ENCLOSED ELECTRIC DEVICES

John G. Jackson, Detroit, Mich., assignor to Square D Company, Detroit, Mich., a corporation of Michigan

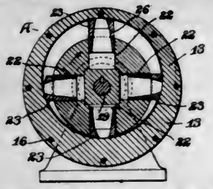
Application April 7, 1937, Serial No. 135,387
7 Claims. (Cl. 247—10)



1. Supporting and enclosing means for an electric circuit controlling instrumentality comprising an enclosing box, a supporting pan mounted

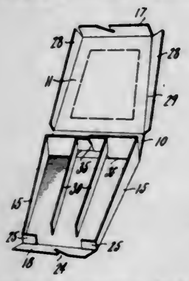
within said box, cooperating portions on the pan and the opposite side walls of the box adapted to engage in the extreme interior position of the box, adjustable means for causing relative movement between said cooperating portions to vary the position of the pan relative to the box to accommodate variations in the cover spacing, and means for rigidly securing said pan to the opposite side walls of the box to positively hold it in its adjusted position.

2,132,631
AUTOMATIC HYDRAULIC CLUTCH
Wallace S. Jones, St. Paul, Minn.
Application August 6, 1937, Serial No. 157,718
10 Claims. (Cl. 192—58)



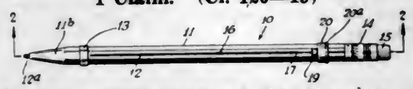
1. A transmission comprising a casing secured to one shaft to rotate with the same, a rotor within said casing, a shaft upon which said rotor is mounted, radially extending cylinders closed at their inner ends in said rotor, hollow pistons radially extending in said rotor engageable with said casing, open outer ends on said pistons and an eccentric surface in said casing against which said pistons engage, said surface substantially sealing the open piston ends during movement thereof in said cylinders.

2,132,632
CARTON AND BLANK FOR FORMING SAME
Henry Kondolf, New York, N. Y., assignor to Southern Kraft Corporation, New York, N. Y., a corporation of Delaware
Application July 24, 1933, Serial No. 681,869
2 Claims. (Cl. 229—27)



1. In a container formed from a continuous sheet of material having a bottom, front and back walls; side walls carried by said back wall and provided at one end with article-engaging flaps, each flap adapted to engage an article when in operative position, said side walls being tapered to provide a container tapering from the bottom to the top thereof; a member provided at the opposite end of each side wall forming a reinforcement for the bottom, each of said members carrying an extension extending in spaced relation into said container for a substantial distance, the height of said extensions being not greater than the height of the side walls throughout their length whereby to form a partitioned tapered carton, said front wall being provided with tapering depending flanges adapted to maintain the front wall in closed position.

2,132,633
LEAD PENCIL CONSTRUCTION
Charles Kosta, New York, N. Y.
Application May 3, 1935, Serial No. 19,544
1 Claim. (Cl. 120—19)



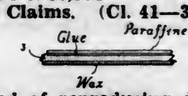
A pencil construction of the character described comprising a body having a tapered end and formed with an axial bore adapted to receive a lead slidably mounted therein, said body having a slot communicating with said bore extending lengthwise thereof and terminating short of said tapered end, a one-piece non-resilient lead feeding means having a pusher member adapted to slide in said axial bore, said member being substantially the diameter of said lead, a relatively thin shank extending from said member and integrally formed therewith adapted to move in said slot, a knob of greater width than the shank integrally formed with and terminating the latter outside the body, said member having a length short of the distance between said terminal end of the slot and the tapered end of the pencil, and an adjustable ring slidably mounted on said body independent of said member adapted to be positioned in the path of movement of said knob to serve as an abutment stop.

2,132,634
APPARATUS FOR AND METHOD OF CLEANING CARCASSES
Anton Kurt, Jersey City, N. J.
Application March 31, 1937, Serial No. 134,047
16 Claims. (Cl. 17—1)



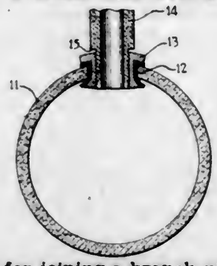
5. An apparatus for the purpose described, including a vertically arranged hollow member having supports at both ends whereby said member may be rotated, a plurality of arcuately spaced tubular members anchored at both ends to said hollow member and opening thereinto, said tubular members being sinuously and curvilinearly arranged along the length of the hollow member intermediate its supports, braces for said tubular members intermediate their ends, outwardly directed liquid exit means distributed along the length of the tubular members and means for passing a liquid into said hollow member.

2,132,635
METHOD OF SCREEN PROCESS PRINTING
Nathan Louft, Silver Spring, Md.
Original application July 20, 1935, Serial No. 736,270. Patent No. 2,052,933, dated September 1, 1936. Divided and this application June 26, 1936, Serial No. 87,574
6 Claims. (Cl. 41—38.5)



1. A method of reproducing designs, such as signs, pictures, etc., by placing a transparent film, coated on one side with wax and the other side with glue over the design that is to be reproduced, affixing wax side of the film to the design and cutting away selected portions of the design through the film, then by placing a damp or moistened screen over the film and the design and applying heat over said screen to cause glue side of said film to adhere to said screen and at the same time causing the film to release from said design, then by placing said screen over a suitable material on which the design is to be reproduced and forcing paint through said screen for reproduction.

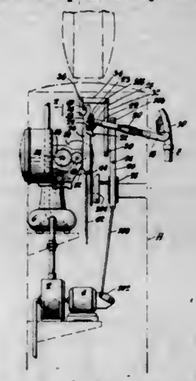
2,132,636
PIPE ASSEMBLY
Arthur J. Maahs, White Plains, N. Y., assignor to Johns-Manville Corporation, New York, N. Y., a corporation of New York
Application March 30, 1937, Serial No. 133,759
1 Claim. (Cl. 285—52)



A device, for joining a branch pipe including a threaded end portion to a larger pipe provided with a circular aperture in a side thereof, said device comprising a bushing adapted to be fitted into the aperture and having a slotted end portion of greater wall thickness than the remainder of the bushing; a yieldable gasket surrounding the bushing; a flange on the bushing extending outwardly over the gasket, from the end of the bushing remote from the slotted end; and means for screwing the end of the branch pipe into the bushing, for expanding the slotted end thereof and causing it to force the gasket firmly against the edges of the said aperture, so that the bushing and gasket become clamped within the aperture.

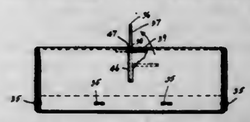
2,132,637
AUTOMATIC ZEROIZING DEVICE FOR DISPENSING PUMPS
William L. Marden, Jackson Heights, Long Island, N. Y., assignor to Neptune Meter Company, a corporation of New Jersey
Application June 2, 1936, Serial No. 83,037
17 Claims. (Cl. 221—95)

1. In a liquid dispensing device having a register movable away from an initial position in proportion to the quantity of liquid dispensed; the combination with the register of means for resetting the register to said initial position comprising a flywheel operatively connected to the



register during the resetting operation only, and means for energizing the flywheel at the beginning of the resetting operation.

2,132,638
DOUBLE WALL HANDLE BASKET
Ernest Earl Mohler, Indianapolis, Ind., assignor to Fruit & Produce Packing, Inc., Indianapolis, Ind., a corporation
Application July 11, 1936, Serial No. 90,114
15 Claims. (Cl. 229—16)

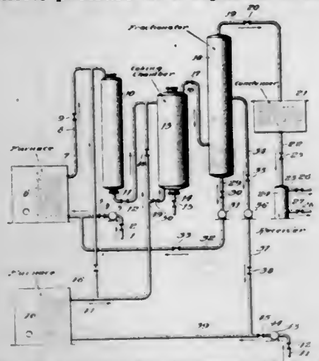


7. In a handled container, the combination of a container having connected dual side and end walls with a folded top connection providing a smooth upper edge, a bottom having side portions nestable between the inner and outer walls near the bottom thereof, means securing a side portion of the bottom and the adjacent wall together for bottom and wall connection, and a handle structure having a substantially U-shaped hand-engageable portion projecting above the container, each end of the handle portion having aligned oppositely directed extensions, the upper surface of the aligned extensions bearing upon the inner and lower surface of the fold connections.

2,132,639
TREATMENT OF HYDROCARBON OILS
Jacque C. Morrell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application August 10, 1936, Serial No. 95,166
4 Claims. (Cl. 196—48)

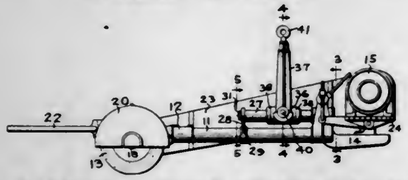
1. A process for the pyrolytic conversion of hydrocarbon oils which comprises heating a virgin charging oil heavier than gasoline to cracking temperature at substantial superatmospheric pressure in a heating coil, introducing the resultant heated products into an enlarged reaction chamber also maintained at substantial superatmospheric pressure, causing both vaporous and liquid components of said heated products to pass through substantially the entire length of said chamber, withdrawing said products from the chamber and introducing the same into a reduced

pressure vaporizing zone wherein vapors are separated from residue, subjecting vaporous products from the vaporizing zone to fractionation, whereby their components boiling above the range of the desired gasoline product of the process are condensed as reflux condensate, subjecting vapors remaining uncondensed by said fractionation to cooling and condensation, recovering as the resulting distillate a good quality gasoline, simultaneously subjecting a secondary virgin charging oil, of lower boiling characteristics than the first mentioned charging oil and containing at least a substantial quantity of components of poor antiknock value boiling within the range of gasoline, to a higher cracking temperature than the first mentioned charging oil and to substantial superatmospheric pressure in a separate heating coil,



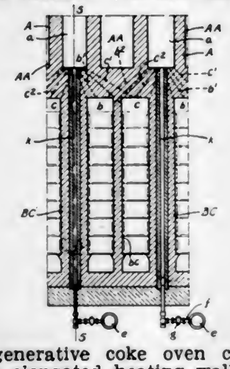
whereby to materially improve the antiknock value of its gasoline components, commingling highly heated products discharged from said separate heating coil with the heated products from the first mentioned heating coil and causing the commingled materials to pass through substantially the entire length of the reaction chamber, whereby to increase the temperature and rate of cracking of the total products from the first mentioned heating coil in the reaction chamber, supplying to said separate heating coil components of said reflux condensate which are of higher boiling characteristics than said secondary charging oil and are substantially devoid of components boiling within the range of said gasoline product, whereby to subject the same to further cracking with said secondary charging oil.

2,132,640
GRINDING MACHINE
Ervin S. Mummert, Hanover, Pa., assignor to Mummert-Dixon Company, Hanover, Pa., a corporation of Pennsylvania
Application July 18, 1936, Serial No. 91,257
3 Claims. (Cl. 51—99)



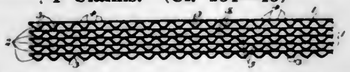
1. A grinding machine comprising an elongated supporting frame with a power unit at one end, a grinding tool at the other end, driving connections between the power unit and the grinding tool, a supplementary supporting frame superposed with respect to the main supporting frame, means for shifting the relative position of the supplementary supporting frame laterally with respect to the main supporting frame, a hanger, means for pivotally supporting said hanger on the supplementary supporting frame, and means for adjusting the hanger supporting means longitudinally with respect to the supplementary supporting frame whereby to balance the entire machine when the same is supported from said hanger.

2,132,641
REGENERATIVE COKE OVEN
Carl Otto, Essen, Germany
Application October 11, 1933, Serial No. 693,085
12 Claims. (Cl. 202—269)



11. A regenerative coke oven comprising a horizontally elongated heating wall with vertical flues therein in a row extending longitudinally of said wall, a horizontally elongated regenerator division wall beneath and parallel to said heating wall with separate fuel gas supply channels therein one beneath and extending upward into communication with each of said flues from the lower edge of said division wall, and each of a cross sectional area sufficiently large for a laminary flow therethrough of the fuel gas supplied through said channel to the flue with which said channel is in communication.

2,132,642
SOUND ABSORBING UNIT
Raymond V. Parsons, New York, N. Y., assignor to Johns-Manville Corporation, New York, N. Y., a corporation of New York
Application July 21, 1932, Serial No. 623,799
4 Claims. (Cl. 154—45)

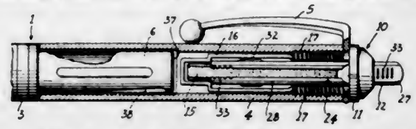


1. An acoustical unit comprising composited sheets provided each with perforations adapted to admit incident sound and defining sound absorbing spaces extending laterally in a direction approximately parallel to the face of the unit, the said perforations in one layer of the said sheets being non-registering with the perforations in adjacent layers of the sheets and adapted to cause distribution of incident sound throughout the laterally extending spaces.

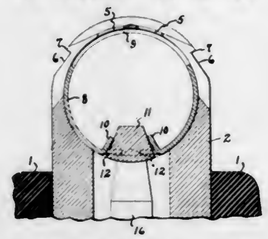
2,132,643
ERASER APPLIANCE
Arthur Pestel, New York, N. Y.
Application December 6, 1933, Serial No. 701,149
11 Claims. (Cl. 120—38)

10. An appliance of the character described

having a holder and an eraser clamp therein for an extensible eraser of substantial oblong cross-section, said clamp having elastic tongues, having guiding means at their side edges, to prevent the clamped eraser from shifting sideways while being operated.

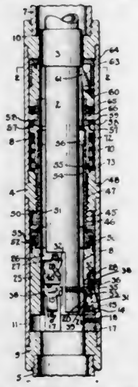


2,132,644
DRY SHAVER MECHANISM
James Henry Rand, Jr., Stamford, Conn., and Russell E. Benner, Buffalo, N. Y., assignors, by mesne assignments, to General Shaver Corporation, Bridgeport, Conn., a corporation of Delaware
Application July 2, 1937, Serial No. 151,651
13 Claims. (Cl. 30—43)



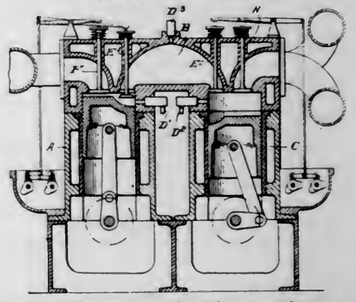
5. In a dry shaving device, the combination comprising an outer shear plate having cutter bars formed therein, said shear plate having a cylindrical track therethrough, an inner reciprocal cutter mounted in said track comprising a thin-walled cylinder having cutter bars formed thereon, said cylinder being slotted along one side, and means engaging the edges of the slot to expand the inner cutter in the cylindrical track.

2,132,645
OUTSIDE PIPE CUTTER
Dempson H. Reed, Houston, Tex.
Application May 24, 1935, Serial No. 23,192
16 Claims. (Cl. 164—0.6)



16. In an outside pipe cutting tool, a body, cutters movably mounted in said body, a bushing having a tapered seat rotatably mounted on the body, jaw carrying means slidably mounted within said bushing and adapted to move inwardly upon said tapered seat and means on said body for engaging said bushing to hold said jaw means from anchoring position and releasable by rotation of said body to allow anchoring of the tool by said jaw means.

2,132,646
METHOD OF OPERATING INTERNAL COMBUSTION ENGINES HAVING REGULATION OF CHARGE QUANTITIES
Paul Rieppel, Munich, and Siegfried Grantz, Augsburg, Germany
Application June 6, 1935, Serial No. 25,527
In Germany June 8, 1934
7 Claims. (Cl. 123—1)



1. In an internal combustion engine, a main cylinder and an auxiliary cylinder, pistons slidable in each of said cylinders and driven independently of each other, a storage chamber connecting the two cylinders and adapted to receive a compressed charge from the auxiliary cylinder and to deliver it into the main cylinder, a fuel nozzle discharging into said auxiliary cylinder, a fuel nozzle discharging into said storage chamber, and a fuel nozzle discharging into said main cylinder.

2,132,647
TOY CONSTRUCTION KIT
May J. Robins, Katonah, N. Y.
Application October 9, 1935, Serial No. 44,153
10 Claims. (Cl. 46—26)

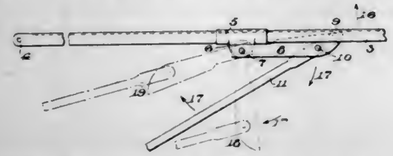


1. In a toy construction kit, a set of slabs, a set of connectors of dumb-bell shape, a set of pins having a uniform basic cross-section, and a second set of pins having a different uniform basic cross-section, the slabs having medial bores and also marginal keyhole bores, the connector heads and the bores conforming to said basic cross-sections, whereby the medial bores accommodate pins and the marginal bores accommodate either pins or connector heads to permit the assembly of selected elements into various toy structures.

2,132,648
UMBRELLA
Fritz Rosenberg, Brooklyn, N. Y., and Wayne S. Evans and John Lutz, Philadelphia, Pa.; said Evans and Lutz assignors to said Rosenberg
Application March 29, 1937, Serial No. 133,720
7 Claims. (Cl. 135—29)

1. An umbrella frame, comprising a rib and a stretcher, said stretcher in turn comprising a

main section and a link section, pivotally connected to said main section and to said rib, the outward thrust upon said stretcher operating to



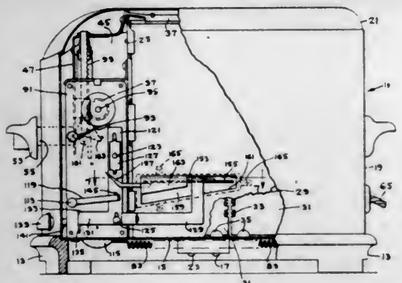
normally maintain said link section substantially parallel with said rib and the outward thrust of said stretcher in effect directly against said rib.

2,132,649
REFLECTING DISPLAY
Abner F. Sacksteder, Chicago, Ill.
Application October 30, 1937, Serial No. 171,875
10 Claims. (Cl. 40—130)



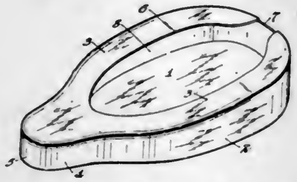
1. A display device of sheet material comprising a back plate and a display character supported at a distance in front thereof, and a reflector extending from the back plate downwardly at a distance behind the character and turned forwardly at the bottom to the rear lower exposed end of the character.

2,132,650
AUTOMATIC TOASTER
Robert Sardeson, Minneapolis, Minn., assignor to McGraw Electric Company, Chicago, Ill., a corporation of Delaware
Application April 14, 1937, Serial No. 136,826
18 Claims. (Cl. 219—19)



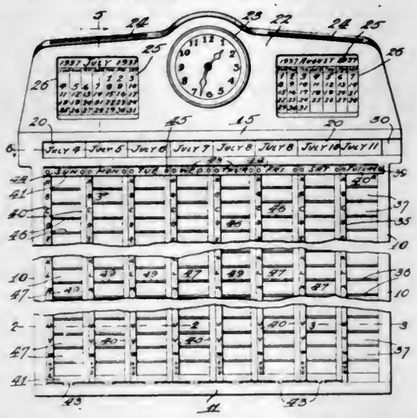
9. In a toaster, the combination with a heating element and means to cause energization of the heating element, of means to effect deenergization of the heating element including a variable speed timer, an arm pivotally mounted on the timer and connected to cause a change in timer speed when moved, a plurality of means supported solely from the timer and operable respectively manually and thermally for acting on said pivotally mounted arm to cause movement thereof, said thermally-operable means being supported solely by said manually operable means.

2,132,651
BEDPAN
Helene A. Schack, St. Paul, Minn.
Application November 19, 1936, Serial No. 111,602
1 Claim. (Cl. 4—112)



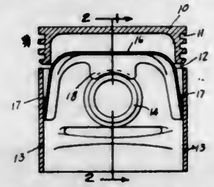
A urinal utensil of the class described, comprising bottom, side, end, and top walls, the top wall being essentially flat from side wall to side wall, said top wall at its front end being essentially parallel with the bottom wall and merging to a downwardly inclined portion toward the rear of the utensil, said top wall being formed with a central receiving opening terminating materially short of the rear end of the utensil and at the front end of the utensil terminating in a central slotted opening in the front end of the top wall within the confines of the end wall, and the side walls of the utensil abruptly merging inwardly adjacent the rear portion of the opening and terminating in a relatively narrow neck portion constituting the rear end of the utensil.

2,132,652
RESERVATIONS CABINET AND DAILY REMINDER
Franklin D. Schmiedemann, Los Angeles, Calif.
Application July 26, 1937, Serial No. 155,722
8 Claims. (Cl. 129—16)



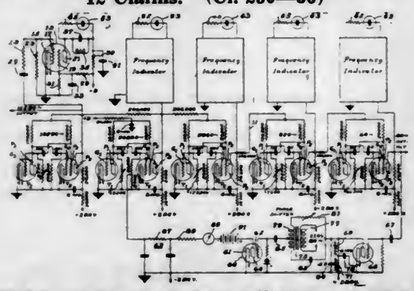
7. In a reservation cabinet and daily reminder, the combination with a box-like container and a plurality of interchangeable trays removably positioned within said container, each tray having a series of compartments, said trays being distinctively marked, and the compartments in each tray being distinctively marked, of a series of date-bearing members arranged end to end for sliding movement transversely of the container adjacent the upper ends of said trays, the length of said date-bearing members being equal to the width of the trays and the data borne by said date-bearing members bearing direct relation to the distinctive marking of the respective trays.

2,132,653
PISTON EXPANDER
Walter J. Six, Indianapolis, Ind.
Application October 10, 1932, Serial No. 637,032
14 Claims. (Cl. 309—12)



7. An expander for pistons comprising a U-shaped plate member the sides of which comprise spring arms, and a pair of spaced perforated lobes projecting from said U-shaped member between said arms, said lobes being disposed in opposition and lying in planes parallel to a medial plane intersecting said arms.

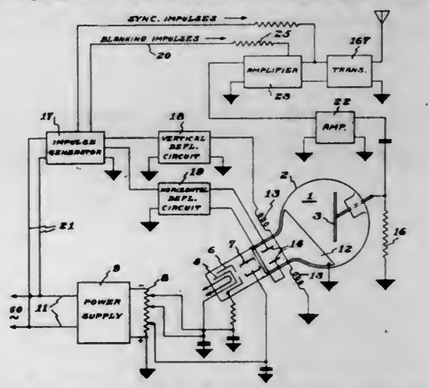
2,132,654
ELECTRICAL APPARATUS
John P. Smith, Erlton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application October 18, 1934, Serial No. 748,773
12 Claims. (Cl. 250—36)



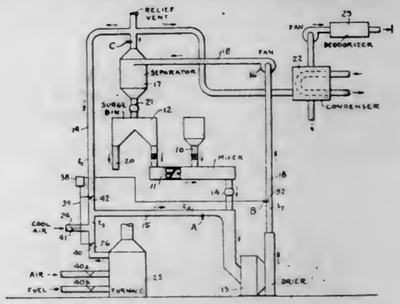
12. In combination, an oscillator, a source of current having a control frequency, means for deriving voltage from said oscillator having a frequency equal to said control frequency, a rectifier, an adjustable phase shifting network, means for passing said control frequency current through said network whereby a control frequency voltage appears at the output terminals of said network, means for adding said derived voltage and the voltage appearing at the output terminals of said network and impressing them upon said rectifier, and means for so controlling the frequency of said oscillator in accordance with the amplitude of said rectifier output that the phase of said derived voltage may be shifted with respect to said control frequency current.

2,132,655
SYSTEM FOR PRODUCING ELECTRICAL IMPULSES
John P. Smith, Erlton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application February 28, 1935, Serial No. 8,659
21 Claims. (Cl. 178—7.2)

1. In a television transmitter for the production of a picture at a certain frame frequency and at a certain scanning line frequency, an electric discharge tube oscillator for producing impulses at double said scanning line frequency, means including a second oscillator for dividing the frequency of said first oscillator output by two to produce impulses occurring at said scanning line frequency, means including a chain of frequency dividers for dividing the frequency of said output to produce impulses at a frame frequency such that the frame frequency goes into the scanning line frequency a whole number of times plus one-half, means for delaying, narrowing and slotting said frame frequency impulses, means for selecting and so delaying and narrowing a group of said double frequency that they fit into said slots, and means for eliminating said scanning line frequency impulses for the duration of said selected double frequency impulses and for combining the remaining scanning line frequency impulses with said selected double frequency impulses and said slotted frame frequency impulses.



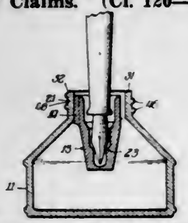
2,132,656
FLASH DRYING CONTROL
Alfred R. Smith, Forest Hills, Long Island, N. Y., assignor to Combustion Engineering Company, Inc., New York, N. Y.
Application January 23, 1936, Serial No. 60,456
7 Claims. (Cl. 34—34)



1. In flash drying apparatus of the type described in which finely comminuted moisture-carrying material is fed into a drying chamber and intimately commingled with and carried by a heated gaseous drying medium at above 212° F. that absorbs moisture from said material and wherein the material and drying medium are withdrawn from the drying chamber and separated and at least a portion of the separated moisture retaining drying medium is mixed with a fresh supply of heated drying medium and returned to the drying chamber for drying wet

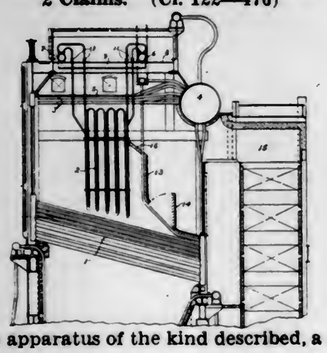
incoming material; means for supplying a predetermined constant amount of freshly heated drying medium to said chamber; means for regulating the amount of returned moisture carrying drying medium; and means for maintaining said material at a substantially constant temperature during the drying period consisting of means responsive to the wet bulb temperature of said drying medium for controlling said regulating means to vary the amount of heat retaining moisture carrying drying medium returned to the drying chamber.

2,132,657
LIQUID DISPENSING DEVICE
Cecil W. Smith, Waterman, Ill.
Application May 15, 1936, Serial No. 79,834
7 Claims. (Cl. 120—69)



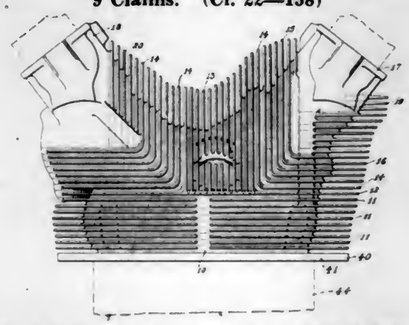
1. An ink well including a body member having a cavity therein closed at the bottom thereof and having imperforate side walls, a lower portion of which cavity is of reduced cross section to form an annular shoulder for engaging the pen point nibs of a pen inserted into said well and holding said pen with its point out of contact with said well but close to the bottom thereof, and with the holder below the normal level of ink in the well; the cross sectional shape of said shoulder formed by the reduced portion being different from that of the nib portion of a pen which it is designed to engage, to prevent sealing of the lower part of said well; the interior of said well being free from horizontal surfaces and from upstanding members above the closed bottom of the cavity, whereby possibility of the pen point being caught as it is inserted vertically into said well is eliminated.

2,132,658
STEAM SUPERHEATER
Leonard Clement Southcott, Kingston on Thames, England, assignor to The Superheater Company, New York, N. Y.
Application August 18, 1937, Serial No. 159,693
In Great Britain August 22, 1936
2 Claims. (Cl. 122—476)



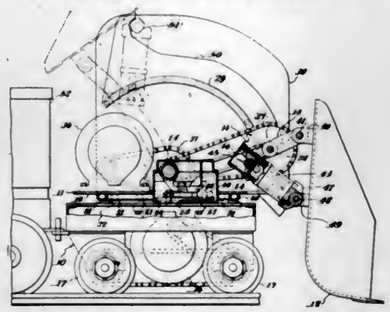
1. In apparatus of the kind described, a tubular superheater element whose two end portions extend vertically upward, a supporting member embracing each of the end portions, girder members on which the supporting members rest, and vertically adjustable sleeves on said end portions which bear on the supporting members, said vertically adjustable sleeves being arranged in pairs, one of each pair being secured to the element end portion and the other engaging the first one and the supporting member.

2,132,659
PATTERN CONSTRUCTION
Ralph D. Speirs, Hawthorne, N. J., assignor to Wright Aeronautical Corporation, a corporation of New York
Application December 22, 1936, Serial No. 117,110
9 Claims. (Cl. 22—158)



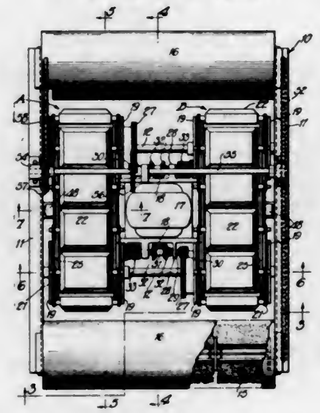
8. In a pattern assembly, pluralities of stacked plates, the pluralities disposed at an angle to each other, said pluralities having the plate edges thereof formed as fins of less thickness than the thickness of the plate, and the plate edges of one plurality abutting an end plate of one other plurality.

2,132,660
MECHANICAL SHOVELING DEVICE
Charles E. Stoltz, Chicago, Ill., assignor, by mesne assignments, to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application December 9, 1935, Serial No. 53,453
Renewed July 17, 1937
25 Claims. (Cl. 214—132)



1. In a power shovel, a truck, a turntable thereon, a beam pivoted on said turntable for movement about a horizontal axis, a scoop on the free end of said beam adapted to be elevated by said beam from a loading position in front of said truck to a discharge position over the rear end of said truck, means for swinging said beam in a vertical plane including a motor, and means driven by said motor in timed relation with swinging movement of said beam for aligning said scoop with said truck when said scoop reaches a discharge position.

2,132,661
SURFACING MACHINE
John C. Temple, New York, N. Y.
Application November 29, 1935, Serial No. 52,148
7 Claims. (Cl. 29—81)



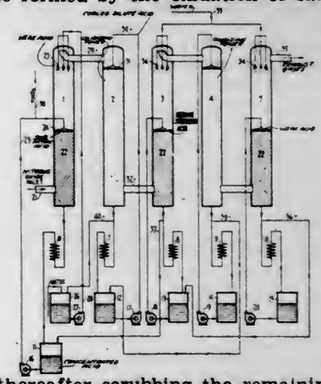
1. A machine for use upon vertical or inclined metallic surfaces comprising in combination, a chassis, two separate magnetic caterpillar traction devices arranged in spaced parallel relation, an electric motor mounted on said chassis, individual driving means operable by said motor for operating the respective magnetic caterpillar traction devices in either direction, and means for selectively controlling the direction of operation of the individual driving means to facilitate the guiding of the machine over a metallic surface over which it is adapted to travel.

2,132,662
ALIPHATIC AMINE SALTS OF CEVITAMIC ACID
Ernest H. Volwiler, Highland Park, and Marjorie B. Moore, Waukegan, Ill., assignors to Abbott Laboratories, North Chicago, Ill., a corporation of Illinois
No Drawing. Application April 8, 1937, Serial No. 135,696
12 Claims. (Cl. 260—501)

1. Aliphatic amine salts of cevitamic acid.

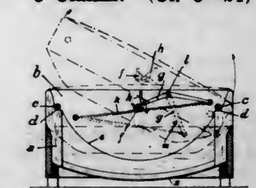
2,132,663
PROCESS FOR THE PRODUCTION OF NITRIC ACID
Maarten Voogd, Pittsburg, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
Application February 15, 1937, Serial No. 125,682
In Great Britain February 27, 1936
2 Claims. (Cl. 23—160)

1. In a process for producing nitric acid of high concentrations from gaseous streams containing nitrogen oxides, the steps of absorbing nitrogen peroxide from the gaseous stream with strong nitric acid, next scrubbing the remaining gases with weak nitric acid, next oxidizing the nitric oxide of the gaseous stream, then absorbing with medium strength nitric acid the nitrogen peroxide formed by the oxidation of said nitric



oxide, thereafter scrubbing the remaining gases with water.

2,132,664
DIVAN BED
Oswald Wessel, Hamburg, Germany, assignor of one-half to Julius Risch, Hamburg, Germany
Application March 27, 1936, Serial No. 71,086
5 Claims. (Cl. 5—24)



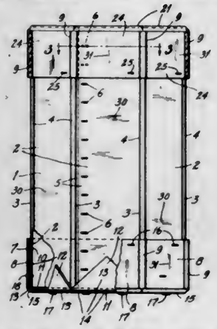
1. A divan bed, comprising an underframe, bearing shoulders near the four corners of said underframe, a reversible divan and bed frame, supporting members on said reversible frame adapted to rest on said bearing shoulders, axles of rotation on said reversible frame, supporting levers for said axles each pivoted to the underframe, springs anchored at one end to said supporting levers and at the other end to the underframe and for rocking said supporting levers to lift said reversible frame, flaps on the underframe adapted to cover the space between the underframe and the reversible frame, and flap-operating means attached to the supporting levers to lift said flaps when said frame is operated and to maintain said flaps in the raised position while complete reversion is being effected.

2,132,665
MORTICIAN'S SEALING COMPOUND
Floyd E. Williams, Gary, Ind., assignor to Marbon Corporation, Chicago, Ill., a corporation of Delaware
No Drawing. Application June 17, 1936, Serial No. 85,695
1 Claim. (Cl. 27—21)

A fluid for use as a skin seal which has approximately the following composition, the proportions being in parts by weight:

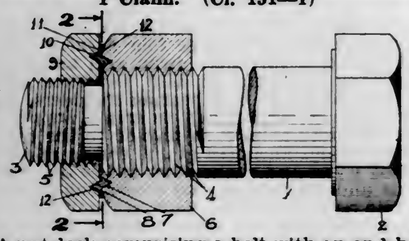
Amorphous rubber hydrochloride	100
Magnesium oxide	30
Hexamethylene tetramine	2
Titanium dioxide	2
Oil soluble red dye	.015
Volatile solvent for rubber hydrochloride in amount to form approximately a 15% by weight dispersion.	

2,132,666
CONTAINER
Benjamin M. Williams, St. Louis, Mo., assignor to Gaylord Container Corporation, St. Louis, Mo., a corporation of Maryland
Application August 2, 1937, Serial No. 156,900
2 Claims. (Cl. 229—43)



1. A multi-sided container comprising a body member having a multiplicity of longitudinal creases dividing said body into panels, a collar mounted on the end of said body, said collar having panels corresponding to said body panels, and a polygonal closure sheet having tabs projecting from the sides thereof and inserted between panels of said body member and said collar, said collar having flaps folded over against said closure sheet and substantially covering it.

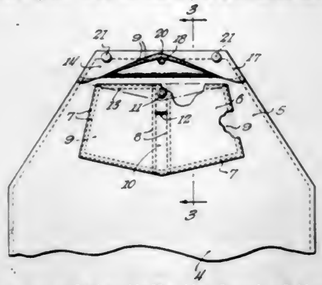
2,132,667
NUT LOCK
James A. Wilson, San Francisco, Calif.
Application May 21, 1937, Serial No. 143,989
1 Claim. (Cl. 151—1)



A nut-lock comprising a bolt with an end having two adjacent threaded portions of different diameters, the outer portion being of less diameter and provided with threads of less pitch than those of the other threaded portion, and a pair of nuts adapted respectively to be screwed onto said two threaded portions and having their adjacent faces each provided with a series of spaced and annularly arranged depressions, and a series of annularly arranged ring-shaped raised members extending around the depressions of both nuts, and the said depressions and raised members of one nut being positioned directly opposite the depressions and raised members of the other nut.

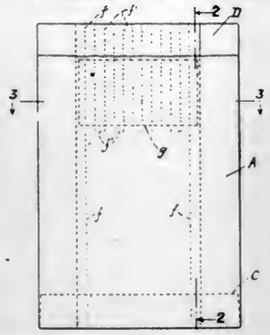
2,132,668
OVERALL
Charles E. Wittmack, Oshkosh, Wis., assignor to Oshkosh B'Gosh, Inc., Oshkosh, Wis., a corporation of Wisconsin
Application January 6, 1938, Serial No. 183,587
2 Claims. (Cl. 2—227)

1. In an overall, the combination of a bib provided with a pocket opening toward the upper end of said bib, a reinforcing member extending across the upper edge of said bib and secured to said edge and having its bottom edge extending below the open end of said pocket and side edges



extending to substantially the level of the pocket opening and secured, for their entire length, to the side edges of the bib to bring the lower edge of said member normally in pocket-covering position.

2,132,669
PAPER BAG
Howard A. Wolf, Philadelphia, Pa., assignor to Louis Wolf, Elias Wolf, Howard A. Wolf, and Walter L. Wolf, copartners, doing business as Wolf Brothers, Philadelphia, Pa.
Application January 22, 1936, Serial No. 60,151
2 Claims. (Cl. 229—68)

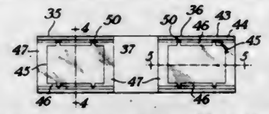


1. A paper bag formed by folding a blank including front and back walls, a permanently secured closure flap at one end of the bag and a foldable closure flap at the other end of the bag, aligned finger openings in the front and back walls, the back wall and the foldable closure flap comprising members folded oppositely and laying in overlapping relation throughout the major part of the width of the back wall and of the foldable closure flap, the overlapped members forming the back wall and closure flap being secured together by lines of paste adjacent to their edges and being additionally secured between their edges by a plurality of closely spaced lines of paste extending only in the area surrounding the finger opening in the back wall.

2,132,670
MOUNT FOR TRANSPARENCIES
D'Arcy A. Young, Jr., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application April 29, 1936, Serial No. 76,965
6 Claims. (Cl. 88—29)

1. A mount for transparencies comprising a

film holder having a bottom and opposite sides, said bottom being formed with a viewing aperture and marginal portions adjacent said aperture, certain of said portions having parts thereof struck up to form upstanding lugs arranged to project through a strip of perforated film adjacent the opposite edges thereof, a lower strip of transparent material positioned between said film and said bottom and supported by said mar-



ginal portions, an upper strip of transparent material positioned above said film and cooperating with said lower strip to clamp said film therebetween, and resilient inturned flanges formed adjacent the upper edges of said sides, said flanges engaging said upper strip and cooperating therewith and with said lower strip and said lugs to resiliently hold and to position said film in a flat position and in registry with said aperture.

2,132,671
CONDENSATION PRODUCTS
Walter Bauer, Darmstadt, Germany, assignor to Röhm & Haas Company, Philadelphia, Pa.
No Drawing. Application December 20, 1937, Serial No. 180,834. In Germany December 28, 1936
9 Claims. (Cl. 260—2)

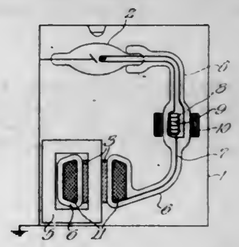
1. In the process of preparing condensation products from methacrylic amide and formaldehyde the improvement which comprises carrying out the condensation in the presence of a soluble salt of a metal of the group consisting of aluminum, zinc, iron and chromium.

2,132,672
PAPER MILK BOTTLE
Christopher Hamilton Berry, Toronto, Ontario, Canada
Application July 28, 1937, Serial No. 156,191
1 Claim. (Cl. 229—4.5)



A bottle of the character described, a sheet of fibrous material having one of its edges notched to form a series of folding ears, the said sheet being formed and cemented into tubular formation, the upper portion of said tubular member being converged by a series of graduated radial crimps to form a neck and mouth therewith, the said ears being folded over at right angles into radial relation to form a shoulder and the said ears being further folded over at right angles to the said shoulder to form a radial flange and mouth with said neck, and a U-shaped binding ring engaging over the said radial flange, a closure fitted in the opposite end of said tubular member forming a bottom therewith.

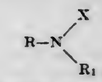
2,132,673
UNITARY ROENTGEN APPARATUS
Kurt Bischoff, Alterlangen, near Erlangen, Carl Niemann, Buckenhof, near Erlangen, and Hans Wünsch, Erlangen, Germany, assignors to the firm Siemens-Reiniger-Werke Aktiengesellschaft, Berlin, Germany
Application August 25, 1936, Serial No. 97,774
In Germany August 26, 1935
5 Claims. (Cl. 250—34)



1. In a Roentgen apparatus including a Roentgen tube of the heated cathode type and a high tension transformer, the combination of a separate heating transformer including a core and a secondary winding thereon, a high tension conductor leading from one terminal of the secondary winding of said high tension transformer to one terminal of the secondary winding of said heating transformer, heating conductors leading from the two terminals of the secondary winding of said heating transformer to the cathode of said tube, a continuous covering of fibrous insulating material applied in the form of a tape wrapping or bandage and covering the secondary winding of the high tension transformer, the said high tension conductor, the secondary winding and core of said heating transformer, and the said heating conductors as far at least as the point where they enter said tube, and a primary winding for said heating transformer surrounding said insulating covering at the point where the latter encloses the secondary winding and core of said heating transformer.

2,132,674
AROMATIC POLYETHER AMINES
Herman A. Bruson, Philadelphia, Pa., assignor to Röhm & Haas Company, Philadelphia, Pa.
No Drawing. Application July 31, 1936, Serial No. 93,571
15 Claims. (Cl. 260—574)

13. An aromatic amine having the general formula



in which R is an aryloxy polyalkylene ether radical in which the alkylene groups are selected from the lower members of the series, R_1 is an aromatic hydrocarbon radical and X is a member of the group consisting of hydrogen, lower alkyl radicals and aryl radicals.

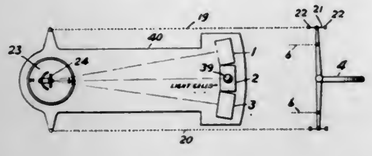
2,132,675
ACYLATED ETHERS AND PROCESS FOR MAKING SAME
Herman A. Bruson and John W. Eastes, Philadelphia, Pa., assignors to Röhm & Haas Company, Philadelphia, Pa.
No Drawing. Application April 8, 1937, Serial No. 135,672
32 Claims. (Cl. 260—64)

1. A compound obtained by condensing an acylating agent with an aromatic ether halide of the general formula

$$R—(O—C_nH_{2n})_xY$$

in which R is an aromatic hydrocarbon radical of the benzene and naphthalene series having a replaceable nuclear hydrogen atom, n is a small integer greater than one, x is an integer less than four and Y is a halogen atom, in the presence of a Friedel-Crafts condensing agent.

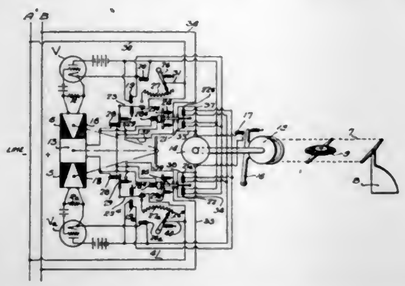
2,132,676
AUTOMATIC STEERING MEANS
Britton Chance, Mantoloking, N. J.
Application May 4, 1935, Serial No. 19,824
2 Claims. (Cl. 172—282)



2. In apparatus for maintaining a mobile object on a predetermined course, a compass member, a horizontal support turnable about the axis of said compass member, a pair of devices responsive to radiant energy mounted in spaced relation to each other on said support, another device responsive to radiant energy mounted on said support between said first-mentioned devices, a reflector on said compass member, a source of a beam of radiant energy mounted on said other device and arranged to project the beam onto said reflector, the beam being reflected by said reflector onto said other device when said support is in normal position and onto one of said first-mentioned devices whenever said support turns about the axis of said compass member, electrical control means energized by said first-mentioned devices whenever the beam impinges on one of such devices, additional control means energized by said other device when the beam impinges thereon, and follow-back means actuated in response to energization of said first control means to return said support to normal position.

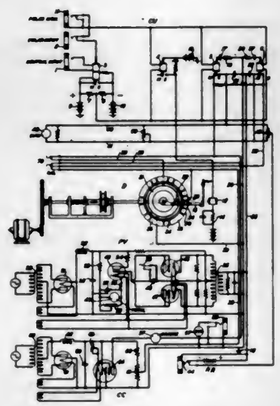
2,132,677
AUTOMATIC STEERING MEANS
Britton Chance, Mantoloking, N. J.
Application August 5, 1936, Serial No. 94,463
12 Claims. (Cl. 172—282)

11. Apparatus for controllably actuating an element on a dirigible craft, such as a rudder, comprising electrical means for actuating said element, impedance means in circuit with said actuating means, means including a beam of radiant energy and a plurality of beam-responsive devices for varying said impedance in accordance with the amplitude of the craft's deviation from its course, whereby said element is actuated accordingly by said actuating means, and follow-back means responsive to the actuation of said



element for restoring the normal relation between said beam and said devices.

2,132,678
SIGNAL DISTORTION MEASURING DEVICE
Frank A. Cowan, New York, N. Y., assignor to American Telephone and Telegraph Company, a corporation of New York
Application July 2, 1935, Serial No. 29,569
14 Claims. (Cl. 178—69)

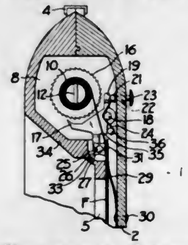


2. In a signaling system, a source of signals of varying character, a device for measuring distortion comprising signal responsive means, a rotatable member responsive to said means for providing time intervals of definite duration for each received signal, an energy storing element, a source of energy, a normally closed circuit for storing energy in said element, sections on said member for alternately releasing and storing the energy in said element, a second energy storing element adapted to receive the energy stored in the first-mentioned storing element every time the signal responsive means operates, the successive operations of said signal responsive means serving to accumulate and maintain on said second storing element an amount of energy corresponding to the average of the individual amounts stored in the first-mentioned storing element, and recording means connected to said storing elements for indicating any difference in the amounts of energy stored in said storing elements when said signal responsive means operates.

2,132,679
ESTERS OF GLYCOL ETHERS
Henry L. Cox and Thomas F. Carruthers, South Charleston, W. Va., assignors, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
No Drawing. Application May 4, 1934, Serial No. 723,902
8 Claims. (Cl. 106—37)

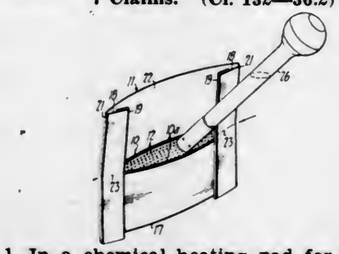
1. As a new compound, a salicylic acid ester of a glycol mono-alkyl ether in which the substituted alkyl group contains more than two carbon atoms.

2,132,680
FILM LOCKING MECHANISM
Chester W. Crumrine, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application January 7, 1937, Serial No. 119,484
8 Claims. (Cl. 242—71)



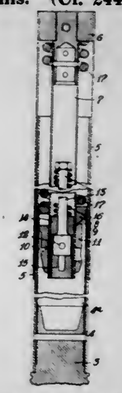
1. In a roll film camera, the combination with a camera body having spool chambers, an exposure frame between said spool chambers and a film spool winding handle for turning a spool of apertured film for winding film into position for exposure, of means for automatically stopping the winding movement of the handle comprising a ratchet wheel carried thereby and a pivoted pawl adjacent thereto adapted to engage said ratchet wheel, means for moving the pawl including a revolubly mounted starwheel having a plurality of points, any two of which are adapted to slidably engage a smooth film surface, one of said points being adapted to enter a film aperture, and an abutment carried by the camera against which a starwheel point may slide as it passes through a film aperture, whereby the pawl may be moved as the starwheel is turned by the film to bring the pawl into engagement with the ratchet.

2,132,681
CHEMICAL HEATING PAD
William H. H. Davis and Leon Markel, San Francisco, Calif., assignors to United States Appliance Corporation, San Francisco, Calif., a corporation of California
Application June 27, 1938, Serial No. 216,022
7 Claims. (Cl. 132—36.2)



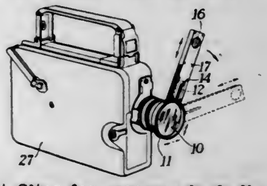
1. In a chemical heating pad for permanent hair waving operations, an outer protective envelope having a closure flap and an open longitudinal edge closed by folding down the flap, and an inner assembly within the envelope adapted to be moistened with a chemical solution for an exothermic reaction, said assembly being accessible for introduction of solution through said open longitudinal edge.

2,132,682
TAIL WHEEL AND THE LIKE FOR AIRCRAFT
George Herbert Dowty, Cheltenham, England
Application April 15, 1936, Serial No. 74,603
In Great Britain April 17, 1935
6 Claims. (Cl. 244—102)



1. An aircraft tail support mounting comprising in combination a support carrying element, a mounting element carrying said support carrying element, shock absorbing means operative between said elements, means mounting the elements for castoring rotation, means for freeing said elements for castoring rotation when said shock absorbing means is loaded, means for restoring specific alignment between said elements when said shock absorbing means is unloaded, a bearing for attaching said mounting means to an aircraft, means operable independently of the shock absorbing and castoring means for swinging said mounting means, support carrying means, shock absorbing means, and castoring means as a whole about said bearing for retraction of the wheel.

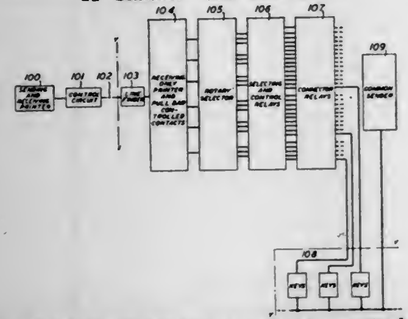
2,132,683
CAMERA ATTACHMENT
Donald R. Farmen, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application January 7, 1937, Serial No. 119,481
5 Claims. (Cl. 95—81)



1. A light filter for cameras including a polarizing screen, means including a rotatable part for attaching the screen to the mount of an objective rotatably approximately about and in a plane normal to the optic axis of the objective through which an exposure is to be made and a view-examiner polarizer carried by said rotatable

part and spaced from the screen beyond the position occupied by the objective mount when the screen is attached thereto, said view-examiner polarizer and screen having their vibration axes parallel and being adapted to be simultaneously rotated about the optic axis of the objective whereby the effect of said screen can be visually determined by viewing through the view-examiner polarizer, the scene to be photographed.

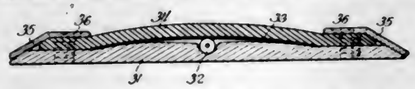
2,132,684
PRINTING TELEGRAPH AUTOMATIC EXCHANGE SYSTEM
Leland A. Gardner, Maplewood, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application May 22, 1937, Serial No. 144,273
11 Claims. (Cl. 177—353)



1. A signaling system comprising a central station, a continuously actuated signal transmitting device at said central station having a source of potential, a plurality of elements each arranged to transmit from said source a permutation code combination of signaling impulses at regular intervals in each cycle of actuation, means for arbitrarily selecting one or more of said elements, groups of means for repeating at regular intervals the permutation code combination selected by said arbitrarily selecting means, remote stations, transmitting means and receiving means and a source of potential therefor at each of said remote stations for transmitting and receiving permutation code combinations of signaling impulses, a communication circuit interconnecting a repeating means of each of said groups and a receiving means at each of said remote stations, a plurality of contacts selectively engageable in response to permutation code combinations of signaling impulses received from a transmitting means at one of said remote stations for establishing a connection in said communication circuit, normally rotating means for seizing the selected contacts of said plurality to connect one of said repeating means directly to said communication circuit, and other means at said remote station operable to complete the communication circuit between said one repeating means and the receiving means at said remote station.

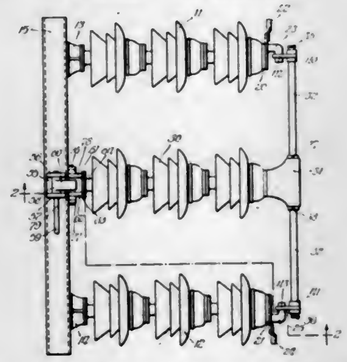
2,132,685
CONTACT MEANS
Weldon O. Hampton, Chicago, and Aldo E. Nessler, Evanston, Ill., assignors to Delta-Star Electric Company, Chicago, Ill., a corporation of Illinois
Application June 4, 1934, Serial No. 728,992
4 Claims. (Cl. 200—86)

1. A contact device for use on a roadway in the path of vehicular traffic, said device comprising a housing member adapted to extend across the roadway on the surface thereof, said member including a rigid base and a pair of straight rigid spaced strips secured thereto forming a channel, a contact cable removably disposed in said channel, said cable including two conductors normally separated from each other, and a resilient cover



disposed on said strips and on said base and adapted to be compressed by the wheels of a vehicle to compress said cable and effect contact between the conductors thereof, said strips forming a stop for the downward movement of said cover and determining the maximum extent of compression of said cable.

2,132,686
SWITCHING DEVICE
Weldon O. Hampton, Chicago, Ill., assignor to Delta-Star Electric Company, Chicago, Ill., a corporation of Illinois
Application July 20, 1936, Serial No. 91,508
13 Claims. (Cl. 200—48)



2. In a high tension switch, a pair of fixed switch contacts, means for supporting said contacts in spaced relation, a pair of movable switch contacts, means for supporting said movable contacts out of engagement with said fixed contacts, and mechanism for actuating said second supporting means for moving said movable switch contacts in the arc of a circle to a position outside said fixed contacts and for then moving said movable contacts along a radius of the same circle and toward the center thereof to engage said fixed contacts.

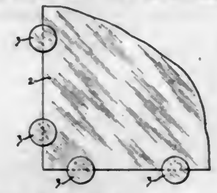
2,132,687
SHORTENING MATERIAL AND CAKE MADE THEREFROM
Benjamin R. Harris, Chicago, Ill., assignor to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Original application June 2, 1933, Serial No. 674,036. Divided and this application May 9, 1938, Serial No. 206,944
14 Claims. (Cl. 99—92)

1. As a new article of manufacture, a shortening material containing substantially no emulsified water and comprising an oleaginous substance having included therein about 1%–2% of a higher aliphatic ester of a glycol, said ester having a

molecular formula containing an unesterified glycol hydroxyl group.

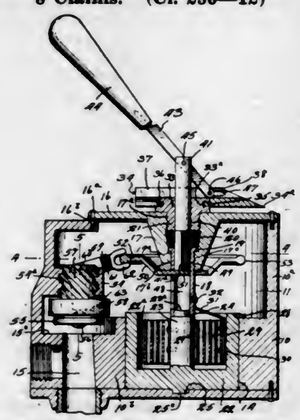
11. A flour batter emulsion comprising an oleaginous material, aqueous material, solid material including flour, egg material, and less than 2% but not less than 1%, based on the amount of oleaginous material, of a hydrophillic lipin selected from the group consisting of higher fatty acid esters of glycols and alkyl ethers of polyhydric alcohols, said esters and ethers having a molecular formula containing at least one free glycol or polyhydric alcohol hydroxyl group, the amount of aqueous material being greater than the amount of flour.

2,132,688
WINDOW MOUNTING FOR STREAMLINED VEHICLES
Edward L. Helwig, Bristol, Pa., assignor to Röhm & Haas Company, Philadelphia, Pa.
Application December 16, 1937, Serial No. 180,149
8 Claims. (Cl. 244—129)



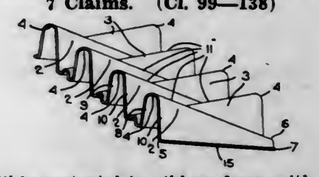
1. A window adapted for use in vehicles having stream-lined bodies comprising a sheet of transparent material fitting flush with the outer surface of the body, lugs on the inner surface of said sheet adapted to contact the inner surface of the body and clamping means adapted to hold said transparent sheet in place.

2,132,689
THERMOSTATICALLY CONTROLLED FAUCET UNIT
Le Roy N. Hermann, Bismarck, N. Dak.
Application May 26, 1934, Serial No. 727,791
8 Claims. (Cl. 236—12)



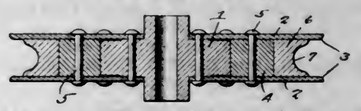
1. In a device of the kind described, a casing having a mixing chamber and having hot and cold water inlet ports and a common outlet port, a rotary proportioning valve for controlling the flow of water to the mixing chamber, an outlet valve for controlling the flow of water from the mixing chamber through the outlet port, a thermostat coil exposed to water in the mixing chamber and connected at one end to the mixing valve, a shaft journaled in the casing and connected to the other end of the thermostat coil, a rotary pointer on the casing connected to the shaft, a handle pivotally connected to the pointer, a rod slidably mounted in the casing and connected to the handle at one end, a disk on the other end of the rod, and a bell crank lever fulcrumed in the casing and operatively connected at one end to the outlet valve and to the disk at its other end.

2,132,690
EDIBLE MATERIAL IN RIBBON FORM
Perley A. Hilliard, Newtonville, Mass.
Application June 3, 1937, Serial No. 146,136
7 Claims. (Cl. 99—138)



7. Edible material in ribbon form with the ribbon structure having folds extending transversely thereof, each fold having a progressively varying depth from one edge of the ribbon to the other and also having a progressively varying width from the open to the closed edge of the fold, some of the folds having their deepest portion at one edge of the ribbon structure and the remaining folds having their deepest portion at the opposite edge of said structure.

2,132,691
SHEAVE
August Krueger, Manitowoc, Wis.
Application January 22, 1937, Serial No. 121,886
1 Claim. (Cl. 64—30)

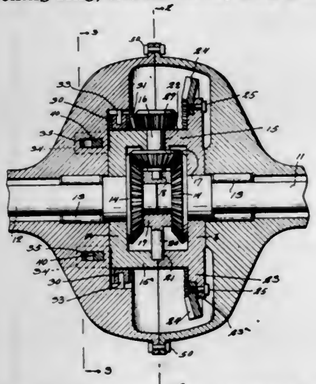


A sheave or pulley including a hub, an inner ring thereon and concentric therewith, an outer ring on the inner ring concentric therewith, said hub, inner ring and outer ring having flush side faces and said outer ring having an annular groove in its periphery, side plates fixedly secured to the flush surfaces of the hub and inner ring and movably engaged by the corresponding surfaces of the outer ring, said plates being parallel and said outer ring being mounted for rotation between the plates and upon the inner ring and said inner ring constituting means for transmitting thrust from the outer ring to the hub, and fastening means extending transversely through the plates, hub and inner ring for holding them fixed relative to each other, said means being exposed at the sides of the plates.

2,132,692
LOCKING MEANS FOR DIFFERENTIALS
Willard W. Lawrence, Patoka, Ill.
Application October 22, 1936, Serial No. 107,100
10 Claims. (Cl. 74—316)

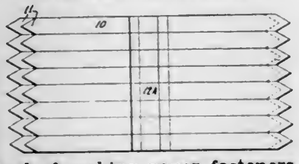
1. In a differential having a housing, a differential frame rotatable within the housing and having a plurality of radially disposed pinion

shafts, pinions mounted upon said shafts exteriorly of the frame, a locking ring surrounding one end of the frame and having rotative engagement therewith but independently movable toward or from said pinions, the locking ring being peripherally channeled, locking means associated with the pinions operatively engaged by the locking ring and shiftable by said locking ring into or out of engagement with the pinions, an actuating ring having a flange engaging in the channel of the locking ring, the actuating ring being held



from rotative movement and having a plurality of laterally extending apertured shanks, a plurality of cam rods rectilinearly movable through the housing, each rod having cam faces engageable with said shanks to shift the shanks inward upon a movement of the cam rod in one direction and outward upon a movement of the cam rod in the other direction, and manually operable means engaging said cam rods to shift them unitarily, said means having a handle on the exterior of the housing.

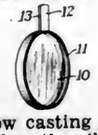
2,132,693
METHOD OF MAKING PAPER FASTENERS
Edward G. Martin, Portland, Oreg., and Eugene E. Stark, Olympia, Wash.
Application June 22, 1937, Serial No. 149,674
1 Claim. (Cl. 29—13)



A method of making paper fasteners consisting of serrating the opposite edges of a pair of sheets of metal, then imposing one of said sheets upon the other in a manner that the serrations are in transverse alinement but offset from each other, then welding said sheets together along a line between and parallel with said points and then severing said joined sheets between the serrations.

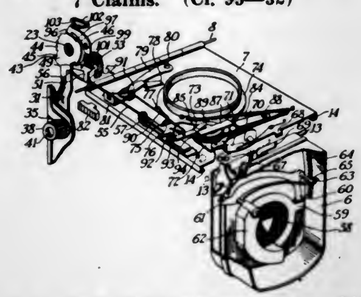
2,132,694
CAMERA ATTACHMENT
John W. McFarlane, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application January 7, 1937, Serial No. 119,479
5 Claims. (Cl. 95—81)

2. A filter attachment adapted to be mounted on photographic cameras comprising a filter of light polarizing material having a vibration axis, a mount for the filter, a shadow casting means secured to the mount, a shadow-indicating index carried by the mount and so positioned with re-



spect to the shadow casting means and said vibration axis that when the vibration axis is pointing toward a source of light, the corresponding shadow cast by said means falls on said index.

2,132,695
ROLL HOLDING CAMERA
Joseph Mihalyi, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Original application October 30, 1936, Serial No. 108,397, now Patent No. 2,090,060, dated August 17, 1937. Divided and this application June 23, 1937, Serial No. 149,873
7 Claims. (Cl. 95—32)

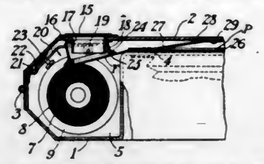


1. In a roll holding camera, the combination with a camera body including a housing enclosing spool chambers and an exposure frame, mechanism for operating the camera enclosed in the housing including a rotatable shaft for turning a spool in a spool chamber, a one-way clutch between said shaft and camera housing preventing movement of the shaft in one direction, a lever for turning the film spool shaft, a one-way clutch between said lever and shaft, a handle on the outside of the casing for operating said lever, a spring operated shutter of the setting type carried by the camera and enclosed in the casing, a totally enclosed setting lever for tensioning the spring of the shutter, a shutter trigger extending through the shutter casing to the outside hereof, and totally enclosed lost motion connections between the film winding handle and shutter setting lever whereby the latter may only be operated by the former.

2,132,696
ROLL HOLDING CAMERA CONSTRUCTION
August Nagel, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application May 29, 1937, Serial No. 145,500
In Germany September 25, 1936
7 Claims. (Cl. 95—31)

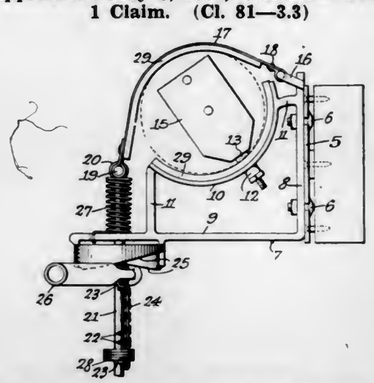
1. In a roll holding camera including an exposure frame and spool chambers adapted to receive spools, film, and backing paper with numbers thereon, the combination with a camera back which with the camera body forms walls enclosing the spool chambers and exposure frame, a

window in a wall enclosing a spool chamber through which reference characters on film backing paper may be viewed and a pair of telescop-



ing members mounted between the window and film backing paper for preventing light scatter from the window fogging the film.

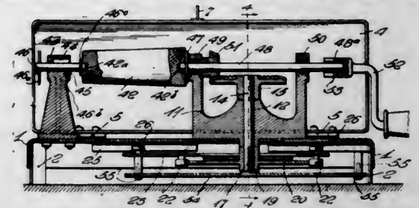
2,132,697
GLASS JAR VISE
Jonah Eugene Neifert, Casey, Iowa
Application May 6, 1937, Serial No. 141,154
1 Claim. (Cl. 81—3.3)



A jar holding device comprising a bracket, a supporting plate held under the bracket, a curved stationary jaw formed on the bracket, a flexible jaw pivotally connected to the bracket adjacent to the stationary jaw and adapted to extend around a jar resting on the supporting plate, a bolt connected to one end of the flexible bracket and having a plurality of openings formed therein, said bolt extending through an opening in the bracket, cam members on the bracket, an operating bar having an opening through which the bolt extends, a cotter key adapted to be positioned in an opening of the bolt and against which said operating bar engages, securing the operating bar in its positions of adjustment on the bolt, a coiled spring on the bolt and resting against the bracket, and said operating bar adapted to move over the cam members whereby the flexible jaw is moved against the action of the spring to grip a jar and hold the jar against movement.

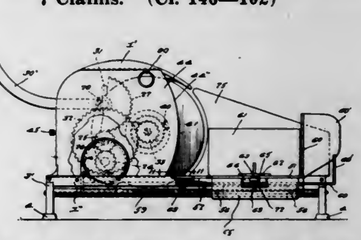
2,132,698
PORTABLE REWINDING MACHINE
Osborne I. Price, Frederick, Md.
Application June 25, 1936, Serial No. 87,303
5 Claims. (Cl. 242—1)

1. Rewinding apparatus for projected life lines comprising in combination with a rotatable line storage roller, means for directing a line in wrapped arrangement upon said line storage roller, said means including a supporting member operative in a reciprocatory path parallel to the axis of said rotatable line storage roller, a line tracking roller journaled on one side of said supporting member, a pair of aligned guide rollers journaled on the opposite side of said supporting member in series relation for guiding a projected line under said line tracking roller and



upon said rotatable line storage roller, and means including one of said guide rollers for applying tension to said line.

2,132,699
SLICING MACHINE
William J. Purcker, Buffalo, N. Y.
Application December 30, 1937, Serial No. 182,593
7 Claims. (Cl. 146—102)



1. In a slicing machine of the class described, a supporting frame, a carriage slidably arranged in the frame, an article supporting table carried by the carriage, a drum rotatably supported in the frame, a spring strap connected with the drum and with the carriage, confining means for the strap to permit the strap to pull the carriage in one direction and to push it in an opposite direction by turning movement of the drum, said confining means including an elongated narrow groove in the frame through which the strip passes and a flange surrounding that part of the drum on which the strap is arranged, said flange having an opening therein arranged adjacent one end of the groove for the passage of the strap between the drum and the groove, a rotary knife journaled in the frame, means for rotating the drum in a direction to cause the strap to pull the carriage in a direction to cause the article on the carriage to engage the knife and means for rotating the knife by the drum operating means.

2,132,700
METHOD OF PREPARING YEAST RAISED DOUGHS
Albert S. Richardson, Herbert S. Coith, and Verling M. Votaw, Wyoming, Ohio, assignors to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application February 3, 1938, Serial No. 188,582
8 Claims. (Cl. 99—90)

1. The process of preparing yeast-raised doughs from a flour base which comprises the step of incorporating in the dough fatty shortening having a free flowing consistency and containing glycerides of the group consisting of mono- and diglycerides of predominantly unsaturated higher fatty acids in quantity sufficient to produce a tenderizing effect on the edible product baked from the said dough.

2,132,701
SHORTENING AND METHOD OF BAKING THEREWITH

Albert S. Richardson, Herbert S. Coith, and Verling M. Votaw, Wyoming, Ohio, assignors to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio

No Drawing. Application February 3, 1938, Serial No. 188,583
10 Claims. (Cl. 99—123)

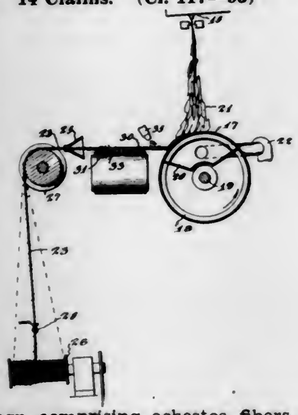
1. A substantially dry shortening agent containing a plastic mixture of solid and liquid fat and suitable for use in doughs and batters, said shortening agent consisting principally of esters of predominantly unsaturated higher fatty acids, said esters having a molecular formula containing a glycerol radical having therein at least one unesterified hydroxyl group.

9. In the process of preparing cakes, biscuits, bread, rolls and like products of the culinary art, the step which comprises mixing into the dough or batter a plastic mixture of solid and liquid fat, said plastic mixture consisting principally of esters of predominantly unsaturated higher fatty acids, said esters having a molecular formula containing a glycerol radical having therein at least one unesterified hydroxyl group.

2,132,702
COMBINED ASBESTOS AND GLASS FIBER YARN

Donald C. Simpson, Newark, Ohio, assignor to Owens-Illinois Glass Company, a corporation of Ohio

Application May 22, 1937, Serial No. 144,247
14 Claims. (Cl. 117—53)



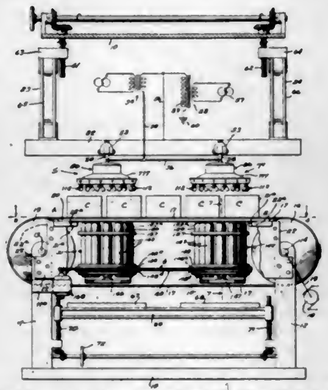
3. A yarn comprising asbestos fibers and intermixed long, fine glass fibers, said glass and asbestos fibers being intermatted with one another to provide mass integrity and strength to the yarn.

2,132,703
ELECTRICAL TREATING APPARATUS, ESPECIALLY FOR STERILIZATION

Franklin S. Smith, New Haven, Conn.

Application October 8, 1934, Serial No. 747,437
Renewed October 17, 1936
29 Claims. (Cl. 21—102)

4. In electrical treating apparatus, in combination, a source of high potential, capacity-forming means connected thereto and including a movable electrode structure and means juxtaposed thereto for coaction therewith for producing an electric discharge within a treatment zone, means for moving a product through said treatment zone, said electrode structure having a discharge electrode and means responsive to the movement of said electrode structure for effecting a blast of air current lengthwise of said electrode.

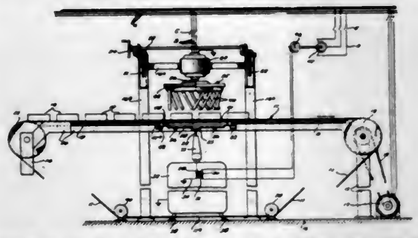


27. In electrical apparatus of the type wherein a high potential is impressed across two electrode structures having opposed faces with a discharge zone between said faces, the combination of, an electrode structure positioned upon one side of the treatment zone including two annular electrode means mounted to rotate independently about a single axis, and means to rotate said two annular electrode means in opposite directions.

2,132,704
ELECTRICAL TREATING APPARATUS, ESPECIALLY FOR STERILIZATION

Franklin S. Smith, New Haven, Conn.

Application October 8, 1934, Serial No. 747,438
11 Claims. (Cl. 21—102)



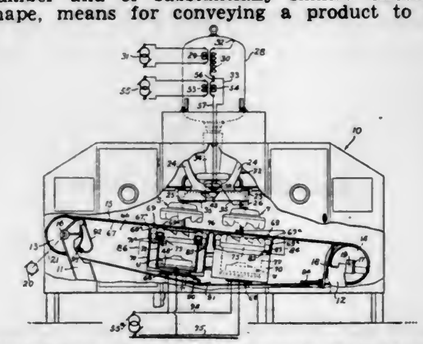
1. In electrical treating apparatus, in combination, a source of relatively high potential, one side of which is grounded, moving electrode means having connected thereto driving motive means, from which a discharge may emanate and all at ground potential, a conveyor belt for bringing a product to be treated into the discharge region of said electrode means, there being on the under side of said belt and juxtaposed to said electrode means a solid dielectric member onto which the discharge impinges, means underneath said solid dielectric means for housing said source of high potential and having a high potential terminal related thereto, and conductive means adjacent the under side of said solid dielectric means and supported by said high potential terminal.

2,132,705
ELECTRICAL TREATING APPARATUS, ESPECIALLY FOR STERILIZATION

Franklin S. Smith, New Haven, Conn.

Application October 8, 1934, Serial No. 747,439
26 Claims. (Cl. 21—102)

1. In electrical treating apparatus of the type wherein a product to be treated is positioned within a treatment zone and subjected to discharges resulting from impressing a high potential upon electrode structure, in combination, an electric discharge circuit comprising two opposed rotatable electrode means connected to a suitable source of potential through means forming a condenser incapable of breaking down at the voltage of said source, said electrodes having discharge members of substantially the same number and of substantially similar effective shape, means for conveying a product to be



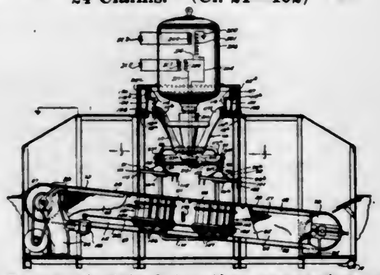
treated through the space between said opposed electrode means, said electrode means rotating about axes extending in the same direction but normal to the path of travel of the product to be treated, and means for rotating said opposed electrode means at substantially the same speed.

21. In treating apparatus, an electrode comprising an annulus having protrusions along one face thereof, each of said protrusions having one face having a steep slope in a circumferential direction and another face which has a gentle slope in a circumferential direction.

2,132,706
ELECTRICAL TREATING APPARATUS, ESPECIALLY FOR STERILIZATION

Franklin S. Smith, New Haven, Conn.

Original application August 2, 1932, Serial No. 627,291. Divided and this application October 8, 1934, Serial No. 747,440
24 Claims. (Cl. 21—102)



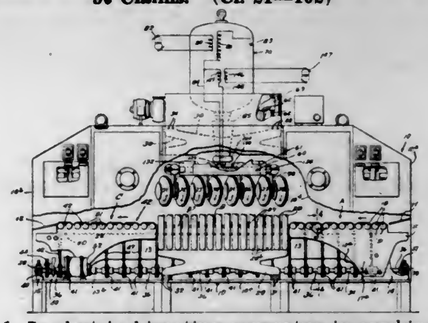
1. In an electrical treating apparatus of the type having a support member and a plurality of electrodes, an insulator comprising a segment of a cylinder which segment includes a ring-like portion and loop-shaped portions attached to said ring-like portion at spaced points, said ring-like portion providing means for mounting said electrodes at points upon said ring-like portion intermediate the points at which said loop-shaped portions are attached and said loop-shaped portions being mounted upon said support member so as to insulate and support said electrodes from said support member.

3. In electrical treating apparatus a fixed shaft, an electrode rotatably mounted upon said shaft, an electrical motor the stator of which is mounted upon said shaft and the rotor of which is mounted upon said electrode, said electrode comprising a bottom plate having apertures near the periphery thereof and an upper cover member, electrode members removably mounted in said apertures, said electrodes being held in place by said cover member.

2,132,707
ELECTRICAL TREATING APPARATUS, ESPECIALLY FOR STERILIZATION

Franklin S. Smith, New Haven, Conn.

Application October 8, 1934, Serial No. 747,441
50 Claims. (Cl. 21—102)



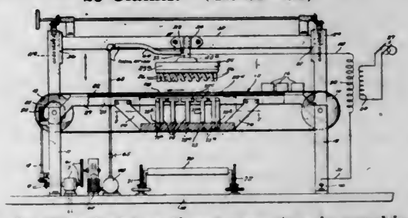
1. In electrical treating apparatus, in combination, means for moving a product to be treated along a given path, electrode means spaced from said path and comprising a plurality of rotatable toroidal electrode members, means supporting said electrode members offset one from another transversely of said path, means for effecting rotation of certain of said members in one direction and others in reversed direction, and means including a source of suitable potential connected to said electrode means for effecting discharge through the product moving along said path.

42. In an electrical treating apparatus in which a product to be treated is subjected to a discharge resulting from impressing a high potential across two sets of electrode elements, the combination of, a tubular roller of dielectric material, a conductor within said roller, and an elongated condenser element electrically connected with said conductor and mechanically connected to one end of said roller.

2,132,708
METHOD FOR TREATING MATERIALS AND ELECTRICAL TREATING APPARATUS, ESPECIALLY FOR STERILIZATION

Franklin S. Smith, New Haven, Conn.

Application October 8, 1934, Serial No. 747,442
25 Claims. (Cl. 21—54)

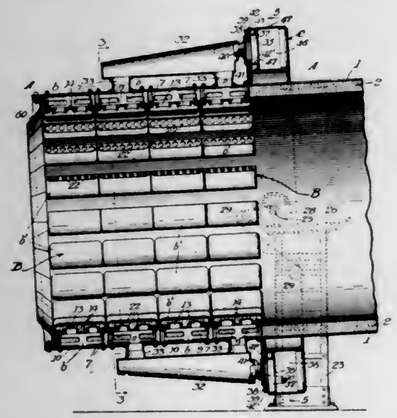


1. In electrical treating apparatus, in combination, an electric discharge circuit comprising a source of suitable potential, spaced means between which electric discharge takes place, one of said means comprising electrode means connected to the high potential side of said source,

and condenser means incapable of breakdown at the voltage of said source, said high potential means being mounted to move along a certain path, fluid-driven motive means operable by a non-conductive fluid for moving said movable electrode means, means for supplying non-conductive operating fluid to said motive means, and means including solid dielectric conduit means connecting said fluid-supplying means to said fluid-driven motive means.

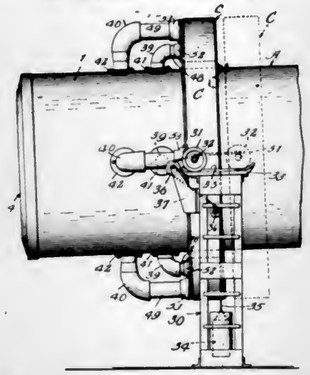
23. The method of treating materials by electrical discharges which comprises producing an electric discharge by a pulsating potential, subjecting a product to be treated to said electric discharge, and deionizing air in the discharge space by an air blast directed into the latter, thereby displacing ionized air to effect discharge at a higher point in the instantaneous voltage characteristic upon the succeeding pulsation.

2,132,709
ROTARY KILN
Henry Vanderwerp, Cleveland, Ohio
Application November 30, 1934, Serial No. 755,397
5 Claims. (Cl. 34—6)



1. A kiln comprising a rotary shell, a lining therefor, including a combination recuperator and cooler for preheating air supplied to the kiln and cooling material discharged therefrom, means for supplying air under pressure to said recuperator and cooler, comprising air distributing connections on the shell of the kiln constructed and arranged to communicate with said recuperator and cooler, a blast-ring provided with ports secured to the air admission ends of said air distributing connections with the ports thereof in communication with said air distributing connections, a wind-box mounted in association with said kiln, means for supplying air under pressure to said wind-box, a diaphragm which divides the wind-box into compartments, said diaphragm and the rear-wall of the wind-box being provided with segmental blast-openings, means for closing the space between said diaphragm and the rear-wall of the wind-box in substantial register with the corresponding edges of said blast-openings, and dampers which close the ends of said space, the relation being such that rotation of the shell of the kiln will bring the ports in the blast-ring into communication with the blast-openings of the wind-box in continuous succession during operation.

2,132,710
APPARATUS FOR PRODUCING CEMENT CLINKER
Henry Vanderwerp, Cleveland, Ohio
Application March 20, 1937, Serial No. 132,052
20 Claims. (Cl. 34—6)



1. A kiln comprising a rotary shell, a lining therefor, including a combination recuperator and cooler for pre-heating air supplied to the kiln and cooling material discharged therefrom, said recuperator and cooler consisting of trough-shaped members secured to the shell of the kiln with the edges of their open sides in contact therewith, and arranged to form a series of flues spaced apart circumferentially of the kiln, said members provided with openings for discharging air into the kiln, tuyère members supported on said flues and which extend over said openings, and means for securing said flue members and tuyère members to the shell of the kiln.

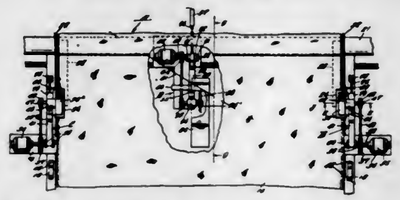
2,132,711
MOISTUREPROOF COMPOSITION AND PREPARATION THEREOF
Vanderveer Voorhees, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
No Drawing. Application May 25, 1936, Serial No. 81,644
3 Claims. (Cl. 154—46)

1. A moisture-proof, non-fibrous transparent lamellar sheet which remains flexible at low temperatures consisting of a plurality of lamellae of regenerated cellulose bonded to and enclosing an unbroken film of a hydrocarbon consisting essentially of a product of the low temperature polymerization of isobutylene having a molecular weight of 1500 to 15000 between said lamellae.

2,132,712
FERMENTATION PROCESS FOR THE MANUFACTURE OF DEXTRO-LACTIC ACID
George E. Ward, Dunn-Loring, Va., Lewis B. Lockwood, Washington, D. C., and Orville E. May, Chevy Chase, Md., assignors to Henry A. Wallace, Secretary of Agriculture of the United States of America, and his successors in office
No Drawing. Application June 25, 1936, Serial No. 87,326
2 Claims. (Cl. 195—36)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

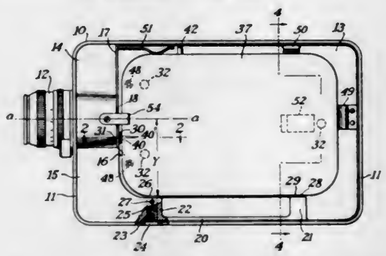
2. A process for the production of dextro-lactic acid by fermentation, which comprises inoculating glucose solutions with *Rhizopus oryzae*, thence adding calcium carbonate, thence aerating and agitating the mass, and thence cultivating the fungus in a submerged state, thereby producing dextro-lactic acid.

2,132,713
CUTTING MECHANISM FOR FINISHING MACHINES
Max W. Winkler, Northampton, Pa., assignor to Queen City Textile Corporation, Allentown, Pa., a corporation of Pennsylvania
Application February 18, 1936, Serial No. 64,545
49 Claims. (Cl. 26—7)



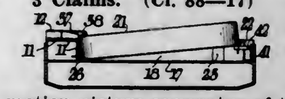
1. The combination with a machine carrying traveling lateral stretching means for supporting a flexible web, of an edge trimming member coacting with the web to trim a marginal portion therefrom during its passage through the machine, a web slitting member coacting with the web intermediate the side edges thereof to slit the web lengthwise, and one of said members being connected with the machine.

2,132,714
LOCATING MEMBER FOR A FILM MAGAZINE WITH RESPECT TO MOTION PICTURE APPARATUS
Otto Wittel and Lawrence R. Martin, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application June 11, 1935, Serial No. 26,020
4 Claims. (Cl. 88—17)



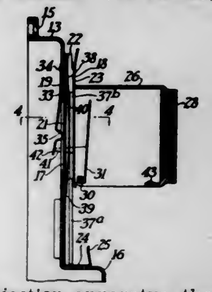
1. In a motion picture camera, the combination with a camera body providing a magazine chamber, including internal parts forming walls of said magazine chamber, and provided with a threaded bore adapted to receive the bolt of a tripod head and extending from the exterior of said camera body into said magazine chamber, and an optical objective mounted on said camera body and having an optical axis extending into said magazine chamber, of projections from said internal parts and having surfaces in predetermined spaced relation to the optical axis of said objective, one of said projections being composed of a stud within said threaded bore and adjustable from the exterior of said camera through said threaded bore.

2,132,715
GUIDE MEMBER FOR MOTION PICTURE APPARATUS OF THE MAGAZINE TYPE
Otto Wittel, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application April 24, 1936, Serial No. 76,173
In Great Britain February 5, 1936
3 Claims. (Cl. 88—17)



1. In a motion picture apparatus of the magazine type, the combination with a casing including a side wall and edge walls, which walls form a magazine chamber with an open side, and a film magazine having such dimensions as to substantially fill said magazine and such that said film magazine can be inserted into said chamber only through the open side thereof, of a guide member on said casing, extending into said magazine chamber, and having a portion for engaging and guiding said magazine during its insertion into said magazine chamber and for engaging and definitely positioning said magazine after such insertion into said chamber.

2,132,716
SLIDE CHANGING DEVICE FOR A PROJECTOR
Otto Wittel, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application March 20, 1937, Serial No. 132,107
7 Claims. (Cl. 88—28)

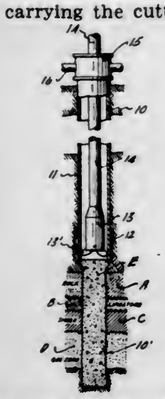


1. In a projection apparatus, the combination with a stationary guideway for transparent slides and provided with a projection opening, and holding means movable into said guideway for engaging and maintaining a slide at said projection opening, of a shutter member movably mounted with respect to said projection opening and movable to a closed position for intercepting a projection beam through said opening, and disengaging means movable with said shutter member and for operating said holding means to disengage the slide at said projection opening upon movement of said shutter to closed position.

2,132,717
LOGGING WELL FORMATION
Fred G. Beckman, Muskogee, Okla.
Application June 5, 1937, Serial No. 146,658
12 Claims. (Cl. 255—24)

1. The method of logging the formation of drilled wells which consists in, filling the bore of the well with material capable of being removed by drilling therethrough, then drilling to enlarge the bore of the well and to remove the

material, and carrying the cuttings to the surface as soon as they are removed by the drilling operation.

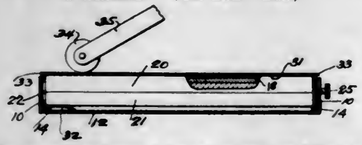


2,132,718
FEEDING MECHANISM FOR SHAKER CONVEYERS
Ernst R. Bergmann, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application February 6, 1936, Serial No. 62,582
Renewed April 15, 1937
27 Claims. (Cl. 198—220)



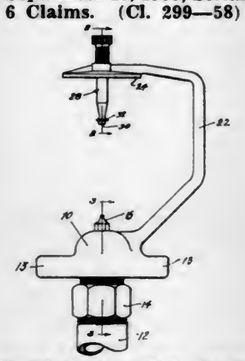
1. In a feeding device for shaker conveyers, a reciprocating trough section, a rocking shoe disposed in advance of said reciprocating trough section for supporting the forward end of said trough section above the ground, an extensible trough section adapted to be extended from or nested within said reciprocating trough section, a carrier member disposed in advance of said rocking shoe and adapted to be supported by said extensible trough section including a pair of friction grip blocks pivotally mounted therein and adapted to engage said extensible trough section above and below a portion thereof, and a connection from said rocking shoe to said carrier member for bringing said grip blocks into and out of engagement with said extensible trough section.

2,132,719
INK PAD
Claude H. Bright, Memphis, Tenn.
Application February 25, 1937, Serial No. 127,641
2 Claims. (Cl. 101—125)



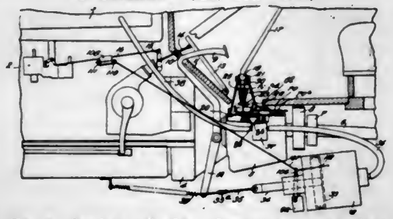
1. In combination, a tray, a removable pad disposed therein, and a removable stencil covering for said pad, said pad having at least one surface adapted to co-operate with said stencil when in use, said stencil having a length, in excess of the length of said pad and having one end portion wrapped around and under one end of said pad, said tray having transversely disposed ledges at its opposite ends adapted to support said pad and to engage and secure said underturned stencil portion thereagainst, said engagement forming the sole means of securing said stencil against creep along said pad.

2,132,720
VEGETABLE COOLING SPRAY
Jakob V. C. T. Christensen, Jr., Sierra Madre, Calif., assignor to Cecile W. Christensen, Los Angeles, Calif.
Application September 13, 1933, Serial No. 689,244
6 Claims. (Cl. 299—58)



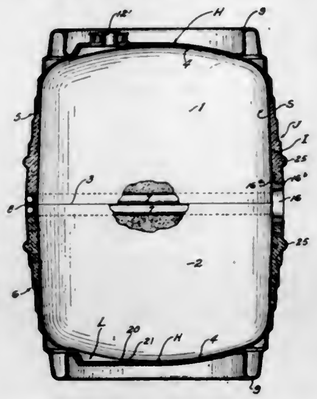
1. In a liquid spray device having a nozzle adapted to discharge a needle-like stream of water, a pin member mounted in line with said nozzle, said pin member presenting toward the nozzle a smooth-sided end portion having a concave impact end surface which intersects the smooth side surfaces of the pin end in a continuous unbroken sharp edge, the diameter of said pin end and concave impact surface being relatively small but being larger than the water stream impinging thereon, said impact surface deflecting the stream of water and forming a conical spray directed back towards the nozzle.

2,132,721
CLUTCH CONTROL MEANS
Harold E. Clarke, Somerville, Mass.
Application May 25, 1935, Serial No. 23,428
4 Claims. (Cl. 192—.01)



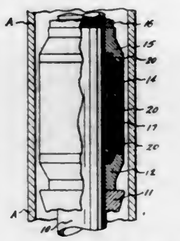
1. In a device of the character specified the combination of a clutch, a member connected therewith and movable in response to the movement thereof into and out of engagement, a liquid containing dash-pot means provided with an escape passage from its compression chamber arranged to engage said member and present resistance to the movement thereof toward the clutch-engaged position, a valve adapted to control said escape passage of said dash-pot means, an engine throttle and means operable upon the opening of said throttle to open said valve.

2,132,722
METAL CONTAINER
William E. Coakley, Milwaukee, Wis., assignor to Pressed Steel Tank Company, Milwaukee, Wis., a corporation of Wisconsin
Application February 13, 1936, Serial No. 63,689
2 Claims. (Cl. 220—15)



1. A container of the character described comprising inner and outer shells, the inner and outer shells being made up of tub-like sections welded together in the assembly, a tap bushing welded to the upper end heads of the inner and outer shells, a bung bushing welded to the body portions of the inner and outer shells, a plate welded to the lower end head of the inner shell in vertical alinement with the tap bushing, the lower end head of the outer shell having an opening underlying said plate and a weld between the margin of the opening and said plate.

2,132,723
PACKING ELEMENT
Charles S. Crickmer and Roy A. Lamb, Dallas, Tex., assignors to Merla Tool Company, Dallas, Tex., a firm
Application November 5, 1936, Serial No. 109,264
1 Claim. (Cl. 166—10)



A packing element including, an elongate annular body of elastic material having a plurality of equally spaced flat rigid metallic rings embedded therein throughout the length thereof and a sleeve of flexible reinforcing material lining its bore, the inner peripheries of said rings coinciding substantially with the periphery of the bore of said elastic body and the outer peripheries of the rings terminating short of the circumference of the body, whereby a continuous solid and unreinforced annular strip of the elastic body material is located outside the outer peripheries of the rings.

2,132,724
PLASTICIZER AND PROCESS OF PRODUCING SAME
Harold R. Dalton, Teaneck, N. J., assignor to John S. Ware, New York, N. Y., Joseph F. Leete, Chappaqua, N. Y., and himself
No Drawing. Application December 9, 1936, Serial No. 114,927
4 Claims. (Cl. 91—68)

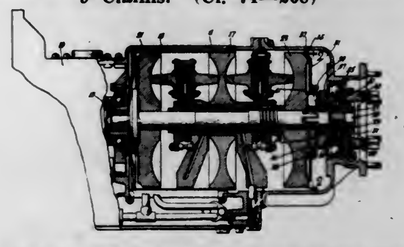
4. As a new article of manufacture, paper impregnated with a water solution of invert sugar and the reaction products formed by partially hydrogenizing a water solution of invert sugar, said reaction products including sorbitol and mannitol, the ratio by weight of the various ingredients being approximately as follows: invert sugar 50 per cent, reaction products 25 per cent, water 25 per cent.

2,132,725
AXLE
Durrel H. Davis, Augusta, Kans., assignor to Spencer Trailer Company, a co-partnership consisting of Fred G. Spencer and Bertha Spencer, Augusta, Kans.
Application April 23, 1936, Serial No. 75,973
4 Claims. (Cl. 301—124)



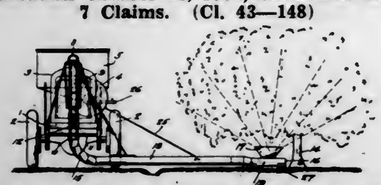
2. An axle comprising an elongate integral body, longitudinally channeled and of substantially the same cross-sectional area at every point throughout its length, the web portion of the body varying in vertical and horizontal dimensions at every point and having surface contour mergence without sudden or abrupt change throughout the extent thereof.

2,132,726
INFINITELY VARIABLE TRANSMISSION
Jacob Ehrlich, Detroit, Mich., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application July 19, 1933, Serial No. 681,063
9 Claims. (Cl. 74—208)



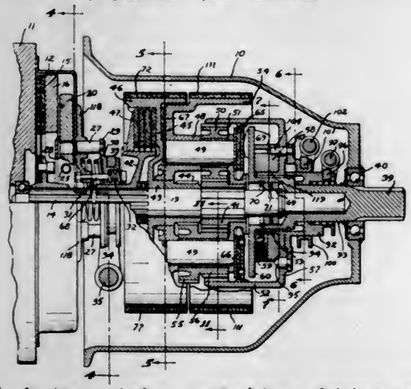
1. In frictional transmission mechanism, input and output elements, driving and driven grooved races associated with said elements respectively, rollers operably positioned between said races, means to movably mount said rollers to vary the driving ratio, yielding means operable to press said rollers and races together, and a loading device comprising means responsive to output torque to produce pressure between said rollers and races, said loading device comprising cam means having a non-circular curvilinear profile, said yielding means and loading device being so constructed and arranged that the axial pressure produced thereby substantially corresponds with the axial pressures required for all driving positions of the rollers when driving under full torque.

2,132,727
VERTICAL DUST APPLICATOR
James W. Foote, Highland, Calif., assignor, by mesne assignments, to Pesco Laboratories, Inc., a corporation of California
Application October 14, 1933, Serial No. 693,641
7 Claims. (Cl. 43—148)



1. In a vertical dust applicator comprising a passage member provided with an extension having at its end a rectangularly shaped detachable and adjustable end member, a flared nozzle means positioned upon said end member having a plurality of baffle plates internally positioned, and adjusting screws connected to said baffle plates adapted to adjust and hold in positions said baffle plates within said nozzle means, so that the dust passing therethrough may be directed and deflected upwardly and sidewardly.

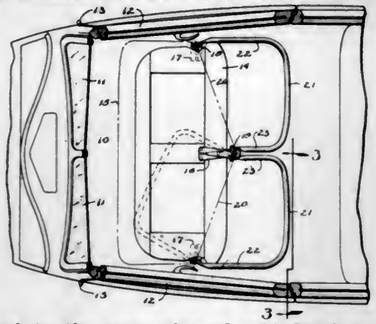
2,132,728
TRANSMISSION
Henry Ford, Howard W. Simpson, and Albert O. Roberts, Dearborn, Mich., assignors to Ford Motor Company, Dearborn, Mich., a corporation of Delaware
Application January 2, 1936, Serial No. 57,200
3 Claims. (Cl. 74—260)



1. A transmission comprising, driving and driven shafts, a planetary reduction gearing having a low speed brake drum which when held from rotation effects a reduced speed gear connection between said shafts, vacuum operated means for normally holding said drum from rotation, a friction clutch engageably connecting said shafts, centrifugally operated weights mounted in said transmission for rotation with said driven shaft, and means actuated by the outward movement of said weights for progressively relieving said vacuum and then engaging said clutch.

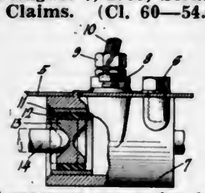
2,132,729
AUTOMOBILE SEAT CONSTRUCTION
Joseph Galamb and Clarence F. Kramer, Detroit, Mich., assignors to Ford Motor Company, Dearborn, Mich., a corporation of Delaware
Application January 13, 1938, Serial No. 184,730
5 Claims. (Cl. 155—5)

1. An automobile closed body construction characterized by its having front and rear seats therein and having a single door in one side thereof, said door being longitudinally positioned in alignment with said front seat, and a seat back positioned adjacent to said front door



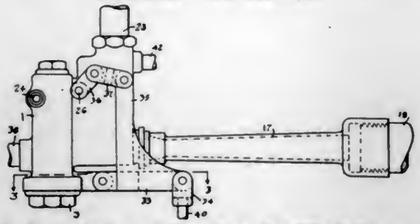
hinged to the rear edge of said front seat to swing forwardly around an axis which extends from the lower center portion of said door rearwardly and upwardly toward the center of the body.

2,132,730
HYDRAULIC BRAKE
Harvey D. Geyer, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application August 7, 1935, Serial No. 35,076
2 Claims. (Cl. 60—54.6)



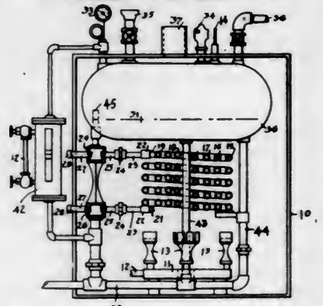
1. In a fluid pressure responsive device, an outer housing, a floating piston within the housing, a sleeve of elastic deformable material spacing the piston and housing and having in a zone axially intermediate its ends a surface bond with both the piston and housing, whereby relative movement is accommodated by a rolling action of the elastic deformable material.

2,132,731
VACUUM STEAM VALVE
Isaac Goldberg, Los Angeles, Calif., assignor to Master Steam Equipment Company, Los Angeles, Calif., a corporation of California
Application June 30, 1937, Serial No. 151,194
2 Claims. (Cl. 230—95)



1. In a device of the class described, the combination of; a body member including a steam inlet chamber, containing a steam inlet valve and a spring holding said valve normally closed; an intermediate steam chamber containing a steam inlet valve plunger; an ejector chamber adjacent to said intermediate steam chamber, an ejector nozzle located in the septum between the said intermediate and said ejector chambers; a Venturi tube in the outer wall of the said ejector chamber and opposite to the said ejector nozzle; an operating chamber above said intermediate and said ejector chambers, a port between the said ejector chamber and said operating chamber, said port being normally closed by a poppet valve; a cam-lever in said operating chamber having one end adapted to open the said poppet valve, a floating lever under the cam-shaped end of the said cam-lever, said floating lever resting on the steam inlet valve plunger and when actuated by the said cam-lever adapted to depress the said plunger and open the said steam inlet valve.

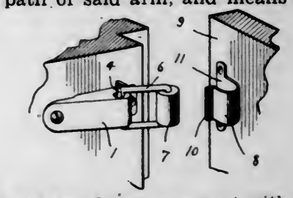
2,132,732
STEAM BOILER
Isaac Goldberg, Los Angeles, Calif., assignor to Master Steam Equipment Company, Los Angeles, Calif., a corporation of California
Application September 3, 1937, Serial No. 162,266
1 Claim. (Cl. 122—250)



In a device of the class described, the combination of a case containing a group of spirally-coiled water-tubes, said coils being nested within one another and adapted to be heated by suitable heating means; a lower header connected to a source of water supply, said header also being connected to the lower ends of the said coils; an upper header connected to the upper ends of the said coils; a steam drum connected to the said upper header; means for detaching any one of the said coils from both of the said headers and from the other coils of the group, said means consisting of the lower and upper ends of each coil being extended tangentially to the said coil and having a coupling and union in the conduit between the said coil and the said header; and means for cleansing said coil, said means consisting of clean-out tubes extending from the headers to a point outside of the said case and located opposite each of the said coil connections.

2,132,733
DOOR CATCH
Alden E. Hammerbeck, Duluth, Minn., assignor of two-fifths to E. E. Webber, Duluth, Minn.
Application May 22, 1937, Serial No. 144,225
3 Claims. (Cl. 16—65)

1. A door catch comprising a housing adapted to be secured to a door frame, a leaf spring secured within said housing adjacent one wall thereof, a unitary arm having a flattened end extending within said housing between the spring and said wall whereby said arm is biased toward the limit of its movement in one direction, a bracket adapted to be secured to the door and in the path of said arm, and means on the free



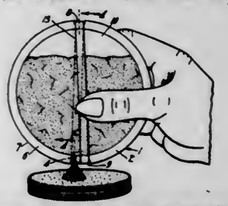
end of said arm for engagement with the bracket on the door.

2,132,734
LAUNDRY NET
Parker Hart, Rye, N. Y., and Robert W. Hart, Jr., Cambridge, Mass.
Application August 19, 1936, Serial No. 96,712
6 Claims. (Cl. 28—1)



1. As an article of manufacture, a laundry bag of the character described, constructed of fibrous cords concatenated to present open meshes for the circulation of laundry fluids through articles within the bag, the said fibrous cords being impregnated with a material which renders them substantially impervious to said fluids.

2,132,735
TOILET ACCESSORY DISPENSING DEVICE
Tom Huston, Hartford, Conn., assignor to Shelby P. Langston, Miami, Fla.
Application November 4, 1936, Serial No. 109,139
18 Claims. (Cl. 221—62)

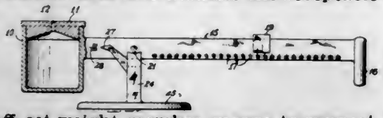


1. In a dispensing device, a container presenting an enclosed chamber portion having a lateral outlet, and a closure for the latter extending across opposite faces of said portion and having a pivot on a closed wall thereof opposite said outlet.

2,132,736
DRILLING FLUID TESTER SCALE
Philip H. Jones, Redondo Beach, Calif.
Application April 20, 1936, Serial No. 75,362
2 Claims. (Cl. 265—49)

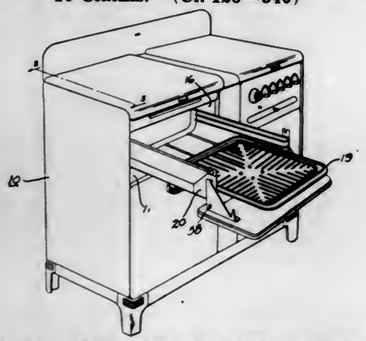
1. Apparatus for weighing liquids comprising a receptacle adapted to contain a measured volume

of liquid, a balance arm rigidly attached to and laterally extending from said receptacle and forming a dipper-like structure, an off-set fixed weight member at the opposite end of said balance arm to form a handle for said dipper-like structure, means to substantially close the receptacle and to exactly define said measured volume of contained liquid, a fixed pivot means on said balance arm intermediate the receptacle and



the off-set weight member, means to support said structure upon said fixed pivot means and adjustable weight means on said arm to balance said dipper-like structure upon said pivot support when the receptacle contains the measured volume of liquid and a pointer on the supporting means cooperating with a scale on said balance arm to indicate a balance of said structure upon said pivot support.

2,132,737
STOVE
Bertrand B. Kahn, Cincinnati, Ohio, assignor to The Estate Stove Company, Hamilton, Ohio, a corporation of Ohio
Application April 7, 1937, Serial No. 135,366
10 Claims. (Cl. 126—340)



2. A stove of the character described comprising a cooking compartment, a frame mounted for movement into an operative position in said compartment, and for movement out of said compartment to an inoperative position, a liner separate from said frame, means connecting said liner to said frame for movement therewith and for ready detachment therefrom, and a closure for said opening carried by said frame and adapted to close said compartment when said frame is moved into operative position within said compartment.

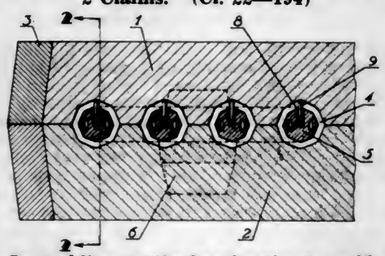
2,132,738
GAS-LIFT PUMP
Granville S. Knox, Los Angeles, Calif., assignor of one-half to B. E. Ahlport, La Canada, Calif.
Application November 15, 1935, Serial No. 49,942
37 Claims. (Cl. 103—234)

1. In a gas-lift pumping system for a well having a casing containing liquid to be pumped in the lower portion thereof and gas under pressure in the casing above the liquid surface therein; a string of tubing within the casing having its upper end extending out of the casing and its lower end submerged in the liquid in the casing, gas valve means for admitting gas from said casing into said tubing at a first level, liquid valve means for controlling flow of fluid through said tubing from a level below said first level, and means for closing said gas valve and opening said liquid valve when the pressure in the tubing falls below a predetermined value and for opening said gas valve and closing said liquid valve when the fluid pressure in the tubing at said first level



reaches a predetermined ratio with respect to the gas pressure in said casing, whereby a column of liquid rises in said tubing when said liquid valve is open until the pressure head of said column reaches said predetermined ratio with respect to the gas pressure in said casing and said column of liquid is then lifted up through said tubing by gas admitted therebelow through said gas valve.

2,132,739
METHOD OF MOLDING CORED ARTICLES
Carl J. Kohler, Kohler, Wis.
Application November 26, 1937, Serial No. 176,513
2 Claims. (Cl. 22—194)

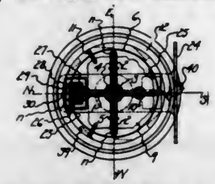


1. In molding methods wherein a mold containing a mold cavity is formed in a plurality of sections; a core inserted in said mold cavity; the mold closed and molten metal poured into said mold cavity and around said core to form a casting; that improvement which comprises forming a slot, relatively long and narrow in comparison to its depth, in the core during the formation thereof; baking said core; forming a chaplet by bending a wire into a parallelogrammic shape and positioning said chaplet in the slot in said core prior to closing the mold with a portion of said chaplet protruding beyond the surface of said core and adapted to engage the wall of said mold cavity.

2,132,740
AIRCRAFT COMPASS
Karolus E. Kunze, Jamaica, N. Y., and Theodore L. Soo-Hoo, Quincy, Mass.
Application September 4, 1936, Serial No. 99,380
4 Claims. (Cl. 33—222)

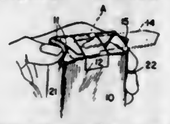
4. In an aircraft instrument of the type described in this specification, the combination of

a pivotally mounted neutrally-balanced, magnetic compass directive element having a directive magnet placed entirely on one side of the center and auxiliary magnets, offset from the center and placed in symmetrical angular relationship relative to the directive magnet and on opposite sides of same, substantially as described; and two solenoids having a common axis passing through the pivot point of said magnetic directive element, the said two solenoids being ar-



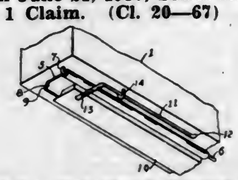
ranged to carry electric currents in relatively opposed rotary senses, and being placed one above and one below a normally horizontal plane passing through, or close to, the point of pivotal mounting of said magnetic element, and whereby the axes of the said directive and auxiliary magnets are constrained to lie nearly parallel to said plane of symmetry while the directive force of said magnetic directive element is unaltered by the magnetic field of said solenoids.

2,132,741
PACKAGE OPENER
George L. Kyseth, Clarion, Iowa
Application March 9, 1937, Serial No. 129,855
2 Claims. (Cl. 229—51)



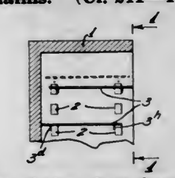
1. The combination of a container having a flexible wall and a pierceable wall, with an opener within the container having a pointed end and a portion connected with the end, having shoulders at the line of juncture with the end, projecting laterally from the pointed end part of the opener and adapted to engage the wall when the pointed end is forced through the wall and thus to tend to stop farther movement of the opener.

2,132,742
WEATHER STRIP FOR HINGED DOORS
Sidney Lydiard and Edward W. Kress, San Jose, Calif.
Application June 21, 1937, Serial No. 149,284
1 Claim. (Cl. 20—67)



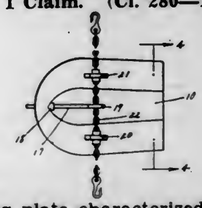
A device of the character indicated comprising, the combination with a hinged door and its frame of a rod having its ends bent at right angles and seated in the bottom edge of the door adjacent each end thereof and adjacent one of its longer edges, a strip of sheet metal narrower than the bottom of the door having one longer edge bent around said rod to swing thereon and extending the length thereof, the end portion of the strip being bent downwardly on its free edge to form a cam surface, a metal tab driven into the side of the door frame and disposed at an angle to the bottom of the door frame to form a cam surface adapted to engage the cam surface of the strip and force the free edge of said strip downwardly when moved into engagement therewith, and a resilient device mounted on the bottom of the door to engage the strip to urge it upwardly to lie flat against the bottom of the door when the cam surfaces are not engaged.

2,132,743
COMBINATION ADJUSTABLE SHELF AND SHELF SUPPORTING MEANS
Walter J. Marchant, Coronado, Calif.
Application March 29, 1937, Serial No. 133,560
4 Claims. (Cl. 211—147)



1. In a means of the class described, a casing, opposed supports in spaced relation extending inwardly from the inner sides of two sides of said casing, a shelf provided with notches at its ends arranged for said supports to pass through said notches, and stop means at one side and below each of said notches adapted to engage said supports when the shelf is resting thereon to prevent the lateral movement of said shelf in one direction.

2,132,744
SKIDDING PLATE
William E. McCraw, Bishop's Falls, Newfoundland
Application September 1, 1936, Serial No. 98,997
1 Claim. (Cl. 280—19)

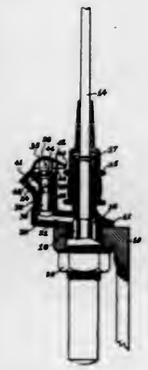


A skidding plate characterized by a flat bottom which converges into an upturned forward end, sides sloping upwardly from the bottom and converging forwardly to the upturned forward end, a lug on the interior of each side, said lugs being in axial alignment and having co-axial bores therethrough, a choker chain entered in said bores and freely slidable therein, an orifice through the upturned forward end, a draw bar entered through and slidable in said orifice, said draw bar being connected to said choker bar.

2,132,745
SPINDLE OILING DEVICE
Karl W. Meklenburg, Whitinsville, Mass., assignor to Whitin Machine Works, Whitinsville, Mass., a corporation of Massachusetts
Application December 5, 1936, Serial No. 114,455
5 Claims. (Cl. 308—169)

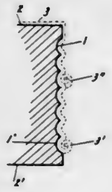
2. In a spindle, a spindle base having an oil supply device at one side with an oil passage

therethrough, a valve member intersecting said passage and effective to open and close said passage at a point between the ends of said passage and substantially removed from the outer end thereof, and a combined doffer guard and oil



cover pivotally mounted on said valve member and by which said member may be turned, the outer end of said passage being covered by said guard when the passage is closed by said valve and said guard having a free swinging movement relative to said valve member.

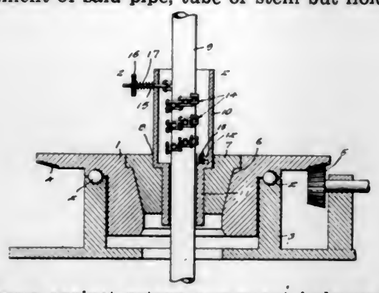
2,132,746
SOAP COVERED WITH A SOFT SHEATH
Claude Isaac Meyer, Paris, France
Application June 7, 1935, Serial No. 25,488
In France September 17, 1934
6 Claims. (Cl. 87—23)



1. In combination, a soap tablet, a pliable protective sheath adapted to be rolled up and down along the lateral faces of said tablet, said faces being formed with flutings extending peripherally around the tablet, so that the roll of said sheath can be accommodated in each of the successive flutings according as the tablet is worn away from the surface toward which said sheath unrolls.

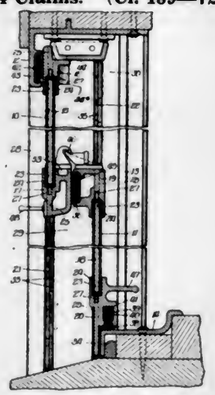
2,132,747
PIPE GRIPPING MEANS FOR ROTARY APPARATUS
R. T. Mobley, Midland, Tex.
Application May 12, 1938, Serial No. 207,629
9 Claims. (Cl. 255—23)

1. In rotary well drilling apparatus including a rotary turntable, a gripping means for a well pipe, tube or stem passing through the table, comprising an elongated flexible element carried spirally about said pipe, tube or stem and having its ends fixed, and means forming a part of said gripping means facilitating the longitudinal movement of said pipe, tube or stem but holding



the same against rotary movement independent of the table.

2,132,748
HOUSE WINDOW
John L. Mohun, Chicago, Ill., assignor to The Adlake Company, Chicago, Ill., a corporation of Illinois
Application July 22, 1936, Serial No. 91,858
14 Claims. (Cl. 189—72)

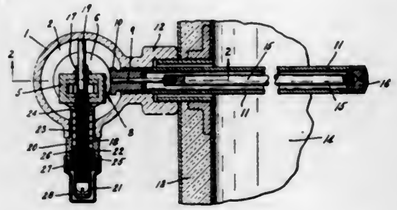


1. In a window, a pane of glass, top and bottom rails secured to the upper and lower edges of the glass and provided with reduced ends of substantially the same thickness as the glass, and stops at the sides of the window provided with slots in which the side edges of the glass and the reduced ends of the rails are positioned for vertical sliding movement.

2,132,749
VALVE RESETTING DEVICE
Clarence H. Morrow, Shaker Heights, Ohio, assignor to The Hotstream Heater Company, Cleveland, Ohio, a corporation of Ohio
Application October 9, 1936, Serial No. 104,806
3 Claims. (Cl. 251—137)

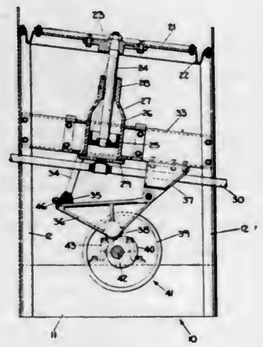
3. In gas valve mechanism, a chambered casing, a valve member mounted therein for movement between open and closed positions, operable means associated with said valve member and adapted when operated to move said valve member to one of said positions, resilient means normally urging said valve member to the other of said positions, a chambered device slidably mounted in said casing and having a closed portion projecting therefrom for manual actuation, a portion of said operable means lying within the chamber of said device so that the manual

actuation thereof effects operation of said operable means, resilient means normally urging said



chambered device to non-actuated position, and gas-sealing packing means arranged between said chambered device and said casing.

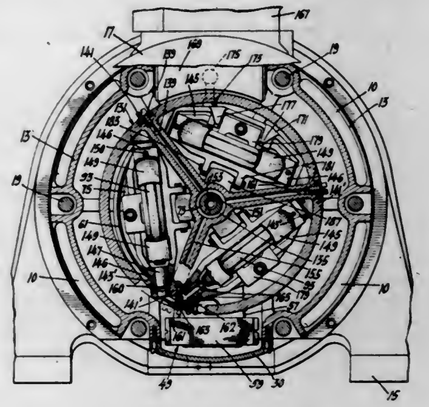
2,132,750
JIG
Ernst F. Muller, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio
Application November 27, 1936, Serial No. 113,029
3 Claims. (Cl. 209—504)



1. In a jig, the combination with a tank adapted to hold water, a screen in said tank, a diaphragm in the bottom of said tank and below said screen, means for reciprocating said diaphragm to cause liquid in said tank to move through said screen cyclically, means for guiding said diaphragm in a parallel motion and for counteracting the downward force of said water on said diaphragm comprising a cylinder, a piston in said cylinder, a piston rod rigidly attached at its top to said diaphragm and attached at its bottom to said piston, a guide for said piston rod, and means for applying a fluid pressure to said piston.

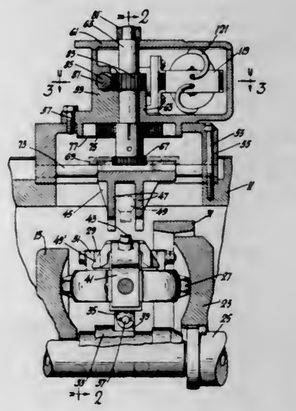
2,132,751
FRICTION TRANSMISSION ROLLER LUBRICATION
William T. Murden, Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application April 15, 1935, Serial No. 16,396
15 Claims. (Cl. 184—6)

1. A transmission of the character described comprising races and a system of rollers arranged to transmit by adhesive contact and means for lubricating said system, comprising means for directing the lubricant circumferentially along



the race engaging surfaces of said rollers to the points of adhesive contact.

2,132,752
CONTROL MECHANISM FOR RATIO-CHANGING TRANSMISSIONS
William T. Murden and Thomas C. Delaval-Crow, Bristol, Conn., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application April 29, 1935, Serial No. 18,723
4 Claims. (Cl. 74—190.5)



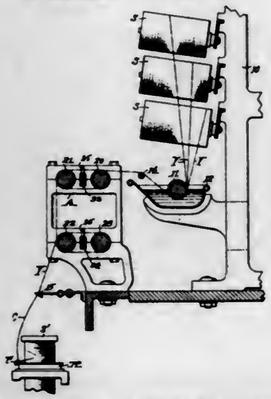
1. Control mechanism for a ratio changing transmission, said mechanism comprising yielding means to bias said transmission toward its low ratio position, electrically responsive means to render said yielding means inoperative, and manually operable means to vary the ratio of said transmission, together with manual resetting means mounted for reciprocation by said yielding means, said manually operable means and resetting means being coaxially arranged, and means to permit reciprocation of the resetting means relatively to the manually operable means but to prevent relative rotation thereof.

2,132,753

YARN AND CORD STRETCHING APPARATUS

Harmon O. Nelson, Whitinsville, Mass., assignor to Whitin Machine Works, Whitinsville, Mass., a corporation of Massachusetts

Application October 26, 1937, Serial No. 171,007
3 Claims. (Cl. 28—57)



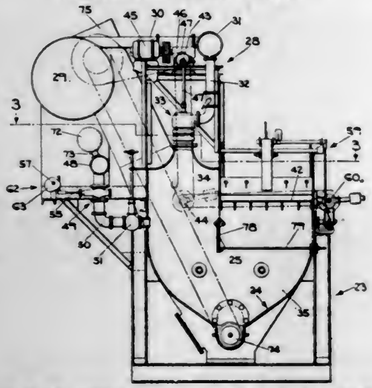
1. Yarn stretching apparatus comprising a pair of coacting yarn-receiving rolls rotated at equal surface speeds on adjacent parallel axes, a pair of coacting yarn-delivery rolls rotated at equal surface speeds on adjacent parallel axes, means to provide a predetermined increase in surface speed of said second pair over said first pair, means to supply unstretched yarn to said first pair, means to receive stretched yarn from said second pair, and means to guide said yarn in a plurality of parallel turns around said first pair of rolls and thereafter in a plurality of parallel turns around said second pair of rolls, said yarn being delivered from said first pair direct to said second pair and being stretched during such delivery.

2,132,754

JIG

Richard D. Nichols, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio

Application January 22, 1936, Serial No. 60,285
Renewed April 5, 1938
6 Claims. (Cl. 209—500)



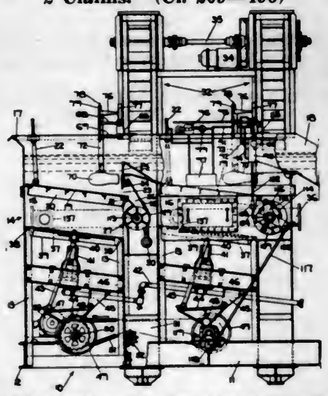
1. In a jig, the combination with a tank adapted to contain a jigging liquid, of means including a screen in said tank over which material is to flow and be cleaned by a jigging operation, cyclically operating means adapted to cause said liquid to move relative to said screen, to provide pulsion and suction periods, means for supplying liquid to said tank to compensate for that which flows therefrom in the jigging operation, and means for cyclically varying the rate of flow of said liquid into said tank in synchronism with said cyclically operating means, said last named means comprising a cyclically operated cam controlling a valve in a liquid supply line leading to said tank and formed to provide a time-liquid inflow curve having a different shape during the pulsion and suction periods.

2,132,755

MATERIAL SEPARATOR

Richard D. Nichols, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio

Application August 18, 1936, Serial No. 96,643
2 Claims. (Cl. 209—496)



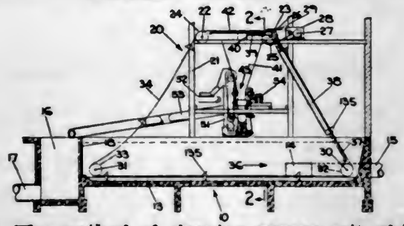
1. In a separator, the combination with a material support, of a totally submerged float, a rotary discharge valve, a reciprocating arm, means for rotating said valve a variable amount upon each reciprocation of said arm including an amount between the maximum and the minimum amounts, said means including a fluid operated rod, a piston controlling said rod, valve means controlling said piston to adjust it to more than two positions, and anti-friction mounted means connecting said float and valve means.

2,132,756

METHOD AND APPARATUS FOR CLEANING SEWAGE GRIT

Richard D. Nichols, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio

Application October 29, 1936, Serial No. 108,246
7 Claims. (Cl. 210—3)



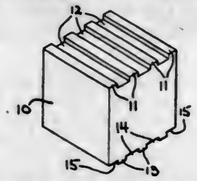
1. The method of cleaning sewage grit which comprises settling grit and organic matter from sewage, collecting and storing the grit and organic matter under conditions favoring the drainage of liquid therefrom, thereafter subjecting the grit and organic matter to a jigging operation to separate and stratify the grit and organic matter separately, and separating the stratified grit from the organic matter.

2,132,757

TOY BUILDING BLOCK

Nils I. Paulson, Chicago, Ill., assignor to Halsam Products Company, Chicago, Ill., a corporation of Illinois

Application October 8, 1936, Serial No. 104,692
2 Claims. (Cl. 46—25)



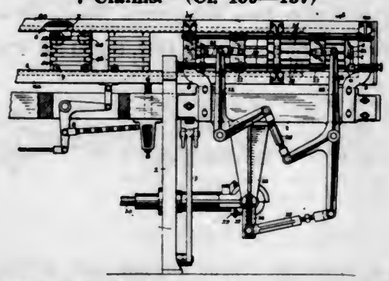
1. A toy building block defined by six faces each rectangular in outline and comprising four side faces extending between two end faces, with each of said side faces of such breadth relative to the breadth of the other side faces as to insure the block having a stable support for building purposes on any one of said four side faces, of the four side faces two oppositely disposed being each provided with a series of alternately arranged ribs and grooves extending from one end face to the other in substantially equally spaced relation to each other transversely, the projections of said ribs and grooves being substantially rectangular, said ribs and grooves being of such relative width as to enable the ribs of one block to interfit with the grooves of another similar block in any one of several laterally adjusted positions of the blocks with respect to each other.

2,132,758

NARROW WARE LOOM

Frank W. Preston, Paterson, N. J.

Application April 26, 1938, Serial No. 204,277
7 Claims. (Cl. 139—137)



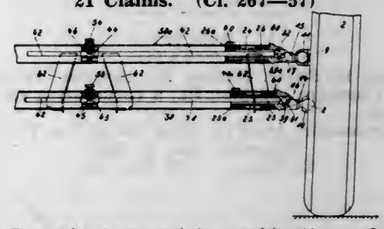
1. The combination, with the main batten structure of a loom of the class set forth, shuttle-reciprocating means including a picker slide movable on said structure horizontally back and forth, and a picker movable on the slide and yieldingly held in inactive but movable to active position thereon, a device having a picker-moving stop and rotatively movable on said structure to and from the position in which its stop will be in the path in which the said picker moves with the slide when the latter moves in one direction.

2,132,759

WHEEL SUPPORTING MEANS

Karl Rabe, Stuttgart, Germany

Application May 7, 1936, Serial No. 78,315
In Germany May 18, 1935
21 Claims. (Cl. 267—57)



1. In a wheel support, in combination, a frame, a wheel, means for supporting said wheel relative to said frame, and torsion bar means interconnecting said wheel and frame and extending transversely of said frame and springing said wheel for transverse movement relative to said frame, said torsion bar means being the sole means for so springing said wheel.

2,132,760

TROLLING SPOON

Andrew Reekers, Portland, Oreg.

Application June 29, 1936, Serial No. 87,837
5 Claims. (Cl. 43—42)



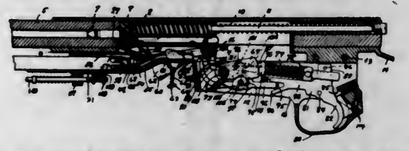
1. A fishing lure comprising a spoon, a bait pivotally and removably secured to the spoon by two hinged connections, a hook pivotally secured to the spoon by two hinged connections, said hinged connections of the bait and the spoon being in vertical alignment with the hinged connections of the hook.

2,132,761

FIREARM

Roy Clifton Robertson, Pocahontas, Miss.

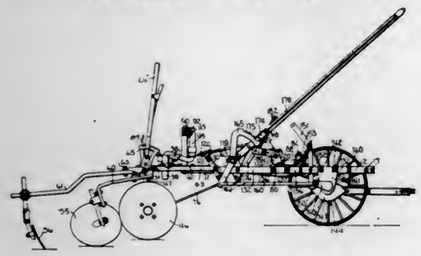
Application March 28, 1935, Serial No. 13,535
6 Claims. (Cl. 42—21)



1. In combination, a gun including a barrel, a breech and a bolt in the breech; an elongated magazine attached to the barrel and extending longitudinally thereof, said magazine being of a width to receive ammunition disposed transversely therein, means for forcing the ammunition in the magazine to the breech end thereof, means at the breech for removing the ammunition singly from the magazine and wheeling the same into firing position in the breech, said breech end of the magazine being provided with ammunition retaining spring fingers, said means for removing the ammunition including a claw

operative between the fingers of the magazine to engage the ammunition, and a bifurcated spring member at the breech end of the magazine for alining the ammunition before it is finally forced into firing position.

2,132,762
CULTIVATOR
Walter H. Silver, Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois
Application April 22, 1936, Serial No. 75,716
Renewed July 3, 1937
42 Claims. (Cl. 97—143)



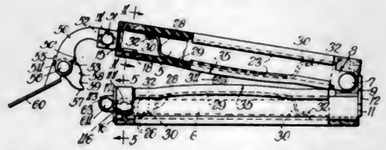
1. A lister cultivator comprising a frame including generally longitudinally extending frame bars, a transverse draft bar secured thereto adjacent the forward ends thereof, two pairs of cultivator units pivotally connected at their forward ends with said draft bar for lateral swinging movement, a transverse stabilizing bar pivotally connected with the units of each pair for maintaining the units in upright position while accommodating their lateral swinging movement, and means supporting the rear ends of said frame bars on said stabilizing bars.

2,132,763
HYPODERMIC SYRINGE
Arthur E. Smith, Los Angeles, Calif.
Application April 3, 1935, Serial No. 14,498
Renewed February 28, 1938
5 Claims. (Cl. 128—218)



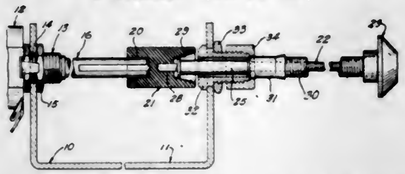
1. An ampule comprising a tubular body, a closure on one end of said body, a piston movable in said body, said closure including a pair of spaced flanges, the inner flange including a portion engaging the inner wall of said ampule, the outer flange engaging the outer wall of said ampule, a groove in said inner flange, a disk fitted in said groove and spaced from the end of the closure to form a chamber and a preparation in said chamber.

2,132,764
HAIR WAVING CLAMP
Bernard A. Sterling, Chicago, Ill.
Application April 15, 1935, Serial No. 16,314
6 Claims. (Cl. 132—36.1)



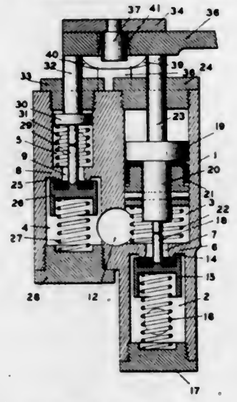
2. In a hair waving clamp, a generally channel-shaped jaw member having a back portion and an open side, a resilient facing member secured to said jaw member and having a hair gripping portion covering the open side of said jaw member, prongs on the inner side of the back portion of said jaw member, and a spring having lugs at its opposite ends adapted to be sprung between and into interlocking engagement with said prongs to hold the spring to said jaw member independently of said resilient facing member, said spring being disposed within said channel-shaped jaw member and confined between the back portion of said jaw member and the hair gripping portion of said facing member for pressing the hair gripping portion of said facing member yieldingly into engagement with the hair when the clamp is applied thereto, said spring being adapted to have continuous engagement with said facing member and free except for engagement with the facing member throughout its entire extent between the engagement of the lugs on the opposite ends of the spring with the prongs on the back portion of said jaw member.

2,132,765
ADJUSTABLE FRICTION TORQUE TRANSMITTING MEANS FOR ELECTRICAL CONTROLS
Erwin R. Stoekle, Milwaukee, Wis., assignor to Globe-Union Inc., Milwaukee, Wis., a corporation of Delaware
Application November 22, 1937, Serial No. 175,799
8 Claims. (Cl. 64—11)



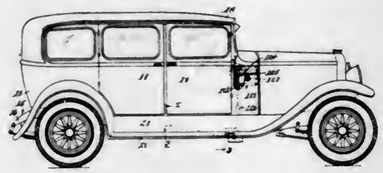
1. A frictional torque limiting and adjustable torque transmitting means comprising a coupling between driving and driven shafts, one end of said coupling having a substantially cylindric socket, one end of one of said shafts being longitudinally slotted with its radially resilient portions intensioned away from each other whereby insertion of said slotted end of said shaft into said socket will cause a spring pressure of the slotted end of said shaft against the interior surface of said socket and thus exert a frictional hold of said shaft in said socket.

2,132,766
HAND CONTROLLED VALVE
Fred H. Stroup, Kirkwood, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a corporation of Delaware
Application March 19, 1937, Serial No. 131,768
7 Claims. (Cl. 277—20)



1. A control valve mechanism comprising a casing having two valves therein, actuating stems for the valves extending to the exterior of the casing, a member operatively associated with said stems, means for mounting said member for rotative movement and for rocking movement in a plane at right angles to its plane of rotation, and means whereby said member may selectively move said stems by either a rotative or a rocking movement.

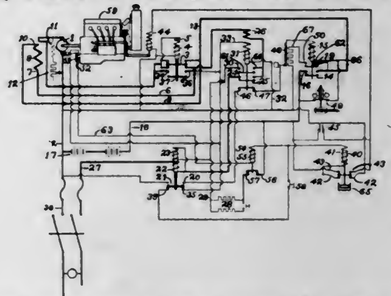
2,132,767
DOOR LOCKING MEANS
Joseph Toren, Chicago, Ill.
Application October 7, 1936, Serial No. 104,370
29 Claims. (Cl. 180—82)



1. The combination with a motor vehicle having a variable speed transmission and gear shift lever, of automatic door locking means comprising a locking member, a source of power for operating said locking member, and means for interconnecting said power source and said locking member, said means being operatively connected to and controlled by said gear shift lever.

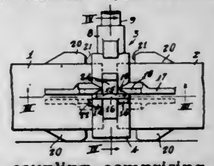
2,132,768
PRIME MOVER DYNAMO PLANT
Joseph Valderrame Gil, Esher, England
Application September 17, 1937, Serial No. 164,301
In Great Britain October 10, 1936
7 Claims. (Cl. 290—30)

1. A prime mover dynamo plant comprising a generator, a prime mover of the compression ignition type, electrically energized relay means for shutting off the fuel supply to the prime mover and delay acting means for returning said relay means to its original position, the delay



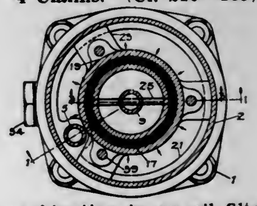
period being longer than required for the prime mover to stop completely.

2,132,769
PIPE LINE STRUCTURE
John W. Wallis, Los Angeles, Calif.
Application December 28, 1936, Serial No. 117,773
16 Claims. (Cl. 285—195)



1. A pipe coupling comprising the combination with two pipes to be coupled of a ring dimensioned to fit loosely about and overlap the end of at least one of the pipes, means for securing the ring to the other pipe, resilient means within said ring for sealing about the end of said one pipe and means for securing said one pipe against separating movement with respect to said ring comprising a pair of interlocking members one rigidly attached to said ring and the other rigidly attached to said pipe, and one of the members comprising a pin extending radially with respect to the axis of the pipe and ring and having a substantially cylindrical surface, and the other member comprising a hook having a substantially cylindrical seat engaging the cylindrical surface of the pin when the members are in seating relation, said hook being adapted to be engaged with said pin in response to movement of the end of the pipe into the ring with the hook member out of alinement with the pin and subsequent rotation of the pipe within the ring to aline the hook with the pin.

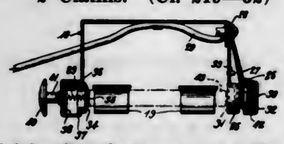
2,132,770
OIL FILTERING MEANS
Russell A. Weidenbacker, Haverford, Pa.
Application December 31, 1935, Serial No. 56,917
4 Claims. (Cl. 210—169)



4. The combination in an oil filter of a plurality of rollers having precise interspaces, with

end plates having spaced annular ribs for retaining the ends of the rollers therebetween in functioning relationship and movable therein at all times so as to dislodge obstructions and connecting rods between the end plates, shouldered for spacing said plates apart and means thereon provided for locking said plates in position.

2,132,771
CIGARETTE LIGHTER
Louis V. Aronson, Newark, N. J., assignor to Art Metal Works, Inc., Newark, N. J., a corporation of New Jersey
Application November 24, 1936, Serial No. 112,582
2 Claims. (Cl. 219—32)



1. A lighter for cigarettes comprising, in combination: a support; a supporting cradle carried by said support; stop means rigidly carried by the support at one end of the cradle and having an opening; spring supported, electrical ignition means located adjacent the remaining end of the cradle and movable against an end of a cigarette thereon to press the cigarette against said stop means at said opening; contact means in the path of movement of said ignition means; manually operated means to force air through said opening and the cigarette; and reciprocable means to actuate said air forcing means operating substantially in the axis of movement of ignition means whereby one thereof may be actuated by a thumb and the other thereof by a finger of a single hand.

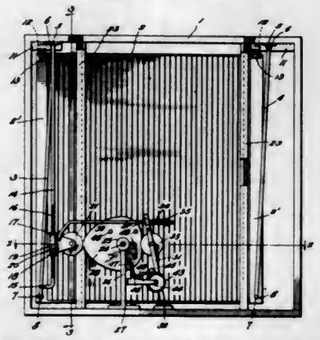
2,132,772
PROGRESSIVE HOBBYHORSE
Claud Banks, Canton, Ohio
Application January 12, 1937, Serial No. 120,311
Renewed July 14, 1938
2 Claims. (Cl. 272—53)



1. In a rocking horse, a pair of rockers, a horse simulating figure mounted on said rockers, a pair of members hinged at one end to the belly of the horse at opposite sides of the latter and substantially midway between the front and rear ends of the horse, guide members mounted on the rockers rearwardly of the vertical center line of the horse, and tread members secured at one end to said hinged members and working in said guides for causing progressive movement of the horse incidental to the rocking thereof said tread members comprising a shank portion inserted through the guide and having a hook-shaped ground engaging lower end, said guide restraining the tread members within a predetermined range of movement.

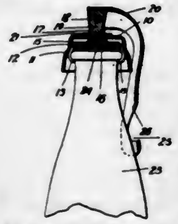
2,132,773
WITHDRAWN

2,132,774
X-RAY APPARATUS
Howard J. Brown, Cawker City, Kans.
Application October 16, 1937, Serial No. 169,495
8 Claims. (Cl. 250—34)



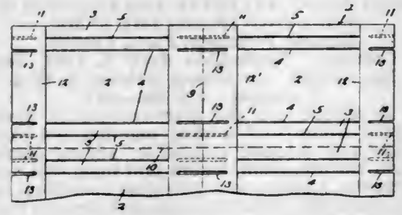
1. In an X-ray apparatus, a frame, a grid disposed vertically in said frame, hangers disposed vertically and having their upper ends pivoted to the frame and their lower ends pivotally connected with the grid and serving to mount the grid for reciprocating movement transversely of the frame, tracks carried by said frame and extending transversely of the frame and the grid, members carried by said grid and engaging said tracks to guide the grid during transverse movement thereof, and means for imparting reciprocating movement to the grid.

2,132,775
CLOSURE FOR SEALING BOTTLES AND LIKE RECEPTACLES
Fernando Casablancas, Sabadell, Spain
Application August 26, 1936, Serial No. 98,032
In Spain August 30, 1935
4 Claims. (Cl. 215—45)



1. A closure for a container having a flanged opening, comprising an elastic grasping member having an upper portion and depending lugs, a cap over said member having upwardly tapering side walls and an opening in the top, a rod extending from said member through the opening in said cap, means for securing said rod to said member, and cam means at the free end of said rod for urging the cap downwardly toward the member whereby the tapering side walls move the lugs inwardly to engage the flange of the container.

2,132,776
PAPER BOX, LID, OR THE LIKE
Clarence Lloyd Claff, Randolph, Mass.
Application October 6, 1936, Serial No. 104,313
5 Claims. (Cl. 229—34)



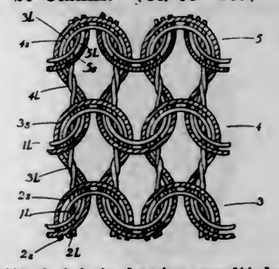
1. A blank for use in the formation of a box or lid including a bottom portion, foldable side walls, wings constituting continuations of the side walls and foldable therewith, and end folds between the wings and spaced therefrom, all of the walls, wings, end folds, and bottom portion being formed in a single piece of box-board material there being slits dividing the wings longitudinally, and adhesive tapes of reenforcing material affixed to one surface of the blank for covering the end folds and wings and the adjacent portions of the side walls and bottom, said tapes being extended across said slits to provide unbroken reenforcements at the slits.

2,132,777
MECHANICAL PENCIL
Albert D. Claggett, Denver, Colo.
Application June 27, 1935, Serial No. 28,750
10 Claims. (Cl. 120—18)



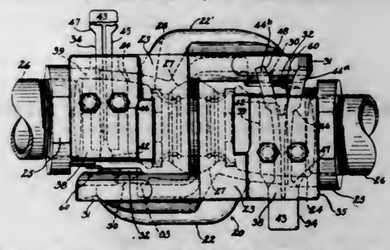
1. A mechanical pencil comprising a barrel acting as a magazine for the storage of leads, a tip secured to one end of said barrel and a revolving cap frictionally held to the other end of said barrel, said cap having a driving finger, a guide tube secured to said tip and extending axially through said barrel, a longitudinal slot in said guide tube, a clutch sleeve slidable in said guide tube and an expeller rod slidable in said clutch sleeve, an actuating screw having a driven element and mounted for rotation on said guide tube through engagement with the driving finger on said cap and having means for engaging said clutch sleeve and said expeller rod and moving them in unison for placing a lead in writing position in said tip.

2,132,778
KNITTED FABRIC AND THE PRODUCTION THEREOF
Alfred Reymes Cole, Mountsorrel, England
Application November 8, 1935, Serial No. 48,913
In Great Britain November 8, 1934
20 Claims. (Cl. 66—169)



1. A knitted fabric having multiple or compound loops of plain or normal form, each comprising component loops that are of different lengths, the bights of which loops coincide with each other, are formed by different threads, and extend from different courses.

2,132,779
COUPLING AND LOCK
George T. Cooke, South Norwalk, Conn., assignor to American Railway Products Company, Inc., South Norwalk, Conn., a corporation of New York
Application June 12, 1936, Serial No. 84,864
9 Claims. (Cl. 285—68)



1. In a coupling head the combination of a body having a main connection and a projecting arm, adapted to be connected to a mating coupling head with a projecting arm; an integral housing on the body having an integral top and integral side walls with a flaring channel extending therealong; a one piece expansible locking member longitudinally reciprocable in the channel, having retracted and advanced positions therein, said channel so constructed that the locking member may be longitudinally inserted into said channel from the smaller end thereof, and means adjacent to the opposite end of the channel for expanding the locking member when the locking member is in advanced position to overlie the projecting arm on the mating coupling head and thereby lock the heads relative to each other.

2,132,780
RACKET FRAME
Theophilus A. Davis, Los Angeles, Calif.
Application August 5, 1933, Serial No. 683,781
2 Claims. (Cl. 273—73)

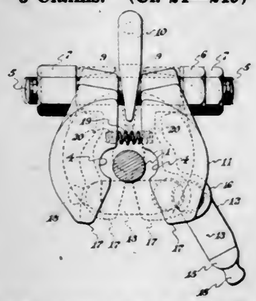
1. In a tennis racket having an oval head and a handle, a frame comprising a plurality of relatively thick plies of wood extending in oval forma-

tion to form the head and converging toward a throat and thence extending beyond the throat to form the handle, said plies lying in planes normal to the plane of the head and the grain of said plies running longitudinally of the plies, and a relatively thin ply of wood lying between two adjacent thick plies, extending around the head, lying likewise in a plane normal to the plane of



the head, intimately adhered to both the immediately adjacent thick plies, and having its grain running across its width and substantially at right angles to its length, so that the cross grain of the relatively thin ply ties the longitudinal grain of the thicker plies together in a directly transverse direction to prevent splitting of the longitudinal grain.

2,132,781
POLISHED ROD GRIP
Charles L. Deckard, Tulsa, Okla.
Application June 12, 1937, Serial No. 147,824
3 Claims. (Cl. 24—249)

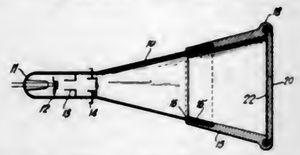


1. A rod grip comprising a pair of rod gripping members having rod receiving channels therein adapted to receive opposite sides of a rod, a connection between said gripping members at one side thereof, said connection comprising bolts extending through transversely elongated apertures in the gripping members, spaced heads carried by the bolts, said heads being spaced at a distance from each other a distance greater than the combined thickness of the portions of the gripping members through which they pass, whereby the gripping members may rockably move to open and closed positions, said bolts forming means whereby the connected ends of the gripping members may be adjusted in relation to each other, spring means interposed between the gripping members and located between the bolts and the channels of the gripping members, and gate means connecting the opposite sides of the gripping members.

2,132,782
NEW PLASTIC MATERIAL AND PROCESS FOR MANUFACTURING THE SAME
Auguste Fernbach, Paris, France
No Drawing. Application April 6, 1937, Serial No. 135,355. In France October 2, 1936
10 Claims. (Cl. 106—30)

1. A process for the manufacture of plastic material comprising mixing together potassium silicate and calcium carbonate, adding thereto sodium silicate, rosin, kaolin and magnesia, subjecting the mixture to a kneading operation, and during kneading converting the silicate into highly dispersed jelly form by adding a diluted acid thereto, adding casein to the mixture, adding formaldehyde to give to the casein the form of a solid jelly and thereafter incorporating a cellulosic material in the mixture.

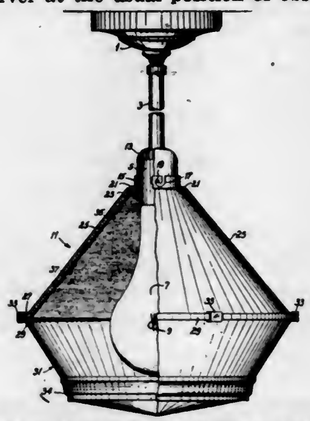
2,132,783
ELECTRON DISCHARGE DEVICE
Peter C. Goldmark, Brooklyn, N. Y., assignor to Markia Corporation, New York, N. Y., a corporation of New York
Application April 24, 1936, Serial No. 76,112
4 Claims. (Cl. 250—27.5)



4. In a vacuum cathode ray tube, in combination, an envelope member having a metallic tubular portion provided with a supporting shoulder at the window end and an axially projecting annular ring around said shoulder, a vitreous window member supported on said shoulder, said window member being smaller than the ring, whereby the window member may be readily positioned on said shoulder, the ring and the edge of the window member being so shaped as to provide an annular space therebetween at least part of which decreases in cross-section toward the said shoulder, and a sealing substance in said annular space adapted to hermetically seal the window member to the metallic tubular portion.

2,132,784
LIGHTING FIXTURE
Edwin F. Guth, Webster Groves, Mo.
Application May 13, 1937, Serial No. 142,384
2 Claims. (Cl. 240—93)

2. An enclosed indirect electric illuminating fixture comprising an electric light bulb providing light rays, reflector means surrounding the lower part of said bulb and obscuring the filament thereof from direct view at a usual position of observation, and reflecting light from said bulb upwardly, and glass means surrounding the remaining, upper part of said bulb, said glass means having a surface provided with a multiplicity of minute curved-surface concavities, arranged in a pattern with minute sharp ridges surrounding the concavities and forming a network of ridges, the concavities being so closely spaced that substantially no surface except that of the ridges is presented between adjacent concavities, said concavities being of such size and shape that the apparent surface brightness of said glass means to an observer at the usual position of observation



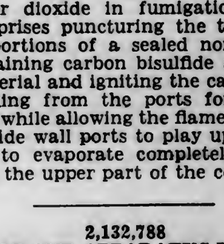
is low and uniform over the entire surface of said means, said glass means nevertheless transmitting substantially all of the light reaching it from said bulb.

2,132,785
DISPLAY STAND
Forrest William Hill, Southgate, Calif., assignor to Fibreboard Products, Inc., San Francisco, Calif., a corporation of Delaware
Application May 24, 1937, Serial No. 144,323
11 Claims. (Cl. 211—135)

1. A display stand comprising a sheet of fibrous material having score lines defining a plurality of panels, one edge of the sheet being secured to the opposite edge for producing a tubular body collapsible along selected score lines, flaps cut in the panels at points intermediate their ends and folded to form legs connecting the end portions of the panels, and means for holding the body in extended position.

2,132,786
PROCESS OF FUMIGATION
George L. Hockenyos, Springfield, Ill., assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
Application December 19, 1934, Serial No. 758,236
4 Claims. (Cl. 21—58)

1. The method which comprises burning CS_2 in such close proximity to supercooled CO_2 that the heat of the resultant exothermic production of SO_2 will serve to vaporize the said supercooled



CO_2 and mix therewith, thereby producing an essentially non-corrosive fumigating mixture of SO_2 and CO_2.

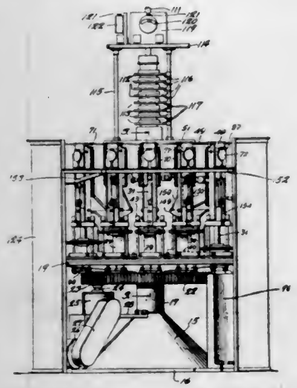
2,132,787
METHOD AND DEVICE FOR EFFECTING FUMIGATION
George L. Hockenyos, Springfield, Ill., assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
Application April 12, 1935, Serial No. 15,945
2 Claims. (Cl. 21—58)

1. A method of burning carbon bisulfide to form sulfur dioxide in fumigation operations which comprises puncturing the top and lower side wall portions of a sealed non-combustible vessel containing carbon bisulfide absorbed in a porous material and igniting the carbon bisulfide vapors issuing from the ports formed by said puncturing while allowing the flames issuing from the lower side wall ports to play upwardly along the vessel to evaporate completely the carbon bisulfide in the upper part of the container.

2,132,788
METHOD OF AND APPARATUS FOR MAKING RUBBER HEELS AND THE LIKE
Ray R. Hunt, Mishawaka, Ind., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind., a corporation of Indiana
Application December 30, 1935, Serial No. 56,629
10 Claims. (Cl. 18—20)

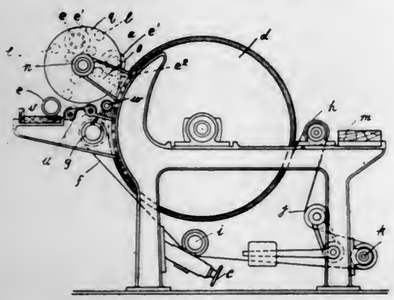
2. The method of making molded articles which comprises shaping moldable material in a mold, then relatively moving the molded material and

selected parts of the mold to free the article from the mold at one side and operating parts of the



mold at the other side to trim off surplus material from the article at the latter side.

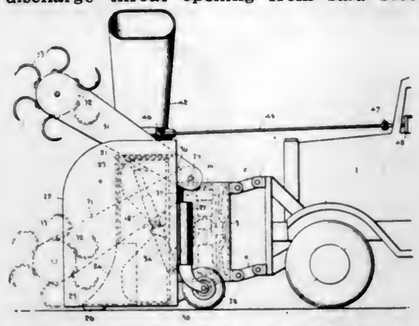
2,132,789
WEB REELING-OFF MACHINE
John Inglis, Rutherglen, Glasgow, Scotland, assignor to Clyde Paper Company Limited, Rutherglen, Glasgow, Scotland
Application January 15, 1937, Serial No. 120,660
In Great Britain August 10, 1936
9 Claims. (Cl. 242—55)



1. In a reeling-off machine for reels of web including a reeling-off drum; a reel-carrying head and bearing means in which said head is revolvable, said head comprising two end plates and a plurality of rods extending between said end plates and disposed so as to form a plurality of angularly spaced open pockets.

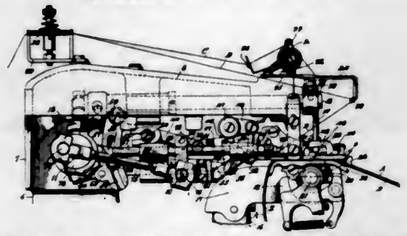
2,132,790
APPARATUS FOR SNOW REMOVAL
Adolph M. Jeswine, Helena, Mont.
Application January 13, 1937, Serial No. 120,454
3 Claims. (Cl. 37—43)

1. In an apparatus for snow removal, the combination of a housing; a prime mover in said housing having a driven shaft; a second housing mounted upon the front of the first housing and into which the said shaft projects; a hub rotatable upon the said shaft in said second housing; a plurality of scoops mounted upon said hub and projecting forwardly therefrom to form a rotor; gearing connecting said shaft and said rotor; and a discharge throat opening from said second



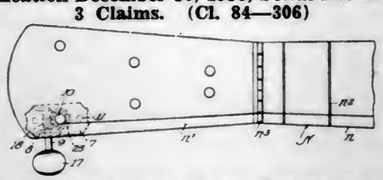
housing and disposed tangentially relative to said rotor.

2,132,791
BLIND STITCH SEWING MACHINE
Ralph Simpson Kelso, St. Louis, Mo., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo., a corporation of Maine
Application January 4, 1936, Serial No. 57,613
22 Claims. (Cl. 112—176)



1. In a sewing machine stitch forming mechanism, the combination with a feeding mechanism, of a threaded needle mounted for reciprocations across the line of feed, and a threaded looper mounted for reciprocations in a single straight line in the line of feed for cooperation with the needle, the looper passing above the needle in both strokes of each reciprocation.

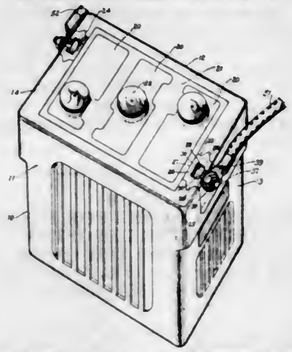
2,132,792
TUNING HEAD FOR STRINGED INSTRUMENTS
John E. Kluson, Chicago, Ill.
Application December 30, 1936, Serial No. 118,319
3 Claims. (Cl. 84—306)



1. As a new article of manufacture, a tuning head for the neck of a stringed instrument, comprising a mounting plate, a pair of laterally spaced separately formed comparatively thin plate metal brackets mounted fixedly and in edgewise manner on the plate and having aligned bearing-forming holes therein, a shaft journaled in the holes and having a turning key at one end thereof and a worm mounted on said shaft and positioned between and abutting against the

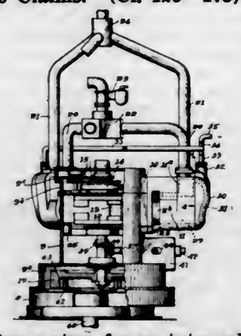
brackets, a string winding spindle extending at right angles to the shaft and having mounted thereon a worm wheel in meshing relation with the said worm whereby it is connected to be rotated by the shaft, and wings engaging said plate and connected to the ends of the brackets and extending angularly and outwardly in opposite directions with respect to said worm for preventing outward bending or deflection of said brackets as the result of end thrust of the worm when the shaft is turned by manipulation of the key for spindle rotating purposes.

2,132,793
STORAGE BATTERY CONSTRUCTION
George L. Kyle, Niagara Falls, N. Y., assignor to USL Battery Corporation, Niagara Falls, N. Y., a corporation of New York
Application June 13, 1934, Serial No. 730,393
4 Claims. (Cl. 136—135)



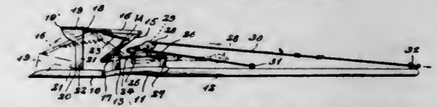
1. In a battery case, a terminal connector molded in the wall of the case having two faces exposed and flush with the top and outside surface of the wall, the two exposed faces of the connector being recessed to form a clamping seat for an external circuit connection.

2,132,794
INTERNAL COMBUSTION ENGINE
John W. MacClatchie, Los Angeles, Calif.
Original application August 19, 1933, Serial No. 685,931. Divided and this application September 7, 1935, Serial No. 39,565
5 Claims. (Cl. 123—173)



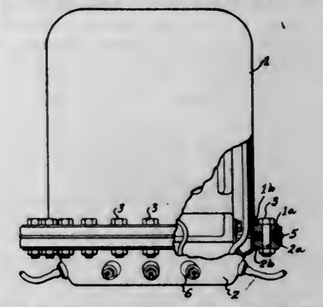
1. A cooling system for an internal combustion engine having an annular bank of radially disposed cylinders, said system embodying a cooling liquid jacket for each cylinder, an annular cooling liquid supply chamber at one side of said bank of cylinders, said annular supply chamber being substantially concentric with said cylinder bank but of smaller diameter than the outside diameter of the said bank, each cylinder jacket having a cooling liquid inlet thereto at the side thereof adjacent said annular supply chamber, a separate supply connection from said annular chamber to said jacket inlets respectively, the jackets being closed against liquid supply thereto except through their separate inlets, each cylinder jacket having an outlet therefrom at the opposite side of the cylinder from the liquid inlet, an outlet liquid manifold at the same side of said cylinder bank as said jacket outlets, and an outlet liquid connection from each cylinder jacket outlet to said outlet manifold.

2,132,795
CULVERT CLEANER AND POST HOLE DIGGER
William Minier, Milo Township, Bureau County, Ill.
Application May 24, 1938, Serial No. 209,855
3 Claims. (Cl. 294—53)



1. In a device of the character described, a shovel having a handle, a pair of upstanding ears on the handle, an ear on the longitudinal edges of the shovel, a semi-circular blade swingably mounted between the ears of the shovel, said blade normally extending at right angles to the shovel, with its cutting edge presented in the same plane as the point of the shovel, a lever pivotally connected to a rear portion of the blade, a lever pivotally mounted intermediate its length between the ears of the handle one end having pivotal connection with the first named lever, a further ear on the handle, a link pivoted thereto, an adjustable lever pivoted to the link intermediate its length, said adjustable lever having pivotal connection with the other end of the second named lever, and cable means for imparting motion to the link.

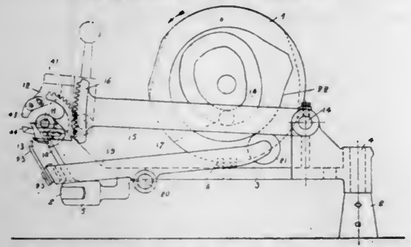
2,132,796
CASING CONSTRUCTION
Roland H. Money, Cincinnati, Ohio, assignor to The Crosley Radio Corporation, Cincinnati, Ohio, a corporation of Ohio
Application February 13, 1936, Serial No. 63,765
7 Claims. (Cl. 29—148.2)



4. A method of making casing shells which comprises the steps of forming a metal shell with a flange having a face adapted to come into face-to-face contact with a similar face on

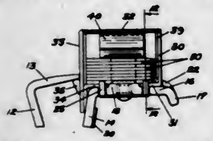
another shell, locating a heavy metal stiffening ring against the opposite face of said flange, and turning over against said ring an edge of said flange so that said ring is set in a channel shaped configuration of the metal of said shell, in which it has a press fit, and then while said ring is in place on said flange, engaging the first mentioned face of said flange with a grooved die and pressing said flange and ring together under heavy pressure so as to conform said flange to said ring and form in said flange face small grooves and ridges adapted to enhance a gasket sealing, and perforating concurrently said flange and said ring.

2,132,797
MACHINE FOR STITCHING SHOES
André Gabriel Mousset, St.-Mande, France
Application March 28, 1936, Serial No. 71,490
In France April 8, 1935
14 Claims. (Cl. 112—35)



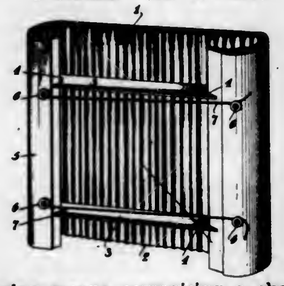
1. A shoe stitching machine comprising in combination a frame, a cam plate adapted to rotate on said frame, a presser-foot mounted on said frame, means actuated by the said cam plate for controlling said presser-foot, a feed lever pivotally mounted on said frame, means actuated by said cam plate for controlling said feed lever, an awl lever pivotally mounted on said feed lever, means actuated by said cam plate for controlling said awl lever, a segmental awl mounted in said feed lever and adapted to pierce a hole in the work, means operative when said awl is in the work to displace said awl and said work laterally by the length of one stitch, a segmental needle rotatably mounted on said frame, means actuated by the said cam plate for controlling said needle, a looper pivotally mounted on said frame, and means actuated by the said cam plate for controlling said looper.

2,132,798
BLADE MAGAZINE AND RAZOR
Joseph Muros, Cambridge, Mass., assignor to Gillette Safety Razor Company, Boston, Mass., a corporation of Delaware
Application December 24, 1937, Serial No. 181,526
13 Claims. (Cl. 30—40)



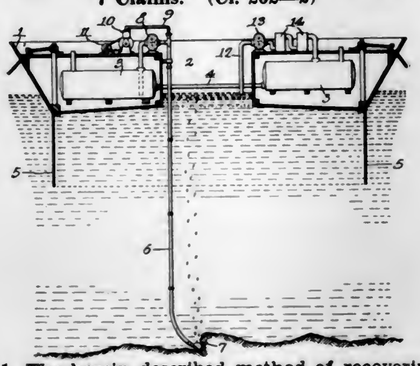
1. The combination with a razor having a blade seat with a longitudinal rib therein, of a blade magazine shaped to contain a stack of blades and having a bottom comprising spaced flanges arranged normally to expose the lowermost blade of a complete stack in the magazine and to fit upon the rib of the blade seat.

2,132,799
DISPLAY SUPPORT
Richard G. Ostrander, New York, N. Y.
Application January 7, 1938, Serial No. 183,780
4 Claims. (Cl. 40—126)



1. Display means comprising a sheet of stiff resilient material, a transverse brace member placed at the back thereof, said sheet being contoured about said brace to constitute a support, a display sheet placed against the front of said support, said brace including means adjacent its extremities to receive the ends of said support and display sheet and to localize said brace relatively to said support.

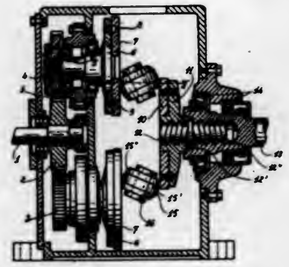
2,132,800
METHOD OF AND MEANS FOR RECOVERING SUBMARINE DEPOSITS
Harry A. Payton, San Luis Obispo, Calif.
Application January 6, 1938, Serial No. 183,700
7 Claims. (Cl. 262—2)



1. The herein described method of recovering submarine deposits which includes the step of directing an oil spray under pressure against sand containing mineral values, thereby to agitate the sand and expose the values for encasement by oil globules rising to the surface of the water.

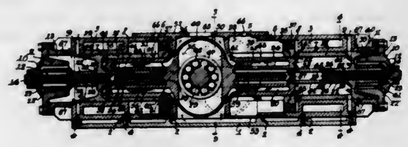
2,132,801
VARIABLE SPEED GEARING
Felix Perruca, Saint-Etienne, France, assignor to Société à responsabilité limitée "La Filière Unicum", Paris, France, a French company
Application April 5, 1937, Serial No. 135,177
In France April 9, 1936
2 Claims. (Cl. 74—200)

1. A variable transmission comprising two spaced discs having parallel but non-coincident geometrical axes; and a bi-conical roller having two opposed conical faces in frictional engagement respectively with said discs, said conical faces being of reduced width and separated from one another by an inactive portion of such a width that the centers of the lines of contact



of the said roller with the said discs are substantially on the same perpendicular to the faces of the said discs.

2,132,802
INTERNAL COMBUSTION ENGINE
Jefferson F. Pierce, Tampa, Fla.
Application July 21, 1937, Serial No. 154869
3 Claims. (Cl. 123—33)



3. An internal combustion engine including a cylinder, a cylinder head, a fuel and air injection stem carried by the head, an outer piston, a tubular stem carried thereby and slidably mounted on the injection stem, said tubular stem having outlet ports, an inner piston having a bore in which the tubular stem is mounted to work, an apertured plunger in the bore, a shaft, means operated by the pistons when moved in opposite directions respectively for rotating the shaft, cooperating interfitting means on the cylinder head and piston for effecting initial air compression, cooperating means carried by the stems for directing the initially compressed air into the tubular stem and bore, and means for forcing fuel into the injection stem for delivery into the outlet ports in the tubular stem when opened, said tubular stem cooperating with the bore, plunger and injection stem to subject the air in the tubular stem to added compression and said tubular and injection stems cooperating to open the ports in the tubular stem upon the completion of said added compression to release the air in jets into the space between the pistons and to release the fuel into the jets.

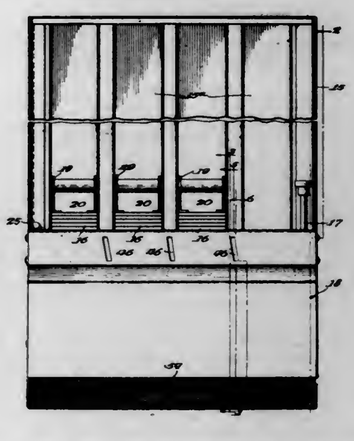
2,132,803
CHAIN
David Ley Raitt, London, England
Application February 9, 1937, Serial No. 124,897
In Great Britain February 14, 1936
3 Claims. (Cl. 59—80)

1. A chain comprising a plurality of tubular elements, and links connecting each tubular element at each end to adjacent tubular elements, alternate links being arranged to pivot about



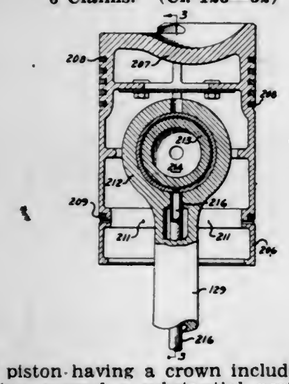
parallel axes and adjacent links being arranged to pivot about perpendicular axes.

2,132,804
VENDING MACHINE
Myron H. Richardson, Chicago, and Albert E. Gebert, Wilmette, Ill., assignors to Advance Machine Co., Chicago, Ill., a corporation of Illinois
Application October 10, 1935, Serial No. 44,408
7 Claims. (Cl. 194—88)



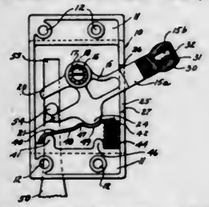
1. In a vending machine, an ejector, check controlled mechanism embodying an oscillatable check carrier provided with a plurality of check receivers, a check inlet with which one of said receivers has communication, a check discharge outlet with which the other of said receivers has communication, means for oscillating said carrier, means for positioning a proper check with respect to one of said receivers to be delivered thereinto for actuating the said ejector, and means operating to direct an inserted magnetic check from said position to the other of said receivers to be delivered through said outlet upon actuation of the check carrier and without actuating said ejector.

2,132,805
PISTON
Carl G. A. Rosén, Oakland, Calif., assignor to Caterpillar Tractor Co., San Leandro, Calif., a corporation of California
Original application August 8, 1933, Serial No. 684,179. Divided and this application October 11, 1937, Serial No. 168,430
6 Claims. (Cl. 123—32)



1. A piston having a crown including a ledge extending around a substantial portion of the circumference thereof and terminating in end walls, the remaining portion of the circumference of said crown being flat and lower than said ledge, said circumferential portions encompassing a depression having the contour of a portion of a sphere.

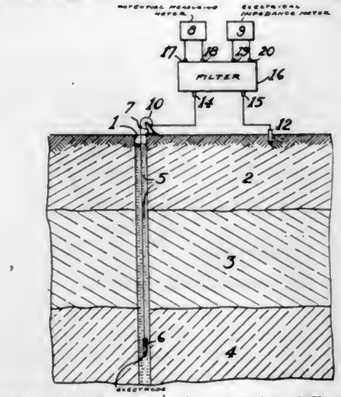
2,132,806
SPRING LATCH
Leonard Ruegg, Inglewood, Calif.
Application March 22, 1937, Serial No. 132,231
2 Claims. (Cl. 292—332)



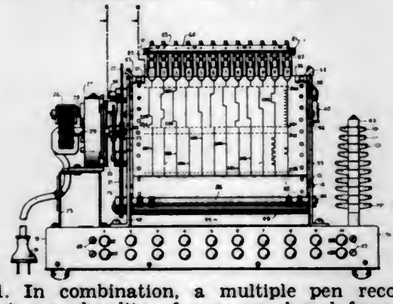
1. In a latch device having a body, a latch bolt, a pivot member connecting said bolt between its ends to the body, a bolt actuating member operatively associated with one end of the bolt, and means for yieldably holding the bolt in a predetermined position, including: a lug on the side of the bolt substantially opposite said pivot member, a leaf spring bearing against the lug and a coil spring bearing against one end of the leaf spring to urge it against the lug.

2,132,807
SINGLE CABLE ELECTRICAL WELL-LOGGING
William M. Rust, Jr., and Whitman D. Mounce, Houston, Tex., assignors to Standard Oil Development Company, a corporation of Delaware
Application June 25, 1936, Serial No. 87,235
6 Claims. (Cl. 175—182)

1. Apparatus for logging a well, which comprises a single electrode suspended by a single conductor cable in a well, a second electrode grounded at the surface of the earth, means for passing an alternating current through the earth strata adjoining the well between the electrodes, and means for measuring simultaneously and independently the natural potential difference and electrical impedance of the earth's strata between the electrodes.



2,132,808
TRAFFIC OBSERVING AND RECORDING APPARATUS
Arthur T. Sigo, Maywood, Ill., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application January 2, 1934, Serial No. 704,851
37 Claims. (Cl. 179—175.2)



1. In combination, a multiple pen recorder having a plurality of pens numbered from one to ten, another pen, means for feeding paper along in contact with said pens, means for selectively operating the pens of said plurality to record any digit from one to ten relating to a first group of devices, means for selectively operating the said pens to record any digit from one to ten relating to a second group of devices, and means for operating the said other pen also when the second record is made in order to distinguish the group to which the record relates.

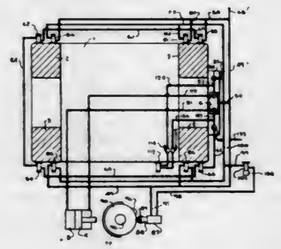
2,132,809
OXIDATION PRODUCTS OF RUBBER
Henry Potter Stevens and Frederick James William Popham, London Bridge, England, assignors, by mesne assignments, to The British Rubber Producers' Research Association, London, England
No Drawing. Application May 20, 1936, Serial No. 80,909. In Great Britain December 24, 1935
8 Claims. (Cl. 18—50)

7. A process for the preparation of rubber derivatives according to claim 2 wherein the different rubber derivatives are subsequently segregated by extraction from the worked mixture with different solvents such as white spirit, acetone, and alcohol.

2,132,810
PROCESS FOR THE MANUFACTURE OF COLORED PLASTIC MASSES
Fritz Straub and Hans Mayer, Basel, Switzerland, assignors to firm of Society of Chemical Industry in Basle, Basel, Switzerland
No Drawing. Application August 5, 1935, Serial No. 34,858. In Switzerland August 13, 1934
2 Claims. (Cl. 134—79)

1. A fast-colored composition of matter consisting of a nitrocellulose lacquer and a complex metal compound of an unsulfonated arylmethane dyestuff which is sparingly soluble to insoluble in lacquer solvents.

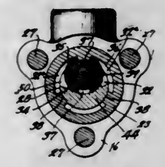
2,132,811
SAFETY CONTROL SYSTEM
Harold A. Tomkins and Loyd A. Ward, Jackson, Mich., assignors to The Tomkins-Johnson Company, Jackson, Mich., a corporation of Michigan
Application June 19, 1936, Serial No. 86,106
9 Claims. (Cl. 192—131)



1. A system of the character described comprising mechanism to start and stop a machine, means including a plurality of manually operable means to operate said mechanism for starting the machine, connections between said means and said mechanism requiring simultaneous operation of said manually operable means to operate said mechanism for starting said mechanism, means including a plurality of manually operable means to operate said mechanism for stopping the machine, and connections between said last named means and said mechanism requiring the operation of only one of said named manually operable means to operate said mechanism for stopping said machine.

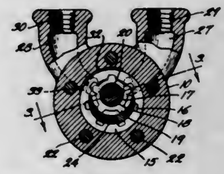
2,132,812
ROTARY ENGINE
Gunnar A. Wahlmark, Rockford, Ill.
Application April 28, 1933, Serial No. 668,315
Renewed April 21, 1938
3 Claims. (Cl. 103—143)

1. A rotary engine having, in combination, a ring type member having inwardly extending splines and uninterrupted cylindrical surfaces intermediate said splines, said splines having cylindrical end surfaces and straight side faces inclined inwardly from the base to the top of the splines, a rotor and a roller carried eccentrically on said rotor and having grooves for meshing with said splines and uninterrupted cylindrical surfaces intermediate said grooves, said grooves having cylindrical bottom surfaces and straight substantially parallel side faces, the splines being received within said grooves so that when the roller is rolled around the inner



periphery of said ring, the bottoms of said grooves roll on the ends of the splines and engage with the ends of the splines and remain in engagement therewith during the time that the contacts between the trailing uninterrupted cylindrical surfaces are transferred to the leading uninterrupted cylindrical surfaces so as to obtain a full 360° rolling contact seal.

2,132,813
ROTARY ENGINE
Gunnar A. Wahlmark, Rockford, Ill.
Application June 10, 1933, Serial No. 675,218
Renewed March 1, 1938
9 Claims. (Cl. 103—126)



1. A pump comprising, in combination, a casing having a cylindrical chamber therein, and inlet and exhaust ports communicating with said chamber, a ring type rotor rotatably mounted in said chamber and having a plurality of peripherally spaced transversely extending straight recesses on its inner surface, a drive shaft rotatably mounted in said casing eccentrically of said chamber, a roller fixed on said shaft to rotate therewith and having a plurality of splines adapted to mesh with said recesses, the tops of the splines and the intermediate portions of the roller being formed to have a rolling contact with the inner periphery of said ring, a stationary segmental guard intermediate the disengaged portions of the ring and roller, said casing having an arcuate recess in the peripheral wall of said chamber adjacent the exhaust port and extending a predetermined distance beyond the sealing zone of the roller toward the instake port, and a port connecting said recess with the exhaust port so as to admit fluid under pressure against the outer periphery of said ring to counteract the pressure of the fluid internally of the ring and maintain a predetermined rolling contact pressure between the parts.

2,132,814
PLAITED PACKING RING
Harley T. Wheeler, Dallas, Tex.
Application July 30, 1934, Serial No. 737,579
8 Claims. (Cl. 288—1)

1. A sealing ring of the character described

including, an annular strip of absorbent material folded into approximately equal folds, said ring being divided transversely to enable the same to be inserted about a cylindrical member,



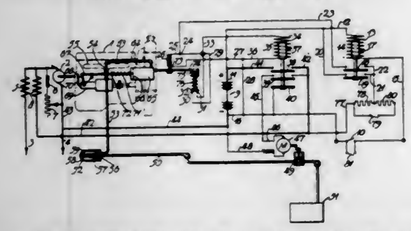
the line of division being stepped and the ends adjacent thereto being overlapped so that the ends of each fold will abut closely against each other.

2,132,815

PRIME MOVER DYNAMO PLANT

Earl R. Witzel and Reuben L. Humbert, Kohler, Wis.

Application May 14, 1937, Serial No. 142,582
17 Claims. (Cl. 290—34)



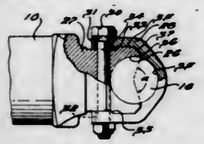
17. The combination with an internal combustion engine of electrically actuated means for cranking said engine, electrically actuated means in circuit with said cranking means for feeding a priming fuel to said engine, means for supplying a running fuel to said engine, means for disabling said running fuel supply means during the cranking of said engine, and means for placing said running fuel supply means in operation upon operation of the engine under its own power.

2,132,816

UNIVERSAL JOINT

Hans Wollner, Detroit, Mich., assignor to Universal Products Co. Inc., a corporation of Delaware

Application July 24, 1936, Serial No. 92,337
1 Claim. (Cl. 64—17)



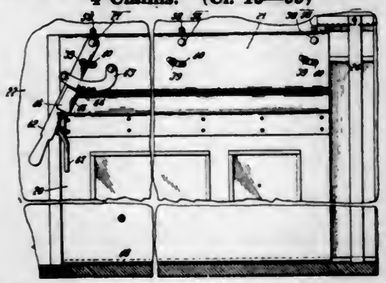
In a universal joint, a radially extending trunnion, a bearing cup on the trunnion, a torque transmitting member having an arm terminating in a width greater than the diameter of said cup and being provided at its terminal with a recess adapted to receive said cup, and a U-shaped metal clamp adapted to engage and embrace said cup and the sides of the recessed terminal of said arm, the cup engaging surfaces of said arm and clamp together being coextensive and in contact with the periphery of said cup whereby the cup is engaged entirely around its periphery, and means including interengaging cam surfaces on said arm and clamp adapted to tighten said clamp against said cup and hold the cup in said recess under pressure.

2,132,817

BAGGAGE CAR DOOR HANGER AND OPERATING MECHANISM

Emil A. Zetmeir, Topeka, Kans.

Application August 27, 1937, Serial No. 161,281
4 Claims. (Cl. 16—99)



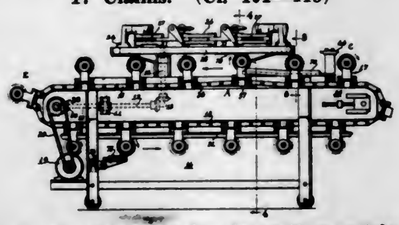
1. Baggage car door hanger and operating mechanism comprising, in combination with a track above the door opening; means secured to the top of the door so as to overhang the track and provided with arcuate slots, a plurality of brackets pendently secured at their upper ends to the inner side of said means so as to move about horizontally disposed axes and having rollers journaled in their lower ends and said rollers arranged on said track, the journal of at least one of the rollers being disposed through one of said arcuate slots; means whereby all of said brackets are operatively secured together and made to move in unison; an operating lever pivotally mounted at its upper end to said first mentioned means in a plane above one of the arcuate slots with the extended roller journal secured to the lever beneath its pivotal point, said lever being adapted to move through an arc of a vertically disposed circle whereby the brackets are oscillated through a similar arc and the door raised from the car floor when the lever is moved in one direction and the door lowered to the car floor when the lever is moved in the opposite direction; and means whereby the lever may be locked in its adjusted positions.

2,132,818

METHOD OF AND APPARATUS FOR DECORATING BOTTLES AND LIKE ARTICLES

Carroll Cone, Alton, Ill., assignor to Owens-Illinois Glass Company, a corporation of Ohio

Application June 18, 1936, Serial No. 85,938
Renewed March 1, 1938
17 Claims. (Cl. 101—115)



1. In an apparatus for decorating articles, a plurality of bodily movable and freely rotatable chucks for conveying articles to be decorated from a receiving station to a decorating station, cooperating means on said articles and chucks for holding the articles in similar relative fixed positions at said receiving station, and means operable during the travel of said chucks and articles carried thereby from the receiving station to said decorating station adapted to successively and tractionally engage said chucks and rotate the same about their respective axes throughout a predetermined degree to orient the articles so as to present corresponding selected peripheral areas of the same for decoration at the decorating station.

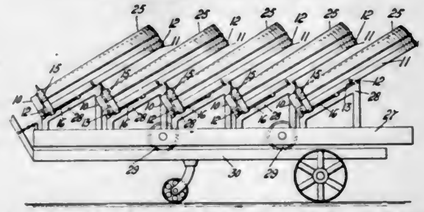
13. The method of presenting a selected area on the exterior of a bottle having a locating mark thereon to a stencil screen in the decoration thereof which comprises, supporting said bottle for free rotation about its own axis and assigning to said bottle a predetermined angular position as determined by the orientation of said mark with respect to said stencil screen, moving said bottle and the supporting means therefor bodily toward said stencil screen, and interposing in the path of movement of said bottle and supporting means a traction device adapted to be engaged by said supporting means and which by rolling contact therewith causes the latter to be rotated throughout a predetermined angular degree prior to presentation of said bottle to said stencil screen.

2,132,819

APPARATUS FOR MAKING RUBBER FENDERS

Park P. Crisp, Stow, and William E. Haggan, Akron, Ohio, assignors to The Firestone Tire & Rubber Company, Akron, Ohio, a corporation of Ohio

Application July 13, 1935, Serial No. 31,220
6 Claims. (Cl. 18—35)



1. In apparatus for making rubber articles, the combination of a work support, means for mounting an unvulcanized rubber article thereon under tension that is parallel to two opposite margins thereof of which one of said margins rests upon said support and the other is in spaced relation thereto, and means for supporting said work support in a position such that the unsupported marginal portion of the article is urged toward said support by gravity.

2,132,820

GROOMING DEVICE

Sanford J. Dunaway, Dover, N. H., assignor to The Expello Corporation, Dover, N. H., a corporation of New Hampshire

Application March 31, 1937, Serial No. 134,051
3 Claims. (Cl. 119—85)



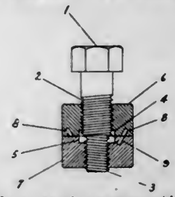
1. In a grooming device, the combination of a base comprising two concavo-convex sheets whose concave sides face toward each other and whose margins are secured together, one sheet being formed to provide a groove, a comb held in said groove and having teeth projecting from said base, and a pad attached to said base and disposed about said teeth,

2,132,821

LOCK NUT

Frank T. Elder, Bakersfield, Calif., assignor of fifty-one one-hundredths to Frank T. Elder, twenty-four and one-half one-hundredths to Earl W. Smith, and twenty-four and one-half one-hundredths to Arthur R. Cassidy, a partnership

Application October 2, 1935, Serial No. 43,223
1 Claim. (Cl. 151—17)



In a coacting and cooperating bolt and nut locking structure; a bolt; a load bearing nut; a locking nut; a key way in said load bearing nut at an angular inclination to the longitudinal axis of said bolt; said key way in said load bearing nut also parallel to a transverse axis of said bolt; a key way in said locking nut at an angular inclination to the longitudinal axis of said bolt; said key way in said locking nut also parallel to a transverse axis of said bolt; said key way in said load bearing nut cooperating with said key way in said locking nut; a key fitting said cooperating key ways.

2,132,822

MANUFACTURE OF GELATIN

John Vernon Stuart Glass, Sutton Weaver, near Warrington, and Benjamin Woolf Hirsh, Runcorn, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application August 10, 1936, Serial No. 95,282. In Great Britain September 27, 1935
9 Claims. (Cl. 87—7)

1. Process for the manufacture of glues and gelatins of improved colour and clarity which comprises treating their solutions in water at an elevated temperature below 100° C. with a quantity of a water soluble aluminate sufficient to bring the pH value of the solution to at least 8.5 but preferably not above 10.0, and separating the precipitate.

2,132,823

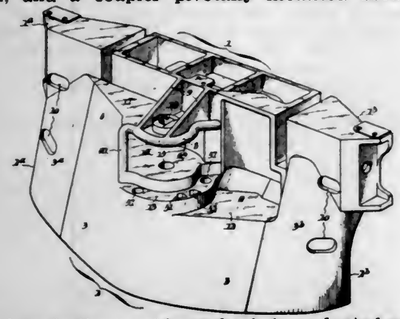
LOCOMOTIVE FRONT END CONSTRUCTION

Harry A. Hoke, Altoona, Pa., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa., a corporation of Pennsylvania

Application June 4, 1936, Serial No. 83,410
8 Claims. (Cl. 213—4)

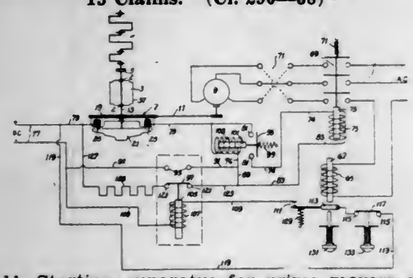
1. In a front end for a locomotive or the like having frame members, a bumper having a central portion and separate wing portions, said frame members extending between said wing portions and said central portion and being attached thereto, a pilot formed integrally with the central portion of said bumper and having substantially solid converging deflecting surfaces, separate wings attached to said pilot and formed integrally with the separate wing portions of said bumper and extending forwardly at the sides of the pilot and presenting substantially smooth and solid front surfaces merging with and forming functional continuations of the deflecting surfaces of the pilot, a coupler housing formed in the upper part of said pilot between said wings, forwardly extending projections formed integrally with the central portion of said bumper

and adapted to support the ends of a coupler pin, and a coupler pivotally mounted between



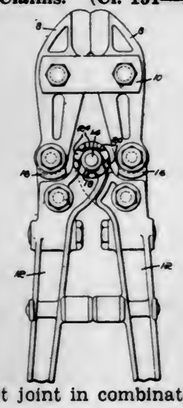
said projections, said coupler being adapted when not in use to be received within said housing.

2,132,824
UNLOADER
Mark Kindt, Kenosha, Wis., assignor to Martin P. Winther, Waukegan, Ill., as trustee
Application November 22, 1937, Serial No. 175,884
15 Claims. (Cl. 290—38)



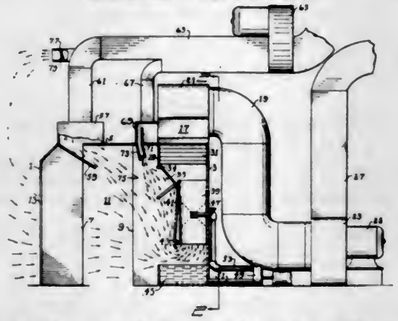
11. Starting apparatus for prime movers and the like comprising a magnetic clutch associated with the prime mover, a field coil for closing the clutch, an electric motor for driving the clutch, and means operative by a single movement to energize first the coil to a degree to close the clutch and then the motor to start said motor when the clutch is closed.

2,132,825
PIVOT JOINT
Francis T. Lind, Everett, and Edwin M. Webster, Malden, Mass., assignors to H. K. Porter, Inc., Everett, Mass., a corporation of Massachusetts
Application July 18, 1936, Serial No. 91,344
7 Claims. (Cl. 151—49)



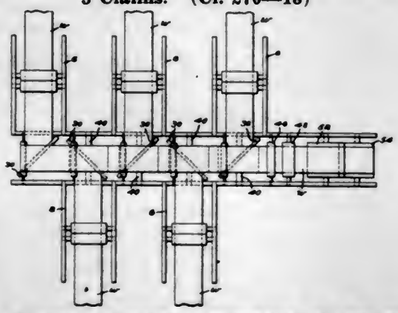
6. In a pivot joint in combination with a pivoted member having a pivot hole and outwardly therefrom radial channels, a threaded pivot pin in the hole having a prismatic head, a washer having a central annular portion underlying the head and a plurality of arms radiating therefrom, each individually bendable across its base independently of the others and therefore each capable of lying either substantially in the plane of said annular portion or substantially at right angles thereto, an arm in the former position being received in the channel and in the latter lying against a side of the head.

2,132,826
SPRAY BOOTH
John E. Ludwig, Detroit, Mich., assignor to Newcomb David Company, Inc., Detroit, Mich., a corporation of Michigan
Application April 13, 1936, Serial No. 74,228
9 Claims. (Cl. 91—60)



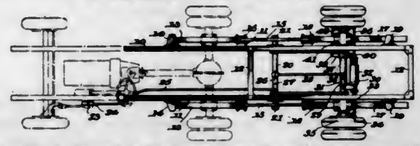
9. A paint reclaiming spray booth having in combination an exhaust conduit opening to the lower portion of the booth, a water spray in said conduit for washing the air as it is drawn upwardly through said conduit, a surface exposed to the paint spray, located above said conduit opening and between said conduit and the source of said paint spray, a film of water covering and flowing downwardly on said surface and a water reservoir disposed under said opening and extending beneath said surface to catch the water as it flows from said surface as well as the water returning from the water spray means and to receive and preserve the reclaimed spray material in suitable condition for salvaging.

2,132,827
PRINTING PRESS
Charles A. Meisel, Milton, Mass., assignor to Meisel Press Manufacturing Company, Boston, Mass., a corporation of Massachusetts
Application June 4, 1937, Serial No. 146,424
5 Claims. (Cl. 270—18)



1. A press comprising a plurality of web press units arranged in spaced and offset relation on opposite sides of a longitudinal line and delivering inwardly in directions transverse to said line, means comprising turning bars in the space between the units for diverting the webs to longitudinal paths, and means for uniting the webs as they are travelling longitudinally.

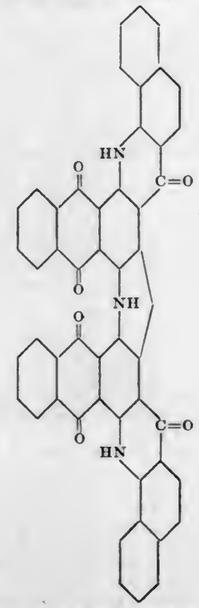
2,132,828
AUTOMOTIVE EQUIPMENT
Samuel T. Montambo, Chicago, Ill., assignor of one-third to Paul W. Guthrie, Chicago, Ill., and one-third to Thomas H. Brading, Denver, Colo.
Application April 12, 1937, Serial No. 136,246
2 Claims. (Cl. 280—91)



1. In a third axle construction for automotive vehicles, a bell crank lever mounted on said axle, means connecting the steering mechanism of the vehicle with said bell crank for actuating the same, a power cylinder having connections leading to the wheels of the third axle, said bell crank attached to said power cylinder so that upon said bell crank being actuated, it will in turn actuate the power cylinder to steer through its connections said wheels of the third axle.

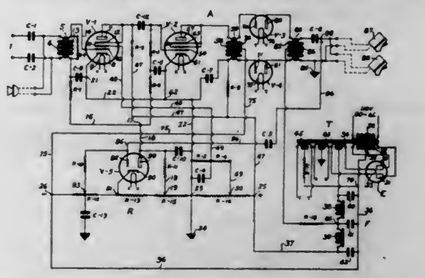
2,132,829
DYESTUFFS OF THE ANTHRAQUINONE-NAPHTHACRIDONE SERIES AND PROCESS OF MAKING SAME
Wilhelm Moser, Riehen, near Basel, and Walter Fioroni, Binningen, near Basel, Switzerland, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland
No Drawing. Application January 9, 1937, Serial No. 119,888. In Switzerland January 10, 1936
1 Claim. (Cl. 260—276)

The dyestuff of the formula



which product is a dark powder, dissolving in sulfuric acid to a blackish blue solution and in water with addition of hydrosulfite and caustic soda solution to a brown solution, and dyeing cotton from the vat fast level olive tints.

2,132,830
AUDIO FREQUENCY AMPLIFIER
Leland D. Norton, Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y., a corporation of New York
Application November 20, 1934, Serial No. 753,845
1 Claim. (Cl. 179—171)



In an audio-frequency amplifying system of the type wherein the vacuum tube amplifier derives its operating potentials from a potentiometer connected across a direct current source of power, a vacuum tube control circuit deriving its necessary operating potentials from said potentiometer and adapted to cause a grid bias of said amplifier to become more negative as the output of said amplifier increases, comprising, in combination, a control vacuum tube having a cathode, anode and grid, a capacitative connection from said grid to said amplifier at a point which varies in potential in accordance with the audio-frequency output of said amplifier, another connection from said grid through a first resistance to an adjustable tap on said potentiometer at a first point near the negative end thereof, said first point being effectively grounded through a first condenser, a connection from said potentiometer at a second point intermediate its ends to ground and to a cathode of said amplifier, a connection from said control tube cathode to said potentiometer at a third point intermediate said first and second points, a connection from said control tube anode to a grid circuit of said amplifier and through a second resistance to an adjustable tap at a fourth point on said potentiometer intermediate said second and third points, a second condenser connected between said anode and said second point, the values of said second resistance and said second condenser determining the time constant of operation of said control circuit, and other necessary operating circuits of said amplifier deriving their potentials from said potentiometer at points between the positive end thereof and said second point.

2,132,831
TUNNEL KILN
Frank A. Philo, Hermosa Beach, Calif., assignor to General Tile Corporation, El Segundo, Calif., a corporation of California, and The Mosaic Tile Company, a corporation of Ohio
Application July 16, 1936, Serial No. 90,902
17 Claims. (Cl. 25—144)

1. A tunnel kiln embodying, in combination, a muffle, means for passing ware there-through, a U-shaped heat-applying flue-area comprising a

horizontal base-portion having passages in contact with the muffle bottom, opposite vertical branch-portions having passages in contact with the sides of the muffle, and separate top hori-



zontal portions in contact with the top of the muffle, said passages in the branch-portions extending in a direction oblique to the middle line of the muffle sides, and means for supplying heat to said flue area.

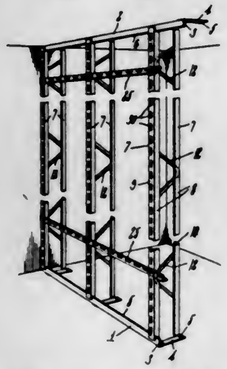
2,132,832

BUILDING CONSTRUCTION

Alfred A. Prive, Manchester, N. H., assignor to George E. Stevens, Melrose, Mass.

Application July 16, 1937, Serial No. 153,932

11 Claims. (Cl. 72—46)



1. A partition comprising oppositely disposed floor and ceiling locating elements each having a single flange projecting toward the other, and members extending between said locating elements each member comprising a pair of spaced parallel angles and connections for holding said angles assembled, one of said angles having a slot at each end for engagement with said flanges.

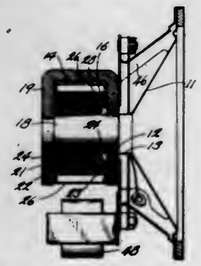
2,132,833

ELECTRICAL COIL

James P. Quam, Chicago, Ill., assignor to Quam-Nichols Company, Chicago, Ill., a corporation of Missouri

Application January 13, 1936, Serial No. 58,823

3 Claims. (Cl. 179—115.5)



1. A dynamic loud speaker including in combination a pole piece open at the sides and comprising a pair of spaced apart legs and a core extending between the legs, and a completely preassembled field coil for assembly into said pole piece as a rigid unit and fitting relatively snugly between such legs comprising an insulating core surrounding the pole piece core, with an insulating washer on each end of the coil core to form therewith a spool for a coil winding, and a one-piece thin metal housing for the coil with continuous side-walls at the open sides of the pole piece, and an integral flange at each end positioned over the outer portions of the insulating washers and pressed thereon to provide a rigid assembly for the complete coil.

2,132,834

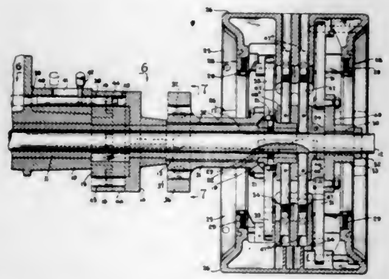
TIRE BUILDING FORM

Horace D. Stevens and Raymond W. Allen, Akron, Ohio, assignors to The Firestone Tire & Rubber Company, Akron, Ohio, a corporation of Ohio

Application January 22, 1935, Serial No. 2,882

7 Claims. (Cl. 154—9)

1. In a tire building drum of the type having a transversely flat peripheral portion and radially inwardly extending lateral working surfaces upon which at least the bead portions of a tire



are built, the combination of a plurality of collapsible drum sections, means permanently connected to said sections for moving them relatively of each other to collapse the form, removable, endless rings mounted upon the respective sides of the drum, at the inner periphery thereof, so as to constitute inward detachable stitching surfaces in continuation of and coplanar with said lateral working surfaces, said rings interlocking with the drum structure through the agency of laterally extending tongue and groove connections so as to prevent movement of the drum sections relatively of each other, and means extending radially through said rings for securing them to the drum structure.

2,132,835

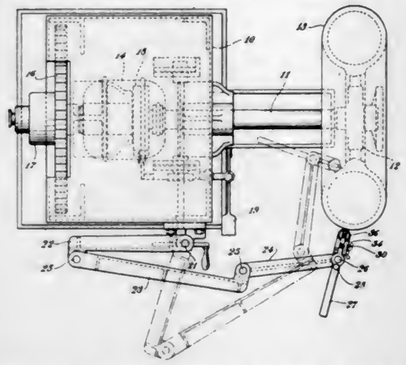
CUTTER

Horace D. Stevens, Akron, Ohio, assignor to The Firestone Tire & Rubber Company, Akron, Ohio, a corporation of Ohio

Application July 8, 1936, Serial No. 89,673

4 Claims. (Cl. 164—69)

1. In apparatus of the character described, the combination of means for supporting and rotating an annular article in a vertical plane, an articulated sectional bracket on said supporting means movable in a horizontal plane, a holder swiveled on a vertical axis on the free end of said bracket, and a cutter carried by said holder and adapted to be manually guided into engagement with said article, in various regions transversely thereof, by reason of relative angular



movement of the sections of the articulated bracket.

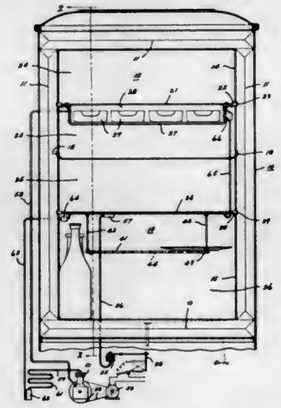
2,132,836

REFRIGERATING APPARATUS

Otto M. Summers, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application December 31, 1935, Serial No. 56,988

5 Claims. (Cl. 62—89)



1. A refrigerating apparatus comprising in combination, a cabinet including a plurality of vertical and horizontal walls forming a chamber therein, a metallic member superimposed upon another metallic member and being secured thereto to divide said chamber into a plurality of chambers, means dividing the uppermost of said plurality of chambers into superimposed horizontally extending food storage compartments, means dividing the lowermost of said plurality of chambers into superimposed horizontally extending food storage compartments, one of said means comprising a flat sheet metal member extending continuously and substantially entirely across the chamber which it divides, an evaporator of a refrigerating system carried by said flat sheet metal member and spaced therefrom to form a sharp freezing compartment therebetween, the other of said means comprising a substantially flat plate-like sheet metal evaporator extending continuously and substantially entirely across the chamber which it divides, means for supplying liquid refrigerant to said second named evaporator, and means for conveying refrigerant from said second named evaporator to said first named evaporator.

2,132,837

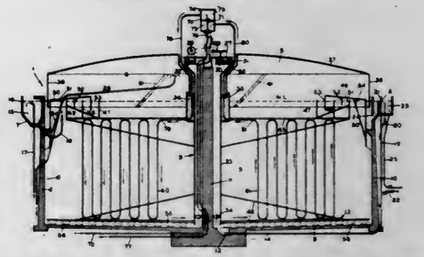
SEWAGE SLUDGE DIGESTION

Henry J. Talbot, The Hague, Netherlands, assignor to The Dorr Company, Inc., New York, N. Y., a corporation of Delaware

Application February 8, 1936, Serial No. 62,936

In Great Britain March 12, 1935

11 Claims. (Cl. 210—2)



1. A sewage sludge digester having in operative association a tank, means for feeding sludge thereto, a sediment discharge leading therefrom, a liquid withdrawal means determining the normal operative level of the body of sludge in the tank; a centrally disposed upstanding stationary pier provided with a stationary bearing member, a horizontally turnable sediment raking mechanism comprising a movable bearing member mounted on said stationary bearing member, an arm-carrying structure depending from said movable bearing member, a sediment raking arm construction deriving support from said arm carrying structure; motivating means including speed reducing and power transmission elements for imparting turning movement to said mechanism; a top member for the digester having an annular cap portion with depending inner and outer marginal flanges that serve to complete a relatively gas-tight seal when dipping into sealing liquid and respectively providing with the sludge of the digester a gas-enclosing space in the tank, and means for withdrawing gas from said gas space; said arm carrying structure being characterized in that it embodies a section providing a liquid-holding cup open at the top but otherwise closed, annular in horizontal cross section, and arranged for the reception thereinto of the depending inner flange of said top member.

2,132,838

BEARING AND CLOSURE

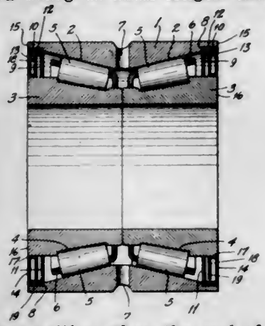
Samson M. Weckstein, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio

Application March 11, 1937, Serial No. 130,265

2 Claims. (Cl. 286—5)

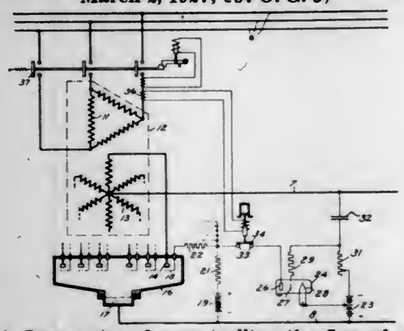
1. A closure for the end of a roller bearing comprising an angular ring for seating in the end of the outer bearing member of said bearing, facing outwardly, a second inwardly facing angular ring nested in said first named angular ring, said angular rings having inwardly extending spaced radial flanges and an angular ring having a sleeve portion for pressing on the inner bearing member and having a radial flange extending into the space between the radial flanges of said first and second named rings said sleeve

portion of said third angular ring extending outwardly and being of such length that said ring



is in proper position when the end of said sleeve is flush with the outer face of said second ring.

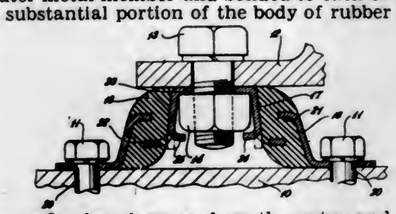
2,132,839
ELECTRIC VALVE PROTECTIVE SYSTEM
Stefan Widmer and Max Hürlimann, Baden, Switzerland, assignors to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland, a joint-stock company of Switzerland
Application March 5, 1934, Serial No. 714,107
In Germany March 4, 1933
19 Claims. (Cl. 175—363)
(Granted under the provisions of sec. 14, act of March 2, 1927; 257 O. G. 5)



1. In a system for controlling the flow of electric current, an electric current supply circuit, electric translation means connected with said circuit and comprising an electric valve having an anode with an associated control electrode and a cathode, an electric current output circuit connected with said translation means, and static means responsive to a sudden decrease only in the voltage of said output circuit for impressing on said control electrode a potential of sign and magnitude operative to cause interruption of the flow of current through said valve.

2,132,840
RESILIENT MOUNTING
Clarence E. Workman and Le Roy M. Kubaugh, Akron, Ohio, assignors to The Firestone Tire & Rubber Company, Akron, Ohio, a corporation of Ohio
Application December 17, 1936, Serial No. 116,314
6 Claims. (Cl. 248—22)

1. A resilient mounting consisting of an annular dome-shaped structure comprising a metal annulus about the outer periphery thereof, a metal annulus about the radially inner surface thereof in axially offset relation to the first mentioned annulus, and a body of rubber covering the outer peripheral face of the inner metal member and the inner peripheral face of the outer metal member and bonded to each of them, a substantial portion of the body of rubber being



unconfined and exposed on the outer and inner surfaces thereof, one marginal portion of each of said metal members being formed as a peripheral flange that extends into said rubber body, the flange of the outer metal member overlying the flange of the inner metal member in axially spaced relation thereto.

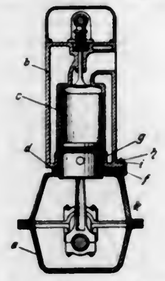
2,132,841
SHOCK ABSORBING CHASSIS FOR A CHILD'S VEHICLE
Philip T. Baumgartner, Gardner, Mass.
Application June 4, 1936, Serial No. 83,531
4 Claims. (Cl. 267—5)



1. A child's vehicle comprising side bars mounted on wheels, a body, U-shaped springs supported on the side bars and connected to carry one end of the body, U-shaped, resilient suspension arms mounted on the side bars, a freely elongated coil spring suspended substantially vertically from and rigidly connected to each of said arms and a resilient arm rigidly connected to the coil spring and mounted on the other end of the carriage body.

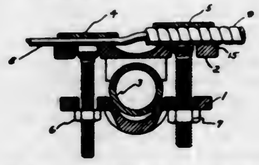
2,132,842
CYLINDER OF A COMBUSTION ENGINE WITH CONNECTED CRANKCASE
Arthur Berger, Stuttgart-Oberturkheim, Germany, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany
Application June 10, 1937, Serial No. 147,410
In Germany May 16, 1937
3 Claims. (Cl. 123—173)

1. In an internal combustion engine comprising, in combination, a cylinder, means within said cylinder defining a combustion space, passages surrounding said means adapted to receive a cooling agent, a crank case, means for attaching said crank case to said cylinder, insulating means for preventing transmission of heat from said cylinder to said crank case through said attaching means, and further heat insulating means interposed between said cylinder and said



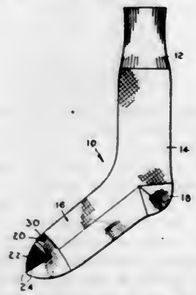
crank case, of sufficient thickness whereby a cooling fluid having a boiling point above 100° C. may be used for cooling said cylinder.

2,132,843
GROUND FITTING
Stephen W. Borden, Summit, N. J.
Application November 2, 1933, Serial No. 108,815
5 Claims. (Cl. 247—1)



1. A fitting for connecting an electrical conductor to a ground pipe which includes a pair of rigid clamping plates arranged for relatively straight line movement to and from each other, the plates having opposed projecting members on each side of the pipe, the projecting members having aligned apertures, threaded bolts positioned in the apertures, transverse openings through the bolts for the reception of the conductor, and threaded nuts on the bolts which when tightened clamp the conductor against one of the plates and clamp the plates on the pipe.

2,132,844
HOSIERY
George L. Brill, New York, N. Y.
Application July 13, 1938, Serial No. 218,981
3 Claims. (Cl. 66—185)



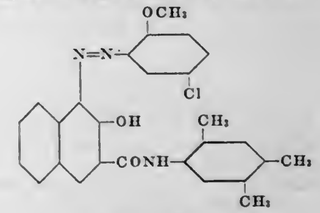
1. A stocking comprising knit leg and foot portions, said foot portion having a knit toe comprising a top section of knit elastic yarn with the wales thereof extending longitudinally of the toe, said toe having side gore lines and a rear looping line, said top section of knit elastic yarn terminating at the gore lines of the toe and at the tip of the latter and terminating substantially at the looping line.

2,132,845
PROCESS FOR PURIFICATION OF TRINITROTOLUENE
James B. Castner, Woodbury, N. J., and Max C. Knake, Washburn, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application September 12, 1936, Serial No. 100,470
6 Claims. (Cl. 260—645)

1. The process for the purification of trinitrotoluene which comprises treating solid particles thereof with an aqueous solution containing both an alkali metal sulphite and a means for controlling the pH of said solution at a value of 7.0 to 8.3, said means comprising an acid reacting material selected from the group consisting of sulphur dioxide, sodium bisulphite, and boric acid.

2,132,846
WATER-INSOLUBLE MONOAZO DYE
Miles Augustinus Dahlen, Wilmington, Del., and Martin Edwin Friedrich, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application December 17, 1935, Serial No. 54,851
2 Claims. (Cl. 260—204)

1. A dyestuff represented by the formula:



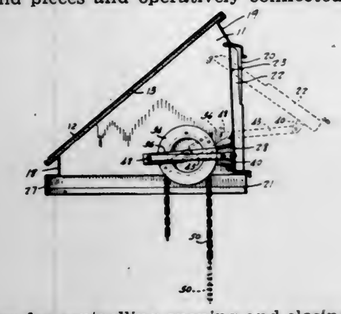
2,132,847
LUBRICATING OIL
Melvin A. Dietrich, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application October 20, 1936, Serial No. 106,516
13 Claims. (Cl. 87—9)

1. A lubricant comprising a lubricating oil having incorporated therein a minor proportion of unvulcanized rubber which has been plasticized by means of a peptizing agent.

2,132,848
SKYLIGHT
Morris Feldman, Philadelphia, Pa.
Application September 25, 1937, Serial No. 165,664
3 Claims. (Cl. 108—16)

1. A skylight structure of the character described, comprising a frame adapted to be mounted over an opening in a building structure, said frame including spaced end pieces, said frame also having a ventilating opening intermediate the end pieces, a shutter pivotally mounted in

said opening, and a movement carried by one of the end pieces and operatively connected to the



shutter for controlling opening and closing movement of the latter.

2,132,849

PROCESS FOR PREPARING ALIPHATIC DINITRILES

Crawford H. Greenewalt and George W. Rigby, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application December 2, 1936, Serial No. 113,834
10 Claims. (Cl. 260—464)

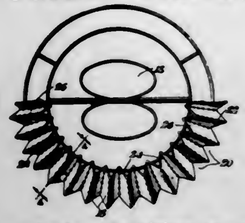
1. The process for the production of an aliphatic dinitrile having at least 2 carbon atoms which comprises passing a stream of ammonia through a liquid aliphatic diamide having at least 3 carbon atoms at a temperature sufficient to cause the evolution of water, said reaction being further characterized in that it is carried out in the presence of a catalyst selected from the group consisting of the oxygenated acids and their salts of the metals of Groups V and VI in the periodic system.

2,132,850

LAMP SHADE

Carl W. Huflage, Chicago, Ill., assignor to Reynolds Metals Company, Richmond, Va., a corporation of Delaware

Application May 7, 1938, Serial No. 206,580
5 Claims. (Cl. 240—108)



1. A lamp shade comprising an outer layer of highly reflective metal foil and an inner layer of translucent material mounted thereto, which includes openings in said outer layer and reflective panels formed in said outer layer angularly disposed one to another and positioned to reflect light emanating from said openings.

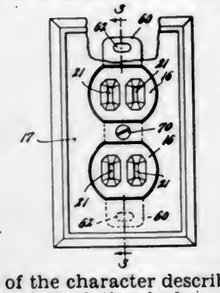
2,132,851

ATTACHMENT PLUG RECEPTACLE

Gustaf A. Johnson, New Bedford, Mass.

Application April 27, 1935, Serial No. 18,587
6 Claims. (Cl. 173—330)

1. In a device of the character described, the combination with an insulating body recessed in its bottom face and a pair of contact plates mounted in said recess, each of said plates having a struck out projection or tongue, of a cover of insulating material for closing the bottom face of said body, said cover having side extensions seated in said recess and having each an opening adapted to be engaged by one of said projections or tongues for locking said cover to said body.



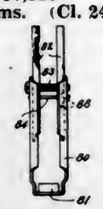
5. A device of the character described comprising an elongated insulating body recessed in its bottom face to form a relatively wide central abutment extending longitudinally of said body and on each end of said abutment a pair of separate contact chambers, said chambers being connected together by a longitudinal slot adjacent each side of said body and each of said chambers opening out the top face of said body through an offset jack blade slot and having an inner shoulder adjacent said top face, an elongated contact plate mounted edgewise in each of said slots and having each end provided with a contact blade lying in one of said chambers, each of said contact blades having its top edge in engagement with the inner shoulder in said chamber, the two chambers at each end of said body being connected together by a transverse passage in said abutment and a spring mounted in each of said transverse passages for holding the contact blades in the adjacent chambers in jack blade engaging position.

2,132,852

LAMP SOCKET

Gustaf A. Johnson, New Bedford, Mass.

Original application December 5, 1931, Serial No. 579,130. Divided and this application June 27, 1936, Serial No. 87,610
4 Claims. (Cl. 240—52.4)



1. An extensible support for an electric candle socket comprising two forked members arranged in parallel telescopic relation, the inner of said members comprising a pair of parallel forks adapted to be permanently attached at one end to a lamp socket and the outer of said members having a pair of parallel forks adapted to enclose the forks of said inner member and having their lower ends connected together by a threaded nipple, the forks of both members lying in parallel planes and one of said members being provided with a series of equally spaced depressions and the other of said members having a projection adapted, when said members are held in tight

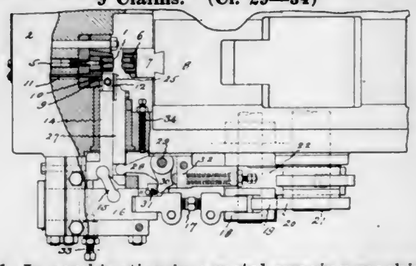
engagement, to interlock in any one of a plurality of extensible relations to prevent telescopic movement, means between the forks of the inner of said members to hold them in separated position and a screw mounted in said outer member and threaded in one side thereof for drawing the two forks of said outer member into tight engagement with the forks of the inner member.

2,132,853

CUT-OFF AND TRANSFER MECHANISM FOR METAL SWAGING MACHINES

John J. Kearney, Waterbury, Conn., assignor to The E. J. Manville Machine Company, Waterbury, Conn., a corporation of Connecticut

Application June 4, 1937, Serial No. 146,355
9 Claims. (Cl. 29—34)



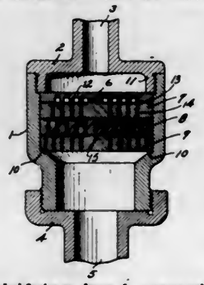
1. In combination in a metal swaging machine, shaping dies, a fixed shearing die having a bore of substantially the same diameter and cross sectional shape as the metal to be swaged, a shearing die movable across the face of the fixed shearing die, said movable die having a bore of substantially the same diameter and cross-sectional shape as the bore of the fixed shearing die with the wall of said bore at the cutting edge of the shearing die completely surrounding the metal to be swaged, a reciprocatory carrier having means for receiving blanks from the movable shearing die means whereby cut blanks are transferred from the shearing die to the carrier, mechanism for reciprocating the movable shearing die, and mechanism for reciprocating said carrier in the same direction as but at greater speed than the movements of the shearing die.

2,132,854

EMULSIFIER

Frank W. Knott, Detroit, Mich., assignor to John Duval Dodge, Grosse Pointe, Mich.

Application July 16, 1937, Serial No. 153,928
3 Claims. (Cl. 99—265)



1. An emulsifying head comprising a chambered member having an inlet and an outlet, a series of metal plates arranged in succession in surface contact in the chambered member, all the plates having apertures extending therethrough at a right angle to their contacting surfaces and with the apertures of one plate out of alignment with apertures of the succeeding plate, each of the plates, except the first, having the face thereof in contact with a preceding plate recessed slightly whereby the streams discharging through a preceding plate strike against an impervious surface and then change in direction of travel in a thin film under pressure to pass through the apertures of the recessed plate.

2,132,855

PRODUCTION OF VALUABLE LIQUID PRODUCTS FROM DISTILLABLE CARBONACEOUS MATERIALS

Carl Krauch and Mathias Pier, Heidelberg, Germany, assignors to Standard-I. G. Company, Linden, N. J., a corporation of Delaware

No Drawing. Application September 29, 1934, Serial No. 746,146. In Germany April 25, 1925
2 Claims. (Cl. 196—53)

2. Process of converting carbonaceous substances such as solid and liquid fuels, distillation and extraction products thereof, into valuable liquids which comprises treating them with hydrogen at a temperature of between about 300° and 700° C., at a pressure between 1 and 20 atmospheres and in the presence of tungsten sulfide.

2,132,856

EARSCREW

Marie Kessler Kuhlmann, Kerrville, Tex.

Application March 28, 1938, Serial No. 198,447
4 Claims. (Cl. 63—14)



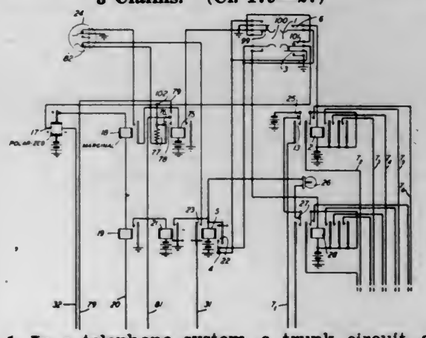
1. An ear screw comprising a support, means to attach said support to the ear of the wearer, a concave plate on said support, a central prong on said plate over which a flower may be impaled, and a flexible forwardly extending member to engage about and penetrate the body of a flower to retain it impaled upon said prong.

2,132,857

TELEPHONE SYSTEM

Albert G. Lang, Whitestone, and Thomas H. Neely, Stewart Manor, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application March 16, 1937, Serial No. 131,144
3 Claims. (Cl. 179—27)



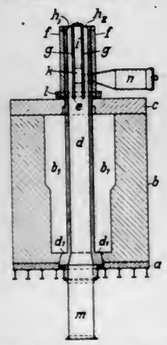
1. In a telephone system, a trunk circuit, an operator's cord circuit adapted to be connected to said trunk, a dial adapted to be connected and

locked to said cord circuit, a dial key, a polarized relay adapted to be connected in series with said dial when the dial is connected to the cord, means responsive to the joint connection of said cord circuit to said trunk and operation of said dial key to connect said dial to said cord and lock it under control of said polarized relay, a source of direct current adapted to be connected to said trunk responsive to the connection of said dial and in a non-operate direction with respect to said polarized relay, and means responsive to the release of said dial key to cause said current source to be reversed in polarity with respect to said trunk to operate said polarized relay and release said dial from the cord.

2,132,858
PROCESS OF CONTINUOUSLY PRODUCING ZINC IN VERTICAL REDUCING CHAMBERS AND APPARATUS THEREFOR

Hermann Matthies, Duisburg-Wanheim, Germany, assignor to American Lurgi Corporation, New York, N. Y., a corporation of New York

Application June 9, 1937, Serial No. 147,174
In Germany June 10, 1936
11 Claims. (Cl. 75—86)



1. The process for the continuous production of zinc in vertical reducing chambers which comprises establishing a central vertical column constituted of coarse refractory non-slagging lumps of a material not substantially attacked during reduction, establishing vertical columns of a mixture of zinciferous material and reducing agent in proximity to said central column, separating only the upper portions of said vertical columns from each other to prevent direct contact of said upper portions and to establish direct contact of their lower portions, heating said columns to zinc reducing temperatures, passing the zinc vapors produced through said permeable central column, and condensing said zinc vapors.

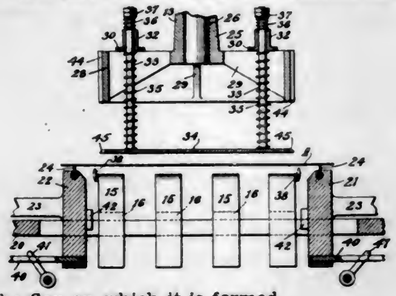
2,132,859
APPARATUS FOR MAKING BOXES AND BOX COVERS

Morry Mednick, Brooklyn, N. Y., and Marte Eula, South Norwalk, Conn.

Application November 9, 1937, Serial No. 173,554
4 Claims. (Cl. 93—51)

4. In an apparatus of the character described, a folding box including a pair of side walls movable toward and away from one another, a plunger for forcing a box or box cover blank within the folding box to cause the walls of the box including the two movable walls thereof to upturn flap portions on the blank, each of the movable walls including a fixed projection on the inside face of the wall for contacting with a portion of the upturned flaps on the blank when the walls are moved toward one another to in-

bend said part of the flap at an angle to the rest

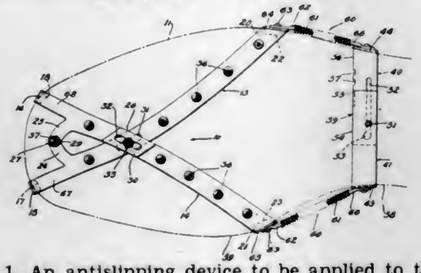


of the flap on which it is formed.

2,132,860
ANTISLIPPING DEVICE

George A. Moriarty, San Diego, Calif.

Application October 8, 1937, Serial No. 167,928
12 Claims. (Cl. 36—7.7)

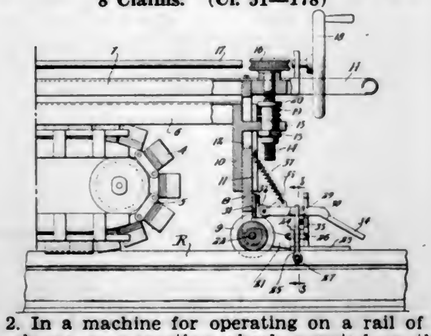


1. An antislipping device to be applied to the sole of a shoe or the like, including a pair of pivotally associated members adapted to be positioned beneath the sole and to respectively extend diagonally from one side thereof to the other; means on each of said members for gripping the welt of a shoe at opposite sides of the shoe sole; downwardly projecting means on at least one of said members; a substantially rigid yoke member insertable under the shank portion of a shoe sole having inturned fingers for overlying the welt of a shoe at opposite sides thereof; and resilient means connecting each of said pair of crossed members to said yoke member for drawing said gripping means and said yoke member into operative relation with the shoe sole.

2,132,861
MECHANISM FOR CLAMPING MOBILE UNITS TO RAILS

Henry J. Perazzoli, Philadelphia, Pa.

Application March 21, 1936, Serial No. 70,017
8 Claims. (Cl. 51—178)



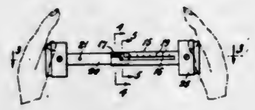
2. In a machine for operating on a rail of a trackway, a supporting wheel mounted on the

machine and adapted to ride on the rail, a mechanism for clamping the machine to the rail including a pivotally mounted frame, a pair of clamping jaws carried by the frame at least one of which is movable toward and away from the rail with the frame in a lower pivotal position, means for effecting relative movement of the jaws to provide for clamping and release of the rail, and means urging said frame and the jaws carried thereby to an upper pivotal position upon release of the operating means for the jaws.

2,132,862
EXERCISING APPARATUS

Joseph H. Pilates, New York, N. Y.

Application February 23, 1937, Serial No. 127,025
1 Claim. (Cl. 272—57)

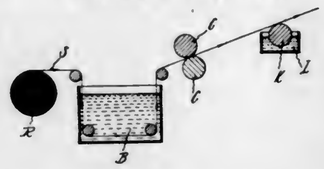


In an exercising apparatus having two spring distended telescopic tubes and cup like receivers fixed on their outer extremities, blocks set in said receivers, and elastic contactors interchangeably carried by said blocks, said contactors provided with a plurality of projections on their outer faces.

2,132,863
MULTIPLE IMPREGNATION OF COMPRESSIBLE FIBROUS WEBS

Milton O. Schur, Berlin, N. H., assignor to Brown Company, Berlin, N. H., a corporation of Maine

Application August 4, 1936, Serial No. 94,156
5 Claims. (Cl. 91—68)



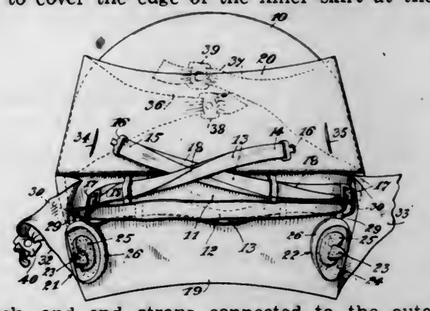
1. A method which comprises impregnating substantially throughout its body with an aqueous impregnating composition a cellulose fiber web tending to swell upon impregnation with such composition but being compressible to less than its original thickness, compressing the resulting impregnated and swollen web to less than the original web thickness and thereby dislodging aqueous impregnating composition from its surface portion, and infusing secondary liquid impregnant substantially only into said surface portion while the web is still recovering from its compressed condition and it is still wet with said aqueous impregnating composition.

2,132,864
BATHING CAP

Reba Suthers, Brooklyn, N. Y.

Application April 30, 1936, Serial No. 77,100
6 Claims. (Cl. 2—68)

1. In a bathing cap having a top an inner skirt fast to the top adapted to fit around the head, a strap holding the inner skirt to the head, a back outer skirt also fast to the top and adapted to cover the edge of the inner skirt at the

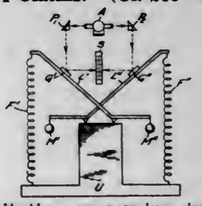


back, and end straps connected to the outer skirt adapted to draw it close against the head.

2,132,865
GRAVITATIONAL INSTRUMENT

Stephan Baron von Thyssen-Bornemisza, The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

Application October 16, 1935, Serial No. 45,189
In Germany October 5, 1934
4 Claims. (Cl. 265—1.4)

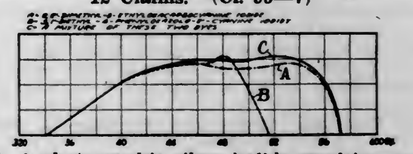


1. A gravitation measuring instrument comprising supporting means having a predetermined operating level, a plurality of opposite disposed levers mounted on said support and adapted to take inclined positions with respect thereto, a mass provided on each support subject to gravitational pull, whereby said levers take different angular positions with respect to said support depending upon the gravitational pull, whereby faulty increases or decreases in the measuring values of one lever, due to faulty positioning of the said supporting means outside its said predetermined operating level, are offset by a corresponding decrease or increase in the values given by a lever operating in a plane disposed at an angle with respect to that of said last-mentioned lever, all said levers contributing to one accurate measurement.

2,132,866
PHOTOGRAPHIC EMULSION

Burt H. Carroll, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

Application March 29, 1937, Serial No. 133,588
12 Claims. (Cl. 95—7)



1. A photographic silver halide emulsion containing a supersensitizing combination of at least one sensitizing dye, selected from the group consisting of 8-alkyloxacarbocyanine dyes in which

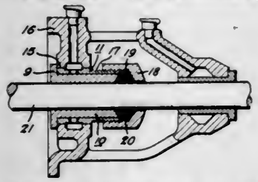
the 8-alkyl group contains at least two carbon atoms, with at least one sensitizing pseudocyanine dye.

2,132,867

METHOD OF MAKING BEARINGS

James H. Davis, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application June 11, 1936, Serial No. 84,607
4 Claims. (Cl. 29—149.5)



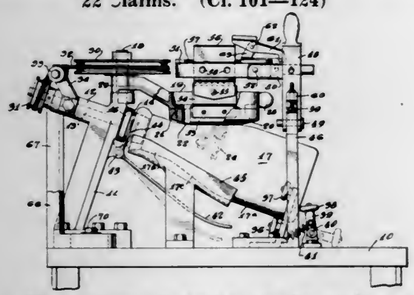
1. The steps in the method of making an integral cylindrical porous metal bushing having a cylindrical outer metal sleeve fixed thereto, comprising: briquetting powdered metals into bushing form, sintering the briquette until the metal particles thereof partially fuse and alloy together and form an integral porous metal bushing, forcing said porous metal bushing endwise into a cylindrical outer metal sleeve, then heating this assembly to such a temperature and for such a time period as will cause the porous metal bushing to at least partially alloy bond to said sleeve.

2,132,868

METHOD AND APPARATUS FOR DECORATING ARTICLES

David Denelsbeck, Huntington, W. Va., assignor to Owens-Illinois Glass Company, a corporation of Ohio

Application November 17, 1933, Serial No. 698,396
Renewed March 17, 1938
22 Claims. (Cl. 101—124)



1. The method of decorating the surface of a cone which comprises causing rolling contact of said surface with a flat stencil screen by rotating said surface about its axis and simultaneously causing a movement of the screen relative to the cone about an axis intersecting the axis of the cone at its apex.

2,132,869

CELLULOSE ACETATE LACQUERS CONTAINING OXIDIZED CELLULOSE ACETATE

Charles R. Fordyce and Martti Salo, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

No Drawing. Application December 15, 1936, Serial No. 115,971
2 Claims. (Cl. 134—79)

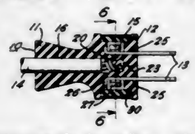
1. A cellulose acetate lacquer comprising oxidized cellulose acetate in the proportion of from 1 to 12 parts of oxidized cellulose acetate per 4 parts of cellulose acetate, the lacquer having the property of adhering firmly to metal and other surfaces to which it is applied, and of continuing to adhere when the lacquered surface is bent.

2,132,870

ELECTRIC CONNECTER PLUG

Harvey D. Geyer, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application November 29, 1935, Serial No. 52,172
2 Claims. (Cl. 173—361)



1. An electric push-in plug attached to the end of a flexible electric cord, said plug comprising: two metal contact prongs, a resilient rubber main body having two spaced recesses into which said two prongs are snugly inserted and a second recess communicating with the inner ends of said prongs into which the flexible cord is snugly inserted, the portion of said resilient body opposite said second recess having a normally closed slit therein which may be temporarily opened by flexure of the rubber body to aid insertion of said cord, said rubber body having a molded peripheral opening permitting access to the inner ends of both of said prongs and the flexible cord after insertion in said body whereby said cord may be properly connected to said prongs, and a separate elastic closure ring for said peripheral opening snapped in place after said cord has been connected to said prongs and holding said slit normally closed.

2,132,871

HYDROLYSIS OF MIXED ESTERS OF CELLULOSE

Carl J. Malm and Loring W. Blanchard, Jr., Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

No Drawing. Application January 22, 1938, Serial No. 186,469
6 Claims. (Cl. 260—102)

1. The process of hydrolyzing a mixed organic acid ester of cellulose containing at least 25% of fatty acid groups of more than 10 carbon atoms which comprises treating the ester in a hydrolyzing bath in which the solvent essentially consists of chloracetic acid, the aggregate water content of the bath being 10–25%.

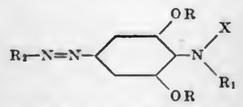
2,132,872

AZO COMPOUNDS AND PROCESS FOR DYEING THEREWITH

James G. McNally and Joseph B. Dickey, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

No Drawing. Application October 8, 1936, Serial No. 104,713
19 Claims. (Cl. 8—50)

2. An azo compound having the general formula:



wherein R and R_1 each represent a member selected from the group consisting of an alkyl group, a hydroxyalkyl group and an alkoxyalkyl group, X represents a member selected from the group consisting of hydrogen, an alkyl group, a hydroxyalkyl group and an alkoxyalkyl group and R_2 represents an aryl nucleus.

2,132,873

METHOD OF HANDLING VISCOUS CELLULOSIC MASSES

Samuel G. Milhorn, Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

No Drawing. Application December 4, 1936, Serial No. 114,265
5 Claims. (Cl. 260—102)

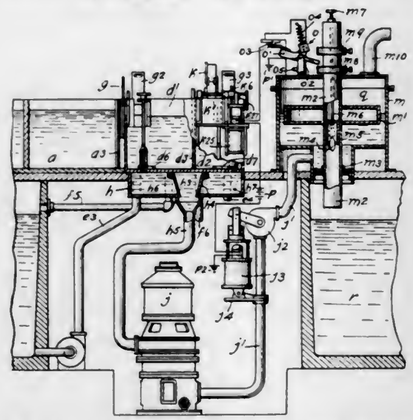
1. The method of facilitating the pumping of a viscous mass comprising a solvent-soluble fatty acid ester of cellulose and a solvent therefor through a relatively restricted passage which comprises uniformly bleeding into the mass at a point near the beginning of the passage, 5–100% of a liquid of comparatively low viscosity, which is compatible with the solution of the cellulose ester, so as to form a lubricating layer between the mass and the walls of the passage, which will facilitate travel of the mass through the passage.

2,132,874

APPARATUS FOR MAKING UP BATCHES OF PAPER STOCK

Charles W. Morden, Portland, Oreg.

Application June 18, 1935, Serial No. 27,225
12 Claims. (Cl. 92—46)



1. In an apparatus of the character described for making up batches of flowable material, a batch make-up receptacle, a receiving receptacle, means for transferring the contents of said make-up receptacle to said receiving receptacle, a float in said receiving receptacle, a vertical pipe carried by said float thru which said receiving receptacle discharges, an inlet orifice in said pipe located a predetermined distance below said float, whereby said receiving receptacle will discharge thru said orifice in said pipe at constant pressure.

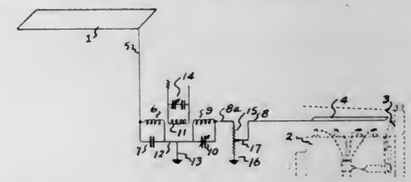
6. In an apparatus of the character described including a make-up receptacle for making up paper stock comprising various ingredients, a means for introducing measured quantities of material into said make-up receptacle, said means comprising a rockable member including a spout, a dipper carried by said rockable member and discharging into said spout, a supply tank into which said dipper is lowered, said dipper having a filling and drainage slot in one side, and said dipper being adjustable on said rockable member so as to vary the discharge therefrom, from a partial to the complete emptying thereof, and means for controlling the movement of said rockable member.

2,132,875

INTERFERENCE SUPPRESSION SYSTEM FOR RADIO APPARATUS

William H. Myers, Detroit, Mich., assignor to The Crosley Radio Corporation, Cincinnati, Ohio, a corporation of Ohio

Application September 28, 1934, Serial No. 745,959
1 Claim. (Cl. 250—20)



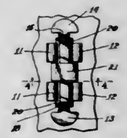
In an automobile, a radio set, a capacitative signal receiving antenna, a second capacitative antenna located beneath the hood of said automobile and adjacent sources of electrical interference produced by the ignition system of said automobile, and shielded from signal by said hood, and means for applying the voltages picked up by said two antennas to said radio set in out of phase relationship, said means comprising a transformer having a coil connected to said radio set, a second coil connected to said signal receiving antenna, a fixed condenser shunting said coil, a third coil connected to said second antenna, a settable capacity shunting said third coil whereby phase adjustment may be made in installing said radio set, said several coils being in inductive relationship, and the coupling between said coils being fixed, and a potentiometer with a leg to ground located in the connection between said third coil and said second antenna whereby to attenuate the voltage picked up by said second antenna.

2,132,876

DECORATIVE BUCKLE

William L. Myers, Newark, N. J.

Application May 13, 1937, Serial No. 142,329
8 Claims. (Cl. 2—245)



1. A decorative buckle embodying therein a clip having oppositely disposed rolled spring jaws and provided with means whereby it may be attached to an article, and a decorative face plate having on the back thereof a strap spaced from said plate and of a width and thickness to pass between and tension said jaws, said strap being provided with abutments engageable with an end of the jaws to prevent relative longitudinal movement of said strap and said jaws the portion of said strap presented toward said plate being of reduced width as compared with the outwardly presented surface thereof.

2,132,877
MANUFACTURE OF ARTICLES FROM STEEL ALLOYS
Friedrich Karl Naumann, Essen, Germany, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany
No Drawing. Original application November 22, 1933, Serial No. 699,300. Divided and this application October 7, 1936, Serial No. 104,437. In Germany December 7, 1932
2 Claims. (Cl. 75—126)

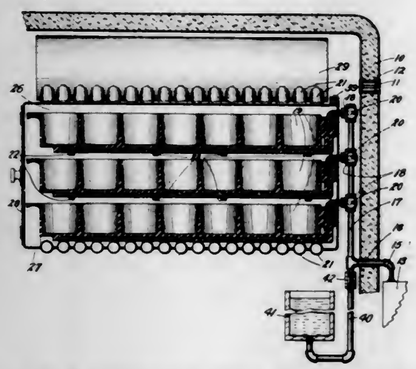
1. Articles which in their normal use are subjected to the attack of hydrogen at high hydrogen partial pressures and high temperatures, said articles being composed of a steel alloy consisting of carbon not over 1%; metal from the group chromium, molybdenum, tungsten and vanadium, to increase the creep strength, within the limits: up to 10% for chromium and up to 3% molybdenum, tungsten and vanadium; an amount of titanium sufficient to protect the carbon, but not more than 5%; the remainder substantially iron with silicon not over about 1.5% and a manganese content within the usual range for low alloy steels.

2,132,878
MEANS FOR LOOSENING OR TIGHTENING CLOSURES
Louis Palmeri, Wethersfield, Conn.
Application December 23, 1935, Serial No. 55,789
1 Claim. (Cl. 215—46)



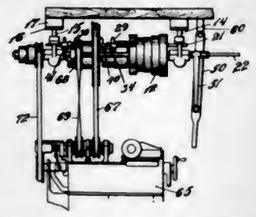
In combination with a closure having a peripheral groove in the side and a single boss extending from the top thereof; a tool having, as an integral part thereof, a ring shaped portion adapted to engage said groove, and a boss engaging portion on a plane with the top of said cover and extending inwardly from said ring portion in position to engage said boss at two sides thereof.

2,132,879
MECHANICAL REFRIGERATOR
George L. Pownall, New Richmond, Ohio
Application September 9, 1935, Serial No. 39,691
14 Claims. (Cl. 62—108.5)



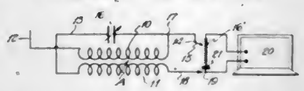
12. As a humidifying device, a unitary removable ice tray for a mechanical refrigerator comprising a multiplicity of ice mold members arranged in longitudinal and transverse rows, and means integral with the tray providing passages for the discharge of air under pressure through the interior bottom of each of said molds, said means adapted for connection with a source of air pressure supply.

2,132,880
BELT SHIFTING APPARATUS
Charles A. Rich, Providence, R. I., assignor to Brown & Sharpe Manufacturing Company, a corporation of Rhode Island
Application March 6, 1936, Serial No. 67,480
16 Claims. (Cl. 74—242.1)



1. In a belt shifting apparatus for a pair of belts, a belt guide for each belt, a shipper lever, and means operable upon movement of the shipper lever comprising a single rod through which all movement is transmitted for selecting and moving one of said guides without moving the other, said means being adapted for rocking movement for engaging the guide selected.

2,132,881
TUNED ANTENNA SYSTEM
Joseph Ruig Rigandi, Westerleigh, N. Y.
Application October 19, 1936, Serial No. 106,281
7 Claims. (Cl. 250—20)

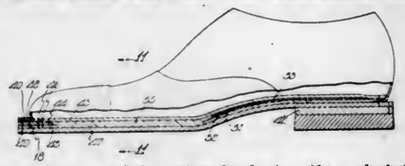


1. An antenna circuit adapted to be built into a conventional radio receiving circuit, said antenna circuit including an inductance coil, having a primary and secondary winding a variable condenser electrically connected to both the primary and secondary winding and a variable resistance, a fixed condenser in series with said variable resistance, a connection connecting said variable resistance in shunt with the input of the first tube of a conventional receiver circuit and variably connected to both the primary and secondary winding of the inductance coil, an exterior antenna wire, and a switch for connecting and disconnecting said antenna wire to the primary winding of the inductance coil.

2,132,882
SHOE CONSTRUCTION
Joseph Ruig Rigandi, Westerleigh, N. Y.
Application April 29, 1937, Serial No. 139,661
3 Claims. (Cl. 36—16)

1. In a shoe construction, an upper, an inner sole, a welt member secured directly to the inner sole, a skeleton midsole secured to the inner sole, and spaced therefrom by the welt member, an outer sole, said outer sole being spaced from the inner sole by the skeleton midsole and the welt member to provide a space or chamber in which is disposed a cushioning material, and a shank

stiffener mounted in the space or chamber between the inner and outer sole, said shank stiff-



ener being rigidly attached to the skeleton midsole at its forward end only.

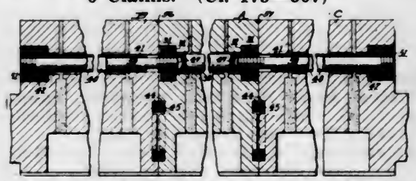
2,132,883
METHOD OF COATING FERROUS METAL WITH A WATER INSOLUBLE METALLIC PHOSPHATE
Gerald C. Romig, Elkins Park, Pa., assignor to American Chemical Paint Company, Ambler, Pa., a corporation of Delaware
No Drawing. Application April 30, 1937, Serial No. 139,947
12 Claims. (Cl. 148—6.5)

5. In the art of coating ferrous metal surfaces with a water insoluble metallic phosphate, the substantially continuously operable method which includes spraying a succession of pieces with an aqueous acid phosphate coating solution which is substantially free of dissolved iron, collecting the run-off for re-use in the spraying operation, and substantially continuously adding to the solution regulated quantities of the acid phosphate and of a soluble salt of nitrous acid sufficient to maintain the sprayed solution substantially constant as to its metal content and pH and also substantially free of dissolved iron.

2,132,884
CELLULOSE ORGANIC ESTER COMPOSITION CONTAINING A BUTYL-P-TOLUENE SULPHONAMIDE
Henry B. Smith, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
No Drawing. Application May 31, 1934, Serial No. 728,390
14 Claims. (Cl. 106—40)

1. A composition of matter comprising a cellulose organic acid ester and as a plasticizer therefor a butyl p-toluene sulphonamide.

2,132,885
MAGNETIC CHUCK
Howard E. Tracy, Worcester, Mass., assignor to O. S. Walker Co. Incorporated, Worcester, Mass., a corporation of Massachusetts
Application September 10, 1937, Serial No. 163,253
6 Claims. (Cl. 175—367)

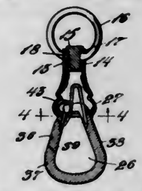


1. A magnetic chuck comprising a plurality of separate chuck sections, a separate device to longitudinally reenforce each section, and means coaxial with said reenforcing devices effective to hold said sections in assembled longitudinal alignment.

2,132,886
METHOD OF PREPARING COLLOIDAL COMPOUNDS OF SILVER AND MERCURY
Earl V. Voelker, Seattle, Wash., assignor to S. M. Laboratories, Inc., Seattle, Wash., a corporation of Washington
No Drawing. Application June 2, 1934, Serial No. 728,787
2 Claims. (Cl. 167—14)

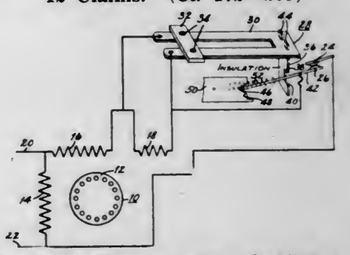
1. The process of preparing water-soluble, protein-protected, combination colloid of silver and mercury, which comprises dissolving a protein in alkaline solution, adding thereto in the same step solutions of a silver salt and a mercury salt, and maintaining the resulting mixture at an elevated temperature until the silver and mercury assume colloidal form.

2,132,887
SWIVEL CONNECTER
William A. H. Wells, Edgewood, R. I.
Application May 22, 1937, Serial No. 144,193
6 Claims. (Cl. 24—240)



5. A connecter comprising a hollow body having an end wall with an opening therein, a hook member having a shank portion having one end in said body and extending out through said opening, said end having laterally extending fingers with a recess in said shank between the fingers, a tongue having an end in said body and extending out through said opening and rockable about the edge of said opening upon the side wall of said hollow body only, said tongue end having laterally extending wings to move toward and from the free ends of said fingers as rocking occurs without engaging the same and serving to prevent sidewise twisting of the tongue into a position for removal thereof through said opening, said tongue having a recess therein, and a spring having its ends in interfitting position in the recess of said shank and tongue to urge said tongue toward one extreme of its rockable position.

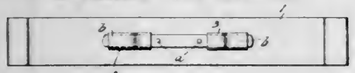
2,132,888
CONTROL SYSTEM
Calvin J. Werner, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application August 26, 1935, Serial No. 37,795
12 Claims. (Cl. 172—279)



1. In combination, a motor having a rotor, starting and running windings, and a third winding connected to the starting winding and mag-

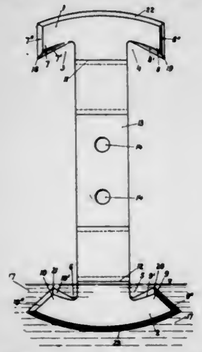
netically associated with the rotor; a thermal-responsive switch having a thermal-responsive element and a pair of cooperating contacts one of which contacts is actuated by the thermal-responsive element to effect engagement and disengagement of the contacts, said thermal-responsive element being connected across the third winding and in series with the starting winding so that the starting winding current and third winding current effect heating of the thermal-responsive element to operate the contacts.

2,132,889
FINGERNAIL BUFFER
Etta Ayres, New York, N. Y.
Application March 10, 1937, Serial No. 130,171
2 Claims. (Cl. 132—78)



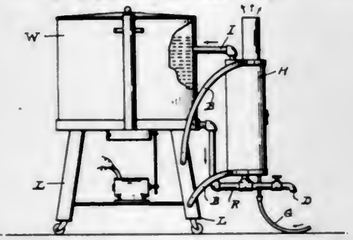
1. A finger nail buffer, comprising a spring strip or holder provided with upstanding arms or grips intermediate its ends, a flexible strip of fabric or animal skin of substantially the same width as the spring strip but of lesser length, a slotted V-shaped clip removably secured upon each end of the flexible strip adapted to be removably attached to ends of the spring strip, whereby the parts are held in assembly by the expansive pressure of the spring strip, and said strip is arched and the flexible strip drawn taut, substantially as described.

2,132,890
LUBRICATING MEANS FOR BEARINGS
Victor Alexander Bary, London, England, assignor to Walter Peyinghaus, trading as Eisen- und Stahlwerk Walter Peyinghaus, Egge, near Volmarstein, Ruhr, Germany
Application July 9, 1934, Serial No. 734,298
In Germany July 17, 1933
1 Claim. (Cl. 308—86)



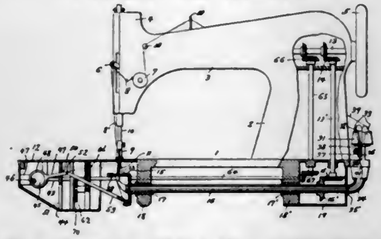
An axle bearing comprising an axle box housing, a bearing brass adapted to receive an axle journal, a lubricant store in said housing, feeding means adapted to lift lubricant from said lubricant store, said feeding means comprising a rod-shaped center piece, feed blades on said center piece, said feed blades designed as segments of a ring and extending T-shaped across the rod-shaped center piece of said feeding means, a collecting member for the lubricant in the annular space swept over by the said feed blades during the rotation of the feeding means, said rod-shaped center piece bent around said collecting member, said bend being at a shorter distance from the axis of rotation than the inner edge of the feed blades facing the axis of rotation.

2,132,891
WASHING MACHINE
Carroll R. Dale, Wink, Tex.
Application April 12, 1937, Serial No. 136,452
1 Claim. (Cl. 68—191)



The combination with a water heater and a washing machine including supporting legs, of upper and lower substantially U-shaped brackets having their bight portions connected with the heater, means for connecting one end of each bracket to one leg and the other end to another leg, said brackets extending downwardly from the heater to the said legs.

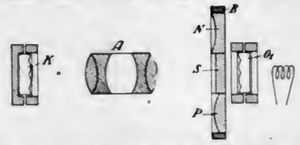
2,132,892
SEWING MACHINE
Booker W. Davidson, Michigan City, Ind.
Application September 9, 1937, Serial No. 163,129
6 Claims. (Cl. 112—201)



2. In a sewing machine, the combination with a reciprocatory needle and a source of thread supply for said needle, of a rotary loop taker below said needle operative to engage the thread and form a loop therein, and loop pick up mechanism operative to free the loop from engagement with said loop taker and to carry said loop into a position intermediate said needle and loop taker and including a hook member mounted for vertical swinging and reciprocatory movement, and means for moving said hook member.

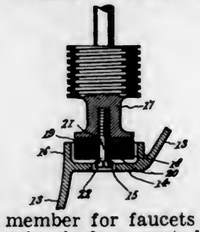
2,132,893
PHOTOGRAPHIC PRINTING
John Eggert, Leipzig-Gohlis, and Gerd Heymer, Wolfen Kreis Bitterfeld, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
Application July 17, 1935, Serial No. 31,924
In Germany July 24, 1934
4 Claims. (Cl. 88—24)

4. An apparatus for printing photographically from a lenticular film comprising portions which have been taken with objectives of different focal lengths which film carries control marks at the points where changes in focal length of objective occur comprising means for holding said lenticular film and a printing film in printing relation, a copying optic, compensating means for the different focal lengths in different film



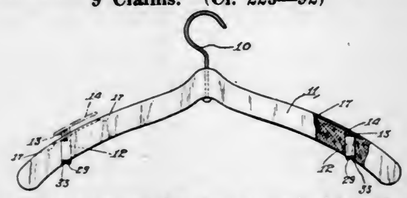
portions and means actuatable by the said control marks for operating said compensating means to insert the correct compensating agent into the copying optic.

2,132,894
WASHER FOR FAUCETS
Miguel Esnard, Matanzas, Cuba, assignor of one-fourth to Shelby Hart Rowlett, Habana, Cuba
Application June 30, 1937, Serial No. 151,272
1 Claim. (Cl. 251—46)



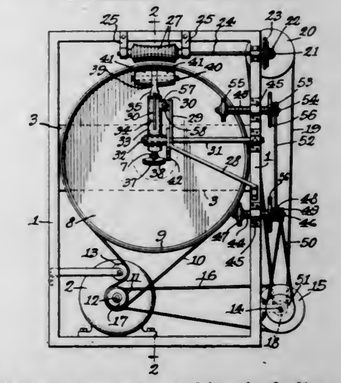
A closure member for faucets having a valve seat and a valve body mounted for movement toward and from the seat, comprising a soft rubber block with a hardened upper surface for engaging the lower end of the valve body, said block having a central opening therethrough and a valve stem engaging through the opening in the rubber block and having a head on its lower end to engage the lower surface of the block to hold the same on the stem and having an upper threaded end for detachable engagement in the valve body, said stem having a cylindrical portion between the head and the threaded end of greater length than the thickness of the block to admit free turning of the block on the valve stem, the opening through said block being of substantially greater diameter than that of the cylindrical smooth portion of the stem to provide an annular passage through the block between the latter and the stem, said block adapted to be compressed by the valve body against the valve seat for deforming the block to close the opening about the valve stem and seal the latter in the block and for sealing the block against the valve seat.

2,132,895
GARMENT HANGER
James F. Fewster, Morrisville, Pa.
Application December 4, 1937, Serial No. 178,175
9 Claims. (Cl. 223—92)



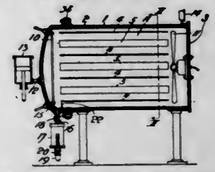
1. In a garment hanger, a central suspension means and shoulder supports the upper surfaces of which diverge downwardly from the suspension means, a hook carried by each support and comprising a shank vertically slidable in a recess in the support and a bill in parallelism to the general direction of extension of the adjacent portions of the upper surface of the hanger, the bill of said hook in a lowered position being substantially concealed within the recess in the support and having its upper surface substantially flush with the upper surface of the support, and in an elevated position being in spaced relation to the support surface to permit introduction of the shoulder element of a garment therebetween, and means to retain said hook in either of said positions.

2,132,896
TIRE TREAD REMOVER
Wilfred Guy Fritts, Lexington, N. C.
Application December 30, 1937, Serial No. 182,606
4 Claims. (Cl. 164—61)



1. A tire stripping machine including a cylindrical cutter, means for rotating the same, a concave feed roll outside of but adjacent to the cutter, means for rotating the same in one direction, a convex feed roll, a support therefor mounted for swinging movement, said support being spaced from the cutter to provide a clearance for the insertion of a tire into position between the rolls and encircling the supporting structure of the swinging roll.

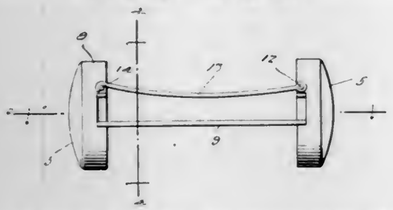
2,132,897
METHOD OF AND APPARATUS FOR DRYING SUBSTANCES WHICH CONTAIN LIQUIDS
Johan Georg Wilhelm Gentele, Stockholm, Sweden
Application September 20, 1935, Serial No. 41,486
In Sweden September 27, 1934
2 Claims. (Cl. 34—30)



1. Method of drying in vacuo liquid containing food substances susceptible to change under the action of heat, comprising placing said substances on metallic supports in a closed chamber and heat insulating said supports from metal surfaces of the apparatus, thus preventing heat from being transferred by conduction to said supports from

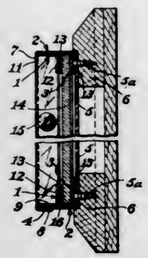
said metallic surfaces, evacuating the chamber and supplying radiant heat from heating elements heated to at least 200° C. and located above and below each metallic support and at a distance from the same, the heat rays emanating from the heating elements located above the supports acting directly on the substances lying on said supports, and the heat rays emanating from the lower heating elements being first absorbed by the metallic supports from which heat is transferred to the products lying on the same, interrupting the heating before all the moisture is driven out from the substances and cooling the vapour driven off from the substances so as to be rapidly removed from the same.

2,132,898
ATTACHMENT FOR ELECTRIC RAZORS
Lionel Hamel, Waterbury, Conn.
Application March 25, 1938, Serial No. 198,121
2 Claims. (Cl. 30—41)



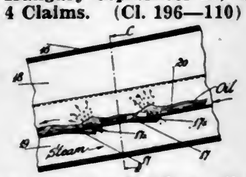
1. In combination with an electric razor having a head open at the respective opposite ends thereof, end caps for the ends of said head, a rigid bar connecting said caps rearwardly of the head and adapted to be disposed against the underside of the body of the razor, a hook pivoted at one end to one of said caps, and a keeper member on the other of said caps with which said hook is engageable for releasably securing the caps in position on said head, said hook being disposed above said bar to accommodate the body of the razor between itself and said bar.

2,132,899
SIGN
Aubrey F. Hart, New York, N. Y.
Application June 29, 1938, Serial No. 216,564
7 Claims. (Cl. 40—152)



1. An interfitting frame for displaying pictures, signs and the like, comprising a back recessed to support the device displayed, a lower frame carried by the back to support a sheet of transparent material within its margins, a complementary upper frame seated on the lower frame, said complementary frame having a marginal retaining flange for securing said transparent sheet over the device displayed, and means for fastening said frames together.

2,132,900
OIL DISTILLING APPARATUS
László Hunyadi and Imre Koch, Budapest, Hungary
Application December 7, 1936, Serial No. 114,700
In Hungary September 19, 1936
4 Claims. (Cl. 196—110)



4. An apparatus for distilling oil including a heat flue, a coil disposed in said flue and having a transverse partition provided with openings, means for flowing oil downwardly through said coil over the top of said partition and across the openings, means for supplying steam to the lower end of the coil and to the space below said partition whereby the steam will flow inwardly in said coil and pass through the openings in the partition to bubble through the oil, means at the bottom of the coil for collecting oil, and means at the top of the coil for conducting away the combined steam and fractional oil vapors.

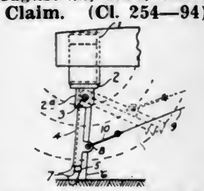
2,132,901
AGENT FOR AND PROCESS OF SIZING TEXTILE FIBERS
Kurt Jochum, Frankfort-on-the-Main, and Hermann Geier, Koenigstein in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application December 19, 1929, Serial No. 415,348. Renewed November 3, 1934. In Germany December 24, 1928
8 Claims. (Cl. 134—21)

6. As a sizing agent for textile fibers, a solution of a polyvinyl alcohol.

2,132,902
FLOTATION PROCESS
Samuel Lenher, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 14, 1934, Serial No. 730,551
26 Claims. (Cl. 209—166)

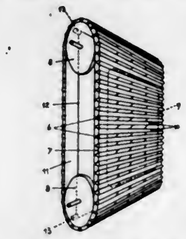
1. A process for the froth flotation of negatively charged non-sulfide ores which comprises frothing an aqueous suspension of said ores in the presence of an organic compound, the surface active portion of which is a positive ion.

2,132,903
JACK FOR LIFTING AUTOMOTIVE VEHICLES
Gilbert Clifford MacMurray, Calgary, Alberta, Canada
Application August 22, 1936, Serial No. 97,434
1 Claim. (Cl. 254—94)



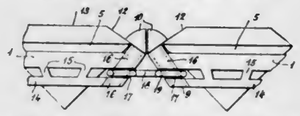
In an automotive vehicle lifting jack, a bearing bracket having a socket open at one side, a wrist pin within the socket of said bracket, a channel shaped elongated strut pivotally suspended at one end from said wrist pin having parallel ears projecting from its longitudinal edges intermediate the length thereof, a saddle yoke pivotally connected to the ears of said channel strut, a second solid strut of greater length then the channel strut pivotally suspended at one end from said wrist pin and adapted to nest within the channel strut, a third solid strut of greater length then said second strut pivotally suspended at one end from said wrist pin in parallel relation to said second strut and confined between the ears of the channel strut, a cable connected to said yoke for raising and lowering said struts, and a stop formed by the wall of said socket for limiting the pivotal movement of said struts when lowered to an operative position.

2,132,904
SCREEN FOR THREE-DIMENSIONAL PROJECTIONS
Arturo Martinez, Matteo Martinez, and Angelo Martinez, Turin, Italy
Application March 20, 1936, Serial No. 69,950
In Italy March 25, 1935
11 Claims. (Cl. 88—24)



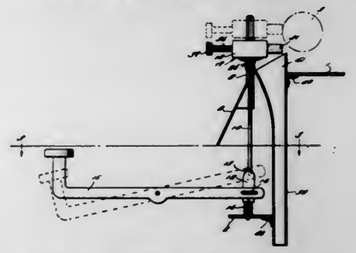
1. Screen for three-dimensional projections free to be displaced substantially in the plane of the projecting surface and comprising elements having curved specular surfaces arranged in rows transverse to the direction of displacement, which surfaces have in the direction of displacement relatively small radii of curvature, while in a direction transverse to displacement their radii of curvature are relatively large, the specular surfaces of each pair of succeeding rows being staggered to one another so that within a certain number of rows the strip-shaped reflexes obtained on said surfaces are laterally staggered to one another and during translation of the screen they displace themselves along paths which laterally merge in one another.

2,132,905
STONE SETTING DEVICE FOR JEWELRY OR OTHER APPLICATIONS
Victor Maynier, Paris, France, assignor to Société en nom Collectif V. Maynier & G. Pincon, Paris (Seine), France
Application January 5, 1937, Serial No. 119,115
In France June 24, 1936
4 Claims. (Cl. 63—29)



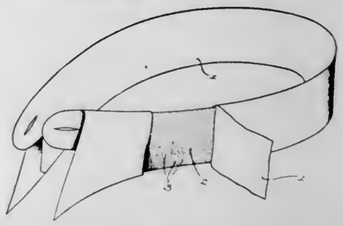
1. System of setting stones for jewelry or other applications, comprising bezels each having internally a surface in the shape of a tapered cup with concave generatrix, a stone inserted in each bezel, screws secured on the sides of each bezel and bearing through their heads on the edge of the stone inserted in the bezel, and a connecting member arranged between each pair of adjacent bezels and having its ends pivoted on the screws secured on the sides of these bezels.

2,132,906
TYPEWRITER ERASER
Frederick C. Schnabel, Hopkins, Minn.
Application March 11, 1938, Serial No. 195,373
2 Claims. (Cl. 197—181)



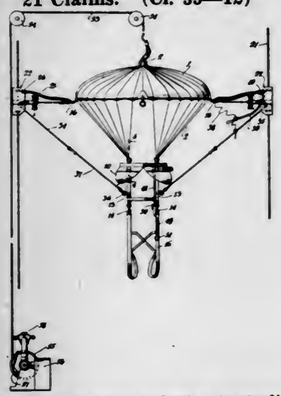
1. A typewriter eraser comprising, in combination, a plate adapted to be mounted transversely on a typewriting machine, guides adapted to be mounted vertically on the machine adjacent the platen thereof, a bar mounted for vertical reciprocation in the guides, a coil spring connecting the lower end of the bar to the plate for yieldingly resisting upward movement of said bar, a key lever pivotally mounted at an intermediate point and operatively connected, at one end, to the lower end portion of the bar for actuating said bar, and an eraser element mounted on the upper end of the bar and operatively engageable with the work on the platen.

2,132,907
MULTI-PLY ARTICLE AND METHOD OF MAKING SAME
Meyer Sperber, Philadelphia, Pa., assignor of fifty one-hundredths to Frank R. Redman, Yardley, Pa.
Application August 23, 1935, Serial No. 37,605
9 Claims. (Cl. 154—2)



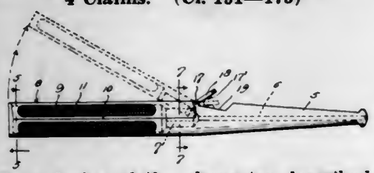
1. The method of making an interliner for use in the manufacture of multi-ply articles such as collars or the like which comprises applying to a sheet a coating of latently cementitious, substantially water-insoluble material, and thereafter providing said coated sheet with a multiplicity of perforations each of which is surrounded by a slightly raised portion of the coated sheet, which portion is bendable into its corresponding perforation to partially fill the same.

2,132,908
PARACHUTE TRAINING DEVICE
James H. Strong, Trenton, N. J.
Application November 11, 1936, Serial No. 110,285
21 Claims. (Cl. 35—12)



1. A parachute training device including a parachute canopy having a harness suspended therefrom by shrouds and means external of the canopy for opening the same.

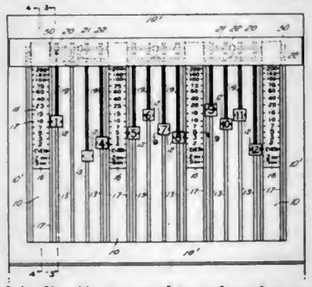
2,132,909
SMOKING APPLIANCE
Ray Glen Thomas, Ogden, Utah
Application June 22, 1936, Serial No. 86,666
4 Claims. (Cl. 131—175)



1. In a device of the character described, the combination of a mouthpiece having a longitudinal smoke passage and provided in its outer end with a slightly tapered socket adapted for retaining reception of the end of a cigar or cigarette, and a tubular casing carried by the outer end of and coaxial with said mouthpiece, said casing being freely perforated substantially throughout the entire length thereof and having a restricted bore portion near its inner end abruptly tapered inwardly and terminating flush with the outer end of the mouthpiece socket to guide the end of said cigar or cigarette into said socket of the mouthpiece.

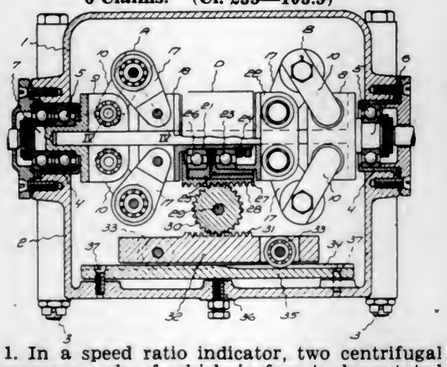
2,132,910
TOTALIZATOR
Henry George Watson, Camberwell, Victoria, and Henry Crockett Mitchell, Ascot Vale, Victoria, Australia, assignors to Duplex Totalisators Proprietary Limited, Melbourne, Victoria, Australia
Application August 2, 1935, Serial No. 34,444
In Australia August 13, 1934
16 Claims. (Cl. 235—61)

1. In a totalizator, a vertically movable indicating member, a rectilinearly movable cam consisting of a metal plate having one of its longitudinal edges of straight formation and its opposite edge in the form of a logarithmic curve, a follower engaging the curved face of the cam, mechanism for adjusting the position of the follower and operable in accordance with the number of investments, means connecting the cam



and said indicating member whereby same move in unison, and means for displacing the cam to correspond with movements imparted to the cam follower.

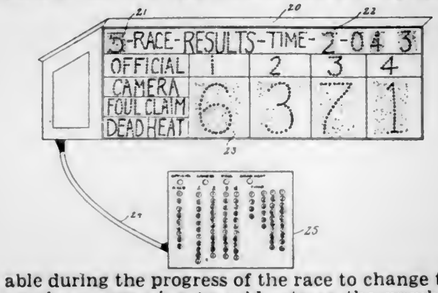
2,132,911
SPEED RATIO INDICATOR
Otto Gottfried Wellton, Rasunda, Sweden
Application October 3, 1935, Serial No. 43,435
In Sweden February 9, 1935
6 Claims. (Cl. 235—103.5)



1. In a speed ratio indicator, two centrifugal governors each of which is free to be rotated at any desired angular velocity, an intermediate member adapted to be mechanically actuated by one of said governors in the one direction and by the other of said governors in the opposite direction whereby the configuration of one governor positively determines the configuration of the other governor, and an indicating means adapted to be moved by said intermediate member in accordance with the changes in the configuration of said governors.

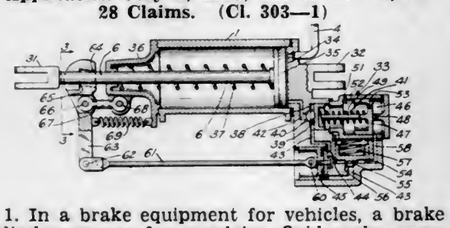
2,132,912
ELECTRICALLY CONTROLLED RACE TRACK INDICATOR BOARD
Harold Williams, New York, N. Y., assignor to Fordyce Kimbell, Chicago, Ill.
Application July 6, 1936, Serial No. 89,263
1 Claim. (Cl. 177—384)

An annunciator for horse races comprising at least three sets of selectively illuminable numbers, each number of a set corresponding to the number of a different horse in a race, an indicia adjacent each set indicating the running positions respectively of first, second and third, electrically controlled means for illuminating a number in one set to indicate the number of the horse running in the leading position in the race at a predetermined time, and similar means for illuminating a number in each of the other sets to indicate the numbers of the horses running in other positions in the race, said control means being oper-



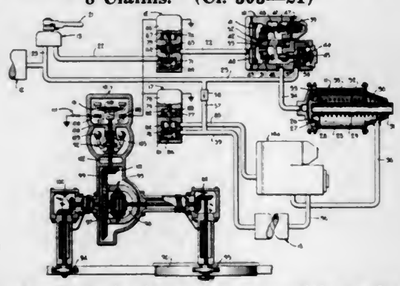
able during the progress of the race to change the numbers appearing in said sets as the numbers of the horses in said positions change during the progress of the race.

2,132,913
BRAKE CONTROL MEANS
Burton S. Aikman, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application July 6, 1935, Serial No. 30,121
28 Claims. (Cl. 303—1)



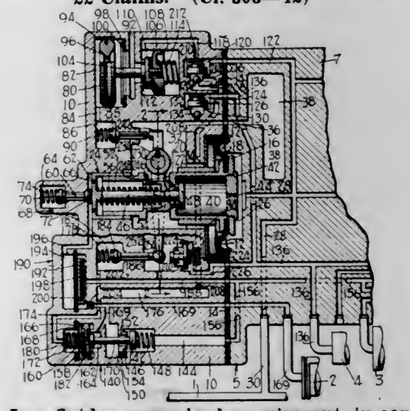
1. In a brake equipment for vehicles, a brake cylinder, means for supplying fluid under pressure to said brake cylinder to apply the brakes, and means subject to brake cylinder pressure and operative upon a predetermined brake cylinder pressure for effecting a partial release of the braking force occasioned by the brake cylinder pressure for a short interval of time, and for thereafter interrupting said brake releasing force to permit reapplication of the brakes to a value corresponding to brake cylinder pressure.

2,132,914
BRAKE CONTROL MEANS
Ellery R. Fitch, Irwin, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application June 29, 1937, Serial No. 150,920
8 Claims. (Cl. 303—21)



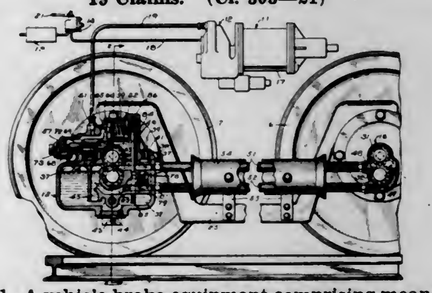
1. A vehicle brake system comprising a brake cylinder having a piston therein normally urged to a position to effect release of the brakes, means for effecting the supply of fluid under pressure to and the release of fluid under pressure from one side of said piston to cause movement of the piston to effect application and release of the brakes, and means effective automatically when a vehicle slips for causing fluid under pressure to be simultaneously released from the said one side of the piston and supplied to the opposite side thereof to cause release of the brakes.

2,132,915
EMERGENCY VALVE DEVICE
Burton S. Aikman, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application May 26, 1936, Serial No. 81,863
22 Claims. (Cl. 303—42)



1. In a fluid pressure brake equipment, in combination, a brake pipe, and an emergency valve device comprising a movable abutment subject to the opposing pressures of the fluid in the brake pipe and of the fluid in a pressure chamber, a poppet valve controlled by said abutment and controlling a passage through which fluid under pressure may be supplied from the brake pipe to the pressure chamber, and yielding resistance means opposing movement of the abutment to effect operation of said poppet valve to open communication through the passage controlled thereby.

2,132,916
BRAKE CONTROL DEVICE
Burton S. Aikman, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application February 17, 1938, Serial No. 190,949
19 Claims. (Cl. 303—21)



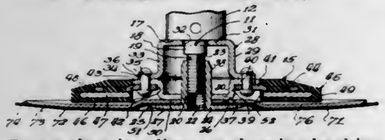
1. A vehicle brake equipment comprising means for causing application of the brakes, means for causing release of the brakes while the first said means is conditioned to cause application of the brakes, a chamber having fluid therein normally at a certain pressure, and means responsive to a certain increase or a certain decrease of fluid

pressure in the said chamber with respect to said certain normal pressure for causing operation of the brake releasing means to release the brakes.

2,132,917
ABRASIVE DEVICE

Frans O. Albertson, Sioux City, Iowa, assignor to Albertson & Company, Inc., Sioux City, Iowa, a corporation of Iowa

Application May 9, 1938, Serial No. 206,738
4 Claims. (Cl. 51—197)

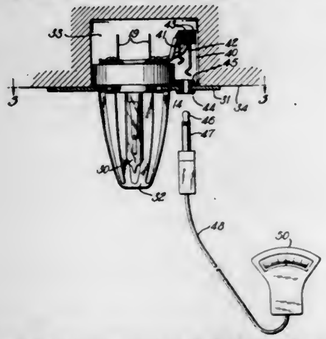


3. In an abrasive disc, an abrasive backing disc comprising a circular member provided with a plane body portion and a centrally located depression for receiving the head of a threaded member, said body portion carrying at its outer edge a frusto-conical backwardly turned portion for providing an increased area of contact with the work surface, said backing disc being constructed of a laminated fiber product impregnated with a phenolic condensation compound.

2,132,918
TESTING MEANS FOR FIRE PROTECTION SYSTEMS

Scott E. Allen, Glen Ridge, N. J., assignor to C-O-Two Fire Equipment Company, Newark, N. J., a corporation of Delaware

Application December 22, 1934, Serial No. 758,823
6 Claims. (Cl. 200—138)



1. A thermostatic control switch for a fire protection circuit, said switch comprising a base plate, a pair of switch elements normally in electrical contact carried by said base plate and projecting from the outer side thereof, one of said elements being adapted to cause a separation of the elements when subjected to a predetermined temperature, a bracket secured to the base plate at the inner side thereof, a pair of contact members carried by the bracket and insulated from each other and the bracket, and means electrically connecting said elements to said contacting members respectively, said base plate being formed with an aperture alined with said members.

2,132,919
CONTROL MECHANISM

Charles A. Arens, Chicago, Ill.

Application June 4, 1934, Serial No. 728,853
10 Claims. (Cl. 74—502)

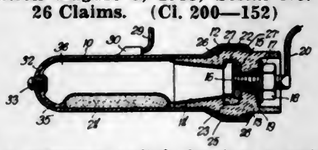
1. In a control mechanism, a movable control device, and means for controlling the movements of the control device, said means comprising a member adapted for rotational movement and for longitudinal displacement, said member having a screw thread thereon, a rotatable reactance device in engagement with said screw thread, said reactance device being rotatable by the screw thread as said member is longitudinally displaced without rotation, and means for imparting uniform resistance to rotation of the reactance device whereby to impart uniform resistance to such longitudinal displacement of said member, said resistance means also serving to hold the reactance device against rotation during rotation of the screw thread member whereby to impart longitudinal displacement to the member during rotation thereof.



2,132,920
SWITCH

Paul S. Bear and Herbert E. Bucklen, Elkhart, Ind., assignors to Bucklen-Bear Laboratories, Inc., Elkhart, Ind., a corporation of Indiana

Application August 5, 1935, Serial No. 34,682
26 Claims. (Cl. 200—152)



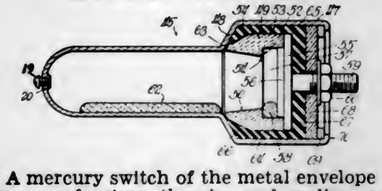
5. In a mercury switch having a switch envelope, an anhydrous alkaline liquid fill therein above the mercury in said envelope, the volume of said fill being such that complete vaporization thereof will not produce a pressure sufficient to rupture said envelope and associated parts of said switch.

24. A ceramic insert for a mercury switch comprising a cylindrical portion and an enlarged head portion having a tapered external surface converging toward the cylindrical portion, said insert having imperforate side walls and having a conical tapered runway terminating in a sharp peripheral edge defined by a radially extending groove terminating the conical runway.

2,132,921
SWITCH

Paul S. Bear, Elkhart, Ind., assignor, by mesne assignments, to Bucklen-Bear Laboratories, Inc., Elkhart, Ind., a corporation of Indiana

Application December 6, 1935, Serial No. 53,146
29 Claims. (Cl. 200—152)



7. A mercury switch of the metal envelope type having a refractory therein, and sealing means in said envelope for axially and radially compressing and floatably supporting said refractory therein.

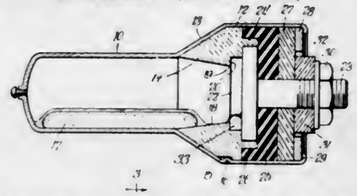
27. For a mercury switch, a ceramic insert and

terminal structure comprising a cylindrical portion and a head portion, a tapered recess extending axially into the insert, an enlargement at the small end of the tapered recess, the junction forming a sharp annular shoulder, said insert having imperforate side walls, an axially disposed electrode extending into the enlargement, and a stable body of mercury adapted to be trapped in the enlargement by said shoulder and standing above the edge of said shoulder.

2,132,922
SWITCH

Paul S. Bear, Elkhart, Ind., assignor, by mesne assignments, to Bucklen-Bear Laboratories, Inc., Elkhart, Ind., a corporation of Indiana

Application April 11, 1936, Serial No. 73,883
24 Claims. (Cl. 200—152)

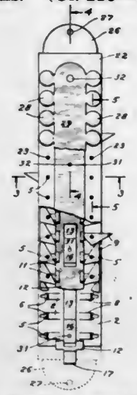


1. A mercury switch of the class described having a pair of spaced electrodes, one of said electrodes having a planar face portion, a recess having a transversely extending body of mercury in contact with said one electrode, a body of mercury in contact with said other electrode and movable normally to said face portion of said first electrode and a planar inclined floor leading from said other electrode to said recess, said last named body of mercury being movable along said floor toward said first electrode upon tilting of said switch with a straight line advancing edge extending parallel to said face portion and moving into simultaneous full length contact with said transversely extending body of mercury.

2,132,923
INDICATING DEVICE

Ove S. Beck, Alameda, Calif., assignor of one-half to Leroy B. Thomas, Berkeley, Calif.

Application January 14, 1936, Serial No. 59,077
10 Claims. (Cl. 116—134)

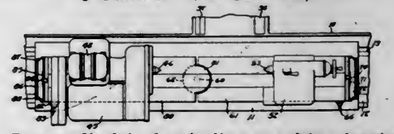


3. An indicating device comprising a support, a plurality of spaced indicators pivotally mounted on said support and movable by gravity from non-indicating positions to indicating positions, means for retaining said indicators in their non-indicating positions, means for selectively releasing each of said indicators for said gravitational movement from its non-indicating position to its indicating position, and means for simultaneously returning said indicators to their non-indicating positions.

2,132,924
CYLINDRICAL GRINDING MACHINE

Albert G. Belden, Worcester, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application January 29, 1938, Serial No. 187,615
3 Claims. (Cl. 51—232)



1. In a cylindrical grinding machine having a base, a longitudinally reciprocable carriage, a swivel table supported thereon, a headstock carried thereby, a second swivel table mounted on said carriage, a footstock supported thereon, a pivot stud fixed to said table which serves as a common pivot for the adjacent ends of said swivel tables, and an independent micrometer adjusting mechanism adjacent to the outer end of each swivel table to facilitate independent swivel adjustment of each swivel table.

2,132,925
DISPENSING SPOUT CARTON

Duryea Bensel, New York, N. Y., assignor, by mesne assignments, to Albert Borden, New York, N. Y.

Application January 24, 1935, Serial No. 3,246
11 Claims. (Cl. 229—17)



7. A blank for a carton comprising four body folds and a continuous extension including four substantially rectangular panels for forming an end closure, there being a score line between said folds and the extension and coextensive score lines between the respective folds and panels, said panels having therein score lines which provide triangular sub-panels to render the extension foldable into the closing position, and glue laps extending from two members of the sub-panels and being attachable to two other members of said sub-panels for holding the extension in said position.

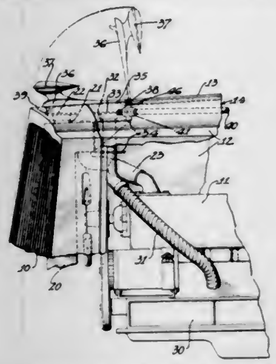
2,132,926
MOTOR VEHICLE

Frank C. Best, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan

Application January 27, 1936, Serial No. 61,027
4 Claims. (Cl. 180—69)

1. In a device of the class described the combination of a bonnet of an automobile having a stationary central part, a water filler conduit and oil filler conduit beneath said bonnet, said stationary part having an opening to permit access

to said conduits, a removable cover over said opening, a bracket supporting the said oil filler conduit adjacent the water filler conduit, and also



serving to support the forward end of the bonnet hinge plate, and at the same time as an anchor for the forward ends of the brace rods for the radiator shell.

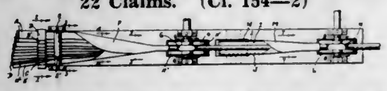
2,132,927

ROBE RAIL AND METHOD OF FORMING THE SAME

Frank A. Best, Windsor, Ontario, Canada

Application March 10, 1937, Serial No. 130,187

22 Claims. (Cl. 154—2)



10. The method of forming rope comprising impregnating a plurality of fabric strips with a latex material, cross sectionally spirally winding said strips in predetermined edge-overlapping relation and externally pressing into a condensed circular cross section.

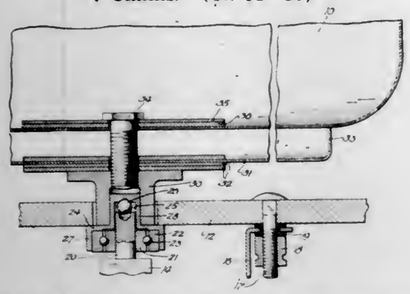
2,132,928

DRIVE ASSEMBLY

George R. Blanchard, Chicago, Ill.

Application November 25, 1936, Serial No. 112,659

7 Claims. (Cl. 64—30)



1. A drive of the character described comprising, in combination, a drive shaft, a ball bearing including an inner race rigid with said shaft and an outer race, and a driven member having an annular portion fitting snugly on the outer race and exerting a squeezing pressure thereon whereby said races normally rotate together, the bearing having a rolling action when the driven member is held against rotation.

2,132,929

SPINNING SOLUTION

Rudolph S. Bley, Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y., a corporation of Delaware

No Drawing. Application December 2, 1937, Serial No. 177,824

12 Claims. (Cl. 106—40)

1. A spinning solution for the production of artificial products comprising a viscose solution and a cation-active condensation product of a halogenated hydrocarbonaceous material selected from the group consisting of halogenated crude petroleums, halogenated gasolines, halogenated kerosenes, halogenated lubricating oils, halogenated pasty petrolatums, halogenated liquid petrolatums and halogenated paraffin waxes and a tertiary base selected from the group consisting of tertiary amines, tertiary phosphines, tertiary arsines and tertiary stibines, said condensation product being sufficiently soluble in said viscose solution to become cation-active therein.

2,132,930

VISCOSE SPINNING SOLUTION

Rudolph S. Bley, Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y., a corporation of Delaware

No Drawing. Application December 2, 1937, Serial No. 177,825

12 Claims. (Cl. 106—40)

1. A spinning solution for the manufacture of artificial products comprising a viscose solution and a cation-active condensation product of a halogenated hydrocarbonaceous material selected from the group consisting of halogenated crude petroleums, halogenated gasolines, halogenated kerosenes, halogenated lubricating oils, halogenated pasty petrolatums, halogenated liquid petrolatums and halogenated paraffin waxes and an organic sulphide selected from the group consisting of dialkyl sulphides, alkyl-aryl sulphides and diaryl sulphides, said condensation product being sufficiently soluble in said viscose solution to become cation-active therein.

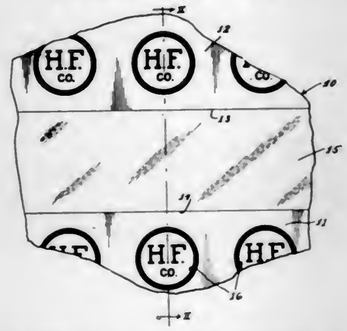
2,132,931

WRAPPING PAPER AND METHOD OF MAKING SAME

Stewart Bohn, St. Paul, Minn., assignor to Rapinwax Paper Company, St. Paul, Minn., a corporation of Minnesota

Application December 6, 1934, Serial No. 756,258

3 Claims. (Cl. 91—67.9)



1. The method of forming a wrapper for loaves of bread and the like, which comprises coating extensive end portions of a paper sheet to provide

rectilinear opaque areas spaced apart by an intermediate band of the uncoated sheet, printing a design on the opaque portions and impregnating the sheet throughout with wax to form a wax coating thereover and simultaneously transparentize the intermediate band of paper.

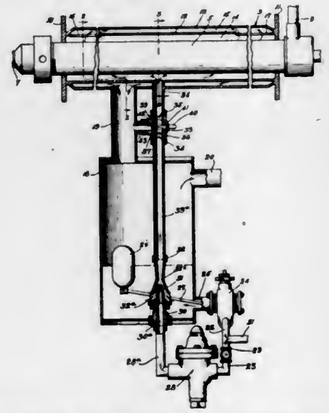
2,132,932

REFRIGERATING SYSTEM

Arthur H. Boileau and Albert L. Voggenthaler, Cedar Rapids, Iowa, assignors to Cherry-Burrell Corporation, Cedar Rapids, Iowa, a corporation of Delaware

Application April 20, 1936, Serial No. 75,370

24 Claims. (Cl. 62—114)



1. A refrigerating apparatus including a chamber to be refrigerated, and having an evaporator casing, a refrigerant storage vessel disposed at a lower elevation than said casing, and of greater total capacity than the latter, means for supplying refrigerant to said vessel, a conduit connecting the said vessel and the lowermost portion of said casing below the normal liquid level in said vessel, and means for forcing liquid refrigerant from said vessel upwardly through said conduit into said casing, whereby when said last mentioned means is not operating the liquid refrigerant may freely, rapidly and completely drain from said casing into said vessel below the liquid level in the vessel, and a passage connecting the upper portion of said casing and the upper portion of said vessel.

2,132,933

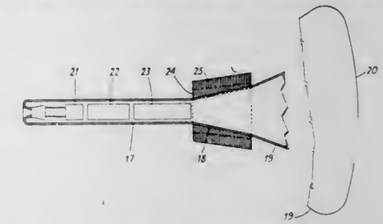
CATHODE RAY TUBE APPARATUS

Michael Bowman-Manifold, Worplesdon Station, Surrey, and Alan Dower Blumlein, Ealing, London, England, assignors to Electric & Musical Industries Limited, a corporation of England

Original application October 23, 1935, Serial No. 46,272. Divided and this application September 3, 1936, Serial No. 99,194. In Great Britain October 24, 1934

3 Claims. (Cl. 250—27.5)

1. A cathode ray tube including means for developing a cathode ray beam and fluorescing means adapted to respond to the impingement of said cathode ray beam thereon, an envelope, and means for controlling the deflection of the cathode ray beam comprising at least one coil wound about a solid figure the shape of which is substantially that defined by a straight line which rotates about another nonintersecting straight line, the two straight lines lying always in the same plane, for producing within said space a magnetic field at right angles to the axis of said space, said coil comprising a plurality of turns lying wholly outside the solid figure of which said space occupies a part, each of said turns comprising active portions lying substantially parallel to



said axis, said active portions being so distributed that when current flows in said coil, the magnetic field at all points in a plane at right angles to said axis is substantially uniform, and mounted on said envelope so as to produce a substantially uniform field at right angles to the axis of said tube.

2,132,934

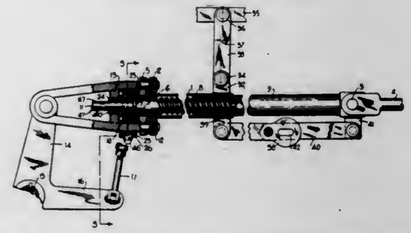
SLACK ADJUSTER

Aloysius Graham Brackenbury, London, England, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application November 10, 1936, Serial No. 110,088

In Great Britain December 4, 1935

3 Claims. (Cl. 188—202)



1. In combination with a brake rigging for a vehicle, comprising a pull rod, a rotatable brake shaft, a lever carried by said shaft and rotatable thereby, a slack take-up device extending between and operatively connecting said lever and rod and movable longitudinally by said lever to actuate said rod, and flexible means for supporting said slack take-up device from a relatively fixed part of the vehicle, the point of attachment of said flexible means to said fixed part being slightly to one side of a vertical line passing through the center of the point of attachment of the means to said slack take-up device.

2,132,935

BRAKE VALVE

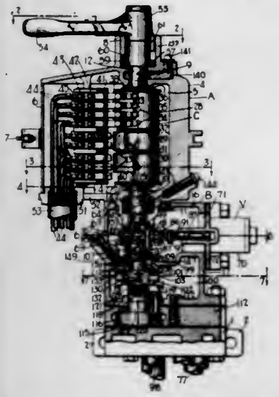
Rankin J. Bush, Jeannette, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application May 20, 1936, Serial No. 80,785

24 Claims. (Cl. 303—56)

1. In combination, a member having formed on an integral surface thereof a rotary valve seat, and an element secured to and removable from said member and having an exposed surface facing in the same direction as said integral sur-

face, said exposed surface having formed thereon a rotary valve seat disposed in a plane parallel



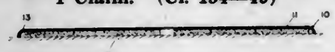
to that of the rotary valve seat on said integral surface.

2,132,936

FLOOR COVERING AND THE LIKE

Samuel C. Clark, Pontiac, Mich., assignor to Baldwin Rubber Company, Pontiac, Mich., a corporation of Michigan

Application July 22, 1935, Serial No. 32,618
1 Claim. (Cl. 154—49)



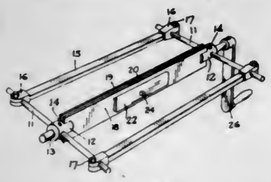
A floor mat having a relatively soft, yieldable padding of predetermined area for surface engagement with a floor, and a preformed cover of wear-resisting material of uniform thickness and of greater area than the padding disposed flat upon and secured to the upper face of said padding and terminating in spaced relation to the edges of the padding in arcuate portions for edge engagement with the floor, the floor-engaging edge portions aforesaid of the cover being in a common horizontal plane with the floor-engaging face of said padding.

2,132,937

SHEETING MACHINE

Sander Debus, Hastings, Nebr., assignor to U. S. Slicing Machine Company, a corporation of Indiana

Application April 8, 1935, Serial No. 15,206
7 Claims. (Cl. 242—55)



1. A winding reel including a pair of arms each secured to a spindle and projecting radially in opposite directions therefrom, a pair of bars each secured at its opposite extremities to said arms, a web spacer secured to said spindles and lying in a plane transverse to the plane of said bars, said reel and said web spacer being in permanently fixed angular relation, a clamp on said web spacer for securing thereto the free end portion of the material to be reeled, and a guide on said web spacer for the slidable insertion of a cutting blade to cut the webs of the material into sheets.

2,132,938

ANTENNA FOR MOVING VEHICLES

William G. Dunn, Clarinda, Iowa

Application June 7, 1937, Serial No. 146,704
5 Claims. (Cl. 250—33)



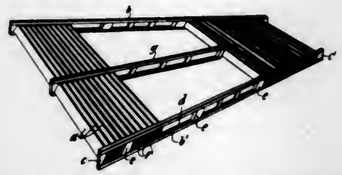
1. In a structure of the class described, an antenna member, means for pivotally supporting it on a moving vehicle, and means operatively associated with it adapted to be air actuated for raising the antenna on its pivot when the vehicle is traveling.

2,132,939

CONSTRUCTION OF WATER COOLING TOWERS

Robert Benjamin Elmer, Westminster, London, England, assignor of two-thirds to L. G. Mouchel and Partners, Limited, Westminster, London, England, a British company and Pierre Joseph Gerard, Westminster, London, England

Application October 20, 1937, Serial No. 169,954
In Great Britain October 28, 1936
9 Claims. (Cl. 261—108)



1. In a water cooling tower a cooling stack comprising a plurality of pairs of side frames extending across the tower, a plurality of layers of louvers the end portions of which extend respectively into openings in the side frames, each pair of which is designed to accommodate one layer of louvers, and distance pieces adapted to be inserted in said openings and to engage said louvers whereby to hold the latter in the desired inclined position in spaced relationship between the side frames.

2,132,940

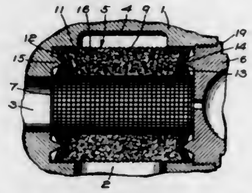
AIR STRAINER

Clyde C. Farmer, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application December 22, 1934, Serial No. 758,779
Renewed April 15, 1937
11 Claims. (Cl. 183—49)

1. In a strainer, in combination, a hollow wire mesh core, the strands of the mesh extending in the direction of the length of said core projecting beyond the ends of said core and being bent outwardly to form lugs, a hollow wire mesh body portion surrounding said core and spaced therefrom, the strands of the mesh extending in the direction of the length of said body portion projecting beyond the ends of said body portion and

being bent inwardly to form lugs, the ends of the lugs of said core and the lugs of said body portion being spaced apart transversely of said core and body, a mass of straining material



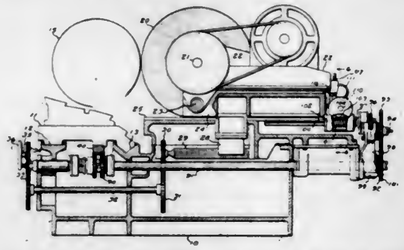
packed in the space between said core and body portion, and a ring of flexible material at each end of the strainer interposed between said core and body portion and retained in position by said lugs.

2,132,941

ROLL GRINDING MACHINE

Carl G. Flygare, Worcester, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application December 24, 1935, Serial No. 56,047
2 Claims. (Cl. 51—95)



1. A roll grinding machine comprising a base, a longitudinally movable work supporting table thereon, a rotatable work support on said table, means including a rack to reciprocate said table longitudinally, a transversely movable slide, a rotatable grinding wheel, a support for said wheel, pivotal connections between said support and slide, a rotatable cam, a shaft supporting said cam which is rotatably mounted on said slide, a follower roller rotatably mounted on the wheel support and arranged to engage said cam, a worm and worm gear supported on said slide and arranged to rotate said cam, means to eliminate the backlash between the worm and worm gear, a rotatable shaft in the base, gear connections between the table rack and said shaft whereby the shaft is rotated when the table is reciprocated, a backlash eliminator associated with said gearing, change gears connecting the other end of said shaft and said worm, and means to eliminate backlash in said change gears so that the rocking movement of the wheel slide is accurately synchronized with the table reciprocation so as to produce a predetermined crown on the roll being ground.

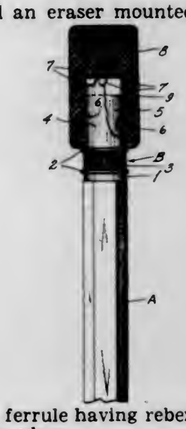
2,132,942

PENCIL AND ERASER

Arthur W. Forsyth, Maplewood, Mo., assignor to Wallace Pencil Company, St. Louis, Mo., a corporation of Missouri

Application March 26, 1938, Serial No. 198,199
4 Claims. (Cl. 120—38)

1. A pencil having a hollow ferrule mounted thereon and an eraser mounted on said hollow



ferrule, said ferrule having rebent prongs holding the eraser in place.

2,132,943

AUTOMATICALLY IGNITED AND EXTINGUISHED HOT WATER SHAVING BRUSH

William G. Frazier, Philadelphia, Pa.

Application May 4, 1937, Serial No. 140,588
9 Claims. (Cl. 132—80)



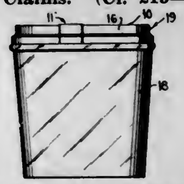
1. In a shaving brush, a sectional casing, one section of which contains fuel and an igniting unit, and another section of which forms a water tank and carries a fountain brush, means to effect relative movement of said sections to admit air to the igniting unit, and means controlled by the temperature of water in the water tank to automatically prevent admission of air to the igniter unit when the temperature of the water reaches a predetermined degree.

2,132,944

METAL CLOSURE AND CAP FOR JARS, BOTTLES, AND THE LIKE

Samuel Freeman, New York, N. Y.

Application February 11, 1935, Serial No. 5,891
3 Claims. (Cl. 215—46)



3. A closure for jars and the like comprising a metallic cap having a dependent flange engaging the sides of the jar, said cap having a substantially flat fold extending continuously across the top of the cap and flange.

2,132,945

PROCESS FOR OBTAINING MORPHINE AND CODEINE

Albert Frey, Riehen, near Basel, and Heinz Moritz Wüest, Arlesheim, near Basel, Switzerland, assignors to Hoffman-La Roche Inc., Nutley, N. J., a corporation of New Jersey

No Drawing. Application April 3, 1936, Serial No. 72,660. In Switzerland June 7, 1935
4 Claims. (Cl. 260—285)

1. The process for obtaining morphine and codeine from aqueous extracts of ripe or unripe poppy plants or portions thereof, which consists in transferring the alkaloid bases morphine and codeine from these solutions, without considerable evaporation and without removing the impurities, at a pH of about 9 by direct extraction into an organic solvent immiscible with said aqueous extracts which dissolves morphine and codeine and easily releases these alkaloids again, and recovering the morphine and codeine from the solvent.

2,132,946

ELECTRON DISCHARGE DEVICE

Karl Fritz, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application October 28, 1936, Serial No. 107,917
In Germany October 16, 1935
8 Claims. (Cl. 250—27.5)



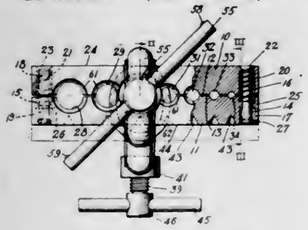
1. An electron discharge device having an envelope containing a straight cathode, a plurality of anodes surrounding and parallel to said cathode, and auxiliary electrodes positioned between said anodes, said anodes touching the surface of an imaginary cylinder having said cathode as its axis, said auxiliary electrodes lying outside of said imaginary cylinder and means for producing a magnetic field parallel to said cathode.

2,132,947

TUBE FLARING DEVICE

Gideon R. Gagne, Kenosha, Wis., assignor to Snap-On Tools, Inc., Kenosha, Wis., a corporation of Delaware

Application June 6, 1936, Serial No. 83,934
11 Claims. (Cl. 153—79)



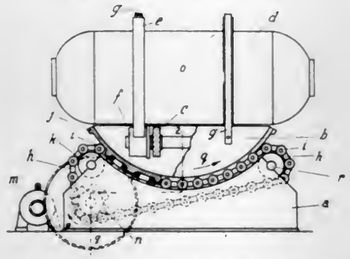
1. In a device of the character described, the combination with confronting body members having a plurality of sectional bores provided therein, pins extending between said body members for limiting the extent of their separation, springs interposed between said body members to normally maintain a spreading urge thereon, said sectional bores each being of different diameters for receiving correspondingly sized tubes, each of said sectional bores having tapered seats at corresponding extremities thereof, a yoke slidably associated with said body members for displacement over any one of said sectional bores, means for maintaining said yoke in adjusted position against displacement, means for clamping said body members together to retain a tube in a correspondingly sized bore, and a compression member mounted for displacement in said yoke to axially confront any one of said sectional bores for the purpose set forth.

2,132,948

TILTING DEVICE FOR DRUM MELTING FURNACES

Karl Gottschalk, Csepel, Hungary

Application February 16, 1938, Serial No. 190,796
In Germany February 25, 1937
2 Claims. (Cl. 263—33)



1. A drum melting furnace device including in combination a furnace drum, means for rotating said drum about its longitudinal axis, a tiltable support, means for mounting said drum and said rotating means on said tiltable support, two stationary hollow base frames associated with said support,—one frame on either side of said support—each of said base frames being provided with a cylindrically shaped track at its upper surface and a roller chain adapted to ride upon said track and to pass the hollow space of said base frame, a common drive for the roller chains of both said base frames, said tiltable support being provided with two sprocket sectors, one at either side, said sectors being extended downwardly from said support and below said drum, each of said sprocket sectors being co-axial and in alignment with one of said base frame tracks, and adapted to be supported and to be engaged by the upper branch of the roller chain riding upon said track.

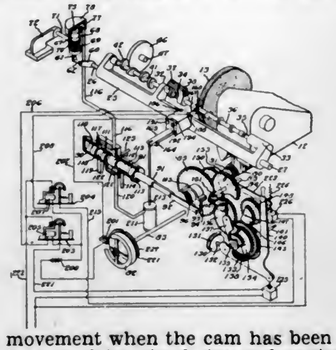
2,132,949

CAM GRINDING APPARATUS

Clarence J. Green, Worcester, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application March 10, 1936, Serial No. 68,084
8 Claims. (Cl. 51—101)

1. A sizing device for a cam grinding machine comprising a sizing head having a movable contact member arranged to continuoosly engage the periphery of a cam during the grinding operation, an adjustable member moved by said contact member, a pair of adjustable electrical contacts carried by said head and actuated by said contact member after the cam has been ground to a predetermined extent to stop the infeed of the grinding wheel, and means including a second pair of electrical contacts carried by said head and arranged to reverse the wheel



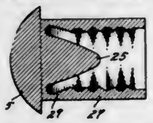
feeding movement when the cam has been finish ground to a predetermined size and contour.

2,132,950

SELF-LOCKING RIVET

James L. Green, Cleveland, Ohio, assignor to The Indemse Corporation, a corporation of Michigan

Application May 15, 1937, Serial No. 142,786
5 Claims. (Cl. 85—4)



1. A self-locking rivet comprising, a tubular body having a tapered inside bore, frictional projections on the tapered inside surface of said tubular body, a material clamping head on the end of said body adjacent the smaller end of the tapered bore, a smaller tubular body of a diameter suitable for telescoping into the first mentioned body, a material clamping head on one end of said smaller body, frictional projections on the outer surface of the smaller body for frictionally engaging the projections on the inner surface of the other body to secure said bodies in telescoped relation for clamping material between said clamping heads, and slits in the inner end of said smaller body to provide inwardly directed resilient fingers thereon.

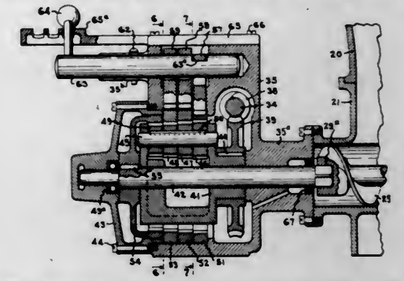
2,132,951

POWER TRANSMISSION MECHANISM

Ralph W. Hall, Wyoming, Ohio, assignor to The E. H. Bardes Range & Foundry Company, Cincinnati, Ohio, a corporation of Ohio

Application March 4, 1935, Serial No. 9,281
4 Claims. (Cl. 74—277)

1. A transmission mechanism having a drive shaft and a normally driven shaft mounted in a casing, a geared connection between said shafts arranged so as to normally provide a driving connection therebetween, a normally stationary shaft pivotally supported in said casing, a detent operatively connected to said normally stationary shaft at a point spaced from the axis thereof and normally disposed in engagement with said geared connection so as to give driving effect thereto whereby said stationary shaft is normally subjected to torsional stress induced by the load on said driving connection, and a shear-pin disposed so as to pass through said stationary shaft and a portion of said casing in order to normally secure said stationary shaft against pivotal movement in respect to said casing, said geared connection becoming ineffective as to the driving effect when an abnormal load on said driven



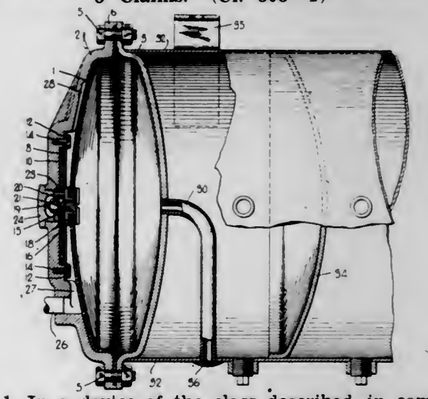
shaft causes severance of said shear-pin and releases said stationary shaft for pivotal movement thereby causing disengagement of said detent from said geared connection.

2,132,952

DISPLACEMENT VOLUME DEVICE

Ellis E. Hewitt, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application July 31, 1937, Serial No. 156,693
8 Claims. (Cl. 303—1)



1. In a device of the class described, in combination, a rigid member having a concave face thereon surrounded by an annular flange, a flexible diaphragm having its peripheral portion secured against said flange, said diaphragm and said member cooperating to form a chamber adapted to contain fluid under pressure, a communication through which fluid under pressure may be supplied to and released from said chamber, and yielding means exerting force on the diaphragm tending to move said diaphragm towards the face of said member to reduce the volume of said chamber to a minimum, said yielding means comprising a spring mounted in said chamber and having one end secured to said member and having its other end secured to said diaphragm.

2,132,953

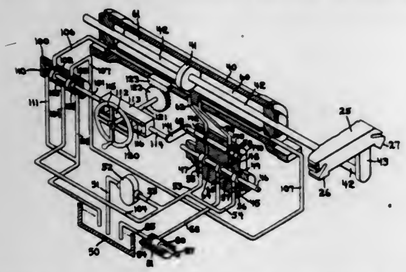
GRINDING MACHINE TABLE RECIPROCATING MECHANISM

Herbert S. Indge, Westboro, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application December 31, 1936, Serial No. 118,460
8 Claims. (Cl. 51—233)

1. In a machine tool, a longitudinally movable

table, a fluid pressure operated piston and cylinder operatively connected to move said table longitudinally in either direction, and a manually operable table traversing mechanism including a control valve operatively connected to admit fluid under pressure to either end of said cylinder, yieldable means to hold said control valve in a central or neutral position, a manually



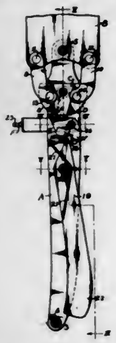
operable control member which is movable bodily and is operatively connected to actuate said valve, and means including a rotatable gear connected with said member and a rack bar fixedly connected with said table whereby the control valve is actuated by and the position thereof is controlled by the rate of movement of said control member.

2,132,954

BRAKE LEVER AND RATCHET CONSTRUCTION

Herbert S. Jandus, Detroit, Mich., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich., a corporation of Michigan

Application December 23, 1936, Serial No. 117,251
5 Claims. (Cl. 74—536)



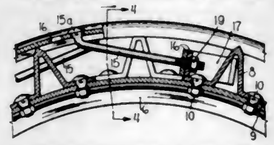
1. Brake lever construction including a support, a lever pivoted to said support to swing, a sector pivoted to said lever and having ratchet teeth along a margin thereof, a pawl pivoted to said lever for engagement with said ratchet teeth to hold said lever in adjusted position, and connecting means between said support and said sector to rock said sector about its pivot in angular direction opposite to the direction of angular movement of the lever, said connecting means being such that when said lever is moved in brake applying direction the sector is moved with accelerated motion to reduce the amount of incremental movement of the lever necessary to the passage of the pawl from tooth to tooth of the ratchet to less than the pitch of the ratchet teeth.

2,132,955

OVERBAND FOR TRACTION WHEELS

Ellsworth T. Johnson, Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois

Application April 24, 1935, Serial No. 17,897
13 Claims. (Cl. 301—39)



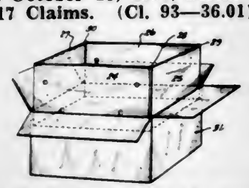
1. The combination with a traction wheel having at least two rows of generally radially extending lugs, of at least two road bands, each consisting of a generally arcuate member, one band being disposed over and acting against the radially outer ends of a plurality of lugs of one row and the other band being disposed over and acting against the radially outer ends of a plurality of lugs of the other row generally diametrically opposite to said first lugs, the adjacent ends of said bands overlapping to provide in effect a continuous cylindrical road engaging surface for said wheel, and means acting between the ends of the bands and the adjacent lugs for securing each of said bands in position on said wheel.

2,132,956

ART OF MANUFACTURING CONTAINERS OR PARTS THEREOF

Herbert M. Kieckhefer, Riverton, N. J., assignor to Kieckhefer Container Company, Delair, N. J., a corporation of Delaware

Application October 16, 1937, Serial No. 169,417
17 Claims. (Cl. 93—36.01)



1. The method of manufacturing container elements, comprising scoring a sheet of fiberboard along desired lines to form a plurality of foldably related sections, folding at least one of said sections on a line of scoring to an angular position less than 180 degrees with respect to an adjacent section, dipping the sections thus disposed into melted sulphur, moving said sections to a position of substantial alinement after dipping and before solidification of the sulphur has been completed, and subsequently folding the container elements to assembly form on said lines of scoring while the sulphur is in solidified form.

2,132,957

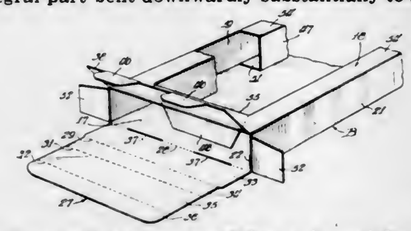
CARTON

Thomas W. Mahone, Cincinnati, Ohio, assignor to The Central Carton Company, Cincinnati, Ohio, a corporation of Ohio

Application October 14, 1937, Serial No. 168,879
5 Claims. (Cl. 229—19)

1. A carton comprising, a generally rectangular outer inclosing tube part and a generally rectangular inner enclosed tray part, said tray part being formed by folding from a single sheet of material and including imperforate bottom and side walls, a centrally open top wall, and end walls, the sheet being folded to lap along one side

wall, the opening in the top wall being completely bounded by a marginal, unbroken border portion extending in substantially parallel relation to the bottom wall and forming a substantially rectangular framing about the opening, the opposed edges of each one of opposite side parts of said border framing having an integral portion bent downwardly toward and substantially into contact with said bottom wall and thence bent and extending a substantial distance toward the adjacent side wall, the opposed edges of each of the end parts of said border framing having an integral part bent downwardly substantially to said



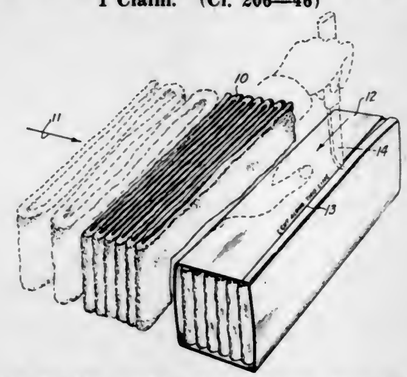
bottom wall, each end wall being formed from a piece integral with the bottom wall and folded along score lines into a box-section fitting beneath and against the bottom of the adjacent of said end parts of the border framing and being substantially coextensive therewith in length and width, tabs integral with each of the opposite ends of each of the side walls and folded over and against the end walls, and an end cover flap integral with each end of the top wall and bent downwardly to cover each end wall, each end cover flap having at least one tab tucked through a slit in the end wall.

2,132,958

STEEL WOOL PACKAGE

Elmer R. Martin, Springfield, Ohio, assignor to The Williams Company, London, Ohio, a corporation of Ohio

Application January 2, 1936, Serial No. 57,241
1 Claim. (Cl. 206—46)



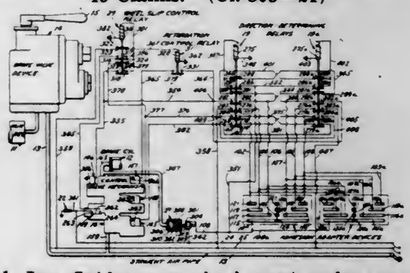
A package consisting of a steel wool ribbon folded in accordian or serpentine formation to provide a longitudinally elongate pack, the layers of the ribbon running lengthwise of the pack and having the side and end edges thereof substantially even with each other, and a carton of readily rupturable material in the form of an open ended sleeve embracing the four elongate sides of the pack and compressing the steel wool pack sufficiently to hold it in frictional engagement with the sides of the carton but insufficiently to prevent separation of the folds, the arrangement being such that a side of the carton free from expanding force of the steel wool can be severed without injury to the person to remove the pack or a free end of the steel wool ribbon can be pulled through an end of the carton in a direction parallel with the layers thereby to remove a portion of the steel wool without disturbing the remainder.

2,132,959

HIGH SPEED TRAIN CONTROL EQUIPMENT

Joseph C. McCune, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application November 19, 1936, Serial No. 111,690
49 Claims. (Cl. 303—21)



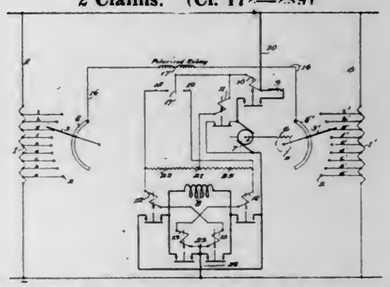
1. In a fluid pressure brake system for a car or train, in combination, means manually operative to control the application and the release of the brakes, rotary inertia operated means rotated according to the direction and speed of rotation of a car wheel and shiftable forwardly and backwardly of the direction of rotation thereof with respect to a normal position in accordance with the rate of retardation and acceleration, respectively, of the car wheel, and means controlled by the rotary inertia operated means and operative to effect a reduction in the braking force, effecting application of the brakes, at a certain rate as long as the retardation of the car wheel does not exceed a certain rate and operative to reduce the braking force at a rate faster than the said certain rate when the retardation of the car wheel exceeds the said certain rate.

2,132,960

ELECTRIC REMOTE SELECTOR CIRCUIT

Louis Eugène Widolt Montrose-Oster, Carlsbad, Czechoslovakia, assignor of one-half to Pollopas Patents, Ltd., London, England

Application April 23, 1937, Serial No. 138,608
In Germany May 6, 1933
2 Claims. (Cl. 17?—239)



1. An electric remote and selective control system, comprising a potentiometer at the controlling end of the circuit, a potentiometer of similar electrical characteristics at the controlled

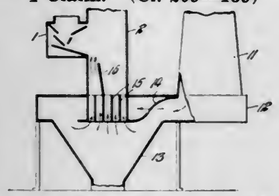
end of the circuit, a compensating circuit connecting said potentiometers, a control motor having a field winding, said motor controlling a circuit joining switch arms connected to said potentiometers, relay means for controlling the short circuiting of the armature of said control motor, relay means controlled by said compensating circuit, for controlling the field circuit and armature circuit of said control motor, said first-mentioned relay means being timed differently from said latter relay means, whereby the field circuit of said control motor is maintained in energized condition while the armature is first short circuited and thereafter the field circuit and armature circuit are opened by said second-mentioned relay means to effect a quick stoppage of the control motor responsive to the movement of the switch arm of the potentiometer at the controlling end of the system.

2,132,961

CLEANER FOR COFFEE AND OTHER GRAINS

Joseph B. Morgan, Flushing, N. Y., assignor to Jabez Burns & Sons, Inc., New York, N. Y., a corporation of New York

Application September 5, 1936, Serial No. 99,511
1 Claim. (Cl. 209—139)



Apparatus for separating materials of different densities comprising a vertical air pipe having an air inlet at the bottom and an air outlet at the top and having a feed opening at the side thereof between the inlet and outlet, means for circulating air upwardly through said pipe for carrying the less dense materials up through the outlet while the materials of greater density fall through the air inlet, vertically extending partitions across the area of said pipe for forming vertical open ended channels in said pipe for reducing eddy currents, said partitions being located below said feed opening a substantial distance and above said inlet and serving as passageways for the downward passage of the materials of greater density through said air inlet, and a guide vane in said pipe between said channels and said feed opening, said guide vane extending substantially from the tops of said partitions to the lower edge of said opening and being inclined relatively to the side walls of the pipe with its upper end nearer than its lower end to the wall containing the feed opening, thereby directing the air flow at said feed opening at a higher velocity than other portions of the air flow for distributing the material from the feed opening over the area of said pipe.

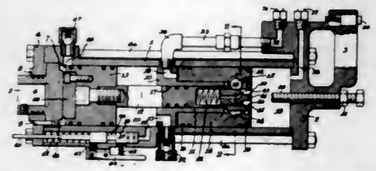
2,132,962

PNEUMATIC HAMMER

Otto Mueller, Dearborn, Mich.

Application November 22, 1937, Serial No. 175,826
18 Claims. (Cl. 121—3)

1. A device of the character described including pistons and cylinders, means for operating one of said pistons by fluid under pressure, means connecting said pistons for moving another of said pistons by the movement of said piston moved by fluid pressure and adapted to compress a fluid, and means for effecting a disconnection between said pistons to allow one of said pistons



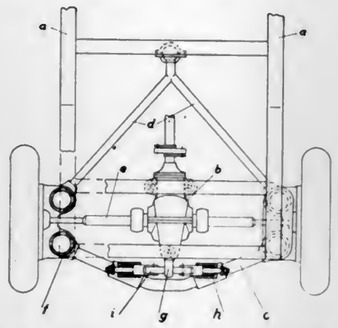
to be operated by fluid compression independently of the other piston.

2,132,963

CHASSIS OF MOTOR-DRIVEN VEHICLES

Fritz Nallinger, Stuttgart, Germany, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany

Application February 20, 1936, Serial No. 64,818
In Germany February 18, 1935
13 Claims. (Cl. 280—112)



1. In a vehicle having a frame, an axle, wheels mounted on said axle, torsional spring means attached at one end to said frame, linkage means pivoted at one end of said torsional spring means for movement in a direction substantially transverse of said frame, means for pivoting the other end of said linkage means to said axle for movement in a direction substantially transverse to said frame, and additional means for resisting transverse movement of said axle.

2,132,964

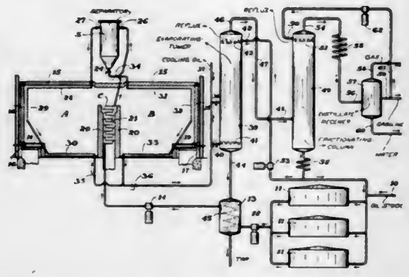
METHOD OF AND APPARATUS FOR HEATING HYDROCARBON OILS AND COMPONENTS THEREOF

Arthur E. Nash, Mount Airy, Philadelphia, and Franklin E. Shelly, Jenkintown, Pa., assignors to Alcorn Combustion Company, Philadelphia, Pa., a corporation of Delaware

Application May 16, 1934, Serial No. 725,940
8 Claims. (Cl. 196—60)

1. An oil-heating system comprising a heating chamber, means for passing therethrough a plurality of independently controllable currents of hot combustion gases, said chamber comprising a zone traversed by the combined currents of gases, oil-conducting heat-absorption structure disposed in said zone to be heated substantially by convection, means connected with said absorption structure for separating the oil therefrom into liquid and vapor components, oil-conducting heat-absorption structure connecting the liquid component outlet of said separating means and

disposed below and without one of said currents of gases and absorbing heat substantially solely by radiation from said one of said currents of gases, other oil-conducting heat-absorption structure connected to the vapor component outlet of said separating means and disposed below and without the other of said current of gases and absorbing heat substantially solely by radiation from said other of said currents of gases,



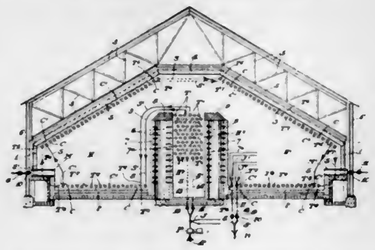
said last-named heat-absorption structures being directly connected to a common outlet for immediate mixture of said vapor and liquid components after their passage through said structures, pressure-producing means individual to the system connected to said first-named structure for producing flow under pressure of charge-oil and its said components through said oil-conducting structures.

2,132,965

APPARATUS FOR TREATING OILS

Arthur E. Nash, Mount Airy, Philadelphia, Pa., assignor to Alcorn Combustion Company, Philadelphia, Pa., a corporation of Delaware

Application May 22, 1935, Serial No. 22,776
Renewed March 11, 1938
3 Claims. (Cl. 196—110)



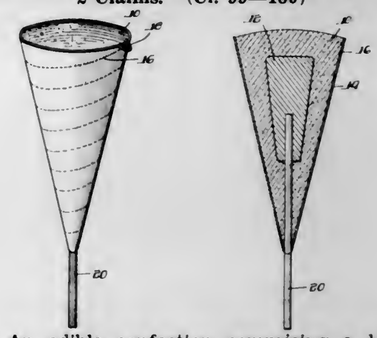
2. A system for heating petroleum to cracking temperature comprising a pair of heating chambers in communication with each other, burner-means for producing currents of combustion gases individual to said chambers, a bank of tubes disposed adjacent the floor of each chamber, a bank of roof tubes disposed adjacent the roof of each chamber, the tubes of each bank disposed in a single row, connections for passage of the petroleum in different streams through alternate tubes of each row and in succession through all of said tube-banks, inlet and outlet valves for each of said streams for controlling respectively the rate of flow and the discharge pressure of each of said streams, and means responsive to the inlet and outlet temperatures of each stream for determining the setting of said valves to produce a predetermined temperature rise of each of said streams.

2,132,966

CONFECTION

Edson A. O'Brien, Burlington, Wash.

Application March 19, 1937, Serial No. 131,765
2 Claims. (Cl. 99—180)



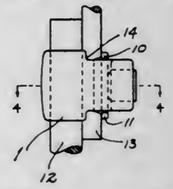
1. An edible confection comprising a longitudinally extending stick handle having molded on one end thereof a portion comprising a confection non-fluid under ordinary conditions, a conically shaped supporting member of non-edible sheet material arranged about said end of the stick handle, said handle extending substantially through the apex of the conical supporting member and being engaged thereby at an intermediate point in the length of the stick, said handle being substantially co-axial with said conical supporting member, said confection and the portion of said stick handle within the conical supporting member being spaced from the inner surface of said member to provide an axially extending central support within the conical supporting member, and a frozen confection situated interiorly of said conical supporting member in the space between the said member and the axially extending central support and being supported in direct contact with the said conical supporting member and the said central support.

2,132,967

COUPLING FOR ELECTRIC CONDUCTORS

Ford Pennell, Webster Groves, Mo.

Application August 15, 1936, Serial No. 96,150
3 Claims. (Cl. 173—263)



1. In a device of the class described, a rigid body with integral top, bottom and side walls forming a closed annulus, said bottom wall forming a substantially continuous concave bearing from end to end of the body, the front and rear edges of said side walls having upwardly facing shoulders substantially one-half the distance between said top and bottom walls, said top wall having a circular opening, a clamping screw threaded into said opening and movable towards and from said bottom wall, and a plate beneath said screw extending substantially throughout the length of said body and forming a concave bearing opposing said bottom wall bearing, said plate having end lugs projecting over said shoulders and beyond the edges of said body side walls above said

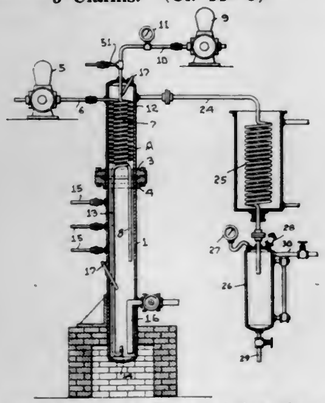
shoulders to prevent rotation of said plate in said body and thereby maintain the assembly of said body and plate irrespective of the presence of said screw and to hold said plate spaced substantially from said bottom wall irrespective of the presence of a wire or cable in the device.

2,132,968

MOTOR FUEL

William B. D. Penniman, Baltimore, Md., assignor to Ellis-Foster Company, a corporation of New Jersey

Application September 5, 1925, Serial No. 54,757
5 Claims. (Cl. 44—9)



1. A liquid motor fuel containing the complex mixed volatile, liquid phase oxygenation and disintegration products of liquid hydrocarbons within the boiling point range for liquid motor fuel and produced by the air blowing of hot petroleum in liquid phase under superatmospheric pressure at a temperature of from 300 to 1000° F.

2,132,969

CELLULAR PLASTIC MATERIAL AND METHOD OF MAKING THE SAME

Justin L. Rau, Kirkwood, Mo.

No Drawing. Application September 8, 1936, Serial No. 99,818
5 Claims. (Cl. 91—70)

1. The method of providing a surface with an athermanous insulating layer of a cellular substance consisting of dissolving an asphaltic material in a vaporizable solvent, adding thereto a predetermined quantity of a leavening agent of the class consisting of ammonium carbonate, urea, sodium carbonate, and magnesium sulfate, applying the resulting mixture to the surface as a uniform coating, allowing the coating to dry, heating the coating at atmospheric pressure to a temperature range at which the leavening agent gives off gaseous products, and then subsequently cooling the resulting mass at atmospheric pressure.

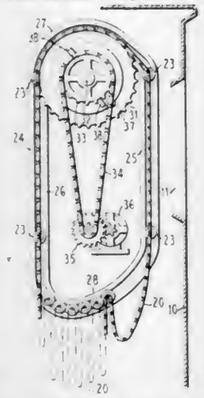
2,132,970

DISPLAY SIGN

Benton N. Reamer, Jersey City, N. J.

Application June 2, 1938, Serial No. 211,370
4 Claims. (Cl. 40—101)

1. A display sign having in combination, a plurality of sheets arranged as a continuous curtain, supporting rods for said sheets, guide rollers on the ends of said supporting rods, a continuous track cooperating with said rollers for guiding said sheets, a storage portion in the lower region of said track, a pair of sprocket chains substantially the same length as said curtain for



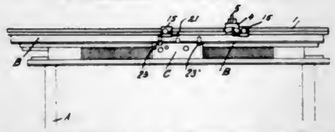
carrying said supporting rods, and means for intermittently moving said sprocket chains so as to raise said sheets from said storage portion, the sheets moving back into said storage portion under the force of gravity.

2,132,971

KNITTING FRAME FOR ELASTIC FABRIC HAVING UNEXTENSIBLE ZONES

Louis Roques, Paris, France, assignor to Louis Roques et Georges Arrachequesne, Paris, France, a corporation of France

Original application June 17, 1933, Serial No. 676,277, Patent No. 2,076,350. Divided and this application December 1, 1934, Serial No. 755,551. In France June 20, 1932
10 Claims. (Cl. 66—126)



1. In a machine for forming a knit elastic fabric having a looped thread and an elastic thread passing through the loops of said looped thread, and in combination with a knitting mechanism including a reciprocatory carriage and means operated thereby for inlaying the elastic thread in the loops of the looped thread throughout the length of the fabric, of means operated by the carriage in the fabric forming action for passing an inelastic thread in parallel relation with the elastic thread through the loops of the looped thread, and means operable to throw the latter-named means into and out of action at predetermined points in the travel of the carriage for inlaying the inelastic thread within a predetermined zone portion of the fabric to restrict the elasticity of the elastic thread in said zone portion.

2,132,972

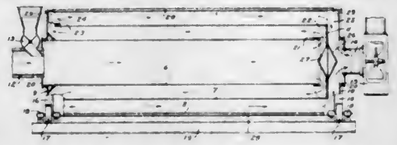
DRIER

Harlow L. Schmidt, Milwaukee, Wis., assignor to The Heil Co., a corporation of Wisconsin

Application March 27, 1937, Serial No. 133,365
4 Claims. (Cl. 34—5)

3. In combination, a rotary drum having an annular end corner separated into segments by

a series of plates, an annular driving element secured to said drum at said corner, and an annular series of segment plates connecting said first



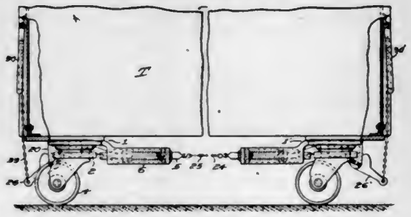
mentioned plates to provide an annular air chamber at said corner separating said element from the drum interior.

2,132,973

CASTER CONTROL MEANS FOR MOVABLE TRUCKS AND THE LIKE

Irvin F. Schreck, Cleveland, Ohio, and Chester S. Mann, Manheim, Pa., assignors to Bond Foundry & Machine Company, Manheim, Pa., a corporation of Pennsylvania

Application June 26, 1937, Serial No. 150,514
7 Claims. (Cl. 280—49)



1. In a truck of the class described, a pair of swivel casters respectively disposed adjacent its opposite ends, each comprising a base plate, a notched swivel plate and a slotted sleeve carried by the base plate, a plunger slidable axially in the sleeve, an arm extending outwardly from the plunger through the sleeve slot, and yielding means urging the plunger toward the swivel plate, a flexible connection between the plungers adapted to normally maintain them in balanced relation substantially equidistantly spaced from their adjacent swivel plates, and means disposed adjacent the ends of the truck respectively cooperable with the plunger arms to move the adjacent plunger axially of its sleeve away from its swivel plate to thereby release the other plunger for movement toward its swivel plate under the influence of its yielding means.

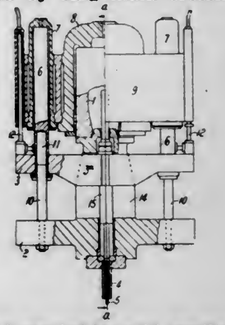
2,132,974

HYDRAULIC PRESS

Henry George Valentine Sentance, Glasgow, Scotland, and George Alexander Vincent Russell, London, England

Application January 4, 1938, Serial No. 183,290
In Great Britain January 9, 1937
2 Claims. (Cl. 207—3)

1. An hydraulic press comprising a main ram, a main crosshead movable with said main ram, guides for the ends of said main crosshead, a main tool carried by said main crosshead, said main crosshead having a central cavity presenting opposite parallel guide surfaces close to the axis of said main ram, an independently movable auxiliary crosshead including a central slipper portion unitary therewith and bearing on said guide surfaces of the main crosshead, auxiliary rams on opposite sides of said main ram for operating said auxiliary crosshead, return rams for said auxiliary crosshead, said return rams being carried by said main crosshead, and an



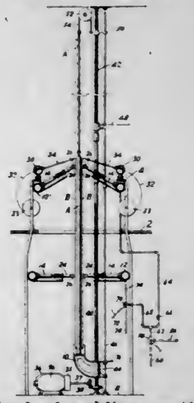
auxiliary tool carried by said auxiliary crosshead and extending through said main crosshead.

2,132,975

WELDING METHOD AND APPARATUS

Perry E. Shaver, Philadelphia, Pa., assignor to Sun Shipbuilding & Dry Dock Company, Chester, Pa., a corporation of Pennsylvania

Application February 21, 1935, Serial No. 7,525
7 Claims. (Cl. 219—8)



3. The method of welding vertically arranged elongated articles comprising suspending said articles by their upper ends and moving them vertically in the direction of their lengths past fixed welding apparatus, said advance being at such speed as to effect proper progressive welding.

7. Welding means including a plurality of electrical welding units occupying a substantially fixed position, means for supporting elongated articles and moving them in the direction of their lengths past said welding apparatus to produce progressive welding, means for predetermining the welding units, less than all thereof, which are to operate, and means for substantially simultaneously initiating operation of such predetermined units.

2,132,976

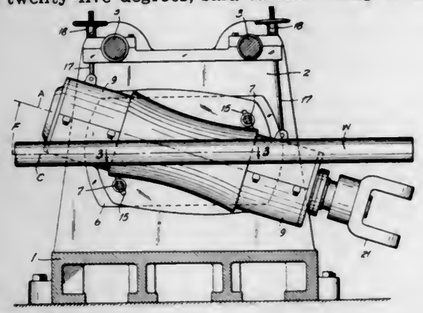
MACHINE FOR SIZING, TRUING, AND POLISHING BARS AND TUBES

Walter Siegerist, St. Louis, Mo.

Application October 21, 1935, Serial No. 45,892
7 Claims. (Cl. 80—13)

1. A work roll whose work surface is a hyperboloid of revolution generated by a straight line

in a plane parallel with the axis of the roll and intersecting an axial plane perpendicular to said first mentioned plane at an angle of from fifteen to twenty-five degrees, said surface being of the



formula:

$$\frac{Y^2}{B}+\frac{Z^2}{B}-\frac{X^2}{A}=1$$

wherein A and B are positive constants and X, Y and Z are the coordinates of points in the surface referred respectively to three axes, each of which intersects the other two at right angles.

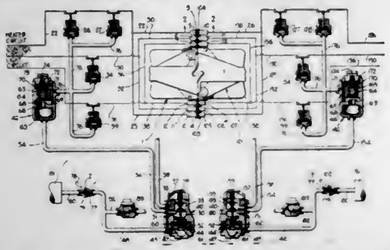
2,132,977

CONTROL SWITCH FOR AUTOMATIC COUPLERS

Roy R. Stevens, Forest Hills, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application January 26, 1937, Serial No. 122,399

9 Claims. (Cl. 173—332)



1. In a car coupling equipment, a coupler having a contact associated therewith and operative to engage a contact on a connected coupler, a switch device comprising a body having a chamber therein, a movable abutment subject to fluid pressure established by supply of fluid to said chamber, and a switch operated by said abutment on the supply of fluid under pressure to said chamber to establish a circuit through said contact, the coupler incorporating a valve device operative only when the coupler is connected to another coupler to supply fluid under pressure to the chamber, the coupler also incorporating release means operative on the supply of fluid under pressure to release the coupler, manually operated valve means for supplying fluid to said release means, and means subject to the fluid supplied to the release means for controlling the supply of fluid to said chamber by said valve device.

2,132,978

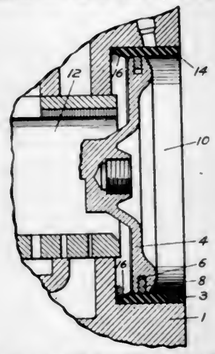
FLUID PRESSURE BRAKE

Carlton D. Stewart, Swissvale, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application November 29, 1935, Serial No. 52,149

13 Claims. (Cl. 309—1)

1. In a fluid pressure brake equipment, a brake controlling valve device comprising, in combination, a body having a bore therein, a bushing secured in said bore, and a piston re-



ciprocable in the said bushing, said piston carrying a metallic packing ring, said bushing being constructed of molded plastic composition.

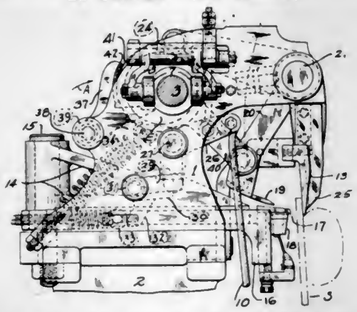
2,132,979

ROUGH ROUNDER

Eugene G. Wolf, St. Louis, Mo., assignor to Landis Machine Company, St. Louis, Mo., a corporation of Missouri

Application July 16, 1937, Serial No. 153,936

14 Claims. (Cl. 12—18)



1. In a machine for rough rounding shoe soles, a rounding knife, an anvil for supporting the shoe sole, a member opposing said anvil, a clamping spring for thrusting said member towards said anvil to clamp the sole between them, mechanism for reciprocating said knife to cut through the sole, a driver for said mechanism, a clutch for engaging said mechanism and said driver, a clutch spring for releasing said clutch, and a manually controlled device connected to said clutch and to said member, and operable when in one position to hold said clamping member away from said anvil against the action of said clamping spring and in another position to engage said clutch against the action of said clutch spring.

2,132,980

STOKER CONSTRUCTION

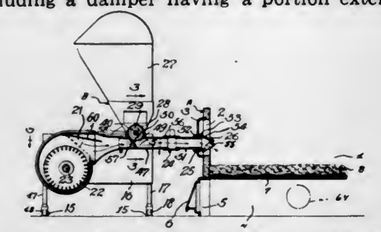
Thomas R. Woolley and Fred Hammis, Detroit, Mich.

Application January 16, 1934, Serial No. 706,880

3 Claims. (Cl. 110—110)

1. The combination with a furnace having a heating chamber, of apparatus for feeding fuel into the heating chamber comprising a blower located exteriorly of the chamber, means establishing communication between the blower and

heating chamber including a conduit, a fuel hopper located between the blower and said chamber and communicating with said conduit to discharge fuel into the air stream passing through the conduit, means located between the blower and point of communication of the hopper with said conduit for varying the rate of flow of air through said conduit, said last named means including a damper having a portion extending



into the conduit and inclined from one side wall of the conduit in a direction toward said chamber, and means supporting the damper for sliding movement relative to the conduit to vary the clearance between one edge of the damper and the side wall of the conduit opposite the wall aforesaid and effective to maintain the angle of inclination of said portion of the damper with the air stream substantially constant in several of the adjusted positions of the damper.

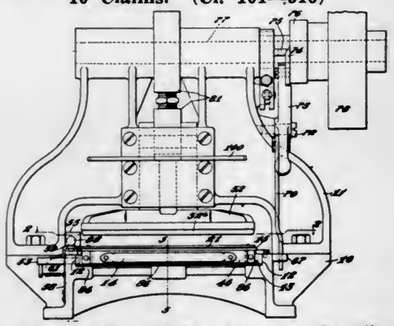
2,132,981

MARKING MACHINE

Alfred H. Avery, Malden, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation, Syracuse, N. Y., a corporation of New York, and one-half to Parshad Holding Corporation, Syracuse, N. Y., a corporation of New York

Original application May 14, 1932, Serial No. 611,355. Divided and this application July 16, 1934, Serial No. 735,419

10 Claims. (Cl. 101—316)



6. In a machine of the character described, a platen, a marking plate holder mounted to move toward and away from said platen, a marking plate detachably secured to said holder, and a detachable positioning member having a cut-out portion adapted to receive a blank to be marked and hold it in predetermined fixed position relative to the path of movement of said holder.

2,132,982

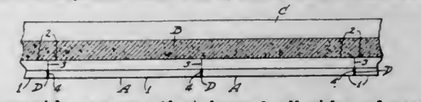
WALL TILE CONSTRUCTION

Robert J. Bergez, San Francisco, Calif.

Application May 4, 1937, Serial No. 140,669

1 Claim. (Cl. 72—18)

A wall tile construction comprising a supporting layer of cement, tiles placed against the cement with their edges abutting each other, the faces of the tiles being glazed and of less area than the bases of the tiles, whereby the edges of the faces of adjacent tiles are spaced from each other



to provide grooves that bound all sides of each tile, and a cement filling the grooves and being spaced from the layer of cement that supports the tiles by the lower edges of the tile abutting the lower edges of adjacent tiles.

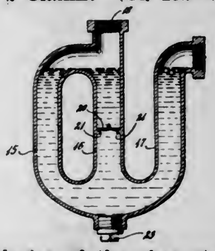
2,132,983

TRAP

George M. Call, New York, N. Y.

Application February 7, 1938, Serial No. 189,163

2 Claims. (Cl. 182—23)



1. In a device of the character described, a vessel structure comprising two upwardly extending tubular members; said members being communicatively joined at their lower ends and open at their upper ends whereby the structure may be interposed in the drain pipe line leading from a plumbing fixture, a strainer member mounted within one of said members to partition the structure into two sections, and a third tubular member positioned below the fixture communicatively joined at its ends to the respective sections.

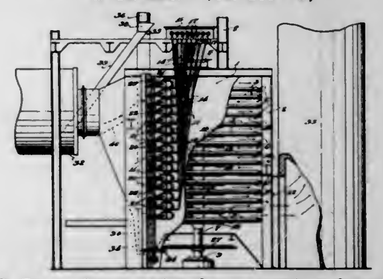
2,132,984

SLURRY DRIER FOR CEMENT PLANTS

Alpha A. Chaney, Fort Worth, Tex.

Application May 22, 1934, Serial No. 726,893

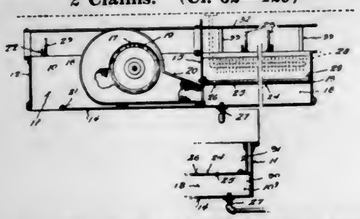
2 Claims. (Cl. 159—9)



2. In a slurry drier for cement, a housing, a vertical shaft extending through the said housing and means rotating the same, a series of superimposed disk-like tables fixed to the said shaft and rotating therewith, a stationary ring surrounding the major portion of each of the said tables providing retention means for the said slurry, means cooperating with each of the said tables independently and collectively depositing slurry thereon, stationary means extending over

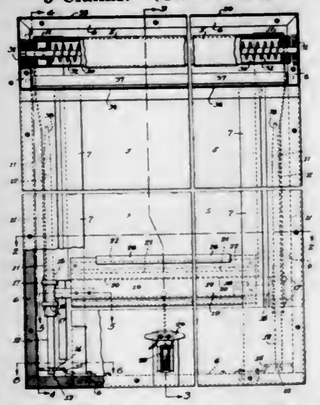
the upper surface of each of the said tables urging the dried slurry therefrom as the said tables rotate and means permitting the flow of heated air over and between the said tables drying the said slurry.

2,132,985
REFRIGERATOR UNIT
Willard A. Gebhardt and Edwin J. Radtke, Milwaukee, Wis.
Application December 28, 1936, Serial No. 117,913
2 Claims. (Cl. 62—129)



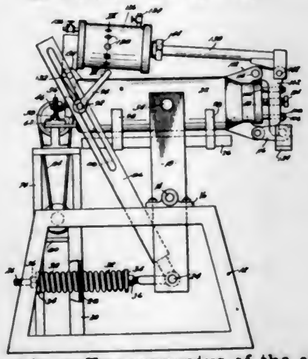
1. A cooling unit for a refrigerator comprising a body adapted to be disposed in close proximity to the ceiling of the refrigerator, a transversely extending partition in said body defining a pair of compartments, a refrigerating unit in one of said compartments, a drip plate in the last mentioned compartment below the refrigerating unit having a plurality of openings therein, the portion of the last mentioned compartment below the drip plate constituting a drip pan, an overflow pipe for said drip pan, and a rotary air blower arranged in the other compartment for forcing air into the first compartment over the water in the drip pan and through the openings in the drip plate past the refrigerating unit, said drip plate having nipples extending around the openings therein, whereby to permit a film of water to collect on the drip plate.

2,132,986
LIGHT SEAL CURTAIN
Louis F. Julien, Detroit, Mich., assignor to Chamberlin Metal Weather Strip Co., Detroit, Mich., a corporation of Michigan
Application January 14, 1937, Serial No. 120,491
5 Claims. (Cl. 156—10)



5. A structure for the purpose described including a rigid rectangular frame having opposite vertical side members provided with inwardly open channels extending throughout a major portion of the length of said frame, a light impervious curtain within said frame having side edge portions projecting into said channels and formed with longitudinal hems, a rod within each side channel projecting into each of said hems for guiding and holding the curtain at each edge, a draw bar secured to and extending across the lower end of said curtain and provided at each end within each side channel with a guide sleeve through which sleeves said rods extend, said sleeves being secured to the lower ends of said hems, a spring roller at the upper end of said frame and upon which said curtain is adapted to be wound, and a transverse member extending across the lower end of said frame to receive said draw bar when said curtain is lowered and enclose said draw bar and lower end of said curtain, said transverse member including an upwardly open channel and said draw bar being of channel form open upwardly to receive the lower edge of said curtain, said draw bar having laterally extending flanges for engaging over the upper edges of said transverse channel when said draw bar enters said latter channel upon the lowering of said curtain.

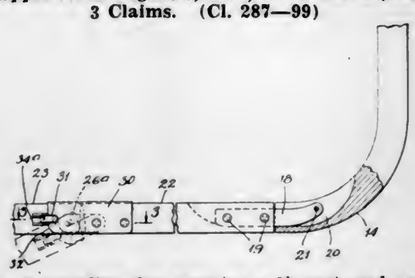
2,132,987
GRAIN PUFFING APPARATUS
Frederick P. Kiewit, Kansas City, Mo.
Application December 16, 1935, Serial No. 54,581
13 Claims. (Cl. 99—238)



6. In grain puffing apparatus of the character described, a gun; a lid for closing one end of the gun; a cylinder having ports formed through its side wall intermediate the ends thereof; a piston reciprocably mounted in the cylinder having a width appreciably less than the distance from the said ports to the respective ends of the cylinder; a piston rod extending from the piston to a point adjacent the lid; and a link in the form of a bell crank lever interconnecting said lid, gun and piston rod, said lid being rigid with one arm of said lever, the other arm of the lever having pivotal connection with the gun, said piston rod being pivotally connected to the said link at the zone of convergence of said arms.

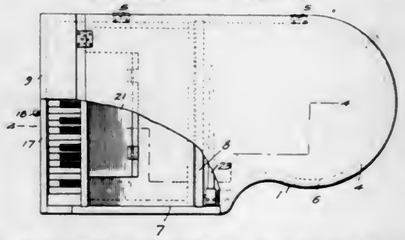
12. Grain puffing apparatus of the character described comprising a supporting framework; a gun tiltably mounted on the framework intermediate the ends of the gun for movement about an axis extending transversely to the longitudinal axis of the gun; means for securing the gun in a stationary position; heating means for the gun; an agitator rotatably mounted within the gun; means independent of the gun, continuously in engagement with, and for rotating said agitator as the gun is being tilted; and means for injecting steam into the said gun while being heated by the heating means and as the gun is being tilted.

2,132,988
SELF-LOCKING COUPLING
Victor Leibo, Ridgefield Park, N. J.
Application August 8, 1935, Serial No. 35,312
3 Claims. (Cl. 287—99)



1. A coupling for securing adjacent end portions of hingedly coupled rails, said coupling comprising a channel-shaped plate, one end portion of which is secured to one rail and the other end portion of said plate being adapted to project over the joint in said rails when said rails are in extended position, a spring actuated arm imbedded in and projecting from the second mentioned rail and adapted to cooperate with one wall of said channel-shaped plate, said wall of the channel-shaped plate having a notch into which said arm is adapted to pass in securing the rails together against relative movement, the notched end of said plate having a cam surface adapted to engage said arm to guide the same into said notch in the operation of securing the rails together, and a metal support member embedded and frictionally held in said second rail to provide a pivotal support for said spring arm.

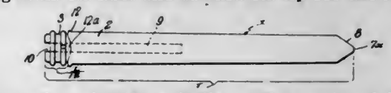
2,132,989
VANITY BOX
George Sterling McDonald, San Pedro, Calif.
Application September 27, 1937, Serial No. 165,966
2 Claims. (Cl. 152—83)



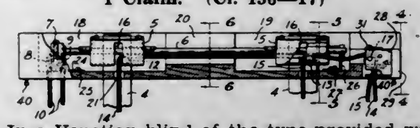
1. A vanity box including a case having a compartment therein, a drawer slidably mounted in and adapted to be withdrawn from the compartment, said drawer having a forwardly extended portion containing an extension of the compartment, a lid hingedly connected to the top of the drawer, a mirror hingedly mounted on said lid and movable into an upstanding position thereon, a lid hingedly connected to one side of the case, means for supporting said lid in an upwardly extending position to overlie and shield the mirror when in upstanding position on the drawer lid.

2,132,990
BOBBIN
William J. McGeough, Providence, R. I., assignor to U S Bobbin & Shuttle Company, Manchester, N. H., a corporation of Rhode Island
Application April 19, 1937, Serial No. 137,628
1 Claim. (Cl. 242—120)

A bobbin for use in loom shuttles, said bobbin being of the kind which has a substantially cylindrical butt portion and an elongate, substantially wedge-shaped body portion directly and integrally united to the butt portion, the body portion being of substantially rectangular transverse section, those faces of the body portion which, in use, are the top and bottom faces being substantially flat and of substantially uniform width except adjacent to the tip, the edge faces being relatively narrow as compared with the top and bottom faces and tapering with a smooth, substantially unbroken taper from their butt ends to the tip, the bobbin having an axial bore extending from its butt end toward its tip for the reception of a shuttle spindle, and a pair of longitudinally spaced shuttle-jaw engaging rings embracing the butt portion, the butt portion being of a length sufficient to accommodate but two of such rings, characterized in that the butt portion is of a diameter greater than the maximum vertical thickness of the body portion and less than the maximum horizontal thickness of the body portion and in that the butt portion has a substantially flat surface substantially parallel to the diameter of the butt portion for engagement by a bobbin-positioning element of a shuttle, thereby to hold the bobbin positively with its longer transverse axis horizontal when in use.



2,132,991
VENETIAN BLIND
Louis Mirtz, Cleveland, Ohio
Application September 27, 1937, Serial No. 165,804
1 Claim. (Cl. 156—17)

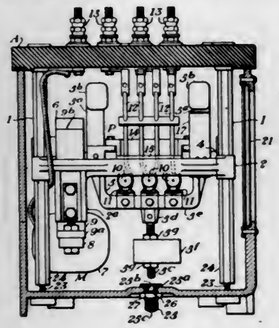


In a Venetian blind of the type provided with lifting cables and slat-tilting drums carried by a shaft and connected through flexible members to the slats, a combined mechanism housing and head bar comprising a wood bar having mechanism-receiving recesses routed out from the top face thereof and openings through its bottom face for said cables and flexible members, said recesses comprising drum-receiving recesses spaced apart longitudinally and located inwardly of the ends of the bar and a narrower and shallower shaft-receiving recess across the space between the drum recesses, said drum-receiving recesses being of a width and depth to provide drum-receiving chambers with relatively thin side and bottom walls, said bar having rigid end portions and a rigid portion of substantial length between the drum recesses, the relatively short thin-walled portions being interposed between and integral with more rigid portions of the bar whereby a housing and supporting bar of relatively small size and great rigidity is provided.

2,132,992
HOLDING MEANS FOR INSTRUMENTS
Benjamin Mishelevich, Pittsburgh, and Branko Lazich, Penn Township, Allegheny County, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application January 8, 1937, Serial No. 119,656
4 Claims. (Cl. 200—104)

1. In combination, an instrument having a

fixed part provided with a screw threaded hole and a movable part provided with a projecting post, a screw threaded member screwed through the hole in the fixed part and provided with a



cup which is adapted to receive one end of said post when said member is screwed to one position to lock the movable part in a fixed position, and a lock nut screwed onto said screw threaded member to lock said member against rotation.

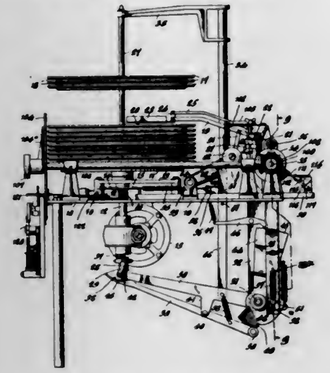
2,132,993

AUTOMATIC PHONOGRAPH

John R. Mitchell, Dallas, Tex., assignor, by mesne assignments, to The Rudolph Wurlitzer Company, Cincinnati, Ohio, a corporation of Ohio

Application August 24, 1936, Serial No. 97,498

20 Claims. (Cl. 274—10)



11. In an automatic phonograph, a tone arm, a turntable adapted to support a stack of records, a vertically-reciprocable spindle extending through the record-stack and having laterally-displaceable coupling means thereon selectively engageable with one or another of the records about its opening for supporting the same on the spindle to effect the splitting of the stack above the one selected for play upon the up-stroke of the spindle and to provide an operating clearance space for the tone arm, said spindle elevating the split portion of the stack on its upstroke and lowering the same on its downstroke, an adjustable selector mechanism for controlling the engagement of the record-coupling means with that record above the one selected for play, and an operative connection between said coupling means and said selector mechanism for governing the displacement of the coupling means at a predetermined time in the movement of said spindle.

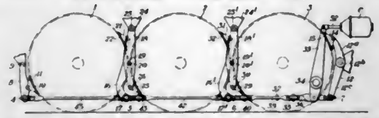
2,132,994

BRAKE MECHANISM

Emil G. Mueller, Swissvale, Pa., assignor to The American Brake Company, Swissvale, Pa., a corporation of Missouri

Application May 7, 1937, Serial No. 141,315

10 Claims. (Cl. 188—46)



1. In a brake mechanism for a vehicle having at least two longitudinally aligned wheels at one side of the vehicle arranged closely together, a first pair of hanger levers disposed on opposite sides of the closest portions of said wheels and pivotally attached at one end to the vehicle and provided at the other end with a brake shoe which is adapted to engage one of said wheels, a second pair of hanger levers disposed on opposite sides of said wheels and pivotally attached to the levers of said first pair and provided at one end with a brake shoe which is adapted to engage the other wheel, and means connected with the levers of said second pair at the ends opposite to the associated shoe for actuating the levers of both pairs to press the shoes into engagement with said wheels.

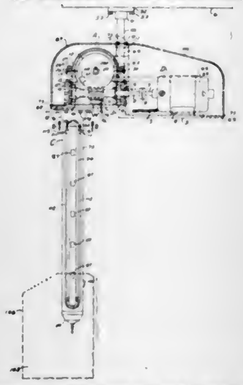
2,132,995

GARMENT BAGGING MACHINE

Harlyn D. Oliver, Detroit, Mich.

Application March 11, 1936, Serial No. 68,293

26 Claims. (Cl. 226—18)



1. In a garment bagging machine, the combination of a bracket, an electric motor assembly mounted on said bracket and electrically connected with a source of supply of electrical current, gear means, a pulley rotatably mounted and driven by said gear means, a tubular member supported by said bracket, a pulley rotatably mounted adjacent the lower end of said tubular member, said tubular member being provided with a slot extending longitudinally thereof, an endless belt movably mounted on said first mentioned and said second pulleys, a plurality of clips mounted on said endless belt and extending through said slot of said tubular member, said clips being adapted to clamp a bag against said endless belt to permit said endless belt to convey said bag to a position for placement over a garment, means for supporting said garment from the lower end of said tubular member, clip members supported on said tubular member and adapted to clamp said bag after it has been

conveyed to said position for placement over said garment, switch means engaged by said bag to stop the operation of said electric motor assembly, adjustable means supporting said bracket from a wall structure, and cover means on said bracket for enclosing said electric motor assembly together with its operatively connected mechanism mounted on said bracket.

2,132,996

IGNITION AND PRIMING COMPOUND

Mario Palmieri, South Glastonbury, Conn., assignor of one-half to Samuel D. Ehrlich, Glastonbury, Conn.

No Drawing. Application February 12, 1936, Serial No. 63,555

10 Claims. (Cl. 52—2)

1. A priming composition for blasting caps and the like, comprising in combination, a metallic phosphide, and an oxidizer selected from the group consisting of an oxide and a chromate.

2,132,997

PREPARATION OF METALLIC SOAPS

Walter W. Plechner, Plainfield, N. J., assignor, by mesne assignments, to National Lead Company, New York, N. Y., a corporation of New Jersey

No Drawing. Application May 18, 1936, Serial No. 80,417

16 Claims. (Cl. 260—414)

1. Method for the preparation of a metallic soap composition which comprises reacting under substantially anhydrous conditions a halide of a metal of subgroup A of the fourth group of the periodic system with a high molecular weight monobasic organic acid at moderately elevated temperatures, sufficient to form a soap of the said metal and to eliminate hydrogen halide by volatilization.

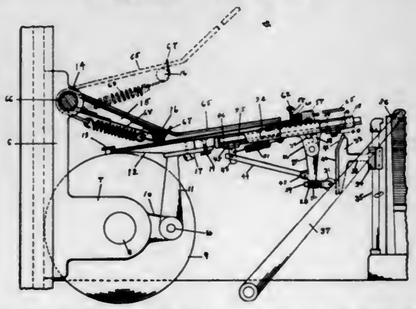
2,132,998

TRANSFER APPARATUS FOR PRINTING PRESSES

Paul H. Schulz, Moline, Ill.

Application March 14, 1938, Serial No. 195,864

5 Claims. (Cl. 271—14)



1. A device of the class described, comprising a table adapted for attachment to the cylinder frame of a printing press, to reciprocate therewith, means for feeding successive sheets of paper to said table, with one edge of each of said sheets in engagement with the gripping devices of a press, jogging devices on said table for uniform arrangement of said sheets, means for actuating said jogging devices, and means for preventing the sheets from curling in their passage over the table.

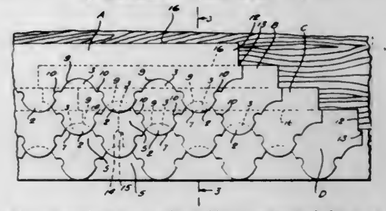
2,132,999

COVERING CONSTRUCTION

John A. Topping, Bronxville, N. Y.

Application June 21, 1934, Serial No. 731,579

3 Claims. (Cl. 108—7)



3. A covering construction comprising a plurality of covering elements formed of flexible base material with tabs separated by recesses therebetween, said base material being impregnated with a mastic adhesive and said elements being laid in courses in overlapping arrangement and with a tab of one course extending over a recess of the subjacent course, the under face of each element having a mastic coating applied thereto to seal the mastic adhesive impregnating the base material, said mastic coating at least upon the portions of the tabs which overlap the recess being of sufficiently reduced thickness to permit said mastic adhesive to bleed from said sheet.

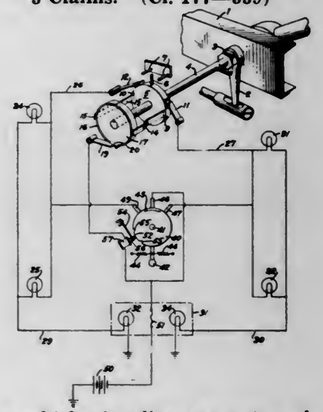
2,133,000

VEHICLE SIGNALING SYSTEM

Wagn Trautner, Springdale, Ohio, and Herbert E. Metcalf, Walnut Creek, Calif., assignors to E. H. Kueffer, Oakland, Calif.

Application October 25, 1937, Serial No. 170,828

3 Claims. (Cl. 177—339)



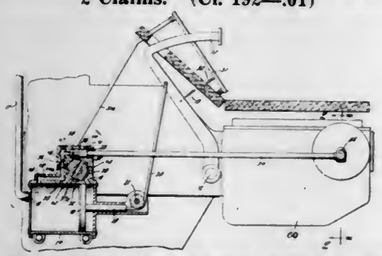
3. In a vehicle signaling apparatus, electrically operated direction signals, electric circuits for effecting energization of a plurality of said signals to indicate a turn to the right or left, said circuits including manually operative make and break means comprising a movable member and means to hold the movable member in circuit closing positions, automatic means operating by turning of the vehicle steering gear away from a straight ahead position to energize the same circuits, and electromagnetic means operated by current passing through said automatic means and the energized signals for releasing said holding means, said electromagnetic means being wound to provide sufficient flux to release said holding means only when all of said energized signals are passing current.

2,133,001

MEANS FOR CORRELATING SPEED OF CLUTCH ENGAGEMENT FOR SPEED OF VEHICLE

Tracy Brooks Tyler, Detroit, Mich., assignor to The Monopower Corporation, Detroit, Mich., a corporation of Michigan

Application June 2, 1932, Serial No. 614,944
2 Claims. (Cl. 192—.01)



1. In an automotive vehicle having a manipulator pedal, a clutch and a driving part whose speed corresponds to that of the vehicle, means for actuating the clutch and speed sensitive means controlled by the speed of the driving part, the clutch actuating means being of the liquid pressure type, and including a clutch actuating plunger, a valve connected to the manipulator pedal, and a valve connected to the speed sensitive means, said speed sensitive means including a slidable shaft operatively connected to the driving part and responsive to liquid flow therearound induced by the driving part, the shaft being connected to the second one of the valves, the position of said second valve being determined by the position of said shaft.

2,133,002

METAL REINFORCED WOOD FLOOR

David A. Wallace, Detroit, Mich., and Lloyd E. Mendenhall, Partridge, Kans.; said Mendenhall assignor to said Wallace

Application March 20, 1936, Serial No. 69,842
12 Claims. (Cl. 20—8)



4. In combination, a wood board, and a metal reinforce, means permanently securing said reinforce to said board, said reinforce having projecting side elements extending continuously throughout the length thereof and adapted to overlap one beneath another when a plurality of reinforced boards are laid in side by side relation.

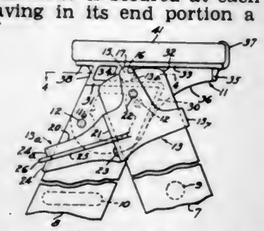
2,133,003

COMBINATION STEP AND EXTENSION LADDER

Willard M. Webster, Los Angeles, Calif.

Application January 12, 1937, Serial No. 120,238
3 Claims. (Cl. 228—25)

2. The combination with the side rails and step portions of a conventional step ladder; of connecting and controlling members for said ladder arranged in two sets at each side of the top portion of the ladder, each set of members thus provided consisting of a male member and a female member, the male members being movable into engagement with the female members when the ladder is to be used as a step ladder, and being disengageable from each other to permit of the extension of the ladder, the rail to which the male member is secured at each side of the ladder having in its end portion a recess, and



such male member having an arm seated in said recess, said arm having a stop portion outside of said recess which aids in limiting the outward swing of the ladder sections when in use as a step ladder.

2,133,004

FILTER

Lewis W. Williams, Short Hills, and George A. Arnold, Chatham, N. J., assignors to Motor Improvements, Inc., Newark, N. J., a corporation of Delaware

Application August 11, 1936, Serial No. 95,330
5 Claims. (Cl. 210—169)



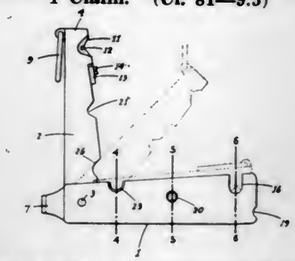
1. A filter comprising a helix of metal ribbon having contacting turns, one face of said ribbon being smooth and the other face being provided with microscopic projections produced from pressure applied thereto by a sand-blasted surface.

2,133,005

ELECTRICIAN'S TOOL

William Wollenweber, Sacramento, Calif.

Application January 8, 1937, Serial No. 119,659
1 Claim. (Cl. 81—9.5)



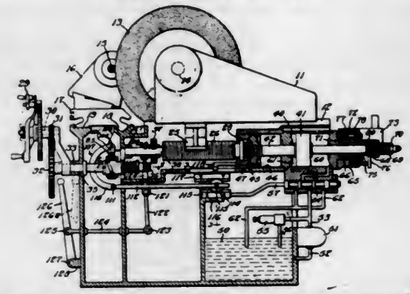
An electrician's tool comprising a case having spaced sides, a tool bar pivoted in the case at one end for movement in and out of the same, the upper edges of the case adjacent the opposite end having matching notches forming a cradle for the reception of a covered and insulated wire, a cutting head mounted on the outer end of the bar, said head having a passage therethrough from the edge adjacent the cradle to the opposite edge, the sides of the head being notched to engage over a wire on the cradle, a cutting blade, and means mounting said blade on the head with the cutting edge thereof in position between said sides of the head and adjacent the passage, whereby with relative rotation between the tool and wire on the cradle and engaged by the head, the cutting blade will cut away the covering and insulation of the adjacent portion of wire.

2,133,006

WHEEL FEEDING MECHANISM

Wallace H. Wood, Worcester, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application November 6, 1936, Serial No. 109,540
7 Claims. (Cl. 51—95)



1. In a grinding machine, a rotatable grinding wheel, a transversely movable slide therefor, a fluid pressure piston and cylinder operatively connected to move said slide in either direction, a control valve to control the admission and exhaust of fluid to and from said cylinder, means including a pair of opposed racks and a gear therebetween, one of said racks being stationary and the other being connected to actuate said valve, and a manually operable control member movable in opposite directions to control said valve and arranged to move said gear longitudinally between said racks to actuate said valve whereby the control valve is actuated and the position thereof is controlled by the rate of rotation of said control member.

2,133,007

PROCESSES OF SEPARATING NITRILE-HYDROCARBON MIXTURES

Anderson W. Ralston and William O. Pool, Chicago, Ill., assignors to Armour and Company, Chicago, Ill., a corporation of Illinois

No Drawing. Application July 9, 1936, Serial No. 89,850
10 Claims. (Cl. 260—464)

1. The process of separating aliphatic nitriles from mixtures thereof with aliphatic hydrocarbons which comprises extracting the nitrile-hydrocarbon mixtures with an aqueous aliphatic alcohol solution having a strength of more than 60% and less than 85% to dissolve the nitriles but not dissolve substantial amounts of the hydrocarbons, separating the extract phase from the hydrocarbon phase, adding water to the extract phase to liberate the nitriles therein as a layer, and separating the nitrile layer from the aqueous alcoholic layer.

2,133,008

DICARBOXYLIC ACIDS AND PROCESSES OF PREPARING THE SAME

Anderson W. Ralston and Stewart T. Bauer, Chicago, Ill., assignors to Armour and Company, Chicago, Ill., a corporation of Illinois

No Drawing. Application September 14, 1936, Serial No. 100,762
12 Claims. (Cl. 260—537)

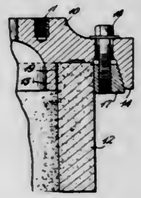
1. The process of preparing dicarboxylic acids which comprises reacting an unsaturated fatty acid compound belonging to the group consisting of unsaturated fatty acids, glycerides thereof, and alkali metal soaps thereof, with an aqueous solution of an alkali metal hypochlorite in the presence of a hypochlorite-decomposing agent functioning to liberate oxygen from said hypochlorite to form a peroxide with said agent, the amount of said agent being at least equal to the amount of said fatty acid compound.

2,133,009

ABRASIVE DEVICE

Joseph L. Ballash, Cleveland, Ohio, assignor to The Sterling Grinding Wheel Company, Tiffin, Ohio, a corporation of Ohio

Application November 16, 1936, Serial No. 110,985
4 Claims. (Cl. 51—209)



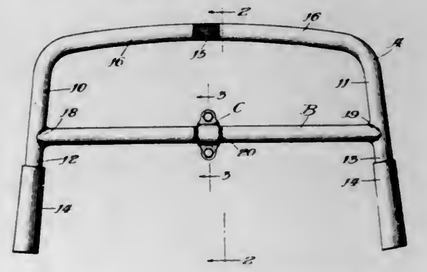
1. An abrasive device comprising a chuck and a segmental grinding ring, the segments having edge portions in engagement with one another, the chuck having means located exteriorly of the segments for contracting the ring and thus forcing the edges of the segments in tight clamping engagement with one another, and an inner wall spaced from said grinding ring but adjacent thereto forming a narrow groove not greater than about $\frac{1}{16}$'' wide within which particles worn from the wheel are adapted to accumulate and prevent spreading or flaring of the segments during operation.

2,133,010

HANDLE BAR

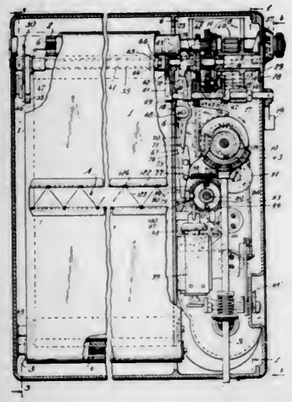
Cornelius J. Barry, Chicago, Ill., assignor to Superior Plating Works, a corporation of Illinois

Application May 1, 1937, Serial No. 140,245
2 Claims. (Cl. 74—551.1)



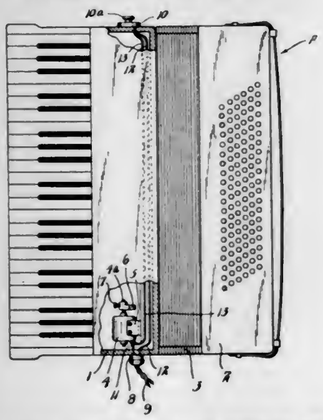
1. In combination with the steering post of a bicycle, a handle bar structure comprising a cross bar having its central portion removably clamped to said steering post, and handle members secured to the ends of said cross bar and extending rearwardly and forwardly thereof, the forward portions of said handle bar being connected by an integral bend portion and substantially straight portion, said straight portion being substantially parallel with and horizontally aligned with said cross bar.

2,133,011
FOCAL PLANE CAMERA SHUTTER
William A. Black, Montclair, N. J., assignor to Fairchild Aerial Camera Corporation, Woodside, Long Island, N. Y., a corporation of New York
Application October 23, 1936, Serial No. 107,136
20 Claims. (Cl. 95—57)



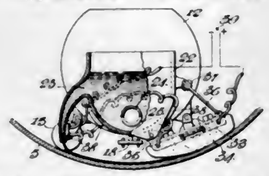
1. In a focal plane camera, the combination of an apertured shutter curtain, a capping curtain for traversing the shutter curtain to render the camera light-tight, means for rewinding the shutter curtain, operative connections between said means and said shutter and capping curtains, timing means in said connections for initiating movement of said capping curtain to render the camera light-tight before movement of said shutter curtain, and means responsive to completion of rewinding of said shutter curtain for releasing said capping curtain to restore it to uncapped position.

2,133,012
TREMOLO DEVICE FOR ACCORDIONS
John M. Bolster, Minneapolis, Minn., assignor to Edward Traficante, Minneapolis, Minn.
Application March 26, 1938, Serial No. 198,243
7 Claims. (Cl. 84—376)



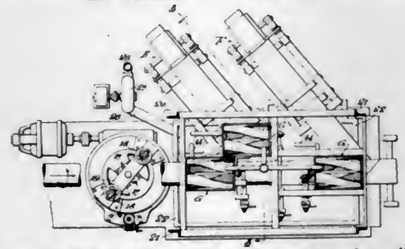
1. In combination with an accordion having a pair of wind boxes connected together by a bellows, a tremolo-producing device comprising, a weight mounted on one of said boxes for movement relative thereto about an axis displaced from the center of mass of said weight, and means for moving said weight about said axis in relatively rapidly recurring cycles.

2,133,013
PIPE COATING APPARATUS
David W. Boylan, San Francisco, Calif., and Clifford F. Morain, Youngstown, Ohio, assignors to General Paint Corporation, San Francisco, Calif., a corporation of Nevada
Application October 28, 1936, Serial No. 108,108
20 Claims. (Cl. 91—30)



3. In pipe coating apparatus, a mobile coating applicator comprising a longitudinal open container body having an overflow opening disposed along one side thereof in a direction paralleling the axis of a pipe being coated, and a spout into which said opening delivers having an outlet lip likewise paralleling the axis of a pipe being coated and over which coating material flows for gentle deposition onto the surface of a pipe being coated and being formed of walls which converge gradually from said opening to said lip whereby to form an air bubble eliminating constriction.

2,133,014
PIPE COATING APPARATUS
David W. Boylan, San Francisco, Calif., assignor to General Paint Corporation, San Francisco, Calif., a corporation of Nevada
Application October 28, 1936, Serial No. 108,109
10 Claims. (Cl. 91—43)

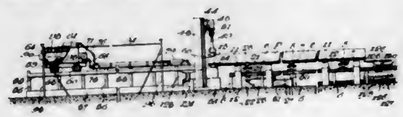


1. In apparatus of the character described, means for applying to a pipe surface a helical ribbon of coating material, and means for gradually decreasing the width of the ribbon from full width to zero whereby to provide a transverse coating cut-off.

2,133,015
PIPE LINING OR COATING MACHINE
David W. Boylan, San Francisco, Calif., Clifford F. Morain, Youngstown, Ohio, and Otto R. Bowman, Chicago, Ill., assignors to General Paint Corporation, San Francisco, Calif., a corporation of Nevada
Application October 28, 1936, Serial No. 108,110
33 Claims. (Cl. 91—30)

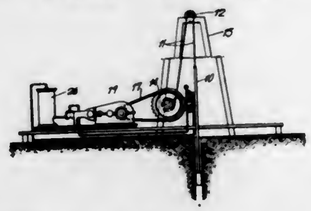
1. In pipe lining apparatus, pipe supporting means, means supported for movement within and without the pipe for applying a heavy ribbon of coating material, and means for bringing about

relative movement between a pipe-to-be-coated and said applying means whereby said ribbon



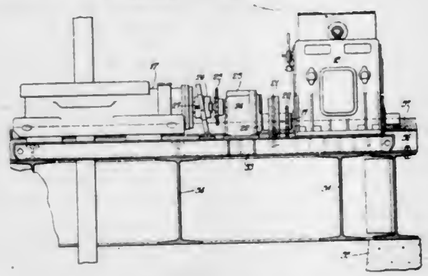
will assume helical form with the helices overlapping to the extent of one-half the width of the ribbon.

2,133,016
CONTROL APPARATUS FOR DRILLING WELLS
John E. Brantly, Birmingham, Ala., assignor to Drilling and Exploration Company, Inc., Dover, Del., a corporation of Delaware
Application December 8, 1934, Serial No. 756,696
7 Claims. (Cl. 255—19)



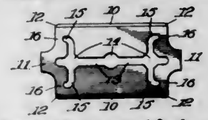
1. A brake for drilling apparatus comprising a drum, a drill suspending cable wrapped on said drum, a s. eed multiplying transmission means driven by said drum, a pump driven by said transmission means, a fluid circuit in series with said pump and having a plurality of throttle valves arranged in parallel in said circuit.

2,133,017
ROTARY DRILLING APPARATUS
John E. Brantly, Avenal, Calif., and John M. Shimer, Dallas, Tex., assignors to Oil Well Supply Company, Dallas, Tex., a corporation of New Jersey
Application August 16, 1935, Serial No. 36,572
2 Claims. (Cl. 255—19)



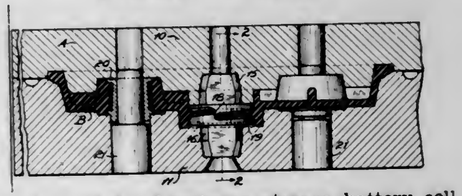
1. A drilling apparatus which comprises a rotary, an engine for driving said rotary, a common supporting base for said engine and said rotary, a speed multiplying mechanism between said engine and said rotary, connecting means between said speed multiplying means and said rotary, an emergency hoist driving sprocket between said engine and said connecting means and driven by said engine, and a second hoist driving sprocket driven by said speed multiplying mechanism.

2,133,018
RAZOR BLADE
Gerald Cahill, Chicago, Ill.
Application September 19, 1932, Serial No. 633,892
8 Claims. (Cl. 30—351)



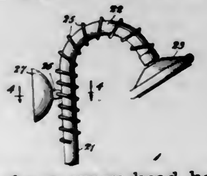
1. A double-edged razor blade of thin metal having reduced ends extended in line with the longitudinal center, a positioning opening on its longitudinal center, openings adjacent the ends of the blade and about midway between the longitudinal center and each cutting edge, said openings extending laterally beyond said reduced ends and to provide between them and the ends of the blade hinge areas parallel with the longitudinal center of the blade, the distance between said openings and the adjacent ends of the blade being less than the distance between said positioning opening and the outer ends of said reduced blade ends.

2,133,019
MOLD
Stanley T. Campbell, Cleveland, Ohio, assignor to The Aetna Rubber Company, Cleveland, Ohio, a corporation of Ohio
Application March 26, 1936, Serial No. 70,979
4 Claims. (Cl. 18—42)



2. A mold for forming a storage battery cell cover having a vent or filler opening provided with an internal thread, said mold comprising two separable half-molds having a cavity and having aligned projections therein the abutting faces of which are spirally arranged and beveled to form a cylindrical core or surface having a spiral groove extending less than 360° thereabout, the parting line of said projections being along the bottom of said groove and connected to opposite ends thereof.

2,133,020
SLIP-ON SHOWER SPRAY HOLDER
Anton Fehrenbach, New York, N. Y.
Application July 15, 1936, Serial No. 90,681
1 Claim. (Cl. 248—75)



A support for a spray head having a flexible tube connected centrally with the head and comprising a wire loosely coiled helically around the tube at the portion adjacent the head, said coils being widely spaced and curved arcuately in conformity with the tube, a flexible suction sup-

port and a lug extending from said support having an opening to adjustably engage the coiled wire at any point along its length.

2,133,021

PACKAGE

George K. S. Ferguson, Baltimore, Md., assignor to The Baltimore Paper Box Company, Baltimore, Md., a corporation

Application October 15, 1935, Serial No. 45,135
6 Claims. (Cl. 206—46)



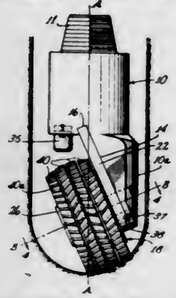
2. A package comprising a primary carton formed of fiber board and consisting of a top portion, a bottom portion, side wall portions and end wall portions, certain oppositely disposed portions of the carton being provided with aligned ventilating openings, a vent flue in the carton communicating with said openings, and secondary telescopic containers arranged within the carton and only partially filling the space within the carton, and means placing the unoccupied space within the carton in communication with said flue.

2,133,022

ROTARY DRILL BIT

Robert P. Fisher, Los Angeles, Calif., assignor of fifty-one percent to Rudolph Pageman, Los Angeles, Calif., and twenty-four percent to Pierce W. Koontz, Los Angeles, Calif.

Application April 20, 1937, Serial No. 137,937
8 Claims. (Cl. 255—71)



1. In a rotary drill bit, the combination of a shank adapted for attachment to a drill stem for rotation thereby and having a substantially plane downwardly disposed thrust surface; a cutter-bearing member having a portion adapted to bear against the shank thrust surface in load-transmitting relation; means preventing movement of the bearing member relative to the shank; and a cutter rotatably mounted on the bearing member to turn about an inclined axis, said cutter being generally cylindrical and having cutting teeth around its periphery, the cutting edges of the teeth being inclined to the axis of cutter rotation and being arcuate to conform to a spherical surface having its center on the axis of cutter rotation.

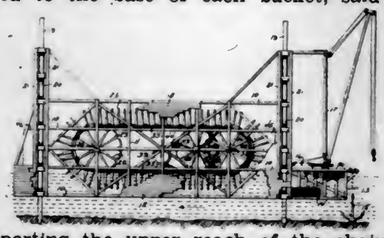
2,133,023

CURRENT MOTOR

Jabez G. Gholston, Washington, D. C.

Application August 16, 1935, Serial No. 36,586
1 Claim. (Cl. 170—88)

In a current motor, a frame, spaced parallel rails forming a track open at both ends on the frame, a free moving endless hydraulic bucket chain having wheels riding upon the track, said chain being adapted to be reversed in direction of travel on the track when current flow is reversed, buckets on the chain, an axle rigidly secured to the base of each bucket, said track



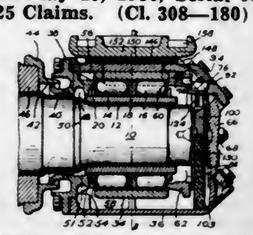
supporting the upper reach of the chain in a horizontal position, the track terminating short of each end of said reach, and sprocket wheels engaging the axle and moved by the chain, the upper portions of the sprocket wheels being substantially level with the ends of the track so that the chain may move in either direction on the track without obstruction.

2,133,024

JOURNAL BOX

Harold R. Gibbons, Chatham, and Richard J. Brittain, Jr., Bloomfield, N. J., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application May 19, 1936, Serial No. 80,574
25 Claims. (Cl. 308—180)



1. In a device of the character indicated, a housing having an internal bearing surface, a shaft, antifriction rolling elements between the shaft and the bearing surface of the housing, separating means for the rolling elements and comprising end rings engaging the ends of the rolling elements, retaining members secured to the housing beyond the bearing surface, the retaining members having flanges projecting axially over and surrounding the end rings and extending inside of the bearing surface, and the flanges having abutment faces adapted for direct engagement with the ends of the rolling elements to limit endwise movement of the latter; substantially as described.

2,133,025

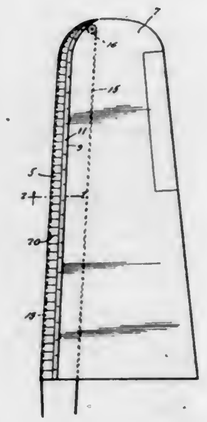
DE-ICER FOR AEROPLANES AND THE LIKE

Julian F. Hamil, Temple, Tex.

Application May 3, 1938, Serial No. 205,821
5 Claims. (Cl. 244—134)

2. In an aeroplane, a wing structure tapering rearwardly from a leading edge, a fixed elastic covering for said wing structure mounted on the outside of said wing structure and enclosing the leading edge thereof, said sheet having a metal tape longitudinally embedded therein intermediate the longitudinal edges of the sheet, and said

tape having an end adapted to extend into the fuselage of an aeroplane to be alternately pulled



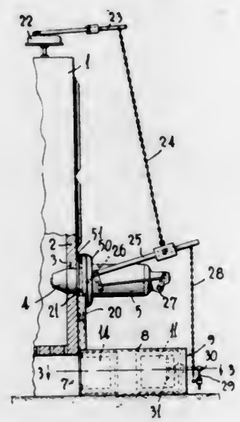
and released for alternately stretching and contracting said elastic sheet for breaking loose ice tending to form on said sheet.

2,133,026

SECONDARY AIR CONTROL FOR FURNACES

Philip O. Henderson, Washington, D. C., assignor of one-third to John O'Dea and one-third to B. Earl Wenger, both of Washington, D. C.

Application May 4, 1937, Serial No. 140,750
12 Claims. (Cl. 158—28)



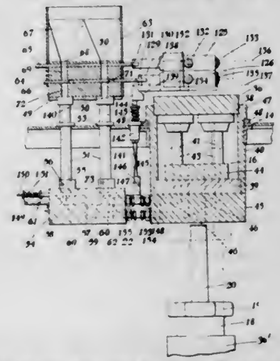
1. In an air admission and control apparatus for a furnace, a duct adapted to convey combustion air to the furnace, and closure means in said duct normally open and adapted to close upon the occurrence of reverse flow of gases through the duct, said closure means comprising shutter means relatively near the inlet end of the duct movable to close the duct and second shutter means relatively near the discharge end of the duct movable by said reversely flowing gases partially to close the duct to direct said gases against the first named shutter means to close the same.

2,133,027

APPARATUS FOR MOLDING HOLLOW ARTICLES, FOR EXAMPLE, FROM ARTIFICIAL RESINS

Heinrich Hönig, Dusseldorf, Germany, assignor to Richard Collins and John Joseph Sheridan, both of Dublin, Irish Free State, and Philip Morris Scher, London, England

Application April 3, 1936, Serial No. 72,646
In Great Britain April 10, 1935
17 Claims. (Cl. 18—5)



5. Apparatus for molding hollow articles from artificial resins comprising a plurality of mold assemblies, each comprising a plurality of molds open at one end, means for closing said molds at their open ends, nozzles carried by said mold assemblies and extending into said molds, conduits connected to said nozzles, means for supplying moldable composition to said conduits, means for supplying fluid under pressure to said conduits, means for moving said mold assemblies successively into operative relation with said composition supplying means and into operative relation with said mold closing means, and said pressure fluid supply means.

2,133,028

MOLD RESISTING REMOISTENING TAPE

Ferdinand W. Humphner, Oak Park, Ill., assignor, by mesne assignments, to Mid-States Gummed Paper Company, a corporation of Delaware

No Drawing. Application December 9, 1935, Serial No. 53,676
1 Claim. (Cl. 91—68)

Gummed tape of the character set forth, comprising: a paper strip having one side thereof covered with a coating of gum normally dry but adapted to be rendered adhesive through the application of moisture and on the opposite side thereof a coating of silicate of soda completely covering said side.

2,133,029

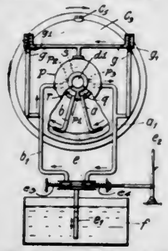
TURBO COUPLING

Fritz Kugel, Heidenheim-on-the-Brenz, Germany, assignor to American Voith Contact Company Inc., New York, N. Y.

Application February 18, 1937, Serial No. 126,514
In Germany February 20, 1936
10 Claims. (Cl. 60—54)

1. In a fluid power transmitter, a rotatable casing having intercommunicating fluid storage and working chambers, a driving rotor and a driven rotor in said working chamber, a stationary casing having a centrally disposed hub-like portion with fluid intake and outlet compartments therein, stationary scoop tube means hav-

ing oppositely facing mouths in said storage chamber, said scoop tube means extending inwardly to said hub-like portion and connected respectively for withdrawal of fluid from said intake compartment and for delivery of fluid to said outlet compartment, a fluid source, means for connecting said fluid source with said intake



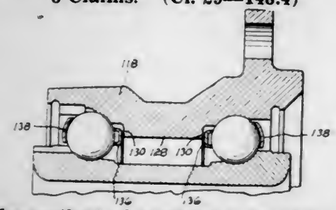
and outlet compartments respectively, and a valve in said connecting means for selectively placing said fluid source in communication with one of said compartments, said storage compartment being adapted to contain a liquid the level of which is above the level of said mouths at all times.

2,133,030

ANTIFRICTION BEARING AND METHOD OF MAKING SAME

Samuel R. Large, Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application December 12, 1935, Serial No. 54,108
8 Claims. (Cl. 29—148.4)



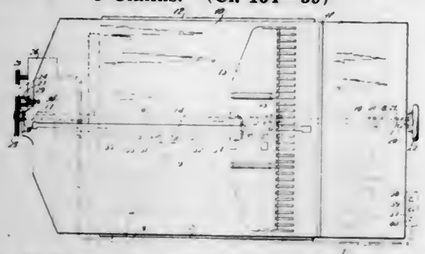
5. The method of securing a separator to rolling elements in the restricted annular space between opposed one-piece race rings of a bearing, which consists in utilizing a rigid shoulder on one of the race rings as an abutment to back up the separator, and applying pressure to portions of the separator in opposition to the abutment to secure the separator and rolling elements together; substantially as described.

2,133,031

BACK GAUGE FOR PAPER CUTTERS

John R. Lehman, Dayton, Ohio, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio, a corporation of Delaware

Application January 22, 1937, Serial No. 121,725
5 Claims. (Cl. 164—59)



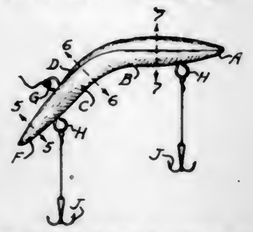
1. In a paper cutting machine, a table, a back gauge movable thereover forwardly and backwardly, an electric motor arranged to drive said back gauge in either direction, front and rear limit switches for opening the circuit of said motor when the gauge reaches predetermined forward or rearward positions, a fixed bracket arranged intermediate the limits of travel of the back gauge, and lever means carried by the bracket adapted to be actuated by the gauge when it reaches its predetermined limits of movement, said lever means being adapted to operate said switches.

2,133,032

FISH LURE

John L. Martz, Detroit, Mich.

Application July 19, 1937, Serial No. 154,355
2 Claims. (Cl. 43—46)



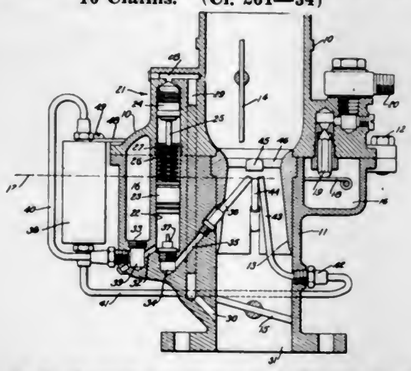
1. In a fish lure, a body having a horizontally disposed tranversely oval rear portion, tapering toward the rear end thereof, the forward portion of said body being obliquely deflected downwardly from the said rear portion, a rib midway the width of the forward portion of said body extending longitudinally of the body and terminating in spaced relation to the front end thereof, the surface between the rib and the front end being concaved transversely, and a cavity upon each side of said rib extending longitudinally thereof and merging into the concaved surface extending transversely of the body between the rib and the front end of the body.

2,133,033

CARBURETOR

Lester H. Messinger, Jr., Trumbull, Conn., assignor to Messinger Devices, Incorporated, Bridgeport, Conn., a corporation of Connecticut

Application December 12, 1935, Serial No. 54,033
10 Claims. (Cl. 261—34)



1. In a carburetor including a venturi, a fuel chamber, a nozzle for supplying fuel from said chamber to said venturi, a pump communicating with said chamber and including vacuum operated means to move it to loaded position and

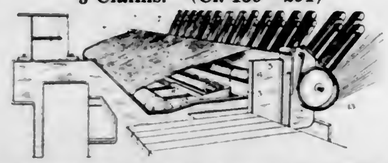
spring means to operate it to discharge fuel on reduction of vacuum on said means, a receptacle, a passage connecting the receptacle, pump and nozzle, a valve in said passage in position to cut off the nozzle whereby as the pump discharges it forces fuel into the receptacle, said valve arranged to be held off its seat by the pump when the latter is in discharged position, and a passage connecting said receptacle with the venturi for the passage of fuel from the receptacle to an engine fed by the carburetor.

2,133,034

APPARATUS FOR MANUFACTURING WOVEN DRIER FELTS

Tom Milnes, Lachute Mills, Quebec, Canada

Original application February 26, 1936, Serial No. 65,754. Divided and this application September 16, 1937, Serial No. 164,211
3 Claims. (Cl. 139—291)



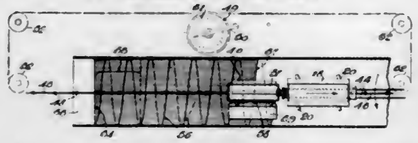
1. Apparatus for weaving paper drier felts comprising a loom equipped with a combined take up and calendering mechanism comprising a pair of superposed take up rolls around which the woven felt issuing from the loom is trained so that it is passed between the rolls from beneath the lower roll and then over the upper roll, a steam heated roll around which the felt is passed after leaving said first mentioned take up rolls and a vertically displaceable winding roll on which the felt is wound by the steam heated roll, means for driving said superposed upper and lower rolls at different relative speeds and means for driving the steam heated roll at a higher speed than either of said upper and lower rolls.

2,133,035

PIPE LINING OR COATING MEANS

Clifford F. Morain, Youngstown, Ohio, assignor to The General Paint Corporation, San Francisco, Calif., a corporation of Nevada

Application October 28, 1936, Serial No. 108,106
17 Claims. (Cl. 91—30)



1. In pipe coating apparatus, a mobile coating applicator receivable within the pipe including a coating material carrying housing of a capacity for carrying enough coating material for coating a number of pipes and from which coating material flows for coating interior portions thereof, means by which the applicator can be moved longitudinally in the pipe, and means associated with said last named means for indicating externally the position of the applicator within the pipe.

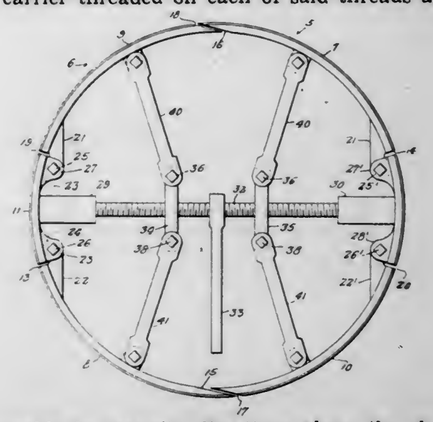
2,133,036

EXPANSIBLE AND CONTRACTIBLE RIM

John B. Moricle, Williamson, W. Va.

Application May 20, 1936, Serial No. 80,864
Renewed March 25, 1938
1 Claim. (Cl. 18—38)

An expansible and contractible rim of the character described, said rim comprising a pair of diametrically opposed bases each formed with a socket, a shaft having its opposite ends rotatably mounted in the sockets, means for rotating said shaft in either direction, said shaft being formed on its surface with a left hand thread and a right hand thread at opposite sides of its middle, a carrier threaded on each of said threads and



movable in opposite directions along the shaft whenever the shaft is rotated, a pair of oppositely extending links having their inner ends pivoted to each of the carriers, a rim segment pivoted intermediate its ends on the outer end of each of said links, and pivotal connections between said bases and the adjacent ends of respective rim segments.

2,133,037

METHOD OF PRODUCING DIAZO-AMINO COMPOUNDS

Wendell W. Moyer, Syracuse, N. Y., assignor to The Solvay Process Company, New York, N. Y., a corporation of New York

No Drawing. Application January 3, 1936, Serial No. 57,366
8 Claims. (Cl. 260—140)

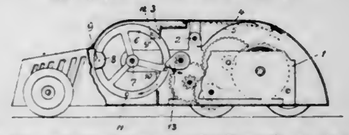
1. The method of preparing a diazo-amino compound from a primary aromatic amine, which comprises introducing NOCl into intimate contact with the arylamine in a formula ratio of not more than about 1.3 to 2 and maintaining sufficient base present to bind hydrochloric acid formed during the reaction.

2,133,038

BLOW SWITCH OPERATED TOY

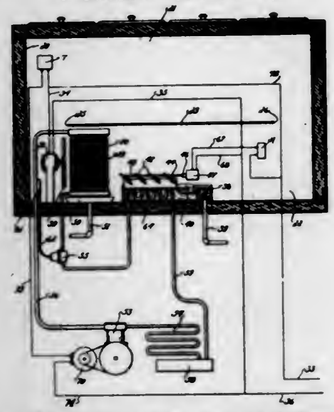
Heinrich Müller, Nuremberg, Karl Vogl, Muhlhof-on-the-Schanz, and Alfred Wich, Furth, Germany; said Vogl and said Wich assignors to said Müller

Application March 13, 1937, Serial No. 130,778
In Germany January 25, 1937
22 Claims. (Cl. 46—210)



1. A toy comprising a clockwork, a transmission mechanism for alternately locking and releasing said clockwork, and a blow-switch for controlling the action of said transmission mechanism, said blow-switch being fulcrumed at a point causing it to be sensitive to a small force, whereby the successive applications of a small force to said blow-switch will alternately cause the locking and releasing of said clockwork.

2,133,039
AIR CONDITIONING SYSTEM
Lawrence A. Philipp, Detroit, Mich., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich., a corporation of Maryland
Application September 1, 1934, Serial No. 742,418
7 Claims. (Cl. 62—6)

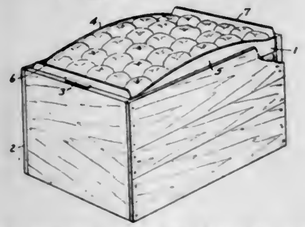


1. A refrigerating and air conditioning system comprising in combination a cabinet, heat absorbing element within the cabinet, a source of moisture within the cabinet, means for heating said source of moisture, means for causing air to circulate first over the heat absorbing element and then over the source of moisture for cooling the air and then absorbing some of the moisture, and means responsive to humidity condition of the air for regulating the flow of a portion of the air over the source of moisture.

2,133,040
PRODUCTION OF RUBBER FROM POINSETTIA SERUM
Herman E. Pitman, St. Louis, Mo.
No Drawing. Application February 21, 1935, Serial No. 7,638
7 Claims. (Cl. 18—49)

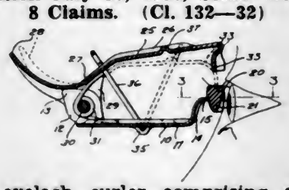
1. As a commercial product, the serum of the large-leaf Guerrero poinsettia preserved against rancidity with a preserving agent containing commercial ammonia and a small quantity of sodium chloride.

2,133,041
PROTECTIVE COLLAR FOR FRUIT BOXES
Carl E. Ridgway, Seattle, Wash.
Application April 9, 1938, Serial No. 201,024
1 Claim. (Cl. 217—3)



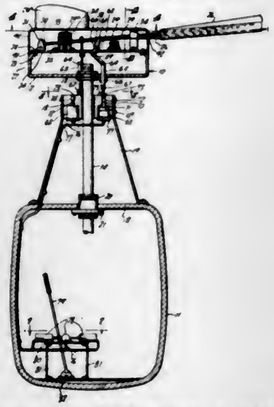
A fruit protecting collar for the upper filling ends of fruit packing boxes, cases, cartons, and the like, of the type comprising an endless vertically positioned collar of less depth than the depth of the box fitting snugly around and in engagement with the inner surfaces of the four sides of the box and having fruit protecting zones projecting above the edge of the box on all four sides; comprising a flat strip of material positioned with part extending downward inside of the box and the parts forming the fruit protecting zones extending upward, and with the parts at the ends of the box scored across the ends at points corresponding with the upper edge of the box with the parts forming the said fruit protecting zones at the ends thereby hinged, and adapted to fold inward as a cover is applied to the box protecting the fruit from the cover; and supporting hinged tabs struck from the parts of the ends of the collar extending downward inside of the box also scored and having their hinges formed thereby coincident with the aforesaid score, and adapted to fold outward at the points corresponding with the upper edge of the box, forming bearing surfaces to engage the top edge and outside of the ends of the box.

2,133,042
EYELASH CURLER
Henry S. Risberg, Brooklyn, N. Y.
Application July 30, 1936, Serial No. 93,320
8 Claims. (Cl. 132—32)



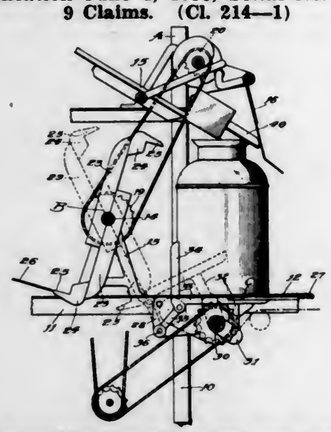
1. An eyelash curler comprising a pair of clamp levers pivoted at one end and having jaws bowed and arched to conform with the shape of a human eyelash at their opposite ends, a yielding cover on one of said jaws, and a rigid complementary pressure member on the other jaw, said jaws moving in the path of a circular arc.

2,133,043
AEROPLANE
Walter W. Rothenhoefer, St. Louis, Mo.
Application August 19, 1935, Serial No. 36,786
3 Claims. (Cl. 244—17)



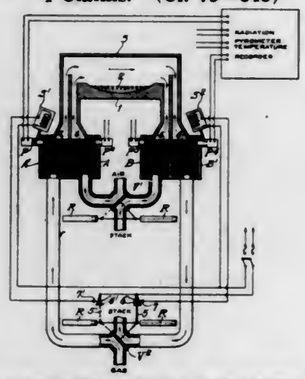
1. In a rotor for helicopters, a rotatable hub member, blades extended radially from the hub member, a bearing block beneath the hub member, cams arranged in the bearing block at spaced points around a circle having as its axis the axis of rotation of the hub member, a flap fastened by one margin to each blade, and control means whereby elevating any one of the said cams will cause a flexing of the flap on each blade as it passes a point in radial alignment with the raised cam to increase the lift of the blade.

2,133,044
CAN UPRIGHTING AND DISCHARGING MECHANISM
Otto B. Rufus, Chicago, Ill., assignor to Lathrop-Paulson Company, Chicago, Ill., a corporation of Illinois
Application June 4, 1936, Serial No. 83,596
9 Claims. (Cl. 214—1)



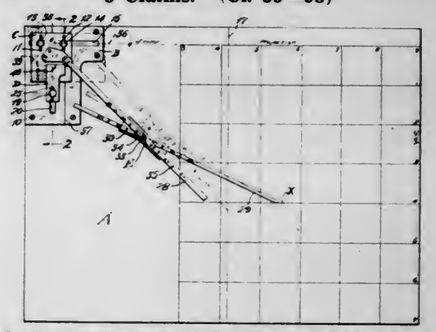
1. In combination with a can turn-over, a tiltable can-supporting platform adapted to support the cans after they have been turned over to an inclined position by said turn-over, and means for moving said platform forwardly of said turn-over to discharge said cans therefrom, said means being effective also to tilt said platform to bring said cans into upright position.

2,133,045
REGENERATIVE FURNACE AND MEANS FOR MEASURING THE TEMPERATURE THEREOF
Lewis Rumford, II, Wilmington, Del., assignor to United States Steel Corporation, New York, N. Y., a corporation of New Jersey
Application December 24, 1936, Serial No. 117,665
4 Claims. (Cl. 73—343)



2. A regenerative furnace including checker chambers disposed adjacent each end of said furnace and provided with means to reverse the fuel and air supply to the furnace thereby to alternately heat up and cool down said chambers by the passage of outgoing gases of combustion and ingoing fuel and air therethrough respectively, each checker chamber being provided with means to determine the temperatures attained by the checker brickwork in said checker chambers during the heating up cycle, said means including an opening extending through the wall of said chamber adjacent the top thereof, a radiation pyrometer closing said opening from the atmosphere, a shutter element disposed in said opening intermediate the pyrometer device and the interior of the chamber, solenoid actuated means to move the shutter to shut and open position, and means actuated by said furnace reversing means to energize and de-energize said solenoid means upon operation of said reversing means, said energization and de-energization of the solenoid means being adapted to open the shutter element in the opening during the heating up period for the chamber and to close the shutter during the period of cooling down.

2,133,046
CALCULATOR
Edward H. Schane, Lakewood, Ohio, assignor to The Fanner Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application December 24, 1936, Serial No. 117,592
5 Claims. (Cl. 33—98)

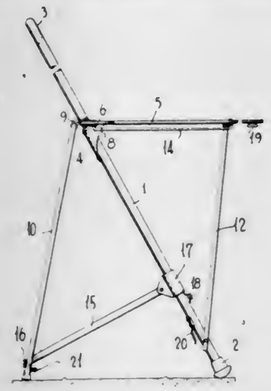


1. An awning calculating device of the character described comprising a support having linear scales arranged longitudinally and transversely thereof representing projection and drop of an awning respectively, an extensible arm simulating an arm of a lateral arm type awning, and means for pivotably supporting said arm in predetermined relation to the zeros of said scales for movement about an axis normal to the plane of said support, said extensible arm having a scale thereon representing various lengths of awning arms.

2,133,047
FOLDING STOOL
Albert Jay Sheldon, Willsboro, N. Y.
Application July 12, 1937, Serial No. 153,229
4 Claims. (Cl. 155—149)

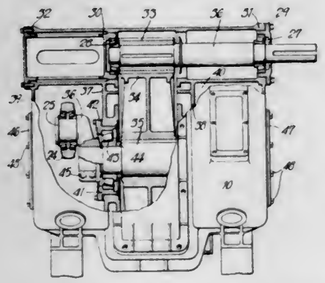
1. A portable, folding stool comprising a forward leg, a seat member hinged to the forward leg and having a portion extending from said hinge rearwardly of the forward leg, means for supporting the seat member on the forward leg, a rear leg member hinged to said rearwardly extended portion of the seat member and having foot portions spaced apart laterally with respect to the forward leg to cooperate therewith to make the stool self-supporting when opened, means

connecting the rear leg member to the forward leg for limiting their separation when opened, and cooperating latch elements carried by the forward and rear legs respectively, adapted to be



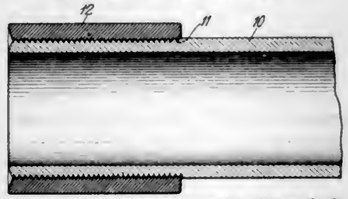
brought into proximity to each other when the rear leg is folded against the forward leg and adapted to be drawn into latched engagement with each other when the seat member is thereafter folded against the forward leg.

2,133,048
PUMP
John M. Shimer, Dallas, Tex., assignor to Oil Well Supply Company, Dallas, Tex., a corporation of New Jersey
Application November 28, 1936, Serial No. 113,242
2 Claims. (Cl. 74—606)



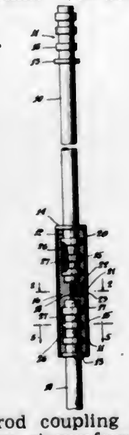
2. Power transmitting mechanism which comprises a housing having a pair of spaced partitions therein dividing the housing into three compartments, aligned bores in said partitions, removable bearings in said bores, openings in the side walls of said housing opposite said aligned bores to provide access to each outside compartment, cover plates for said side wall openings, an opening in the housing adapted to permit access to the center compartment, a cover plate for said opening, a crank shaft extending through said bores seated in said removable bearings, a split gear member mounted on said shaft in the center compartment, crank arms mounted on said shaft in each outside compartment, a drive shaft extending into said housing, removable bearing members suporting said drive shaft, and gear means connecting the said drive shaft to said split gear member mounted on the said shaft in the center compartment.

2,133,049
THREAD PROTECTOR
John M. Shimer, Dallas, Tex., assignor to Oil Well Supply Company, Dallas, Tex., a corporation of New Jersey
Application April 9, 1937, Serial No. 135,992
1 Claim. (Cl. 138—96)



A protector for an externally threaded article comprising a sleeve consisting of elastic material of less diameter than the threaded portion of the article and adapted to be applied thereto by stretching of the sleeve over the threaded portion of the article, said sleeve being retained in position solely by its inherent resiliency.

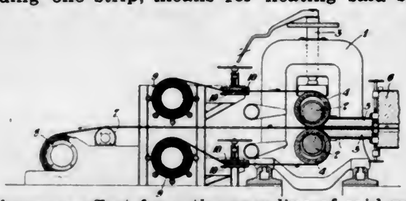
2,133,050
SUCKER ROD AND COMBINED COUPLING AND TORSION JOINT THEREFOR
Richard P. Simmons, Laurelton, N. Y.
Application June 17, 1936, Serial No. 85,773
4 Claims. (Cl. 287—111)



4. A sucker rod coupling comprising axially aligned members circumferentially reduced at spaced points to provide a series of spaced fixed collars, a plurality of coupling members spanning the axially aligned members and having a bore formed jointly in them and enlarged at spaced points to receive said collars, the coupling members being of such angular dimensions that their sum circumferentially is less than 360° whereby said members are spaced at their adjacent edges, a sleeve arranged in embracing relation to said coupling members and having a key engageable in the space between them and latching means securing the sleeve and coupling members against relative axial movement.

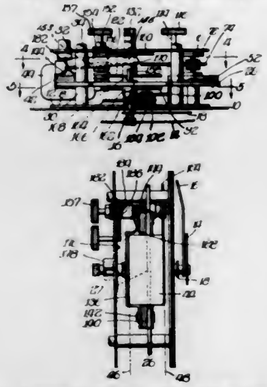
2,133,051
METAL ROLLING MILL
Claude A. Bollinger, Gary, Ind.
Application March 24, 1937, Serial No. 132,823
1 Claim. (Cl. 80—31.1)

A mill characterized by a set of hollow rolls and mandrels passed through said rolls and provided with holddowns for applying pressure to said rolls, the inside diameters of the latter being materially greater than the outside diameters of said mandrels, said mill being adapted to join strips in superimposed relation and including means for feeding one strip, means for heating said strip



and means offset from the pass line of said mandrels for feeding at least one other strip tangentially into contact with one of said rolls so that it wraps therearound to a sufficient extent to abstract substantial amounts of heat from said roll imparted thereto by the first named strip, prior to passing through said rolls with the first named strip.

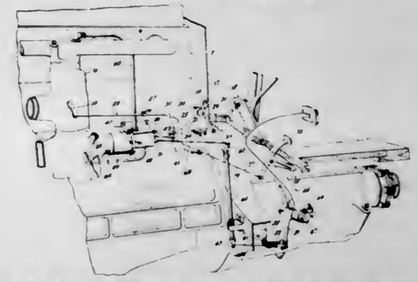
2,133,052
ELECTRIC CLOCK
Frederic R. Borgfeldt, Middlebury, Ind., assignor, by mesne assignments, to Globe American Corporation, Macomb, Ill., a corporation of Illinois
Application May 3, 1935, Serial No. 19,666
10 Claims. (Cl. 58—38)



1. In an electric clock, the combination of a gear train, a motor for driving said gear train, said motor comprising a rotor and a field structure producing a magnetic field, said field structure having a core and a winding, a magnetizable buzzer having one end connected to said core and the other free end being in juxtaposition thereto and adapted to be vibrated by said magnetic field, said buzzer embracing said winding and adapted to engage said core intermediate its ends, and a manually operated alarm setting means having means for holding said buzzer inoperative during a portion of the operation of said gear train, said means being operated by said gear train for automatically releasing said buzzer at a predetermined point in the operation of said gear train, and alarm shut off means cooperating with the other end of said buzzer to move the same about its point of engagement with said core for placing a stress in said buzzer to eliminate undesirable noises during operation of said motor.

2. In an electric clock, the combination of a gear train, a motor for driving said gear train, a buzzer operated by said motor to effect an audible signal, and a manually operated alarm setting means including intermeshing gears mounted on spaced shafts, a lever mounted on one of said shafts associated with said means, and means mounted on the other of said shafts for controlling the operation of said lever, said last-named means having means to maintain said lever in position to hold said buzzer in inoperative position during a portion of the operation of said first-named gear train and to allow movement of said lever to release said buzzer at a predetermined point in the operation of said first-named gear train.

2,133,053
CLUTCH OPERATING MECHANISM
Oliver K. Kelley, Pontiac, Mich., assignor to Yellow Truck and Coach Manufacturing Company, Pontiac, Mich., a corporation of Maine
Application July 16, 1932, Serial No. 622,998
22 Claims. (Cl. 192—.01)

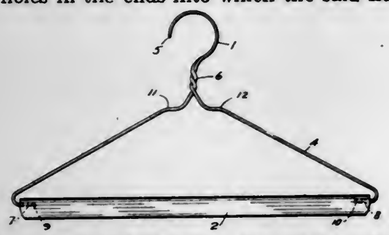


1. A fluid pressure motor adapted to move a power-transmitting member having spring-actuating means, said motor comprising a power cylinder, a piston element therein movable under the influence of fluid pressure changes on a first side thereof, a piston rod element connected to said piston element and operably connected to said power-transmitting member whereby the movement of said piston element may overcome the said spring means, said piston rod element including relatively movable parts, one part having a vent opening to restore the pressure on said side of the piston, and yielding means between said parts operable to move said parts relatively to each other to normally close said opening as the tension in the piston element influenced by the spring means decreases.

2,133,054
GARMENT HANGER
Henry S. Kofalk, Darien, Conn., assignor to Star-Service Hanger Company, Detroit, Mich., a corporation of Michigan
Application May 3, 1937, Serial No. 140,482
1 Claim. (Cl. 223—88)

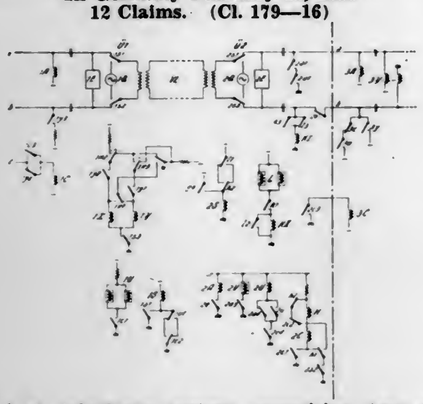
A garment hanger of the type having a hook formed of a double strand of wire, with a rigid, straight, horizontal bar; comprising a single length of wire bent midway of its length, with the intermediate parts thereof in parallel relation, shaped to form a hook, and twisted to form a vertical member extending downward from said hook, and with the individual strands bent outward from the lower end of the twist, then horizontally for a short distance, and then sloped downwardly to points substantially corresponding with the ends of an independent straight member that may be mounted between the open

ends of said downwardly sloping members, and with the ends of both strands bent inwardly forming horizontal pins adapted to be forced into the ends of the said horizontal member, and said horizontal member being made of wood and of a substantially oval shape in cross section with the upper side of greater thickness than the lower, providing a relatively thin lower edge, and with holes in the ends into which the said hori-



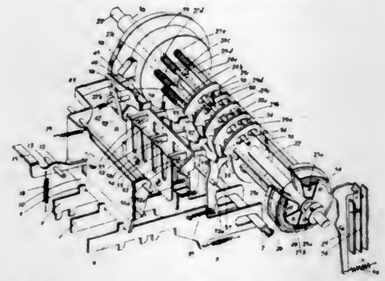
zontal ends of the two wire strands are placed to support the said horizontal member; said device characterized in that the said horizontal ends of the individual strands fit snugly in the openings in the ends of the horizontal member, and also in that the holes are positioned adjacent the upper end of said horizontal member causing said member to hang with the longer, thinner edge extending downward.

2,133,055
TELEPHONE SYSTEM
Martin Hebel, Oberbayern, Germany
Application September 14, 1936, Serial No. 100,671
In Germany February 12, 1936
12 Claims. (Cl. 179—16)



1. A telephone system comprising two exchanges with speech lines, a trunk line between said exchanges, repeaters at the two ends of said trunk line connecting said trunk line inductively to said exchanges, means associated with said repeater at the incoming end of said trunk line for receiving a backward impulse over a speech wire and retransmitting said impulse in the form of two impulses through said trunk line, means associated with said repeater at the outgoing end of said trunk line for converting two impulses received over said trunk line to one impulse and for retransmitting said impulse over a speech wire, means associated with said repeater at the outgoing end of said trunk line for transmitting impulses through said trunk line, and means associated with both repeaters for positively actuating in phase said impulse doubling and halving means on transmission of impulses from the outgoing to the incoming repeater.

2,133,056
TELEGRAPH TRANSMITTER
Alfred Lahl, Frankfort-on-the-Main, Germany, assignor to Telefonbau und Normalzeit Aktiengesellschaft, Frankfort-on-the-Main, Germany, a corporation of Germany
Application December 29, 1936, Serial No. 118,100
In Germany December 31, 1935
12 Claims. (Cl. 178—79)



1. A telegraph transmitter comprising a plurality of operating keys, a transmitting contact, a motor, a rotatable body, a clutch device controlled by said keys for coupling said body to said motor for the duration of one revolution, movable cams carried by said body for influencing said transmitting contact on rotation of said body, a plurality of spring-loaded permutation members selectively releasable for displacement by their springs on actuation of said keys, a plurality of intermediate members adapted to be set by said permutation members whereby to set said movable cams at the beginning of each revolution of said rotatable body, means for locking said intermediate members in the set position, means responsive to the depression of a key for bringing said locking means into operation and means adapted to be influenced by said rotatable body after said movable cams have been set by said intermediate members for making said locking means inoperative, said last mentioned means being independent of the depression of an operating key.

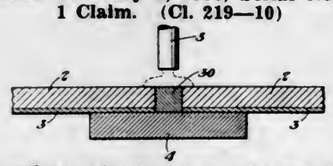
2,133,057
DETACHABLE LOOP FASTENER FOR GARMENTS
William A. Mysels and Robert Isenberg, Chicago, Ill.
Application June 28, 1937, Serial No. 150,688
4 Claims. (Cl. 2—96)



1. In combination with a garment, of means for fastening said garment on the person, said means including a pair of members permanently secured to the inner lining of said garment and normally concealed from view, a loop member having its free ends in detachable engagement with said first mentioned members, and means

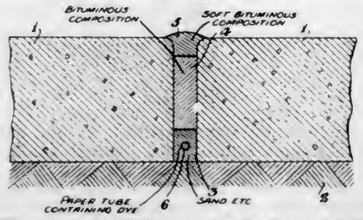
for permitting the withdrawal of said first mentioned members for the purpose of attaching said free ends of said loop member thereto.

2,133,058
WELDING
Sumner E. Paine, McKeesport, Pa., assignor to National Tube Company, a corporation of New Jersey
Application February 4, 1936, Serial No. 62,359
1 Claim. (Cl. 219—10)



The method of joining bi-metallic articles composed of contacting layers of stainless steel and basic steel which includes juxtaposing the edges of the said bi-metallic articles to be joined, the like layers of said bi-metallic articles being oppositely disposed, disposing a metallic filler between and in contact with the juxtaposed edges of said bi-metallic articles, said filler being of substantially the same composition as the metal of the said stainless steel layer and having a surface which is substantially flush with the outer surface of the layer of stainless steel, placing a backing-up bar of high heat conductivity against the substantially flush surface of said filler and the adjacent stainless steel surfaces, and welding said metallic filler to the juxtaposed edges of said bi-metallic articles from the said basic steel side without fusing the surface of the said filler which is flush with the adjacent stainless steel surfaces.

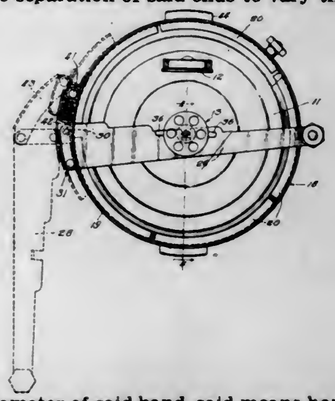
2,133,059
LEAKAGE-INDICATING PAVEMENT JOINT
Walter O. Snelling, Allentown, Pa.
Application March 30, 1937, Serial No. 133,893
3 Claims. (Cl. 94—18)



1. The process of forming a leakage-indicating pavement joint which comprises disposing within the length of the lower portion of the opening between adjacent pavement units a train of a water-transportable indicator material, and subsequently sealing such train of water-transportable indicator material within the joint fissure by means of an overlying mass of a pavement sealing composition.

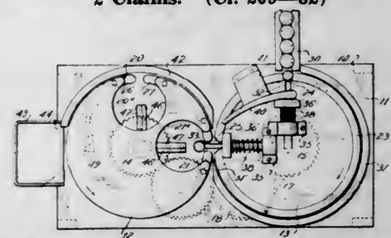
2,133,060
CLOSURE FOR PRESSURE COOKERS
Percy W. Stephens, Chicago, Ill.
Application December 30, 1936, Serial No. 118,401
6 Claims. (Cl. 220—61)

1. A closure device for sealing the cover to the body portion of a container, including: a substantially circular flexible metal band having flanges extending inwardly therefrom, at least one of said flanges diverging from the plane of said band, said band having two normally adjacent ends; a socket on one end of said band; a coil spring in said socket; and toggle means for positively varying the separation of said ends to vary the effec-



tive diameter of said band, said means having one end thereof slidably splined in said socket and in contact with said spring, whereby closing pressure is exerted through said spring.

2,133,061
ROTARY SORTING MACHINE
Lawrence H. Strayer, Kent, Ohio, assignor to The Lamson & Sessions Company, Kent, Ohio, a corporation of Ohio
Application October 20, 1936, Serial No. 106,607
2 Claims. (Cl. 209—82)

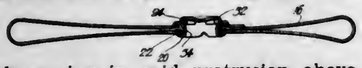


1. In a machine of the character described the combination of a pair of rotatable drums having peripheral openings adapted to register with each other during rotation of the drums, a gauge in the opening of one drum comprising a pair of elements spaced to permit passage of articles of predetermined characteristic and to temporarily retain other articles, means for feeding individual articles to the opening of the other drum, a plunger operable to transfer the individual articles from the opening of said other drum to said gauge, means for actuating said plunger to retract the same adjacent the feeding station and to extend the same adjacent the transfer station, and means for retaining the articles in the opening of said other drum during travel from the feeding station to the transfer station.

2,133,062
METER SEAL
Frederick B. Thomson, Teaneck, N. J., assignor to Engineering Products Corporation, Inc., New York, N. Y., a corporation of New York
Application November 8, 1935, Serial No. 48,794
3 Claims. (Cl. 292—309)

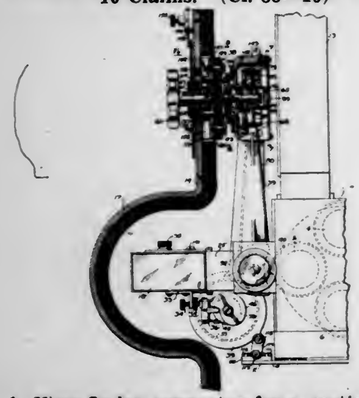
1. A fastener comprising a strip of metal hav- a protrusion stamped upwardly and extensions

on opposite sides of said protrusion each said extension having an opening and being bent reversely to superpose said openings over said protrusion and with the protrusion projecting there-



through, a ring in said protrusion above said openings, and said ring and the walls of said protrusion being expanded above said openings to prevent removal of the protrusion therethrough.

2,133,063
FOLLOW FOCUS DEVICE
Albert W. Tondreau, Hollywood, Calif., assignor to United Research Corporation, Long Island City, N. Y., a corporation of Delaware
Application June 24, 1935, Serial No. 28,102
10 Claims. (Cl. 88—16)



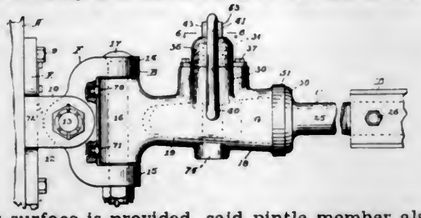
1. View finder apparatus for a motion picture camera comprising a lens turret for said camera adapted to support a plurality of different objective lenses, means for mounting a plurality of cams corresponding in number to said objective lenses, a follower mounted adjacent said cams and adapted to engage with a selected one of said cams, means for selecting a certain cam for engagement with said follower, a view finder contacting said follower and adapted to be moved by said follower, and means interconnecting said cams and a selected objective lens for simultaneously focusing said selected objective lens and for rotating said cams.

2,133,064
COLORATION OF FRUIT
David G. Ulrey, Tampa, Fla., assignor to H. Grady Zellner, Lakeland, Fla.
No Drawing. Application July 29, 1936, Serial No. 93,311
3 Claims. (Cl. 99—103)

1. A process of enhancing the varietal color of whole citrus fruit which comprises washing the fruit, applying to the skin of the washed fruit a thin continuous film of an aqueous soap solution, applying to the fruit a quantity of dry powdered oil soluble, water insoluble dye which is dispersable by said soap solution.

2,133,065
COUPLER
Tobias Weber, Los Angeles, Calif.
Application March 28, 1936, Serial No. 71,461
4 Claims. (Cl. 280—33.15)

1. A coupling device, provided with a female socket member having a longitudinal tapering inner surface forming an inwardly tapering bearing seat substantially throughout its length, a pintle member having a coupling end rotatively seated in said socket member and provided with a companion tapering bearing surface substantially throughout the length of said socket member whereby a thrust bearing of maximum bear-



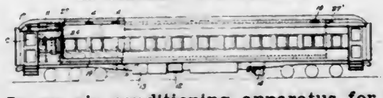
ing surface is provided, said pintle member also having an annular groove between the ends of its tapering bearing surface, and means for releasably and rotatively holding said members coupled together by engagement with said pintle member in said groove, said means comprising a cylindrical lock bolt slidable in said socket member having a curved key entering and journaled upon said pintle in said groove.

2,133,066
BUCKLE
Paul W. White, Chicago, Ill., assignor to Parva Products Company, Chicago, Ill., a corporation of Delaware
Application August 10, 1936, Serial No. 95,054
4 Claims. (Cl. 24—194)



4. A slide buckle comprising a pair of slidably engaged frames, one of said frames having side bars and cross bars connecting said side bars, ledges on said side bars extending inwardly toward each other to form opposed channels when viewed in cross section, one of said cross bars presenting an intermediate strap-engaging face inclined relative to the plane of said frame with portions of said cross bar adjacent thereto inclined at a greater angle, and the other of said frames comprising side bars engaging said opposed channels of the first mentioned frame to be guided in a longitudinal movement thereby, and cross bars connecting said side bars for forming a strap-receiving slot, one of said cross bars cooperating with the inclined face of said first mentioned frame to clamp a strap threaded therebetween and through said strap-receiving slot in adjusted positions with the free end extending beneath said first mentioned frame, and means formed integrally with one of the cross bars of the first mentioned frame for co-operation with means formed integrally on the other cross bar thereof to detachably receive a supporting member and to retain the free end of said strap against displacement.

2,133,067
AIR CONDITIONING APPARATUS FOR RAILWAY CARS
William B. Whitsitt, Baltimore, Md.
Application April 24, 1936, Serial No. 76,268
12 Claims. (Cl. 257—3)



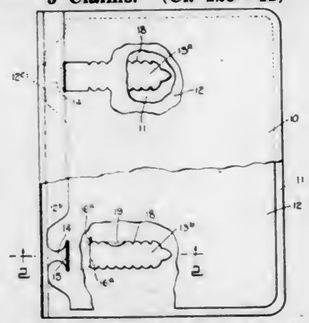
1. In an air conditioning apparatus for passenger vehicles, a duct extending longitudinally of the bottom portion of the passenger space of the vehicle for supplying heated air thereto, a duct extending longitudinally of the upper portion of the passenger space of the vehicle for supplying cool air thereto, fans for passing warm and cool air through the respective ducts, means governed by the degree of humidity of the air in the vehicle for humidifying the air heated in the heated air supplying duct, and temperature controlled means for automatically and alternately cutting in and cutting out the warm and cool air fans for maintaining a substantially uniform degree of temperature in the passenger space.

2,133,068
FASTENER FOR SHIRT COLLARS
Floyd A. Wiegman, Chicago, Ill.
Application March 20, 1935, Serial No. 12,036
4 Claims. (Cl. 24—81)



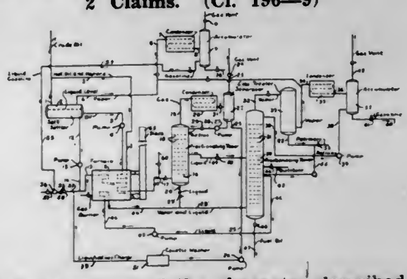
1. A fastener for securing the collar of a laundered shirt in closed position without buttoning the same comprising a thin resilient blank having two apertures therein and a slit extending outwardly from each aperture to the edge of the blank defining cooperating hook jaws unpliant in the plane of the blank but laterally flexible to permit passing of an end edge of the collar, having a welt, between the jaws into the aperture and to grip the collar frictionally behind the welt when the welt has passed into the aperture.

2,133,069
LOOSE LEAF BINDER
Marshall I. Williamson, Edgewater, N. J.
Application August 16, 1935, Serial No. 36,470
3 Claims. (Cl. 129—41)



3. In a binder for a stack of loose leaves, a cover element having at least one flexible leaf-engaging tongue extending therefrom, said tongue having serrated lateral edges; a slit adapted to receive said tongue after engagement with said stack of loose leaves, said slit having a length greater than the width of said tongue; and means for forcing one lateral edge of the tongue into locking engagement with one end of the said slit, said means being adapted to engage the other lateral edge of the tongue to maintain said tongue in locked status relative to the stack of loose leaves.

2,133,070
PROCESS FOR MANUFACTURING MOTOR FUELS
Malcolm P. Youker, Bartlesville, Okla., assignor to Phillips Petroleum Company, Bartlesville, Okla., a corporation of Delaware
Original application February 12, 1932, Serial No. 592,614. Divided and this application February 25, 1936, Serial No. 65,689
2 Claims. (Cl. 196—9)

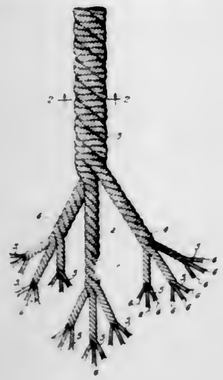


1. In a process of the character described, in producing thermally converted hydrocarbons in heated condition into the lower portion of a first rectification zone maintained under relatively high superatmospheric pressure, rectifying said hydrocarbons in said zone and thereby effecting a relatively sharp separation between normally gaseous hydrocarbons and normally liquid hydrocarbons, discharging said normally gaseous hydrocarbons from the upper portion of said zone and cooling and condensing some of the same, returning some of said condensate in liquefied condition into the upper portion of said rectification zone for refluxing said zone, dividing said normally liquid hydrocarbons into a plurality of streams and after releasing the pressure on the same introducing these streams at different elevations into a second rectification zone maintained under substantially atmospheric pressure, heating the lower portion of the second rectification zone by withdrawing a portion of the normally liquid hydrocarbons, heating the withdrawn portion and returning the same to the lower portion of the second rectification zone, rectifying the normally liquid hydrocarbons in the second rectifying zone and thereby separating hydrocarbons in the gasoline range from heavier hydrocarbons, discharging the hydrocarbons in the gasoline range from the upper portion of the second rectification zone and condensing the same, returning a portion of the resulting condensate into the upper portion of the second rectification zone as a reflux, and withdrawing hydrocarbons heavier than gasoline from the second rectification zone.

2,133,071
CORD AND ARTICLE MADE OF CORD
John Anderson, Sutton Coldfield, and Melon Langstreth, Rochdale, England, assignors to Dunlop Rubber Company Limited, London, England, a British Company
Application April 12, 1938, Serial No. 201,512
In Great Britain March 25, 1937
13 Claims. (Cl. 117—21)

1. A cord formed of single yarns of fibers

twisted in one direction, a plurality of said single yarns being combined and twisted in the same direction as the twist of said single yarns to form



strands, and a plurality of said strands being twisted together to form the cord, the direction of said final twist being the same as that of said single yarns and of said strands.

2,133,072

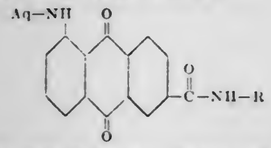
DYESTUFFS OF THE ANTHRIMIDE SERIES

Earl E. Beard, South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application April 22, 1937, Serial No. 138,375

3 Claims. (Cl. 260—368)

1. Compounds of the formula



wherein Aq stands for an anthraquinone group attached to the imino radical in the beta position and R stands for an aromatic radical of the class consisting of those of the benzene and the anthraquinone series.

2,133,073

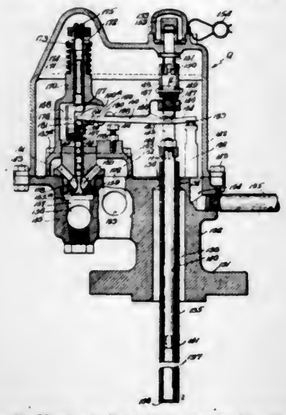
METHOD OF AND APPARATUS FOR CONTROLLING PRESSURE FLUID

Rudolf Beck and James Briscoe, Bridgeport, Conn., assignors, by mesne assignments, to Manning, Maxwell & Moore, Incorporated, New York, N. Y., a corporation of New Jersey

Application December 30, 1935, Serial No. 56,658

11 Claims. (Cl. 137—53)

4. In a control valve apparatus of the kind including a casing having therein a space for pressure fluid, a valve feather normally closing a duct of substantial capacity connecting said space with a chamber otherwise closed except for a relatively restricted passageway for fluid, and guide means constraining the valve feather to move axially in a rectilinear path, said valve feather being arranged to open against the pressure in said duct, in combination, valve actuating means within the casing comprising a resilient valve opening lever, a motor device, means actuable by said motor to move the lever thereby to unseat the valve feather to open said duct, said



means including a bearing ball freely movable longitudinally of the lever.

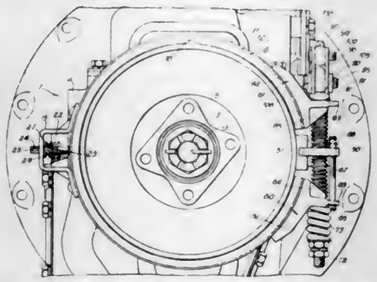
2,133,074

BRAKE CONSTRUCTION

Leo A. Bixby, Kalamazoo, Mich., assignor to Clark Equipment Company, Buchanan, Mich., a corporation of Michigan

Application November 30, 1936, Serial No. 113,378

24 Claims. (Cl. 188—77)



1. In a brake construction for the rear end of a transmission, a brake band, brake applying means associated with said brake band, brake anchoring means for said band, and means for optionally supporting said brake applying means or said brake anchoring means on either side of said transmission.

2,133,075

RECEIVING DEVICE

Frank Blythen, Hayes, and John Hardwick, West Drayton, England, assignors to Electric and Musical Industries Limited, Hayes, England, a company of Great Britain

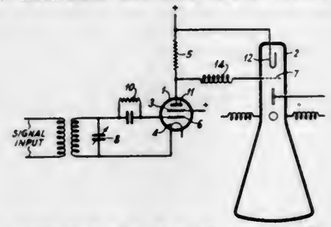
Application February 12, 1934, Serial No. 710,802

In Great Britain February 13, 1933

3 Claims. (Cl. 178—7.5)

2. The method of compensating for distortion in reproducing electro-optical images upon the viewing target of a cathode ray tube having normally non-linear light intensity modulating voltage characteristics which comprises the steps of amplifying and non-linearly detecting controlling signals to provide an output characteristic complementary to the non-linearity of the cathode ray tube and applying the amplified detector

signals to the control circuit of the cathode ray tube to modulate the electron beam developed



in the tube whereby a substantially linear response is obtained.

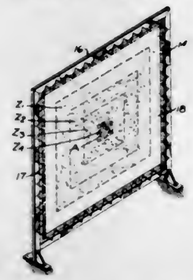
2,133,076

TRANSLUCENT PROJECTION SCREEN

Bernard M. Bodde, Hollywood, Calif.

Original application November 22, 1935, Serial No. 51,129. Divided and this application June 15, 1936, Serial No. 85,275

7 Claims. (Cl. 88—24)



1. A translucent picture projection screen comprising, a sheet of substantially transparent material free from a light diffusing ingredient in the body thereof, and a number of minute irregular light refracting particles protruding from the exterior of said sheet and providing a rough surface, the density of distribution of said particles gradually increasing toward the center of said sheet.

2,133,077

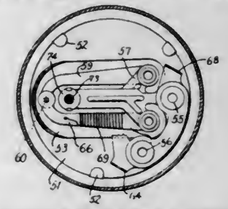
ELECTRICAL INDICATOR

Leonard Boddy, Ann Arbor, Mich., assignor to The Anderson Company, Gary, Ind., a corporation of Indiana

Application September 15, 1936, Serial No. 100,918

4 Claims. (Cl. 200—122)

1. An electric circuit controller comprising a support, an arm fixed to the support at one end and having a freely movable portion, a thermally responsive element supported at one end by the arm and bodily movable therewith, the thermally responsive element having an opposite end portion movable responsive to thermal change and adapted to form an electric contact, a second arm fixed to the support at one end and having a freely movable opposite end, a second thermally responsive element supported at one end by the second arm and bodily movable therewith, the opposite end of the second thermally responsive element being movable upon thermal change and being adapted to contact the first thermally responsive element to complete an electric circuit, both thermally responsive elements being substantially equally responsive to thermal change to compensate for ambient temperature variations, electrical heating means associated with one of said thermally responsive elements to effect separation of said elements upon energization of the heating means, means for adjusting the position of one of said arms to vary the operation of the thermally responsive elements, a terminal electrically connected to the thermally



responsive element having the heating means associated therewith, and a second terminal electrically connected with the heating means whereby a resistance unit may be detachably inserted between the terminals to vary the current passing through the heating means.

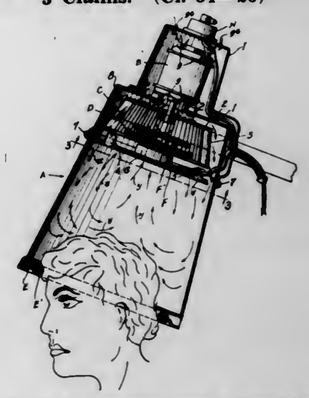
2,133,078

HAIR DRIER

Lionel A. Carter, Webster Groves, Mo.

Application January 7, 1935, Serial No. 596

3 Claims. (Cl. 34—26)



1. A hair drier, comprising a hood having an unobstructed interior devoid of a part that cooperates with the side wall of the hood to form an air circulating passageway, said hood having an opening in which the user's head is adapted to be positioned so as to cause the hair thereon to be arranged within the unobstructed interior of said hood, an air heating means in said hood, and an air circulating fan in said hood, said fan being of such construction and the side wall portion of said hood being of such shape and arrangement with relation to the fan, that the conjoint action of said fan and side wall causes air on the interior of said hood to swirl forwardly adjacent the inner face of said side wall, then flow inwardly and cascade onto the user's head before reaching the front end of said hood, and then flow rearwardly over the heating means and back to the intake of the fan.

2,133,079

INSERTER FOR DIAPHRAGMS

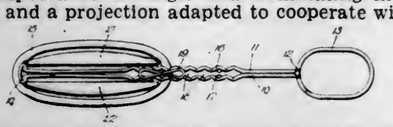
Percy L. Clark, Jr., Chicago, Ill.

Application January 13, 1938, Serial No. 184,747

4 Claims. (Cl. 128—127)

1. An inserter for diaphragms, comprising, in

combination, a body portion composed of two parallel closely adjacent parts having complementary notches therein, one end of the body being disposed at an angle and terminating in a hook, and a projection adapted to cooperate with



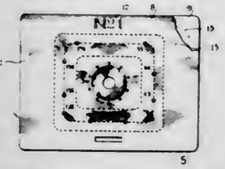
said hook to hold a diaphragm in laterally distended relation, said projection being insertable in and removable from any one of the notches in said body by springing apart the parallel parts of said body.

2,133,080
FLUID COMPOSITION
Ivor M. Colbeth, East Orange, N. J., assignor to The Baker Castor Oil Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application July 13, 1935, Serial No. 31,210
7 Claims. (Cl. 252—5)

1. A liquid composition for fluid pressure systems comprising acetylated castor oil, together with a liquid diluent having a low viscosity and that is an organic solvent of said ester and has a low freezing point, the acetylation being at a hydroxyl group of the acid radical not in the carboxyl group.

4. A liquid composition for fluid pressure systems comprising a substantially completely esterified ester of a substantially completely acetylated hydroxy fatty acid, said acid containing about 18 carbon atoms, together with a diluent that is an organic solvent of said ester and has a low viscosity and a low freezing point, the acetylation being at a hydroxyl group of the acid radical not in the carboxyl group.

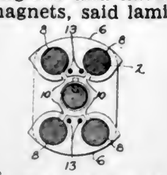
2,133,081
DECORATED ARTICLE AND PROCESS FOR MAKING SAME
Henry F. Colvin, South Orange, N. J., assignor to The Silicocks-Miller Company, South Orange, N. J., a corporation of New Jersey
Application May 10, 1937, Serial No. 141,642
17 Claims. (Cl. 41—19)



16. A decorated article comprising a plurality of sheets of plastic material permanently secured together, said sheets having an imprint surface and grooved surface in different planes, the imprint surface having different printed patterns thereon, and the grooved surface having different ornamental grooved patterns thereon, the grooved patterns and printed patterns being arranged in corresponding relation.

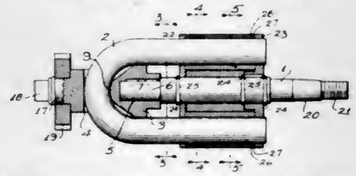
2,133,082
MAGNETO ROTOR
Henry G. Cox, Beloit, Wis.
Application September 26, 1934, Serial No. 745,594
3 Claims. (Cl. 171—209)

1. A magneto rotor comprising a plurality of permanent magnets arranged in substantially parallel spaced relation, means for supporting the magnets in spaced relation, a clamp embracing the peripheries of one end of the magnets and cohesively united therewith, a plurality of magnetic laminae bridging the like poles respectively of said magnets and having openings for receiving said magnets, said laminae having ap-



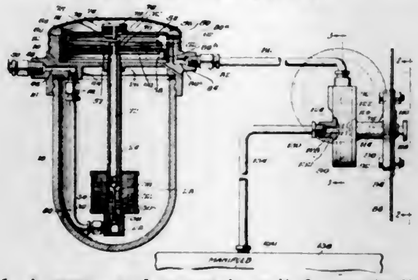
ertures therein, the apertures of certain of said laminae being staggered with respect to the apertures of other laminae, and dowel rods extending through said apertures for binding said laminae to said magnets.

2,133,083
MAGNETO ROTOR
Henry G. Cox, Hollywood, Fla.
Application September 21, 1936, Serial No. 101,794
16 Claims. (Cl. 171—252)



2. A magneto rotor comprising a plurality of U-shaped permanent magnets, a clamp embracing the closed ends of said magnets, a spacer connected to the open ends of said magnets, and a pair of axially alined journals on said clamp and spacer respectively.

2,133,084
LUBRICATING APPARATUS
Ernest W. Davis, Oak Park, Ill., assignor to Alemite Corporation, Chicago, Ill., a corporation of Delaware
Application October 9, 1929, Serial No. 398,322
22 Claims. (Cl. 184—29)



1. A pump and reservoir unit for centralized lubricating systems including a reservoir, a pump and conduit lines in connection therewith, a vacuum operated motor for operating said pump, manually operable starting means and means for automatically stopping said motor after a predetermined plurality of operations thereof.

2,133,085
TRANSITION OF SCENES ON A MOTION PICTURE FILM
William V. Draper, Palms, Calif.
Application July 11, 1936, Serial No. 90,132
5 Claims. (Cl. 88—16)

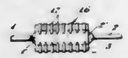
1. The method of making a transition between

two scenes on a motion picture film which comprises the following steps: fogging successive frames of a sensitized film by an amount which progressively varies from frame to frame, fogging in a complementary manner successive frames of a second sensitized film; light impressing the image of one of said scenes on the partly fogged frames of one of said sensitized films; light im-



pressing the other of said scenes on the partly fogged frames of the other of said sensitized films; developing both of said sensitized films thus fogged and light impressed, and printing on a third film the pairs of frames of said developed films having complementary fogging, with both frames of a pair on the same frame of said third film.

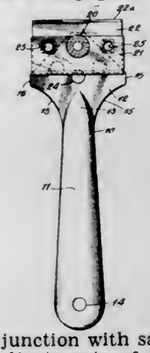
2,133,086
ELECTRICAL CONDENSER
William Dubilier, New Rochelle, N. Y., assignor to Cornell-Dubilier Corporation, a corporation of New York
Application July 10, 1935, Serial No. 30,689
5 Claims. (Cl. 175—41)



1. An electrical condenser comprising a pair of dielectric elements, a pair of wire members having flattened end portions, said end portions being placed between said dielectric elements in spaced relation, a metalic sheet member having a central portion and plurality of spaced projections extending at opposite sides, said main portion engaging the outer face of one of said dielectric elements and said projections being reversely bent to engage the outer face of the other dielectric element.

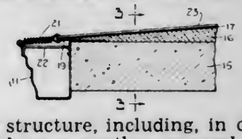
2,133,087
SCRAPER
Eric W. Ericsson, Brooklyn, N. Y.
Application March 9, 1937, Serial No. 129,794
3 Claims. (Cl. 30—339)

1. A tool of the class described comprising a handle portion, a blade supporting part at and integral with one end of the handle portion, said part having means for coupling a clamp screw therewith, a clamp plate movable toward and from the first named plate by said screw to clamp a blade between said plates, means on the clamp plate for keying the blade against relative movement thereon, said first named plate having apertures spaced circumferentially of said clamp screw for receiving said last named means in keying the clamp plate and blade against relative movement thereon in several positions of adjustment, and side edges of the first named plate being angularly arranged with respect to the longitudinal plane of the handle portion to engage said keying means



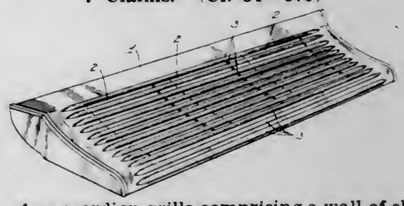
to provide in conjunction with said spaced apertures universal adjustments of the clamp plate and blade with respect to the axis of said clamp screw.

2,133,088
EXPANSION PROVIDING ROOF STRUCTURE
Herbert Alfred Faber, Cincinnati, Ohio
Application July 14, 1937, Serial No. 153,465
10 Claims. (Cl. 108—33)



1. A roof structure, including, in combination, a structural base, a weather-exposed unitary metallic sheet overlying said base and coextensive therewith, and resilient means arranged to urge the said sheet into contact with said structural base.

2,133,089
GRILLE STRUCTURE FOR ACCORDIONS
Stephens Franklin, Chicago, Ill.
Application May 16, 1938, Serial No. 208,174
7 Claims. (Cl. 84—376)

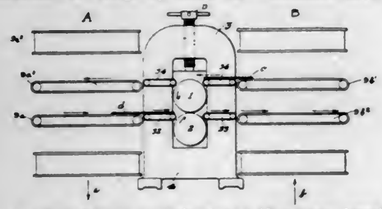


1. An accordion grille comprising a wall of sheet material having an opening, a plurality of metallic bars extending over the opening spaced from each other to form a plurality of smaller openings, and means securing said bars to the outer surface of the wall at points adjacent the margins of its opening.

2,133,090
STOCK FEEDING AND HANDLING APPARATUS FOR ROLLING MILLS
Jerome R. George, Marion, Mass.
Application October 21, 1936, Serial No. 106,840
9 Claims. (Cl. 80—47)

1. Apparatus for repeatedly passing pieces or packs of pieces through a sheet or strip mill,

comprising in combination with the mill rolls, a set of stock receiving and feeding tables on both sides of said rolls, mountings for each set which maintain the tables thereof substantially horizontal in their operative positions, means for imparting in unison to the tables of one set a succession of step-by-step movements that dis-



pose each table successively at the pass level and thereafter on the next step at a higher or stock-return level, and means for imparting in unison to the tables of the other set a succession of step-by-step movements that dispose each table successively at said higher or stock-return level and thereafter on the next step at said pass level.

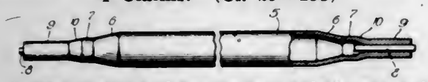
2,133,091

AXLE AND METHOD OF FORMING SAME

Joseph H. Gettig, Buchanan, Mich., assignor to Clark Equipment Company, Buchanan, Mich., a corporation of Michigan

Application October 7, 1936, Serial No. 104,428

4 Claims. (Cl. 29—153)



1. The method of forming an axle from a tubular blank which comprises initially reducing the opposite ends of the blank to form end portions of hollow cylindrical section and of increased wall thickness and having frusto-conical portions between said ends and the remainder of the blank, inserting solid mandrel-like members in the reduced ends of said blank, subsequently reswaging said frusto-conical section to form an intermediate cylindrical bearing seat spaced from said first reduced portion by a frusto-conical section with said first reduced portion being further reduced in such manner as to rigidly embrace and enclose said member to thereby close the end of the axle axially.

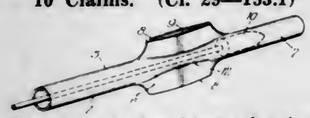
2,133,092

METHOD OF FORMING AN AXLE HOUSING

Joseph H. Gettig, Buchanan, Mich., assignor to Clark Equipment Company, Buchanan, Mich., a corporation of Michigan

Application October 7, 1936, Serial No. 104,429

10 Claims. (Cl. 29—153.1)



1. In the method of making a banjo type axle housing, the novel steps which comprise providing a tubular blank, flattening the central portion of the blank transversely to provide a central substantially planar double walled section having tubular arms projecting oppositely therefrom, and forcing the two walls of said section apart into oppositely facing channel shaped portions for completing a cylindrical banjo frame at the center of the blank having its axis normal to the axis of said arms.

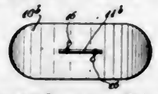
2,133,093

LIPSTICK GUARD

Charles Greenberger, New York, N. Y.

Substituted for abandoned application Serial No. 129,594, March 8, 1937. This application July 18, 1938, Serial No. 219,776

2 Claims. (Cl. 2—174)



1. A lipstick guard, comprising a flat flexible sheet element for extending over one's lips, a mouth member having a curved outer end, and means on the edge portion of said curved outer end which is adapted to engage said flat sheet and draw it against said curved outer end to curve said flat sheet so that it will conform with the contour of one's lips when said mouth member is inserted into one's mouth, said means, comprising fastening elements on the edge portion of said curved outer end which are adapted to engage complementary fastening elements on said flat flexible sheet element, said complementary fastening elements comprise bayonet openings in said flat sheet element and said fastening elements comprise headed studs which are adapted to engage said openings to fixedly hold said mouth member in position on said flat sheet element.

2,133,094

METHOD OF RECOVERING SODIUM NAPHTHENATES FROM PETROLEUM HYDROCARBONS

Waldersee B. Hendrey, Beacon, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

Application November 16, 1932, Serial No. 642,872

20 Claims. (Cl. 260—514)

3. A method of separating naphthenates from alkaline still bottoms produced by the distillation of viscous hydrocarbon oils in the pressure of alkali which comprises forming a mixture of the still bottoms with a light hydrocarbon oil, passing said mixture while hot countercurrent and in intimate contact with water, thereby extracting the naphthenates from the oils by the water and maintaining on the system a substantial superatmospheric pressure.

13. The process of preparing purified naphthenic acids which comprises extracting a crude aqueous alkaline naphthenate solution with a volatile petroleum distillate.

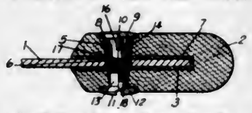
2,133,095

TOOL HANDLE ATTACHING AND SHOCK-ABSORBING MEANS

Edward M. Holfelner, Columbus, Ohio, assignor to The Ohlen-Bishop Company, Columbus, Ohio, a corporation of Ohio

Application July 2, 1936, Serial No. 88,575

4 Claims. (Cl. 145—108)



3. In a tool of the type described, a blade member, a handle member, means for securing the blade member to the handle member, said means comprising screws which extend through aligning openings in said handle member and blade member, each of said screws embodying a screw portion and a nut portion, said screw portion em-

bodying a head and a shank which is threaded adjacent its inner end, said nut portion comprising a head and a tubular extension which is internally threaded and is adapted to be screwed onto the threaded shank of the screw portion, a member formed of non-metallic inherently resilient material disposed in surrounding relation to the main portion of the screw and adapted to extend through the opening in the blade, said resilient member extending inwardly past the point on the screw portion where the threads terminate, said resilient member being of such length that the inner end of the nut portion of the screw will contact with the inner end thereof before the screw is completely tightened.

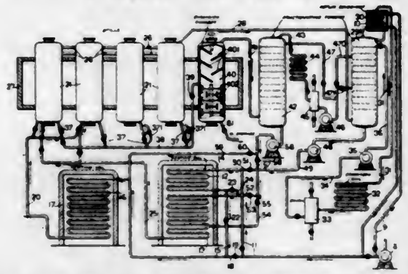
2,133,096

PROCESS FOR CRACKING OILS

Will K. Holmes, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

Application July 25, 1928, Serial No. 295,304

3 Claims. (Cl. 196—49)



1. In a process for the conversion of higher boiling hydrocarbon oils into lower boiling ones, the process that comprises passing fresh charging stock through a tubular heater and raising the oil to a cracking temperature therein, passing the oil thus heated into a cracking still wherein the oil is subjected to cracking and vaporization under superatmospheric pressure, subjecting evolved vapors to fractionation to condense and thereby separate heavier fractions therefrom, withdrawing residue from the cracking still and reducing the pressure thereon to effect vaporization, subjecting evolved vapors to fractionation to form a condensate, passing a portion of said condensate through said tubular heater and directing the heavier fraction and another portion of the condensate through a separate tubular heater, and thereafter passing the condensates from said heater to said cracking still.

2,133,097

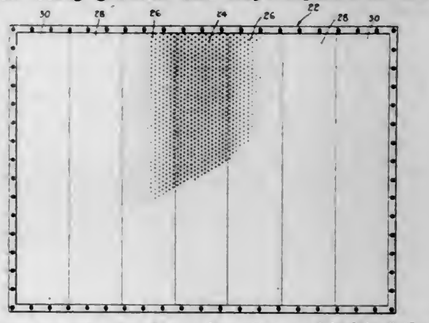
MOTION PICTURE SCREEN

Albert B. Hurley, Huntington, N. Y.

Application April 17, 1937, Serial No. 137,421

11 Claims. (Cl. 88—24)

1. A motion picture projector screen and speaker system, comprising a surface made of light-reflecting material, for use with a projector so illuminating the same that one part is more intensely lighted than another part, the intensely lighted portion of said screen being perforated with a maximum percentage area of perforations in order to efficiently transmit sound therethrough, the percentage area of the perforations being reduced progressively from the said part toward the less intensely lighted part of the screen, the least intensely lighted part of the screen being imperforate, the change in perforation from one part toward the other part of the screen being gradual and imperceptible to the



audience, and a loud speaker disposed behind the region of maximum percentage perforation area.

2,133,098

ADHESIVE

Carl Iddings, Staten Island, N. Y., assignor to The Muralo Company, Inc., a corporation of New York

No Drawing. Application August 30, 1935, Serial No. 38,665

5 Claims. (Cl. 134—23.9)

1. A substantially neutral adhesive paste, especially useful on tin surfaces, comprising a casein solution and sodium borophosphate.

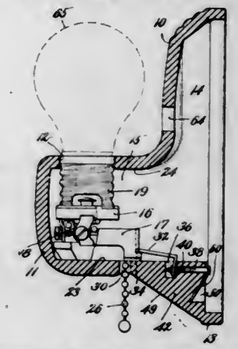
2,133,099

ELECTRIC FIXTURE

Arthur A. Johnson, New Bedford, Mass., assignor to John I. Paulding, Inc., New Bedford, Mass., a corporation of Massachusetts

Application November 6, 1935, Serial No. 48,509

9 Claims. (Cl. 240—73)



1. A device of the character described comprising a hollow shell of insulating material having a base portion adapted to engage a wall or other supporting surface and a lamp socket holding portion provided with a lateral opening, said shell having a small interior recess and a bore entering said recess from the inner face of said shell, a lamp socket, including an insulating body, switch and lamp receiving screw shell, fitted sidewise in and seated on the floor of said portion with its screw shell in register with said opening, said insulating body being provided with a shoulder, a clamp having one end seated in said interior recess and its other end engaging said shoulder on said insulating body and a screw mounted in said bore and threaded through the

seated end of said clamp in said recess for holding said lamp socket in fixed position in said shell.

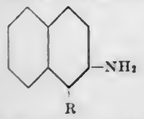
2,133,100

PRODUCING AZANTHRACENE DERIVATIVES

Karl Koeberle and Ernst Ploetz, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application July 24, 1934, Serial No. 736,778. In Germany August 5, 1933
6 Claims. (Cl. 260—269)

1. A process of producing azanthracene derivatives which comprises heating 2-naphthylamines corresponding to the general formula



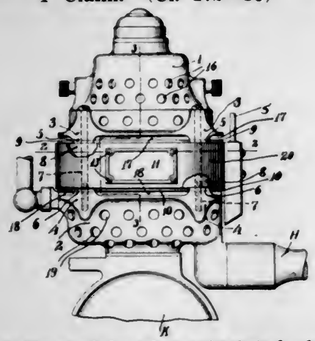
in which R is a substituent of the class consisting of alkyl radicals and aryl radicals containing up to two rings attached to the naphthalene nucleus by means of a C—C-linkage with a compound of the group consisting of glycerine and its chlorinated derivatives in the presence of sulfuric acid and mild oxidizing agents.

2,133,101

CLOTH-CUTTING MACHINE

Albert Komow, New York, N. Y., assignor to U. S. Cloth Cutting Machine Co. Inc., New York, N. Y., a corporation of New York

Application February 28, 1936, Serial No. 66,205
1 Claim. (Cl. 172—36)



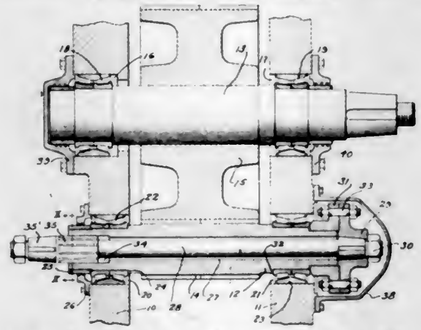
A portable and hand-manipulated cloth-cutting machine comprising a casing, an electric motor located within said casing, said casing comprising an upper casing member and a lower casing member and an intermediate casing member, said electric motor being located adjacent said intermediate casing member, said upper casing member and said lower casing member having ventilating openings, said intermediate casing member having a plurality of vertical recesses at the top face and at the bottom face of said intermediate casing member, said upper casing member and said lower casing member having projections which are located in said recesses, fastening members which connect said upper casing member and said lower casing member to said intermediate casing member, said fastening members passing through said projections of the upper casing member and of the lower casing member, a member made of insulating material and connected to a vertical face of said intermediate casing member, the upper casing member and the lower casing member being provided with recesses which are located between said projections and which are directly adjacent said intermediate casing member, so that additional ventilating openings are provided between said intermediate casing member and said upper casing member and said lower casing member, said intermediate casing member having an external heat-insulating member connected thereto, the lower casing member having a handle connected thereto.

2,133,102

DRIVE CONNECTION

Austin Kuhns, Buffalo, N. Y., assignor to Farrel-Birmingham Company, Incorporated, Buffalo, N. Y., a corporation of Connecticut

Application June 26, 1937, Serial No. 150,460
4 Claims. (Cl. 74—413)



1. In a driving connection of the class described, a driving shaft having an axial bore therethrough, means journalling said shaft, a transmission shaft extending through the bore of the drive shaft and journalled therein, said transmission shaft at its inner end being rigidly connected with the driving shaft, the outer end of said shaft extending beyond said driving shaft and being adapted for connection with a driving source, the outer end of said shaft within said driving shaft bore having spline connection with said driving shaft and with clearance space provided in the spline connection for permitting limited torsional movement of said transmission shaft independently of said driving shaft for resiliently transmitting the torque from the driving source to said driving shaft, the clearance space at the spline connection being such that the transmission shaft will have direct driving connection with said driving shaft under extreme torque application to the transmission shaft by the driving source.

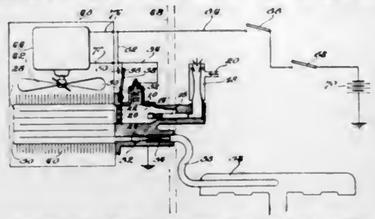
2,133,103

AUTOMOBILE HEATER

Arden W. Le Fevre, Chicago, Ill., assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia

Application February 1, 1936, Serial No. 61,934
5 Claims. (Cl. 126—110)

1. In a heater for automobiles, the combination of a combustion chamber, means to conduct a combustible fuel to said chamber, an electrically operated igniter in said chamber, a heat radiator receiving the products of combustion from said chamber, a fan for propelling air past said radiator, a motor for driving said fan, a thermostatic switch responsive to changes in temperature of said chamber and arranged to close when the temperature in said chamber falls below the temperature necessary to support combustion therein, a source of electric energy, means



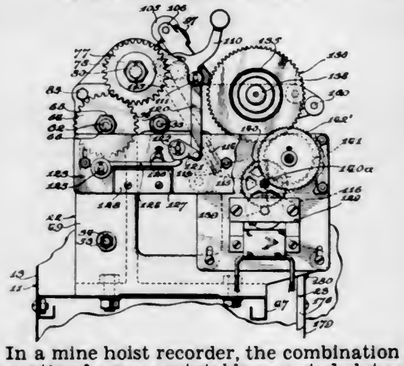
for connecting said source in series with said thermostatic switch and with said igniter, and a circuit bridging said switch for supplying current to said motor.

2,133,104

HOIST RECORDER

Henry H. Logan, Chicago, Ill.

Application May 25, 1936, Serial No. 81,667
3 Claims. (Cl. 234—1.5)



1. In a mine hoist recorder, the combination of a supporting frame, a rotatably mounted platen in said frame, a chart on said platen, a hoist driven screw shaft rotatably mounted in the frame, a marking device having a pivoted marking point on said screw shaft adapted to move longitudinally thereof when the shaft is rotated to mark on the chart, a lug on said pivoted marking point, movable chart holding means adapted to be moved into engagement with the chart on the platen, cam means rotatably mounted in said frame, cam operating means adapted to rotate said cam means against said lug on said marking point to pivot the marking point upward from the chart and releasing means connected to said cam operating means adapted to move said chart holding means for disengagement of the same with the chart simultaneously with the upward pivotal movement of the marking point.

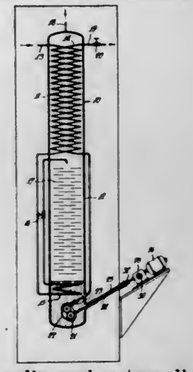
2,133,105

APPARATUS FOR SEPARATING OXYGEN FROM AIR AND DELIVERING THE OXYGEN UNDER PRESSURE

Adolf Messer, Frankfort-on-the-Main, Germany

Application October 17, 1936, Serial No. 106,166
In Germany September 4, 1936
4 Claims. (Cl. 62—122)

2. An apparatus for separating oxygen from air, which includes a rectification column in the bottom of which the liquid oxygen separates and collects, a liquid oxygen evaporating coil, a pump in the bottom of said column for forcing the separated liquid oxygen through said evaporating coil, and a main drive shaft for driving said pump



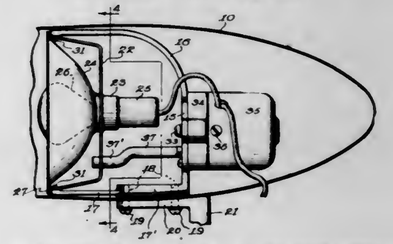
and slanting upwardly and outwardly from the latter.

2,133,106

OSCILLATING LAMP

Charles S. Monroe, Chicago, Ill.

Application August 19, 1937, Serial No. 159,926
5 Claims. (Cl. 240—48)



4. In an oscillating lamp of the type described, the combination of a frame structure including a pair of diametrically spaced arms extending forwardly from the rear of said frame, a bowl-shaped reflector having a hollow stem, a yoke having its transverse limb mounted on said stem and its arms secured at their free ends to the peripheral portion of said reflector and pivoted to and between the spaced arms of said frame structure, the transverse limb of said yoke having a slot extending substantially radially of said reflector, a lamp socket mounted in said stem, a lamp bulb mounted in said socket, an electric motor mounted on the rear end of said frame, and a motor driven shaft extending between said frame arms and terminating in a crank extending through said slot.

2,133,107

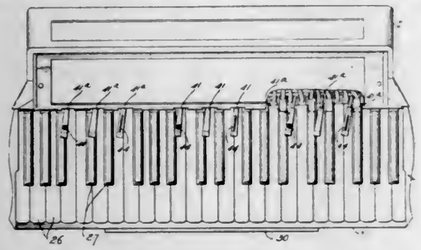
SELECTIVE SHIFT FOR ACCORDIONS

Vaughn E. Morrison, St. Charles, Ill., assignor to The Rudolph Wurlitzer Company, De Kalb, Ill., a corporation of Ohio

Application June 29, 1936, Serial No. 87,843
28 Claims. (Cl. 84—376)

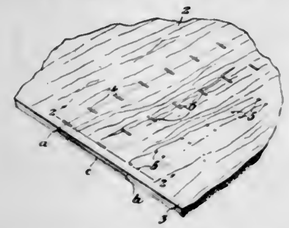
1. In an accordion a plurality of groups of reeds, a common valve member for each group movable in one direction to open position and in reverse direction to closed position, a plurality of control members each connected to one of said common valves, a plurality of manually operable shifters each including two actuator parts movable simultaneously in opposite directions, one of said parts being engageable with

one or more of the control members for causing movement thereof in one direction while the other actuator part is engageable with the re-



maining control member or members for causing movement thereof simultaneously in the opposite direction when the corresponding shifter is operated.

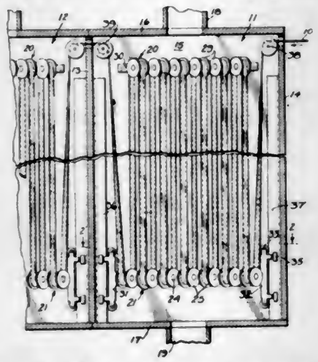
2,133,108
PLYWOOD PANEL
Robert A. Muller, Wellesley, Mass., assignor to Atlas Plywood Corporation, Boston, Mass., a corporation of Massachusetts
Application January 26, 1938, Serial No. 186,985
3 Claims. (Cl. 20—91)



3. An article of the character described, comprising two plywood sheets, each provided with a marginal strip of substantially uniform thickness overlapped upon a similar margin of the other sheet, both of said margins being of reduced thickness compared with that of the adjacent portions of the sheet, and the extreme edge of each of said reduced strips being abutted against a shoulder on the other sheet formed at the junction of said reduced strip with the body of the sheet, rows of staples straddling the respective joints between each of said shoulders and the adjacent edge of the other sheet, said staples being clinched upon the faces of said sheets opposite to said joints, and a coating of adhesive between the marginal strips.

2,133,109
MOTION PICTURE FILM GUIDING APPARATUS
Arthur W. Munson, Hollywood, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y., a corporation of Delaware
Application July 28, 1936, Serial No. 93,042
5 Claims. (Cl. 271—2.3)

1. A film guiding apparatus comprising a film compartment, a pair of substantially parallel spool heads in said compartment, a set of parallel stub shafts carried by each of said heads, said shafts having their axes angularly disposed at substantially 45° to the lengths of said heads, the axes of the shafts on one of said heads being angularly disposed at substantially 90° to the axes of the shafts on the other of said heads, and film spools rotatably mounted on said shafts, the centers of the peripheries of the spools on one set of shafts being aligned with the centers of the peripheries of the corresponding spools on the



other set of shafts to guide an elongate film in a sinuous path over said spools from one of said sets to the other without a transverse thrust while passing over said spools.

2,133,110
MANUFACTURE OF PHOTOGRAPHIC FILM
Gale F. Nadeau, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application December 10, 1937, Serial No. 179,174
20 Claims. (Cl. 95—9)

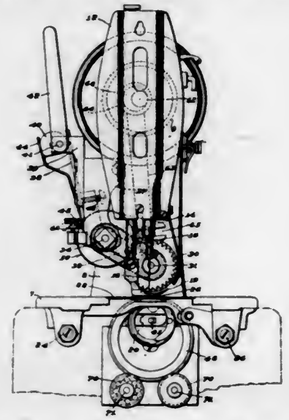


1. A highly flexible photographic film of satisfactory emulsion adherence, comprising a cellulose organic derivative support, a thin synthetic resin sub adhesively joined to the support, a gel sub adhesively joined to the resin sub, and a photographically sensitive colloid layer adhesively joined to the gel-subbed surface of the support, said resin sub providing a means whereby the flexibility characteristics of the film as a whole are rendered independent of the degree of adhesion existing between the photographically sensitive layer and the subbed support and whereby a rupture occurring in the photographic layer of the film under flexure is prevented from penetrating the support.

2,133,111
PINKING DEVICE
Floyd H. Ogden, Watertown, Mass., assignor, by mesne assignments, to Willcox & Gibbs Sewing Machine Company, a corporation of New York
Application September 18, 1934, Serial No. 744,542
15 Claims. (Cl. 112—124)

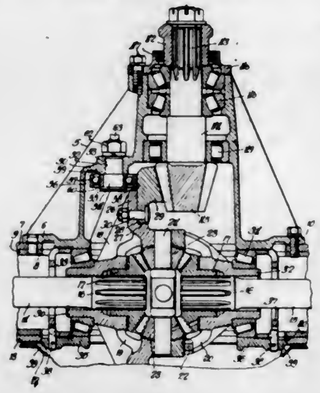
1. A sewing machine having stitch forming and feed mechanisms and operating means therefor, a sewing machine bed, a head overhanging said bed, a bracket secured to the head having a horizontal stud extending rearward over the sewing machine bed, a rocker frame on said stud, a rotary pinking cutter at the lower end of said rocker frame, a pinking cutter bed adjacent the stitch forming mechanism, means acting through said rocker frame for yieldingly holding the cutter to its bed, a driving train carried by

the rocker frame for rotating said cutter, means on said stud for actuating said driving train,



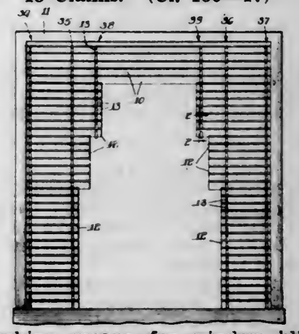
and means for operating said actuator under control of the sewing machine.

2,133,112
DIFFERENTIAL
Donald D. Ormsby, Niles, Mich., assignor to Clark Equipment Company, Buchanan, Mich., a corporation of Michigan
Application September 18, 1936, Serial No. 101,421
1 Claim. (Cl. 74—311)



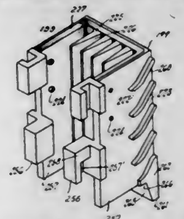
In combination, a differential carrier, a differential assembly rotatably supported by said carrier including a ring gear, a pinion shaft journalled in said carrier for driving said ring gear, a stud projecting through a boss on said carrier having its axis parallel to the axis of said pinion shaft and having a squared end externally of said carrier, said stud having a portion of the shank formed as an eccentric, ball bearing means carried by said portion including an inner race clamped between the head of said stud and said boss and having its outer race engaging the back face of said ring gear, and nut means threading over the projecting portion of said stud beneath said end preventing relative axial movement of said bearing assembly with respect to said boss, said bearing means being adjustable toward and away from said ring gear upon rotation of said stud relative to said nut means.

2,133,113
WINDOW BLIND
Raymond C. Pratt, Chicago, Ill., assignor to H. B. Dodge and Company, Chicago, Ill., a corporation of Illinois
Application May 21, 1936, Serial No. 81,000
18 Claims. (Cl. 156—17)



1. Attaching means for window blind slats comprising a channel member fixedly secured with respect to the window, and clips seated removably in said channel and removably supporting the slats.

2,133,114
STOKER GRATE BLOCK
Herbert E. Preston, Philadelphia, Pa., assignor to American Engineering Company, Philadelphia, Pa., a corporation of Pennsylvania
Original application March 22, 1928, Serial No. 263,900. Patent No. 2,081,067, dated May 18, 1937. Divided and this application February 12, 1936, Serial No. 63,544
12 Claims. (Cl. 110—44)

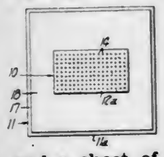


8. A grate block for a lower grate structure of a stoker furnace, comprising a substantially vertical rear wall, and a pair of laterally spaced, substantially vertical side walls, a plurality of cooling fins extending forwardly from the front surface of said rear wall, ribs extending laterally from the outer surface of each of said side walls defining passages for draft air, and locking lugs provided on each of said side walls for detachably securing said grate block in position.

2,133,115
CHEMICAL HEATING PAD FOR PERMANENT HAIR WAVING
Frederick L. Reynolds, Mill Valley, and Leon Markel, San Francisco, Calif., assignors, by mesne assignments, to United States Appliance Corporation, San Francisco, Calif., a corporation of California
Application May 7, 1938, Serial No. 206,604
4 Claims. (Cl. 132—36.2)

1. In a chemical heating pad for permanent hair waving, an assembly consisting of at least one sheet of aluminum foil and at least one sheet of asbestos paper extending in juxtaposition with one side of the aluminum foil, the sheet of asbestos being adapted to be saturated with chem-

ical solution for exothermic reaction with the aluminum foil, a protective wrapper folded about



said assembly, and a sheet of absorbent paper interposed between the wrapper and the assembly and likewise folded about the assembly.

2,133,116

PROCESS OF VULCANIZING RUBBER

Walther Schrauth, Berlin-Dahlem, Germany, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany, a corporation of Germany

No Drawing. Application November 30, 1934, Serial No. 755,419. In Germany January 8, 1929

3 Claims. (Cl. 18—53)

1. In the process of vulcanizing rubber and rubber compounds the improvement which consists in adding to the mass to be vulcanized methyl-cyclo-hexyl ester of the mixture of the acids obtained from cocoanut oil.

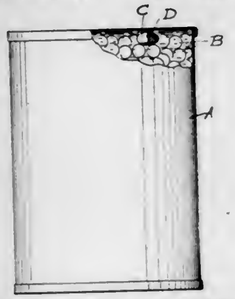
2,133,117

METHOD OF CANNING PEAS

Walter L. Schroder, Hortonville, Wis.

Application July 13, 1936, Serial No. 90,270

2 Claims. (Cl. 99—186)



1. The step in the method of canning peas and the like which consists in adding a neutralizing agent contained in a coating impervious to the contents of the can but sensitive to the cooking temperature so that when the can is sealed and cooked the neutralizing agent becomes liberated to neutralize the inherent acidity.

2,133,118

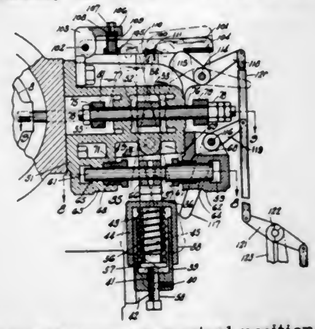
FLUID CONTROL MECHANISM

Carl F. Sibbe, Philadelphia, Pa., assignor to American Engineering Company, Philadelphia, Pa., a corporation of Pennsylvania

Application September 27, 1935, Serial No. 42,495

11 Claims. (Cl. 103—38)

2. In a fluid system, the combination with a reversible discharge pump, of a stroke adjusting element for said pump, means responsive to the pressure changes in said system for controlling the operation of said pump, said means including a spring loaded toggle operatively associated with said stroke controlling element, latch means for retaining said toggle in neutral position, means mounted on said latch for rendering the latter ineffective when the toggle moves in one direction, said last mentioned means being ineffective when the toggle swings in the reverse direction whereby the latter is held against move-



ment when it assumes a neutral position, means for releasing said latch, and means for urging said toggle in the said reverse direction upon release of said latch.

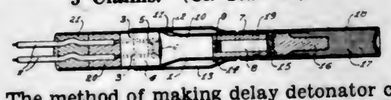
2,133,119

DELAY DETONATOR

John B. Smith, Frederick R. Seavey, and Carl A. Taylor, Alton, Ill., assignors to Western Cartridge Company, East Alton, Ill., a corporation of Delaware

Application April 5, 1935, Serial No. 14,742

5 Claims. (Cl. 102—10)



1. The method of making delay detonator connections comprising, forming kinks in a pair of lead wires, embedding the kinks in a plug of hard material with the ends of the wires extending therebeyond, then connecting a resistance filament to the ends of the wires, and surrounding the connections with hard material bonded to the plug.

2,133,120

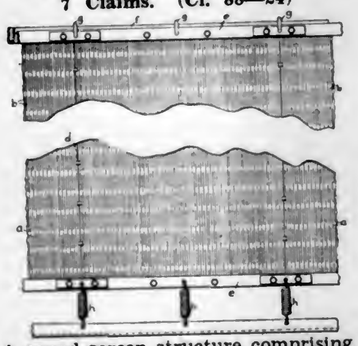
PROJECTION SCREEN

John Leslie Stableford, London, England

Application January 4, 1937, Serial No. 118,990

In Great Britain January 9, 1936

7 Claims. (Cl. 88—24)



1. A sound screen structure comprising a plurality of vertically extending thin sheet metal sheets joined at their edges to form a continuous screen surface, means for supporting the plurality of sheet metal sheets at the top and bottom edges, a plurality of spaced vertically extending rows of long, narrow slots being provided in said sheet

metal sheets, the length of said slots being long relative to the width thereof and running in a direction parallel to the length of said sheets, said slots defining between them closely spaced bars each connected to the next bar by spaced connecting strips extending transversely of said bars, the strips integrally connecting the ends of successive pairs of bars staggered in relation to the connecting strips of adjacent bars to form a series of parallel rows across the screen whereby the bars running continuously from the bottom to the top of the metal sheet are joined to an adjacent bar by strips at uniform distance apart alternately on the two sides thereof to form a non-resonating screen network, and a reflecting surface on said network.

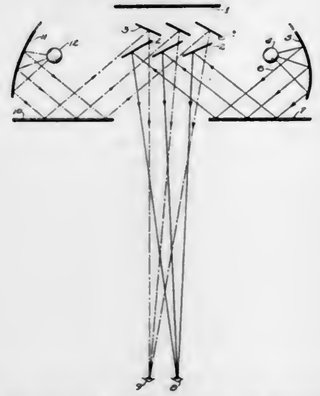
2,133,121

STEREOSCOPIC SCREEN AND METHOD OF STEREOSCOPIC VISION

Richard I. Stearns, II, Chicago, Ill.

Application April 2, 1936, Serial No. 72,363

2 Claims. (Cl. 88—29)



1. The method of obtaining stereoscopic effects which consists in flooding overlapping red left-eye and blue right-eye stereoscopic pictures with white light and directing light from both pictures to both the left and right eye positions for the eyes of an observer, directing red light solely to the right eye of the observer of the picture to dominate the red image rays of the red picture for that eye and not the blue image rays of the blue picture, and simultaneously directing blue light solely to the left eye of the observer to dominate the blue image rays of the blue picture for that eye and not the red image rays of the red picture.

2,133,122

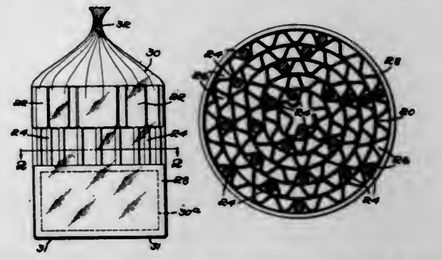
PACKAGE FOR PLURALITY OF ARTICLES

William F. Swain, Rockville Centre, N. Y., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H., a corporation of Massachusetts

Application July 9, 1937, Serial No. 152,777

3 Claims. (Cl. 99—180)

1. A package of confectionery of the holder-stick type, comprising, in combination, an elongated preformed strip of corrugated paperboard having the corrugation channels extending transversely, a plurality of structurally separate holder-stick confection elements having their holder-sticks inserted respectively in channels of said corrugated strip, and a wrapper of transparent cellulose sheet material enclosing said strip and the confection elements carried by it, the corrugated holding strip being of substantially less width than the length of the sticks and the confection heads being remote from the strip and held by it in correspondingly spaced



relation to the adjacent edge portion of the strip, the latter and the confection heads forming and defining opposite portions of the package and providing a supporting frame for the wrapper, said wrapper being normally spaced from the intermediate underlying portions of the sticks to facilitate manipulation and opening of the package.

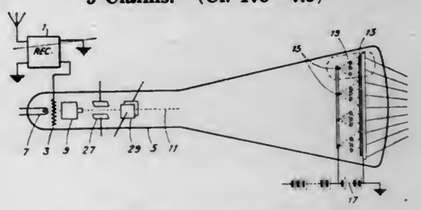
2,133,123

TELEVISION APPARATUS

Kalman Tihanyi, Budapest, Hungary, assignor to Radio Corporation of America, a corporation of Delaware

Original application June 10, 1929, Serial No. 369,598. Divided and this application March 8, 1935, Serial No. 9,959. In Germany June 11, 1928

5 Claims. (Cl. 178—7.5)



1. In a television apparatus, a cathode ray tube having means at one end thereof to develop an electron beam, an image carrier at the other end of the tube, said image carrier comprising a network of electrically conducting strands having insulating material surrounding each, a plurality of separated light sensitive areas supported upon the insulators, a fluorescent screen and a source of electrons each positioned adjacent said image carrier, and on opposite sides thereof.

2,133,124

SAFETY DEVICE FOR GAS SYSTEMS

Maximilian Albrecht Tornow, Berlin-Dahlem, Germany

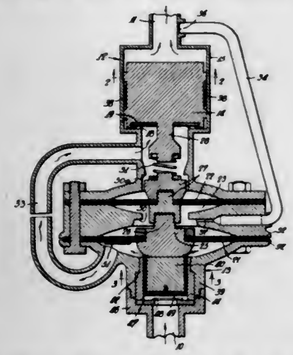
Application November 7, 1936, Serial No. 109,714

In Germany December 20, 1935

17 Claims. (Cl. 48—192)

1. A safety device for preventing oxygen from backing up into a combustible gas piping system including a valve loaded for closing action, a pair of superposed spaced diaphragms of different pressure areas operable in unison for controlling the operation of said valve, a pipe inter-

connecting the two spaces on the outer sides of said diaphragms, and a pipe connecting the space



between said diaphragms and the outlet side of said valve.

2,133,125

AGENT FOR SIZING TEXTILE FIBERS AND A PROCESS OF APPLYING IT

Arthur Voss and Ewald Dickhäuser, Frankfort-on-the-Main-Hochst, Werner Starck, Hofheim in Taunus, and Kurt Jochum, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application June 18, 1931, Serial No. 545,364. In Germany June 19, 1930

16 Claims. (Cl. 134—21)

8. A textile sizing composition comprising a water-soluble derivative of polyvinyl alcohol, said derivative containing hydroxyl groups.

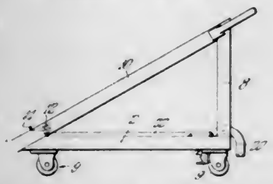
2,133,126

TRUCK

Albert Walton, Jr., Springfield, Mass., assignor to Old Colony Envelope Company, Westfield, Mass., a corporation of Massachusetts

Application December 1, 1937, Serial No. 177,595

1 Claim. (Cl. 280—49)



A truck of the class described comprising in combination, a frame having a forward object-supporting face inclining downwardly and forwardly, a shaft oscillatable in the lower forward side of the frame, a retaining member fixed to said oscillatable shaft adapted in one position of the shaft to extend beyond the face of said support to support an object thereon and in another position of the shaft to allow an object to slide downwardly on the said face, a treadle pivoted to the rear lower side of said frame having a rear portion engageable by the foot and a forward portion, a downwardly depending lever secured to the shaft, a horizontally extending link having its forward end pivotally connected to said lever and its rear end pivotally connected to the forward portion of the treadle, the pivotal connection between said link and said treadle being disposed below the plane of a line passing through the pivotal connection between the link and lever and the pivotal connection between the treadle and the frame.

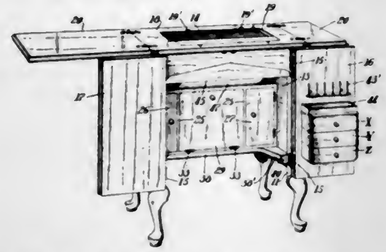
2,133,127

SEWING MACHINE CABINET

Max L. Waterman, Fairfield, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey

Application December 16, 1936, Serial No. 116,077

2 Claims. (Cl. 312—146)



1. The combination with a cabinet for sewing machines comprising a table top and front and back supporting leg members therefor with back and side walls connecting said leg members and forming an enclosure, a pair of doors hinged to said front leg members and constituting the openable front wall of the enclosure, the upper part of the cavity in the enclosure serving to receive a drop-head sewing machine when not in use and the lower part of such cavity serving to receive the legs of an operator seated in front of the cabinet, of an accessory-receiving sub-cabinet having a plurality of compartments and mounted within the main cabinet below the sewing machine receiving portion and behind the leg-receiving portion of the cabinet, said sub-cabinet being complete within itself and attached to the cabinet as a unit, and a brace-plate connecting said side walls and located below and in contact with said sub-cabinet, said brace-plate being recessed between its ends to receive the legs of the operator.

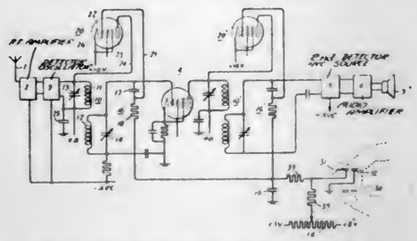
2,133,128

SELECTIVITY CONTROL

James E. Beggs, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application December 2, 1936, Serial No. 113,866

3 Claims. (Cl. 250—20)



1. Radio receiving apparatus provided with a hand operated tuning knob, said knob having normally insulated conducting portions arranged to be touched simultaneously by the hand of the operator when changing the tuning of the apparatus and means responsive to the simultaneous touching of said portions by the hand of the operator for increasing the selectivity of the apparatus.

2,133,129

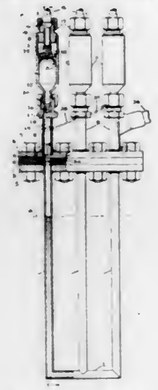
PRESSURE ACTUATED SIGNALING DEVICE

John Ellwood Brigg and James Nelson Gibson, London, England, assignors to Callender's Cable and Construction Company, Limited, a corporation of England

Application August 21, 1936, Serial No. 97,290

In Great Britain September 7, 1935

12 Claims. (Cl. 200—141)



1. In combination, a U-tube having three legs united by a common connector at their lower ends and each containing a body of conducting liquid, conduits containing fluid under pressure independently connecting each of the upper ends of the legs to a source of fluid pressure, a valve in each leg of the tube above the liquid therein which is closed by the liquid when it rises above a determined level to prevent the discharge of liquid into the conduits, and contacts connected to circuit wires which are closed by the liquid as it rises a determined amount in any one of the legs of the U-tube.

2,133,130

SUPRA-PUBIC DRAIN APPLIANCE

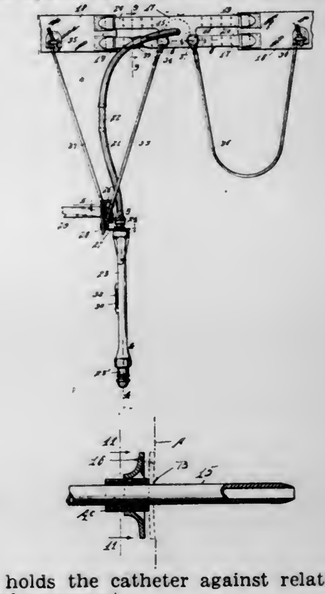
Ferdinand Buchstein, Minneapolis, Minn.

Application December 11, 1936, Serial No. 115,273

11 Claims. (Cl. 128—349)

1. In an appliance of the class described, a belt applicable around the body of the wearer, a catheter having a member engageable with the body surface of the wearer to limit the depth the catheter may be passed through a supra-pubic urinal fistula in the body, a receptacle having a pulley, a cord arranged to run over the pulley and attached to the belt for holding the receptacle suspended from the belt.

11. In an appliance of the class described, a relatively soft rubber catheter, a washer having substantially no radial stretch and applied to the catheter for longitudinal adjustment thereon, the caliber of the hole in the washer being slightly less than the external diameter of the catheter, whereby said washer will circumferentially contract the catheter and be frictionally held thereby against longitudinal movement thereon, and a belt having an aperture through which the catheter, outwardly of the washer, loosely extends, whereby the belt will hold the washer pressed against a body and the held washer, in



turn, holds the catheter against relative longitudinal movement.

2,133,131

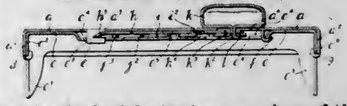
FASTENING FOR SUITCASES AND THE LIKE

Charles William Cheney, Soho, Birmingham, England

Application January 5, 1937, Serial No. 119,071

In Great Britain February 1, 1936

2 Claims. (Cl. 70—74)



1. In a keylocked fastening member of the kind described, the combination of a casing comprising a front plate and a back plate, the latter having a depressed area and carrying a pivot peg; means for rigidly connecting said front and back plates to one another, a bolt of dished form slidably disposed within said depressed area of the back plate and being provided with a locking and releasing slot; a tumbler rotatably mounted on said pivot peg within the depression of said bolt, said tumbler having a stump to co-operate with the locking and releasing slot of said bolt, and means to be engaged by the bit of a key; a key peg to support a key in engaging position relative to the tumbler; spring means in the casing to act upon said bolt and said tumbler, said spring means being disposed within the depression of the bolt; and a knob on the outer face of the front plate of the casing and connected with said bolt through an opening of said front plate.

2,133,132

METHOD AND MEANS FOR REPRODUCING BALANCED SOUND RECORDS

Gerhard Clamann, Dresden, Germany, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany

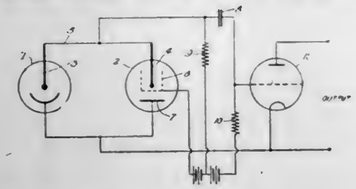
Application November 4, 1937, Serial No. 172,744

In Germany November 19, 1936

7 Claims. (Cl. 179—100.3)

1. In a method of reproducing balanced double

track sound records, the steps of separately scanning photoelectrically the half-waves in each track of the sound record and producing a multiple of secondary electrons by the primary electrons generated during the scanning of one of said sound tracks, so that the electron flow re-



sulting from the two emissions of electrons flows in a direction opposite to the flow of the primary electrons produced during the scanning of the other one of said sound tracks, whereby the two half-waves of the sound record reproduced thereby are arranged in phase opposition.

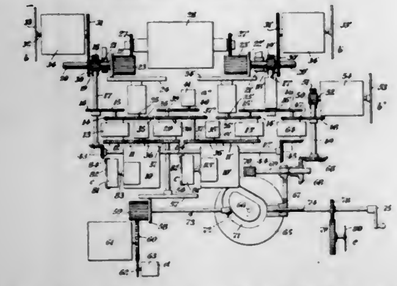
2,133,133

LOG SYSTEM FOR SHIPS

Arthur Pattison Davis, New York, N. Y., assignor to Arma Engineering Co., Inc., Brooklyn, N. Y., a corporation of New York

Application January 6, 1934, Serial No. 705,635

3 Claims. (Cl. 235—61)



1. In an indicating system for shafts of ships and the like, the combination with a driver adapted to rotate at a speed corresponding to the speed of one of said shafts, differential mechanism actuated on one input side from said driver, a constant speed motor having adjustable connecting mechanism driving the other input side of said differential, speed indicating means connected to the output side of said differential, and control means between said speed indicating means and the connection between the constant speed motor and the differential acting to control the rate of actuation of said differential by said motor.

2. In an indicating system for shafts of ships and the like, the combination with a plurality of electric motors adapted to continuously rotate at speeds corresponding to the relative speeds of said shafts, of differential means for combining the rotation of said motors to give the average total revolutions of said shafts, rate measuring means including means for combining the rotations of said drivers and acting to give the average speed of rotation of said shafts, indicating means to show the total travel of the ship, and mechanism for driving said indicating means comprising connecting means from said differential means, control means driven from said rate measuring means and acting to vary said drive for said indicating means, and adjusting means independently movable to control said driving mechanism and provide an additional regulation of the indicating means.

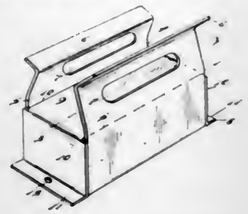
2,133,134

CONCRETE INSERT

Anthony E. Davis, Philadelphia, Pa.

Application July 30, 1937, Serial No. 156,462

1 Claim. (Cl. 72—105)



An insert for concrete, comprising a wrought metal body having side walls, open ends and a bottom having an opening therein for insertion of a hanger support, and a wrought metal insert having the form of an inverted U with a top wall contacting the side walls of the body portion, with the end walls of greater width than the top wall and overlapping the end edges of the walls of the body portion, and with base flanges exterior of the body portion having their inner edges permanently connected with the ends of the bottom of the body portion to form a rigid box-like construction.

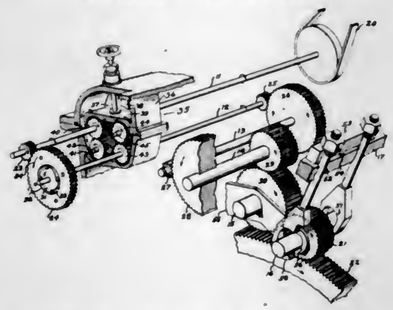
2,133,135

GEARING

John H. Doran, Scotia, N. Y., assignor to General Electric Company, a corporation of New York

Application July 6, 1935, Serial No. 30,086

4 Claims. (Cl. 74—368)



1. A gearing including a first shaft, a second shaft, a gear on the first shaft meshing with a gear on the second shaft to change the speed of the second shaft with respect to that of the first shaft, one of the gears being directly secured to one of the shafts, means including a free-wheeling clutch for connecting the other gear to the other shaft, a hydraulic coupling connected between the shafts, and means for rendering the hydraulic coupling operative to cause the free-wheeling clutch to overrun and to effect power transmission between the shafts through said hydraulic coupling, the hydraulic coupling having a different torque transmission ratio than that of the gears.

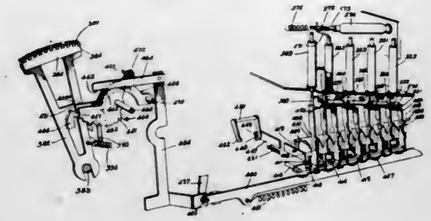
2,133,136

PRINTING MACHINE

Walter T. Gollwitzer, Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del., a corporation of Delaware

Original application February 24, 1936, Serial No. 65,376. Divided and this application February 16, 1938, Serial No. 190,825

26 Claims. (Cl. 101—93)



1. A variable printer for printing numerical accounting data and including a plurality of means each bearing type characters for printing the characters 0 to 9 and a blanking character, a platen for making impressions from said type characters, means for operating said platen, means associated with each of said type character bearing means for moving said type character bearing means into position to dispose the type characters thereon in cooperative relation with said platen, a stop plate associated with each of said type character bearing means and operable to selectively position a type character from 0 to 9 in cooperative relation with said platen, a stop arm associated with each of said type character bearing means and normally arranged to cooperate therewith to position the corresponding blanking character in cooperative relation with said platen, means for operating said stop plates, means operable by each of said stop plates, when the latter are moved, to move the corresponding one of said stop arms out of cooperative relation with said type character bearing means, and means on each of said stop arms adapted to cooperate with adjacent stop arms disposed in a given direction therefrom to move said adjacent stop arms out of cooperative relation with said type character bearing means when any one of said stop arms is moved out of cooperative relation with its associated type character bearing means by its associated stop plate.

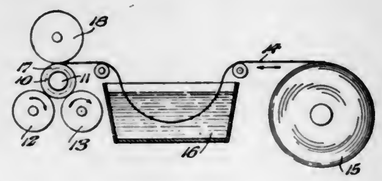
2,133,137

METHOD OF MAKING TUBES

Harry C. Hackett, Wilmington, Del., assignor to National Vulcanized Fibre Co., Wilmington, Del., a corporation of Delaware

Application September 20, 1937, Serial No. 164,800

3 Claims. (Cl. 154—2)



1. The method of making a vulcanized-fibre tube having a relatively thick wall from strip material which consists in first forming a relatively thin walled tube by chemically treating the strip with a gelatinizing agent, winding, puring, drying and rolling the wound strip material to produce a finished tube of a limited dimension, and thereafter using said tube as a mandrel and winding on it additional layers of similarly treated strip material to build up the tube to a desired dimension, and puring, drying, and rolling the tube to finish the same at its final dimension whereby the thick walled tube formed thereby will not blister or crack.

2,133,138

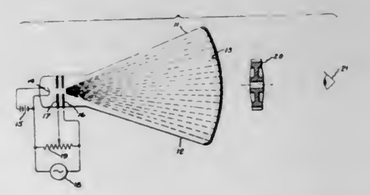
STROBOSCOPE

Fritz Hamacher, Spandau-Ruhleben, Germany, assignor to General Electric Company, a corporation of New York

Application May 4, 1936, Serial No. 77,880

In Germany May 24, 1935

13 Claims. (Cl. 88—14)



1. In a silhouetting stroboscope, the combination of a cathode ray tube having a fluorescent screen, and means within the tube for producing cathode rays, spreading them across a solid angle covering the screen and producing impingement of said rays upon said screen intermittently at high frequency to form high frequency light flashes each extending over the area of said screen.

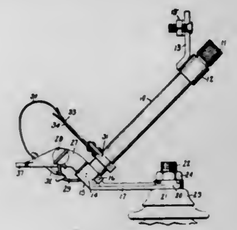
2,133,139

FUSE DEVICE

Benjamin R. Hermann, Lanesborough, Mass., assignor to General Electric Company, a corporation of New York

Application November 24, 1937, Serial No. 176,271

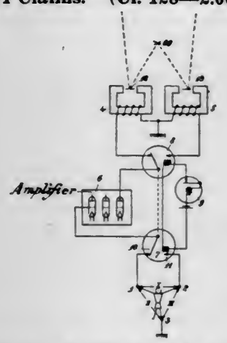
12 Claims. (Cl. 200—117)



3. In a fuse device, a fuse holder having a gas discharge opening at one end, an electrically conductive mounting bracket secured to said holder and having an outwardly projecting arm with means adjacent the outer end thereof for attachment to a support for said holder, said bracket being arranged to support said holder with the said gas discharge end thereof directed away from the attachment end of said arm, clamping means for securing to said bracket one end of a fuse link extending out of said one end

of the holder, and a spring device arranged to be connected with a fuse link in said holder for normally tensioning the fuse link, said spring device being operative upon fuse link rupture quickly to withdraw a portion of the ruptured manner to cause the withdrawn fuse link portion to swing away from the said outer attachment end of said arm.

2,133,140
RECORDING DEVICE
Hans Erich Hollmann, Berlin-Wilmersdorf, Germany
Application January 8, 1936, Serial No. 58,048
In Germany December 29, 1934
11 Claims. (Cl. 128—2.06)



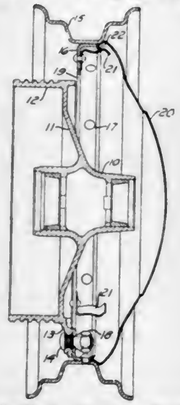
1. In an electro-cardiograph for simultaneously recording a plurality of action voltages drawn from different contact points of a patient, a recording system, a common amplifier, switching means for successively and periodically connecting the input of said amplifier to the different contact points at a frequency substantially higher than the highest frequency of the action voltages to be recorded, means operating in synchronism with said first means for separately recording the individual action voltages as curves upon different zero axes of the recording system, and damping means for said recording system to eliminate the effect of transient switching potentials upon the curves recorded.

2,133,141
VACUUM CLEANER
Osmund Holm-Hansen, Stratford, Conn., assignor to General Electric Company, a corporation of New York
Application December 5, 1936, Serial No. 114,404
4 Claims. (Cl. 183—51)



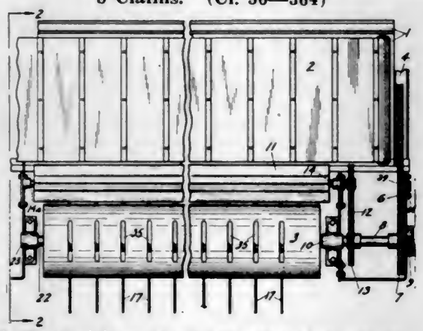
4. A vacuum cleaner bag comprising a plurality of tubular elements arranged side by side, said elements being joined together along adjacent sides and closed at one end, a header communicating with the open end of said tubular elements for discharging dust-laden air thereto, and an opening in said header adapted to be connected to the discharge outlet of a vacuum cleaner whereby a double walled bag is provided which is adapted to be wrapped around the handle of said vacuum cleaner.

2,133,142
VEHICLE WHEEL
Harry J. Horn, Lansing, Mich., assignor to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan
Application January 6, 1936, Serial No. 57,654
3 Claims. (Cl. 301—37)



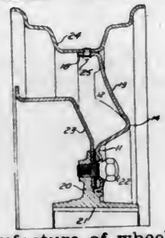
1. A wheel including, in combination, a wheel body, a rim, a radially extending felly ring secured to the rim, means associated with the felly ring for demountably securing the rim to the wheel body, a cover having a peripheral portion abutting said felly ring and arranged to conceal the wheel body and said securing means, and a plurality of resilient attaching clips rigidly secured to the felly ring and resiliently engaging the cover adjacent its periphery to detachably connect the cover to the wheel.

2,133,143
PICK-UP MECHANISM
George Innes, Davenport, Iowa, assignor to Innes Company, Bettendorf, Iowa, a corporation of Delaware
Application November 17, 1937, Serial No. 175,064
8 Claims. (Cl. 56—364)



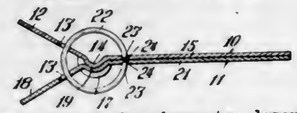
1. In a pick-up for loose vegetable matter, in combination, a rotatable drum having peripheral apertures for the reception of spring fingers, a rotary cage within said drum, eccentrically positioned and having spring fingers mounted thereon and extending through said apertures, and driving means connected in driving relation with said cage to cause the fingers to rotate said drum.

2,133,144
METHOD OF MANUFACTURING WHEELS
Stanley N. Johnson, Lansing, Mich., assignor to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan
Application June 28, 1935, Serial No. 28,834
1 Claim. (Cl. 29—159.01)



In the manufacture of wheels, the method of forming a one-piece wheel body from a circular blank of metal which comprises deforming the center of the blank to produce a bolting on flange, deforming the radially outer zone of the blank to produce spaced depressions separated by spoke-like formations, piercing the bottom wall of the depressions, deepening the depressions, and thereafter punching out the entire bottom wall of the depressions.

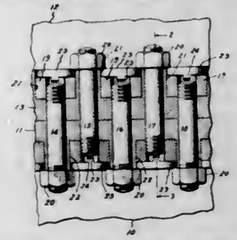
2,133,145
HAIR CLIP
Frances M. Jones, Burlington, Iowa
Application March 15, 1937, Serial No. 130,995
3 Claims. (Cl. 132—31)



1. A hair clip of the character described comprising a pair of complementary flat strips each tapering toward one of the ends to provide curl clasping ends, the strips intermediate of the ends being correspondingly arcuately recessed transversely and the recessed portion of the one strip seated in the recess of the other strip to constitute a fulcrum point, the wide ends of the strips being angularly disposed in opposite directions to constitute finger grasping portions, the finger grasping portions of both strips in proximity to said fulcrum point having registering holes and a split spring element inserted through said registering holes and encircling the fulcrum point with its ends bearing on the outer faces of said strips to normally hold the curl clasping ends in face to face contact.

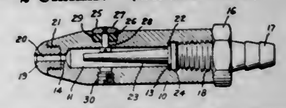
2,133,146
FLANGED JOINT
Anthony J. Larrecq, Beach Bluff, Mass., assignor to General Electric Company, a corporation of New York
Application August 13, 1937, Serial No. 158,925
1 Claim. (Cl. 220—75)

Flanged joint comprising a first and a second flanged member, first and second bolts with heads and nuts securing the flanges together, each first bolt being located intermediate two second bolts, recesses in the first flanged member for receiving the heads of the first bolts and recesses in the



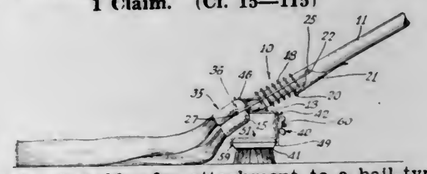
second flanged member for receiving the heads of the second bolts, the heads being screw-threaded to the bolts, a locking member for each bolt forced into the recess by the nuts of adjacent bolts.

2,133,147
COMBINED NOZZLE AND VALVE
James E. Mortimore, Stratford, Conn.
Application August 28, 1937, Serial No. 161,400
2 Claims. (Cl. 299—149)



1. A combined valve and nozzle comprising an elongated rigid body having a central longitudinal passage therethrough including a relatively large air intake end, a valve chamber and an elongated intermediate chamber portion of a reduced diameter, there being an annular valve seat formed at the junction of the diameter of the valve chamber and the elongated intermediate passage, a normally closed pressure-seated valve within the passage having a tiltable head adapted to normally cover the valve seat and having a stem normally disposed central of and longitudinally in the intermediate passage, a pocket in the side of the body, a push button positioned in the pocket and having a stem extended through the wall of the body at a right angle for engagement with the valve stem to tilt the same against the action of the air pressure, the said push button being adapted to be pressed inward to deflect the valve stem against air-pressure in a manner to tip the head of the valve upon its seat to form a passage therebeneath.

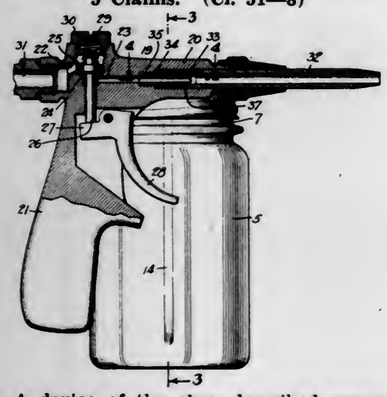
2,133,148
BRUSH ATTACHING DEVICE FOR MOPS
David Paul, Brooklyn, N. Y.
Application June 5, 1937, Serial No. 146,649
1 Claim. (Cl. 15—115)



A brush holder for attachment to a ball-type mop holder comprising a first flat sheet metal member having a horizontally extending portion and an apertured wall extending downwardly from the front edge of said horizontally extending portion and normal thereto, a short second

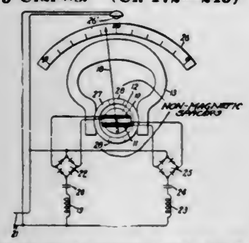
wall portion extending upwardly from the rear edge of said horizontally extending portion, said second wall portion having a horizontal tongue extending rearwardly therefrom and a pair of spaced aligned horizontal end tongues extending forwardly of said second wall in vertical spaced relationship to said horizontally extending portion, a second elongated sheet metal member comprising a horizontal section and an apertured upwardly extending section at one end thereof and a downwardly extending flange at the other end thereof, means passing through the apertures in said first and second members and securing them in opposed cooperating relationship, said flange and said downwardly extending wall having means thereon adapted to support a brush back therebetween and said tongues adapted for attachment to said mop holder.

2,133,149
SAND BLASTING MECHANISM
Arthur J. Poncelet, Arlington, Calif.
Application June 24, 1935, Serial No. 28,171
5 Claims. (Cl. 51—8)



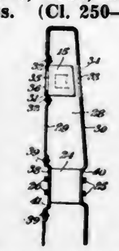
3. A device of the class described comprising a fluid container; a nozzle having a handle; means by which fluid in the container can be ejected from the nozzle at high velocity; and means for mounting the container on the nozzle for swiveling movement relative thereto to compensate for angular movement of the nozzle in a vertical plane, so that the container can be disposed in an upright position for the ejection of fluid therefrom irrespective of the angle at which the nozzle is held.

2,133,150
FREQUENCY METER
Theodore A. Rich, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application September 29, 1937, Serial No. 166,363
5 Claims. (Cl. 172—245)



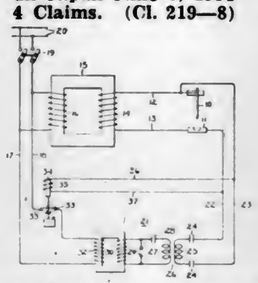
1. Frequency measuring apparatus comprising a frequency responsive instrument of the differential type, a frequency calibrated scale therefore, a single stationary field magnet, a movable coil armature and pointer, a spring for returning said movable armature and pointer to a mid-scale indication corresponding to a given frequency from a deflection in either direction therefrom when the torque of said instrument is zero, two differential energizing circuits for said instrument respectively tuned to different frequencies above and below said given frequency, and such as to produce zero torque on said instrument regardless of the indicating position of its armature when both circuits are energized from a common alternating current source at such given frequency, said apparatus being calibrated at the normal voltage of such source.

2,133,151
RADIO RECEIVING SYSTEM FOR AUTOMOBILES
Paul L. Rittenhouse, New York, N. Y.
Application August 6, 1936, Serial No. 94,553
2 Claims. (Cl. 250—14)



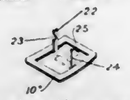
1. In a passenger type of automobile in combination: a body containing a windshield and a dash-board contiguous thereto, a driver's seat and a rear seat facing said windshield, said driver's seat having a back, a loud speaker unit of a radio receiver mounted substantially in line with said seat back near the top thereof and beside the position occupied by the driver, said speaker having a vibratile diaphragm positioned to so direct acoustical waves toward said windshield and dash-board that said waves will be reflected to the ears of all car occupants, and said diaphragm being acoustically exposed toward said rear seat.

2,133,152
WELDING WITH SUPERIMPOSED HIGH FREQUENCY
Iwane Schigyo, Tokyo, Japan, assignor to General Electric Company, a corporation of New York
Application May 2, 1935, Serial No. 19,479
In Japan June 8, 1934
4 Claims. (Cl. 219—8)



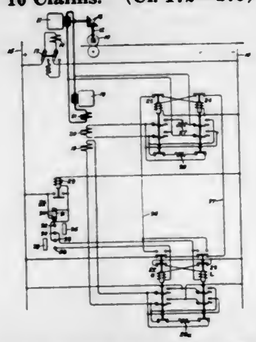
3. An arc welding apparatus comprising a pair of arc-forming electrodes, means for delivering low frequency current to such electrodes, means for delivering high frequency current to such electrodes, and a relay energized by the first-mentioned means and controlling the last-mentioned means, whereby interruption of the low frequency current entails interruption of the high frequency current.

2,133,153
LINGERIE BUCKLE
Joseph Shaulson, Providence, R. I.
Application March 11, 1938, Serial No. 195,283
5 Claims. (Cl. 24—198)



5. A buckle construction comprising a frame having sides and edges and an open center, and bar portions extending from opposite sides towards each other with their side edges in alignment to form a central buckle bar element, said bar portions having interlocking sections respectively comprising a recess and a projection adapted to fit into said recess when said bar portions are in the plane of the buckle.

2,133,154
CONTROL SYSTEM
William B. Snyder, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application April 21, 1938, Serial No. 203,279
10 Claims. (Cl. 172—179)



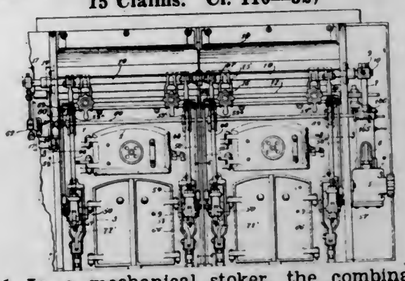
10. A control system comprising in combination a generator having a self excited shunt field winding, a separately excited field winding and a series differential field winding, an electric motor supplied from said generator, a master switch having an off position and forward and reverse operative positions, reversing contactors controlled by said master switch for controlling the energization of said separately excited field winding to control the starting and stopping of said motor, a third contactor controlled by said reversing contactors in response to operation of said master switch to one of said operative positions to connect said shunt field winding to said generator so that it acts cumulatively with said separately excited winding, a fourth contactor controlled by said reversing contactors in response to operation of said master switch to said off position for reversing the connections of said self excited field winding thereby to provide effective braking torque of said motor, and an adjustable current limiting device connected in circuit with said self excited field winding by said fourth contactor for controlling said braking torque.

2,133,155
ADVERTISING DEVICE
Corwin W. Stevens, Los Angeles, Calif.
Application December 12, 1936, Serial No. 115,549
1 Claim. (Cl. 40—30)



An advertising device, a series of panel-like members of similar size and shape, narrow strips of flexible material arranged on the side portions of alternate panel-like members, the ends of which strips are connected to the panel-like members so that those members below the uppermost member will successively reverse their positions subsequent to the reversal of position of the uppermost member, both faces of which members bear characters that appear in subsequence as the device is operated, a single series of wide flexible members arranged on both faces of alternate panels between the first mentioned series of narrow flexible members, the ends of which wide flexible members are connected to the ends of the panels so that the latter may reverse their positions, which wide series of flexible members reverse their positions simultaneously with the reversal of the positions of the panels and both faces of which wide flexible members bear characters that appear in vertical sequence as the device is operated and to cooperate with the characters on the exposed faces of the next adjacent upper and lower panels to form words.

2,133,156
STOKER TIMING AND ACTUATING MECHANISM
James F. Turner and Christian P. Breidenbaugh, Baltimore, Md., assignors to Flynn & Emrich Company, Baltimore, Md., a corporation of Maryland
Application August 8, 1934, Serial No. 738,914
15 Claims. Cl. 110—32)



1. In a mechanical stoker, the combination with a plurality of sets of stoker members which in normal positions comprise a supporting surface for fuel bed, said members being movably

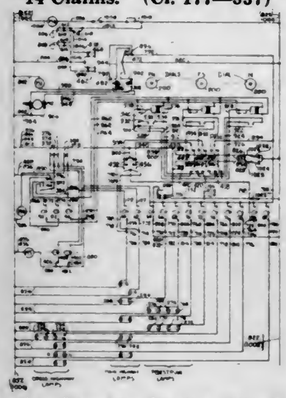
mounted so that they can be advanced from said normal position into the fuel bed and retracted, and means connecting the members of each set together to be so moved together, of a rocker shaft, means for operating the shaft at a substantially uniform regulatable speed, a timing shaft with timing mechanism for operating said timing shaft from the rocker shaft with a step by step motion, said steps being performed in a plurality of spaced series with a dwell interval between said series, said timing mechanism comprising a heavy duty rachet wheel secured to the timing shaft and a pawl engaging said ratchet wheel and providing the step by step motion of each series of steps, a shield for controlling said pawl, a shield, ratchet wheel and pawl mechanism for operating said shield, a pawl carrier for said pawls having an actuating connection to the rocker shaft, adjustable means for controlling the shield pawl, to vary the time of operation of said sets of stoker members, separate timing cams secured to said timing shaft one for each set of stoker members, a pull rod operating each set of stoker members, a separate actuating mechanism for each pull rod, each said actuating mechanism comprising a shield operated by the corresponding cam on the timing shaft, a pull rod pawl controlled by said latter shield, a pull rod arm member operated by said pawl, a connection to the rocker shaft including a pull rod pawl carrier for operating each pull rod pawl to apply tension to the pull rod to operate the corresponding series of stoker members, each said pawl carrier having means for returning the pull rod and the corresponding series of stoker members immediately to their respective normal positions on the return stroke of the pawl following each operation of the pull rod.

2,133,157

SIGNAL CONTROLLING AND DURATION VARYING SYSTEM AND MECHANISM THEREFOR

Harrison Irving Turner and Carl Ludwig Anderson, Moline, Ill., assignors to Eagle Signal Corporation, Moline, Ill., a corporation of Massachusetts

Application December 3, 1934, Serial No. 755,742
14 Claims. (Cl. 177—337)



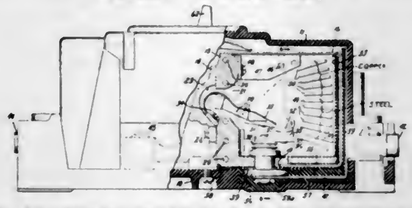
1. In a signal system having "stop" and "go" signals for facilitating progressive movements of traffic through a plurality of street intersections, the combination of a plurality of controllers, each having associated therewith signaling means for displaying diverse signal aspects toward the traffic travelling in diverse directions at the respective street intersections, switching means for causing such display in a definite order, at least one signal aspect at each intersection being intended to indicate to approaching traffic the necessity for a change in speed in order that the traffic may keep in step with the signals, mechanism for causing intermittent display of the "go" indication of the last mentioned signalling aspect, and synchronizing means for causing the signal aspect displays effected by each controller to occur in a predetermined relationship with respect to each other.

2,133,158

CIRCUIT BREAKER

Dennistoun W. Ver Planck, New Haven, Conn., and Joseph W. Seaman, Upper Darby, Pa., assignors to General Electric Company, a corporation of New York

Application December 17, 1936, Serial No. 116,384
8 Claims. (Cl. 200—147)



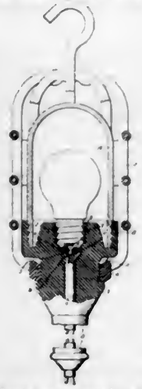
1. An electric circuit interrupter comprising a stationary contact, a movable contact arranged to engage said stationary contact, and a plurality of spaced arc extinguishing plates arranged along the path of movement of said movable contact and extending substantially at right angles to the path of movement of said movable contact, a plurality of said plates along the initial part of the opening movement of said movable contact being made of magnetizable material to move the arc formed between said contacts into said plates, and the remaining plate being made of a non-magnetizable material having high heat conductivity to cool the arc.

2,133,159

LAMP SOCKET

Frederick H. Weston, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York

Application January 23, 1937, Serial No. 122,033
2 Claims. (Cl. 173—358)



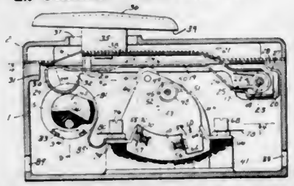
1. A lamp socket comprising a screw shell having an outturned flange at its open end, a reinforcing sleeve surrounding the shell and extending throughout the length of the screw threads, the flange projecting beyond said sleeve, a center contact, and a body of insulating material molded directly on to said shell, center contact, and sleeve.

2,133,160

SAFETY ELECTRIC CONTROL CONTACTOR

Theodore W. Barlow, Detroit, Mich.

Application January 13, 1938, Serial No. 184,863
12 Claims. (Cl. 200—44)



1. In an electric contactor construction, a main frame, two sets of contacts on the frame, an oscillatable carrier carrying contacts engageable with the sets of contacts respectively when oscillated in one direction or the other, a spring means maintaining the carrier yieldably oscillated in one direction, a contactor operating element movably supported on the frame, a handle for moving the contactor operating element, to oscillate the carrier in the other direction, a rotary barrel on the frame carrying an abutment which in one rotative position of the barrel is disposed in the path of the contactor operating element to prevent movement thereof and corresponding oscillatory movement of the carrier thereby, and in another position permits movement of the contactor operating element, lock means associated with the contactor operating element and the barrel engageable in another rotative position of the barrel, to lock the contactor operating element in carrier oscillated position, a cover for the contactor, locking means on the cover and barrel engaged to lock the cover on the frame in all three said rotative positions, and disengageable to unlock it upon rotation of the barrel to a fourth position.

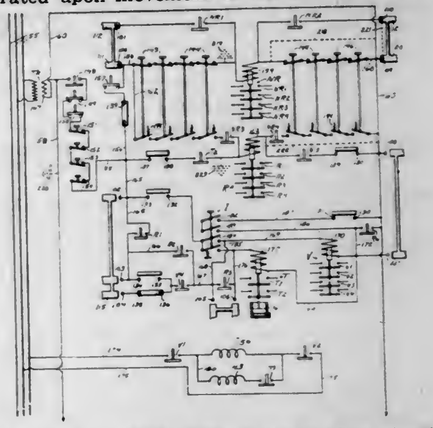
2,133,161

ELECTRIC CONTROL FOR POWER PRESSES AND THE LIKE

Lester H. Colbert, Cleveland Heights, Ohio, assignor to The Clark Controller Company, Cleveland, Ohio, a corporation of Ohio

Application December 29, 1937, Serial No. 182,231
31 Claims. (Cl. 192—142)

1. In an electric control system for a machine tool or the like comprising a driven element, a drive for driving the driven element including a power source and a clutch, an electric control including a source of electric current actuatable to effect operation of the clutch and communication of power from the power source through the clutch to the driven element, normally restored operator's contactor means arranged to effect, when operated, actuation of the control by current from the current source, an electro-magnetic contactor having contacts for effecting, when operated, actuation of the control jointly with the operator's contactor means, the electromagnetic contactor being normally maintained operated by a winding connected with the current source and energized through the said contactor means when in restored condition, a holding circuit for the winding of the electro-magnetic contactor to maintain it operated after operation of the contactor means, and a controller operated upon movement of the driven element



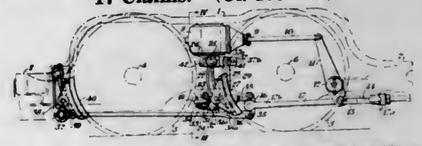
and having contacts opening the holding circuit when the driven element has been moved to a pre-selected position.

2,133,162

BRAKE RIGGING

Theodore C. Crossman, Wilkinsburg, Pa., assignor to The American Brake Company, Swissvale, Pa., a corporation of Missouri

Application December 29, 1937, Serial No. 182,283
17 Claims. (Cl. 188—33)



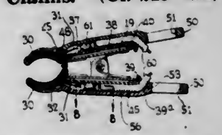
1. In a railway vehicle, in combination, a frame, a wheel arranged for lateral movement relative to said frame and having a braking surface movable therewith, a brake element carried by said frame and being movable into and out of braking engagement with said braking surface and being free to move laterally relative to said frame in response to lateral movement of said wheel, a lever operatively connected intermediate its ends with said element for actuating said element and pivotally secured at its outer end to said frame in a manner permitting longitudinal movement in response to lateral movement of said element, and means connected with said lever at its inner end for actuating said lever.

2,133,163

ELECTRIC HEATER

George Decker, Cincinnati, Ohio

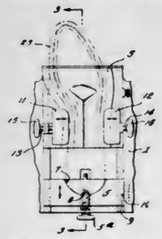
Application June 22, 1935, Serial No. 27,844
7 Claims. (Cl. 219—24)



1. An electric hair waving heater comprising a pair of casings pivoted together, heating elements within said casings, insulating handles at-

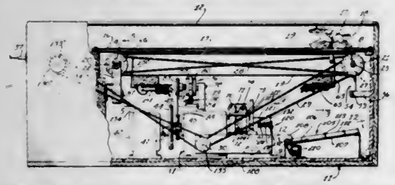
tached to said casings, said casings having portions receiving the adjacent ends of said handles, and portions pressed outwardly beyond the outer surface thereof forming ridges surrounding said handle ends and lead-in wires from said heating elements extending into said handles through said ends.

2,133,164
MANUFACTURE OF FOOTWEAR
Alfred F. Donovan, Boston, Mass., assignor to E. T. Wright & Company, Inc., Rockland, Mass., a corporation of Massachusetts
Application December 1, 1936, Serial No. 113,639
10 Claims. (Cl. 12—17)



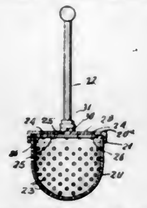
1. Apparatus for use in slotting the metatarsal pad of an insole preparatory to assembly of a shank stiffener therewith, said apparatus comprising a support for the insole and a slotting die movable toward and from the support, said die having locating means engageable with the margin of the pad while the die is retracted, thereby to assist the operator in accurately positioning the insole on the support.

2,133,165
AMUSEMENT DEVICE
Irwin W. Eisenberg, Alhambra, and Fritz W. Falck, Hollywood, Calif.
Application July 8, 1935, Serial No. 30,310
17 Claims. (Cl. 273—86)



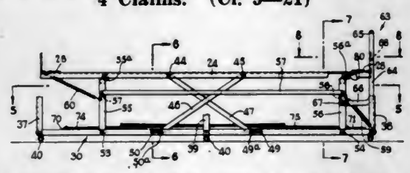
1. In an amusement device of the class described, the combination of: a deck having a plurality of lanes thereon; shafts rotatably supported adjacent the ends of said lanes; a plurality of aligned sets of pulleys mounted on said shafts in parallel relation with said lanes; a belt member extending over each set of pulleys; a racing piece in each lane attached to a corresponding belt member; means for rotating one of said shafts in a belt advancing direction; a plurality of clutch elements secured to said belt advancing shaft and normally out of engagement with the respective pulleys; means for repeatedly and intermittently engaging the respective clutch elements with their respective pulleys independently of each other; means for varying the intervals of operation of the respective clutch engaging means thereby varying the rate of advancement of the respective belts and pieces; means for rotating the other of said shafts in a belt retracting direction; clutch means secured to said retracting shaft and adapted for engagement with the respective pulleys thereon; and means for simultaneously engaging all of said retracting clutches.

2,133,166
INDIVIDUAL COFFEE OR TEA BAG AND SEPARATE COVER
Susanne E. Fritsche, St. George, Staten Island, N. Y.
Application February 7, 1938, Serial No. 189,089
8 Claims. (Cl. 53—3.5)



1. An individual coffee or tea bag and separate cover comprising a pervious container for holding a small quantity of tea or coffee with or without the customary small holding bag and having an open top, a perforated cover for detachable mounting on said container for closing said open top and having a perforated top wall, a handle extending axially of said top wall and turnably mounted at its bottom end through said top wall, and a perforated disc attached upon the inner end of said handle and in face contact with the inner face of said top wall for controlling the passage of fluid through said perforations.

2,133,167
COUCH BED
Meyer Gursky, Bronx, N. Y.
Application February 23, 1935, Serial No. 7,781
4 Claims. (Cl. 5—21)

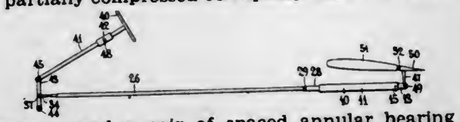


1. A bed comprising a lower frame and an upper frame disposed substantially in alignment with one another, a pair of legs pivoted to each of the long sides of the bottom frame, each pair of legs being interconnected by a member disposed parallel to the bottom frame, rollers at the upper ends of said legs engaging the opposite sides of said upper frame, a member interconnecting the legs adjacent one end of the bed, a second member interconnecting the legs adjacent the other end of the bed, a coil tension spring attached at one end to said first interconnecting member and at the other end to the adjacent end of the lower frame, and a coil tension spring attached at one end to said second interconnecting member and at the opposite end to the adjacent end of the upper frame.

2,133,168
RESILIENT CONTROL MEANS
Joseph M. Gwinn, Jr., Buffalo, N. Y.
Application February 10, 1937, Serial No. 125,100
14 Claims. (Cl. 244—83)

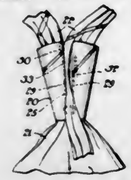
1. In an aircraft control motion transmitting device, in combination, a control flap, a pilot-operable control member, a motion transmitting

mechanism interconnected with said pilot operable member and said flap to procure movement of said control flap in response to movements of said pilot operable member, said motion transmitting mechanism including a limited force transmitting unit for absorbing control movements in either direction of motion when opposed by air pressure forces upon said control flap which are in excess of a predetermined magnitude, said limiting force transmitting unit comprising a pair of opposed telescopic tubes and a partially compressed coil spring disposed there-



between and a pair of spaced annular bearing members mounted in slide fitting relation between said tubes and serving to maintain said tubes in spaced axial alignment and providing opposed seats for receiving in abutting relation the opposite ends of said coil spring, and means on said tubes for limiting movements of said bearing members relative to said tubes to procure axial compression of said spring upon relative movement of said tubes in either direction of axial movement and to maintain the unit in assembled relation.

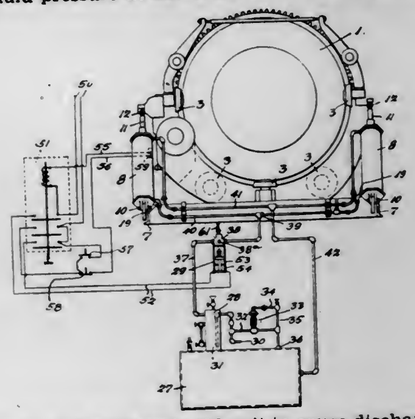
2,133,169
NECKTIE
William H. Ve Relle, Philadelphia, Pa.
Application June 16, 1937, Serial No. 148,472
6 Claims. (Cl. 2—150)



1. A necktie comprising a hollow knot of tapered cylindrical form with the vertical edges at the rear spaced to provide a longitudinal slot, a holding member including a clamping device located within the knot at the bottom thereof and having legs projecting therefrom, said legs engaging the vertical edges of the knot to maintain them in spaced relation, a separate breast piece secured to the inside of the knot and depending therefrom, and a neckband having one end secured within the knot and the other end for lateral passage through the longitudinal slot and to enter the clamping device, whereby the knot and neckband can be normally held in an adjusted position.

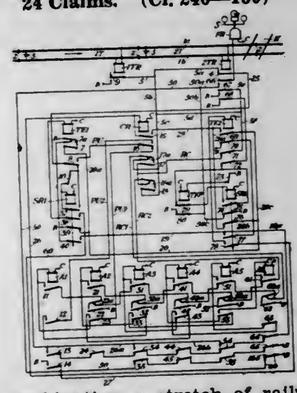
2,133,170
TILTING MECHANISM
Charles S. Johnson, Champaign, Ill., assignor to Koehring Company, Milwaukee, Wis., a corporation of Wisconsin
Application December 6, 1935, Serial No. 53,267
6 Claims. (Cl. 259—162)

1. In a mixing machine of the class described, in combination, a mixer, a tiltable unit for causing charging and discharging action of the mixer, pressure fluid operated rams connected with said unit for imparting opposite movements thereto, said rams including cylinders, anchoring means for the cylinders, a piston in each cylinder, a piston rod connecting each piston with said unit, pressure fluid passage and valve means for each cylinder, instrumentalities for maintaining said pistons at one side thereof under a predetermined fluid pressure, devices for imparting a higher fluid pressure at the other side of said pistons



to move the same and said unit to cause discharging of the mixer, and automatic instrumentalities for releasing said higher pressure automatically to thereby return said unit and mixer under the influence of said predetermined pressure to charging position.

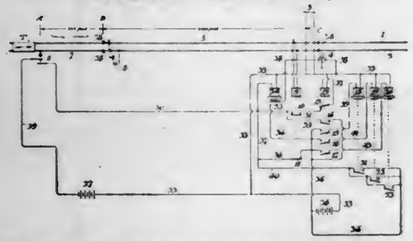
2,133,171
CONTROLLING APPARATUS FOR HIGHWAY CROSSING SIGNALS
Charles H. Lay, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Continuation of abandoned application Serial No. 29,487, July 2, 1935. This application February 8, 1936, Serial No. 62,968
24 Claims. (Cl. 246—130)



1. In combination, a stretch of railway track including a measuring section and an operating section each equipped with a track circuit including a normally energized track relay, said operating section having a highway intersecting the exit end thereof, a warning device at the intersection operative to warn traffic on the highway of the approach of trains; a chain of relays for registering, by the number of them which become operated, the time consumed by a train after its entry into the measuring section prior to its entry into the operating section of the stretch, means under control of the track relay of the measuring

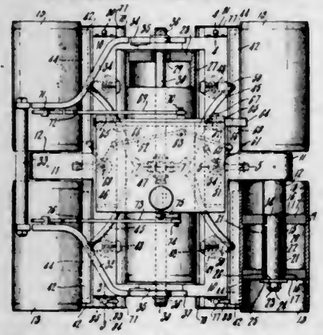
section when a train enters it for initiating the successive operation of the relays of said chain, means controlled by the track relay of the operating section when the train enters it for preventing any non-operated relays of the chain from being thereafter operated, a second timing device placed under control of the track relay of the operating section when the train enters it to successively effect the release of the operated relays of the chain, and an operating circuit for said warning device including back contacts of relays of said chain and of the track relay of said operating section.

2,133,172
HIGHWAY CROSSING SIGNAL FOR RAILWAYS
Harvey A. Haines, Philadelphia, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application June 12, 1936, Serial No. 84,836
13 Claims. (Cl. 246—130)



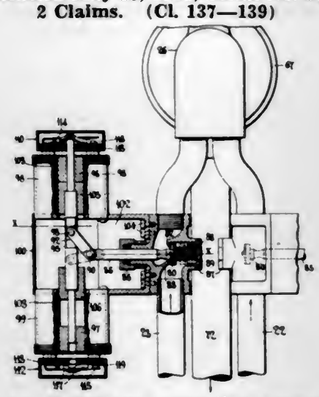
12. In combination, a stretch of railway track intersected by a highway, a highway crossing signal device located at the intersection, initiating means for starting the operation of said signal as a train reaches a fixed point in advance of said crossing, electrical delaying means for delaying the operation of said signal after the train passes said fixed point, said delaying means being of the delay relay type and operating to delay the operation of the signal only if energized and then de-energized, and an electrical selection means which determines the period of operation of said delaying means according to the speed of the train approaching said fixed point.

2,133,173
APPARATUS FOR FINISHING CONCRETE FLOORS
John Henry Meyer, Rutherford, N. J.
Application November 11, 1935, Serial No. 49,131
6 Claims. (Cl. 94—50)



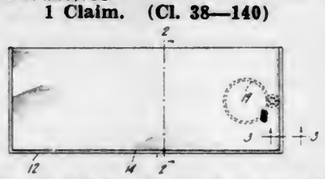
1. In a machine for finishing concrete floors, a frame, a pair of leading rollers and a pair of trailing rollers, a shaft for each of said pairs of rollers, said frame being provided with supports for the shafts intermediate the rollers of each pair, whereby said rollers are slightly spaced apart, said shafts being fixed to the supports, bearing means interior of said rollers adapted to rotatably hold said rollers on said shafts, and a roller journaled on said frame between said pairs of rollers, all of the rollers being rotatable independently of one another and having their floor engaging portions in a common plane, said rollers being of relatively small diameter and substantially of the same diameter, the lineal distance between the shafts of said pairs of rollers being not greater than the width of the machine as defined by the outer ends of said pairs, whereby the short length of the machine engaging the floor surface as compared with the width thereof in engagement with said surface facilitates turning of the machine about the central roller as a pivot while all of the rollers are in engagement with the floor surface, the outer ends of the rollers being beveled to further facilitate said turning movement, said rollers having shafts held rigidly in parallelism in the frame whereby the rollers are non-dirigible with respect to each other and the frame.

2,133,174
ELECTRICALLY OPERATED VALVE FOR BATHTUBS
John Minich, Buffalo, N. Y.
Application May 19, 1936, Serial No. 80,531
2 Claims. (Cl. 137—139)



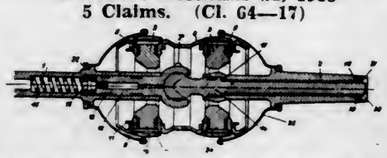
1. In an electrically controlled apparatus including a fluid conveying pipe, an electrically operable valve in said pipe for controlling the supply of fluid therethrough and closing in the direction of flow of fluid whereby the fluid tends to maintain the valve closed in its closed position, a pair of coaxially disposed solenoids having a common reciprocable core member, electric circuit means having switch means connected to the outer ends of said solenoids for alternately energizing the latter, said valve having a stem portion slidable axially in fluid tight relation transversely through the wall of said pipe for opening and closing action of the valve, a link pivotally connected to the stem portion and to said reciprocable core member and operable pivotally through a dead center position in response to reciprocable movement of the core member to open and close the valve, a resilient member connected to the valve and cooperating with the link and core member to maintain the valve in either open or closed position depending upon which side of the dead center position the link is disposed, and means in the circuit means for automatically de-energizing either solenoid in response to movement of the reciprocable core member and depending upon the direction of movement of said core member.

2,133,175
IRONING PAD AND BOARD
Martha Craft Nicholson, Hollywood, Calif.
Substitute of application Serial No. 638,604, October 19, 1932. This application August 4, 1938, Serial No. 223,083
1 Claim. (Cl. 38—140)



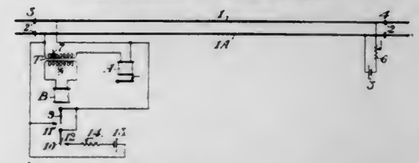
A cover or pad for an ironing board capable of being used in combination with a board or alone, said cover being in the form of a bag having an inner layer of soft material and an outer layer of the same but harder material to form the ironing surface, said materials being relatively non-shrinkable, and being longitudinally stitched together along the middle of both layers and folded along said line of stitching so that one half of the superposed layers overlies the other half, said halves being similar in shape, the edges of the layers along one end and side forming the bottom of the bag and one side thereof being secured by a stitched binding strip having inturned edges, the edges of said layers along the opposite end forming the mouth of the bag, the outer layer along the superposed portions of its edge at the mouth of the bag being also reinforced by said binding strip with inturned edges and doubled to receive said superposed portions of the edge of the outer layer between them, the inner layer being hemmed at said mouth by having the superposed portions of its edge turned in and stitched to the outer layer to reinforce the cover along the edges of the mouth thereof, the outer layer around said mouth extending beyond the inner, the inside of the mouth also having detachable fastener parts secured therein to hold the edges of the mouth together and being adapted also to retain an iron-holder in said bag by being passed through a loop on said iron-holder into engagement with each other.

2,133,176
UNIVERSAL DRIVING JOINT
Jacques Auguste Parent, Paris, France
Application December 19, 1936, Serial No. 116,677
In France December 21, 1935
5 Claims. (Cl. 64—17)



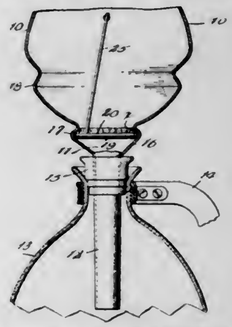
1. A universal driving joint including a casing, a driving shaft and a driven shaft extending therein, a driving cross-piece on the driving shaft, a driving cross-piece in the driven shaft, chambers in the casing forming bearings for the pins of the cross-pieces, chambers forming bearings in each cross-piece for the pin of the corresponding shaft, a ball and socket forming a sliding connection between the extremities of the shafts formed of a spherical male part and a socket female part, V-shaped openings in the said socket adapted to receive the shaft with the male part, and a spring tappet at the ends of the gradients formed by the V.

2,133,177
RAILWAY TRACK CIRCUIT APPARATUS
George R. Pflasterer, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application May 11, 1935, Serial No. 21,020
30 Claims. (Cl. 246—41)



1. In combination, a section of railway track, a source of current connected across the rails of said section, a track relay and an impulse relay both receiving energy from said rails, means for controlling the ampere-turn energization of said track relay in such manner that normally the energization is sufficient to hold up the relay but is insufficient to cause the relay to pick up, means controlled by said impulse relay effective when a train enters the section for closing a shunt path across the rails of said track section to aid the release of said track relay, and other means also controlled by said impulse relay effective when the train leaves said section to increase the energization of said track relay to cause pick-up thereof.

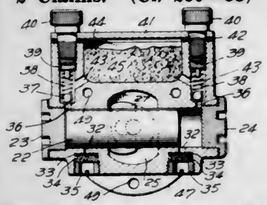
2,133,178
COFFEE MAKING DEVICE
Edward H. Sieling, Chicago, Ill.
Application January 11, 1937, Serial No. 119,995
3 Claims. (Cl. 210—162)



1. As an article of manufacture, a retainer device embodying a split ring, the end portions of said ring having oppositely facing semi-circular bends extending into the confines thereof in overlapping relation to each other, short arms disposed tangent to the free ends of said bends and extending in opposite directions away from each other to lie alongside adjacent portions of said ring, said arms and bends providing U-shaped flat loops that are movable independently of each other and all portions of which are free from interlocking relation, and finger-grips at

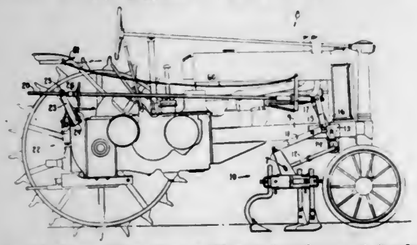
the ends of said arms opposite said bends, each grip disposed adjacent that portion of the ring at which its respective loop is formed.

2,133,179
MOTOR COMPRESSOR UNIT
Ernst Silten, Berlin, Germany
Application November 4, 1935, Serial No. 48,221
2 Claims. (Cl. 230—58)



1. In an inhalation apparatus, a base, an electric motor secured thereon, a casing secured on said motor, a double-ended pump cylinder within said casing, the shaft of said pump being in alinement with the shaft of said motor, a valveless double-ended piston operated by said pump shaft, a chamber in said casing in parallel alinement with the axis of said cylinder, air purifying means in said chamber, the volume thereof being large compared to the volume of said cylinder, and a single outlet therefrom, the diameter of said outlet being approximately the same as that of the exit openings from said pump, whereby the compressed air from a plurality of strokes is contained in said chamber and a substantially constant pressure of purified air substantially free from pulsations is obtained.

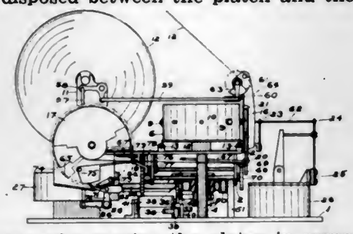
2,133,180
DEPTH-ADJUSTING MECHANISM
Miles H. Tuft, Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois
Application August 1, 1936, Serial No. 93,836
26 Claims. (Cl. 97—47)



1. The combination with an implement including a support and a ground-working tool movable vertically relative to said support, of means including a rotatable member movable longitudinally of itself to shift said tool, and means controlled by rotation of said member for limiting the extent of movement of said tool.

2,133,181
HIGH SPEED FACSIMILE RECORDING DEVICE
Edward W. Allen, Jr., Washington, D. C.
Application June 18, 1935, Serial No. 27,250
18 Claims. (Cl. 178—11)

2. A facsimile recording device comprising a movable platen, a plurality of styli, means comprising a belt for moving the styli in translation across the platen and for supporting the styli rigidly against the movement of the platen, a sheet disposed between the platen and the styli,



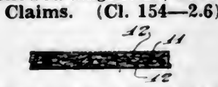
and means for moving the platen in response to facsimile signals whereby a record may be made upon the sheet.

2,133,182
PAPER FILE
Robert J. Aston, Pittsburgh, Pa.
Application April 6, 1938, Serial No. 200,523
6 Claims. (Cl. 129—4)



1. A paper file comprising a housing having a paper receiving slot therein, paper clamping means within the housing, and slidably mounted means included in the housing structure and connected to the clamping means for disposing the latter into and out of clamping association.

2,133,183
ELECTRICAL INSULATION
Fred J. Baird, Toledo, and Allen L. Simison, Newark, Ohio, assignors to Owens-Illinois Glass Company, a corporation of Ohio
Application August 22, 1933, Serial No. 686,270
Renewed August 13, 1936
22 Claims. (Cl. 154—2.6)

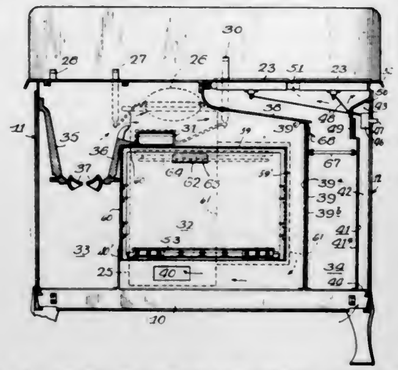


1. An insulating material in sheet form comprising a body of matted glass wool, a binder of electrically non-conducting material impregnating said body, and a thin sheet layer of impervious insulating material covering said body.

18. As an insulating material comprising threads of intermatted glass filaments having a fiber diameter of great fineness, not more than about .0001 to .0004 inch in diameter, and of great length to provide flexibility and strength to the threads, said threads being interwoven to form a fabricated article having great flexibility and strength and being capable of being wound around a fine wire.

22. A soft, resilient and flexible electrical insulating material in sheet form, comprising glass fibers of miscroscopic fineness intertwisted to form threads, said fibers being of sufficient length to permit said intertwisting and to give great strength to the threads, said threads being woven into the form of a tape, and a thin sheet of cellulose base material overlying said tape and bonded thereto.

2,133,184
COMBINATION COAL-WOOD ELECTRIC RANGE
Herbert T. Burrow, Beaver Dam, Wis., assignor to Malleable Iron Range Company, Beaver Dam, Wis., a corporation of Wisconsin
Application May 31, 1935, Serial No. 24,409
8 Claims. (Cl. 126—1)



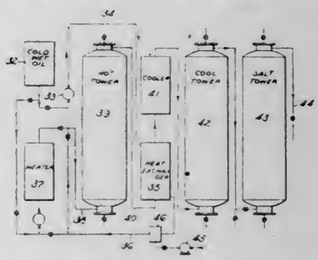
1. A combination fuel and electric range comprising an outer casing, an oven therein having metal walls spaced from the walls of said casing and constituting the inner boundary of a duct, a damper controlling the outlet from said duct, a fuel burning chamber in communication with said duct, and an electric heating unit in said oven, whereby when said damper is closed and the electric heating unit is operating, the air in said duct acts as a heat insulator to reduce the flow of heat outwardly through the walls of said oven, and whereby when said damper is open and the heat for said oven is supplied by fuel, the products of combustion circulate through said duct and heat said oven by the transfer of heat inwardly through the metal walls thereof, two spaced apart heat insulating partitions between said oven and one of the walls of said range, providing a dead air space, the partition nearest the oven forming one of the walls of said duct, the space between said other partition and the outer wall of said range constituting a fresh air duct having openings near the bottom thereof and a switch box for said electric unit mounted near the top of said fresh air duct, to protect it from the heat.

2,133,185
CONTAINER
Carlos Butty, Buenos Aires, Argentina
Application March 10, 1938, Serial No. 195,177
1 Claim. (Cl. 229—48)



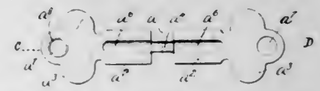
A container of flexible material having a body portion comprising an outer wall and an inner wall and a uniting member of strip material adapted to be compressed for joining simultaneously the longitudinal edges of said outer and inner walls, said uniting member being a cross-section substantially in the shape of two opposing S's joined at the extremities of their upper curves to provide a pair of symmetrical external channels disposed back to back and a pair of symmetrical internal channels disposed mouth to mouth the container being characterized by the fact that both the longitudinal edges of the inner wall are introduced into the same inner channel and bent over so as to be above one of said external channels the longitudinal edges of the outer wall being introduced into said outer channels and the arrangement being such that upon compression of the uniting member, the other of said inner channels is flattened so that its two walls are in direct contact and the tails of the S's lie between the outer and the inner walls and both the edges of the inner wall lie outside one of the longitudinal edges of the outer wall and within one of said inner channels.

2,133,186
PROCESS OF TREATING EMULSIONS
Sumner E. Campbell, Long Beach, Calif.
Application September 16, 1935, Serial No. 40,721
5 Claims. (Cl. 196—4)



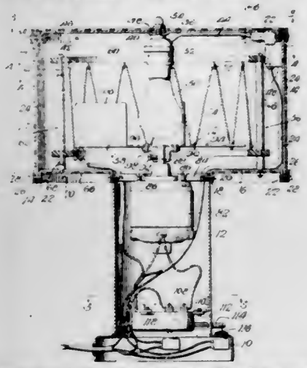
1. The process of treating a mixture of oil and water which comprises: maintaining a body of a saline solution of sodium chloride containing a zone of finely divided contact material, flowing a stream of undissociated emulsified oil and saline water through said body to effect coalescence of said water with said solution, and separating the coalesced water after passage through said zone; said saline solution being of the same character as and of a higher concentration than said water.

2,133,187
KEY FOR LOCKS
Charles William Cheney, Soho, Birmingham, England
Application September 8, 1937, Serial No. 162,847
In Great Britain August 13, 1936
4 Claims. (Cl. 70—404)



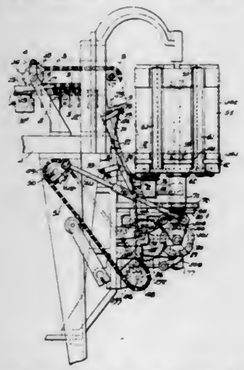
1. A lock key of the character described, formed from a single sheet metal blank having similar halves by folding the blank longitudinally upon itself and securing the halves together, each of said halves comprising a finger piece portion and a shank portion, the shank portions of the two halves being disposed in the blank on a common longitudinal axis and being joined integrally at their ends.

2,133,188
COMBINATION LAMP, HEATER, AND FAN
Samuel Salvatore Conforti, Kenosha, Wis., assignor of one-half to Sante Di Antoni, Kenosha, Wis.
Application August 18, 1937, Serial No. 159,783
3 Claims. (Cl. 219—39)



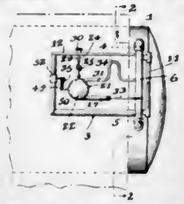
1. A device of the type described comprising a base and a hollow column, a perforated shade mounted on said column, a frame mounted inside the shade, a heating element carried by said frame, a motor mounted inside the column, a fan located inside the heating element and operatively connected with said motor, said fan rotating about the axis of the column and including vertical blades, and an electric lamp depending from the top of the shade and positioned between the vertical blades.

2,133,189
ARTICLE COUNTING AND STACKING MECHANISM
John T. Dalton, Durham, N. C., assignor to Wright-Dalton Machinery Company, Durham, N. C., a corporation of North Carolina
Original application April 12, 1935, Serial No. 16,092. Divided and this application April 13, 1936, Serial No. 74,220
20 Claims. (Cl. 93—93)



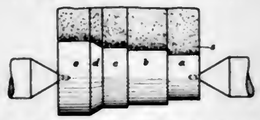
1. In a mechanism of the class described, the combination of means for feeding envelopes in succession, an upright rotatable magazine having a plurality of vertical chambers to receive the envelopes at their lower ends, means for introducing the envelopes successively into the lower end of one or another of the chambers of the magazine, and means controlled according to the presence or absence of an envelope for counting the number of envelopes introduced into each chamber of the magazine by the envelope introducing means.

2,133,190
LIQUID LEVEL CONTROL APPARATUS
Noel L. Dalton, Wewoka, Okla.
Application September 28, 1936, Serial No. 103,048
9 Claims. (Cl. 137—68)



1. In a liquid level control apparatus, a resiliently suspended vertically movable container for receiving a body of liquid and having its movement controlled by the varying of the level of the liquid received thereby, stationary supporting means in which said container is arranged and to which the container is attached, said means having a portion thereof for communication with a point above and a point below the level of the liquid source from which the liquid is supplied to the container superposed communicating means leading from above and below the level of the body of the liquid within said container to said portion, a fluid pressure conducting line extended through said supporting means and adapted to lead to a feed controlling means for supplying liquid to said source, a stationary pilot valve assembly interposed in said line and including an adjustable vent member, an adjustable leak valve and a valve controlling said member, and means extended laterally from and bodily movable with said container for controlling said assembly on the varying of the level of the liquid within the container.

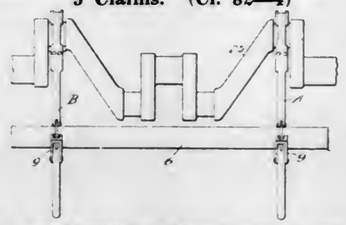
2,133,191
DEVICE FOR DRESSING GRINDING WHEELS
Hermann Danner, Stuttgart, Germany, assignor to the firm Fortuna-Werke Spezialmaschinenfabrik Aktiengesellschaft, Stuttgart-Cannstatt, Germany
Application August 20, 1937, Serial No. 160,183
In Germany April 6, 1936
12 Claims. (Cl. 125—11)



1. A machine for dressing shouldered profiled grinding wheels, comprising a fixed frame, a template carried by said frame, a dressing tool holder mounted for movement upon said frame, a guiding member carried by said tool holder and in engagement with the template for guiding and controlling the tool holder and its dressing tool during the dressing operation, hydraulic mechanism for reciprocating said tool holder for feeding the tool over the work, and a control member also mounted on said tool holder and in cooperative relation with the hydraulic mechanism for stopping the feeding movement of said tool, said control member movable with said tool holder to permit the desired feeding movement

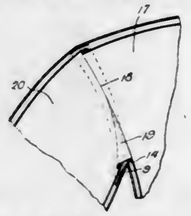
of the tool and thereafter effecting interruption of the fluid pressure to said hydraulic mechanism when the guiding member reaches a predetermined point on the template.

2,133,192
CRANKSHAFT DRESSING TOOL
Edward A. Foster, Borger, Tex.
Application August 9, 1937, Serial No. 158,195
5 Claims. (Cl. 82—4)



1. A crank shaft dressing tool comprising a cutting element adapted to be applied on a worn bearing portion of a crank shaft, a guide element adapted to be applied to a companion bearing portion to the bearing portion on which the cutting element is adapted, and means for rigidly connecting said elements whereby said guide and cutting elements will be caused to move in unison during the rotation thereof in relation to the bearing portions of the crank shaft, said guide element following the curvature of the bearing portion to which it is adapted for bringing about movement of the cutting element in a like path to dress the bearing portion on which it is adapted.

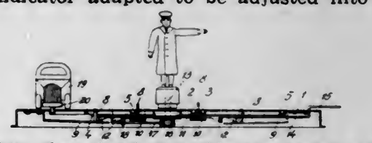
2,133,193
COAT CONSTRUCTION
Hugo Gemignani, Baltimore, Md.
Application May 19, 1938, Serial No. 208,916
2 Claims. (Cl. 2—93)



1. In a coat, a body portion cut to form an armhole and creased at the lower part of the armhole to form a crescent-shaped, outwardly directed fold integral with said body portion and with its widest part extending downwardly toward the back of said body portion, and a sleeve stitched to the free edge of said fold and to the curved edges of the armhole extending from the opposite ends of the crease formed by said fold.

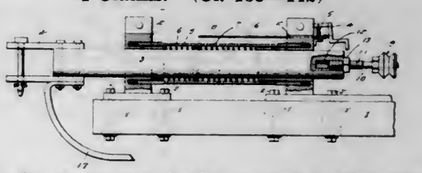
2,133,194
TOY
Ernst Horn, Nuremberg, Germany
Application April 9, 1938, Serial No. 201,148
In Germany March 1, 1938
6 Claims. (Cl. 46—210)

1. A traffic toy of the character described, said toy having crossing streets consisting of guide-grooves, stopping devices adapted to stop a toy vehicle travelling on one of said streets or guide-grooves at the crossings thereof, control means for said stopping devices, and a direction indicator co-operative with said control means, said direction indicator adapted to be adjusted into the



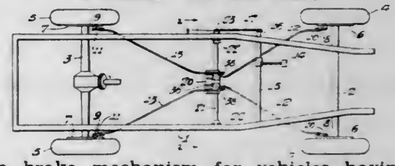
direction of a street or guide-groove at a time free for passage of said vehicle.

2,133,195
AUTOMATIC BRAKE CONTROL TRAILER HITCH
Arthur W. Howard, Monon, Ind.
Application June 4, 1937, Serial No. 146,515
4 Claims. (Cl. 188—142)



1. An automatic brake control trailer hitch comprising spaced supporting members adjustably mounted on a fixed member of a trailer, a shaft slidably supported by said members, a clevis for connecting said shaft to a towing vehicle, a collar secured on said shaft, coil springs engaging opposite sides of the collar and having seated engagement with said supporting members, and means for connecting the shaft to a master piston of a hydraulic brake system of the trailer.

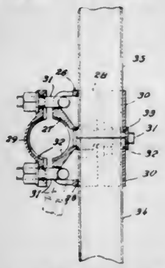
2,133,196
HYDRAULIC EQUALIZER FOR VEHICLE BRAKES
James Edward Hulse, Durham, N. C., assignor of one-fourth to Wright's Automatic Tobacco Packing Machine Company, Durham, N. C., a corporation of West Virginia
Application August 20, 1936, Serial No. 97,067
1 Claim. (Cl. 188—204)



In brake mechanism for vehicles having a frame embodying side members, front and rear wheel brakes, an operating member and a plurality of brake actuating members operative thereby to operate the front and rear wheel brakes, the combination of a shaft, bearing brackets at the ends of said shaft and attachable to the respective side members of the frame for rotatably mounting said shaft in the vehicle to extend continuously between the side members of the frame thereof, means for connecting the operating member to said shaft for rotating it, a fluid containing member mounted on said shaft between said bearing brackets and connected to said shaft for rotation therewith, said member having a series of intercommunicating cylinders arranged in a row parallel to said shaft, a plurality of equalizing members mounted in a row on said shaft between said bearing brackets to rotate independently thereon and having means for connecting them to the respective brake actuating members, pistons arranged in a single row

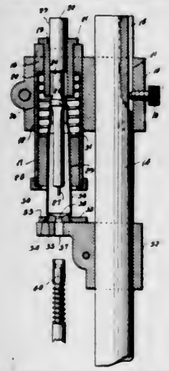
parallel to said shaft, said pistons being mounted in the respective cylinders and subject in common to pressure applied to the fluid in said fluid containing member, and means pivotally connecting said pistons to the respective equalizing members.

2,133,197
DEVICE FOR UNITING TUBES OF METALLIC STRUCTURES
Ferdinando Innocenti, Rome, Italy
Application December 1, 1936, Serial No. 113,747
In Italy February 8, 1936
1 Claim. (Cl. 189—36)



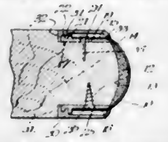
A device for coupling tubular elements comprising, a body member having two half sleeve portions, each half sleeve portion being adapted to partly surround one of the tubular elements to be joined, said half sleeve portions each having a circumferentially extending groove into which a flange of the respective tubular element is adapted to be arranged, a third half sleeve member having a circumferentially extending groove therein adapted to partly embrace one of the tubular elements adjacent one of the first mentioned half sleeve portions and removably secured to the body member, and a fourth half sleeve member having a circumferentially extending groove therein adapted to partly surround the other of the tubular elements adjacent the other of the first mentioned half sleeve portions and removably secured to the body member.

2,133,198
TOOL FOR RELOADING FIRED OR EMPTY CARTRIDGE CASES
Robert L. Jayne, Auburn Township, Susquehanna County, Pa.
Application November 19, 1936, Serial No. 111,729
2 Claims. (Cl. 86—23)



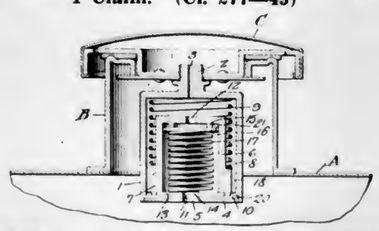
1. A device of the class described comprising a support, a shaft associated therewith, an anvil on said shaft slidable relatively to said support and adapted to mount a case, a cylinder carried by the support in parallelism to the shaft, a tubular resizing die disposed adjacent the upper portion of the cylinder, a floating bushing within the cylinder having a tapered bore fitted by a portion of the case intermediate the ends of the case, and an expanding element depending from the resizing die, the shell being operated on by the die and expanding element through movement of the shell in opposite directions, and the bushing floating with the shell and stabilizing the shell during all operations.

2,133,199
FABRIC CLAMPING MEANS
Fred W. Kammerer, New York, N. Y.
Application August 20, 1936, Serial No. 97,084
16 Claims. (Cl. 20—69)



1. Means for clamping a membrane in place upon a base, comprising a pair of elongated rigid metal plates, one of said plates having a rib on the surface thereof facing the other plate, and the other plate being provided with a groove facing said rib and being adapted to receive and mate with the same, said plates having cooperating gripping surfaces along their adjacent margins, spaced from said rib and groove, and means independent of said rib and groove and of said gripping surfaces and extending through said plates for drawing said plates together to clamp a membrane between said gripping surfaces, said rib and groove serving to prevent relative lateral movement of the plates independently of said means for drawing the plates together.

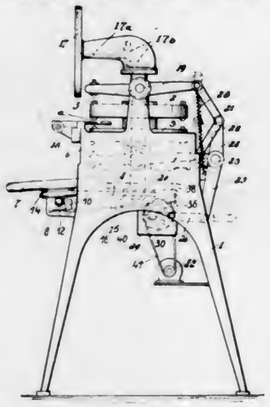
2,133,200
VALVE
Christian H. Kenneweg, Millvale, Pa.
Application August 31, 1936, Serial No. 98,794
1 Claim. (Cl. 277—45)



A valve for fuel tanks comprising a cylindrical housing closed at one end and having an internal annular shoulder at the opposite open end thereof, a nipple carried by said closed end and provided with a bore communicating with the interior of the housing, a closure disk held against said internal annular shoulder provided with an axial opening, the open end of said housing being crimped against said closure to hold said closure against said shoulder, a cylindrical body provided with peripheral ribs slidably engaging the interior of said housing, said body having an end wall confronting the closed end of said housing provided with an axial opening, an annular valve seat on the inner side of said end wall

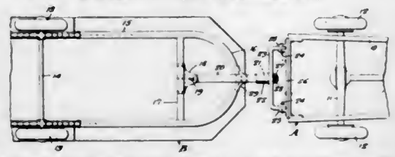
about the opening therein, an apertured closure plate on the other end of said body, a flat valve engageable on said seat provided with marginal ribs slidably engaging the wall of said body, a spring between said body closure plate and said valve, a spring constantly holding said body against said closure disk, and a gasket between said closure disk and the adjacent end of said body.

2,133,201
MACHINE FOR EMBOSSING SHEET-METAL PRINTING PLATES
Joseph Krell, Berlin-Zehlendorf, Germany
Application November 30, 1937, Serial No. 177,372
In Germany December 9, 1936
6 Claims. (Cl. 197—6.7)



1. In a machine for embossing sheet-metal printing plates, a driving shaft, a pair of rotary type wheels, punch members in one, and matrix members in the other wheel, means for holding a printing plate between the members, mechanism for operating the members, a clutch for connecting the driving shaft to the mechanism, a hand wheel for adjusting the type wheels, a tiltable bearing for the hand wheel, a gear wheel connected to the type wheels, a pawl adapted to engage in the gear wheel and operatively connected to the tilting bearing, and a member on the pawl for controlling the clutch.

2,133,202
TRAILER HITCH
Elmer G. Lantz, Salem, Oreg.
Application April 7, 1937, Serial No. 135,594
1 Claim. (Cl. 280—33.44)



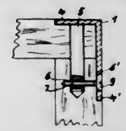
A trailer hitch for draft and trailer vehicles, each having a body and a chassis frame, comprising a horizontally disposed half-circular track formed from an I-shaped beam, the I-shaped beam providing a top and bottom flange fifth wheel, the top flange providing a bearing for the body of one vehicle, a drawbar pivoted centrally with respect to said track for horizontal swinging movement below the same and contacting with the lowermost flange of said beam, a slide shoe fixed to the top of said drawbar and overlapping the bottom flange of said beam for holding the bar slidably connected with the track, a substantially U-shaped yoke pivoted to the other chassis frame for vertical swinging movement, a centrally perforated boss formed on said yoke at the center thereof, a reduced extension fitting said boss and swiveled therein, and a separable coupling for said drawbar and permanently fixed to the chassis frame having the tracks.

2,133,203
METHOD OF PROMOTING THE GROWTH AND ACTIVITY OF MICROORGANISMS
Paul Liebesny and Hugo Wertheim, Vienna, Austria
No Drawing. Application July 11, 1935, Serial No. 30,934. In Austria July 12, 1934
10 Claims. (Cl. 195—46)

1. A method of promoting the growth and activity of micro-organisms, which consists in irradiating the micro-organism to be influenced on a nutritive foundation in a condenser field from 4 meters to 15 m. wave length in several periods, causing the thus irradiated material to develop in a series of 3 to 8 cultures obtained by consecutive inoculation on to fresh substrates, irradiating at least one culture selected from the said series likewise in a condenser field ranging from 4 meters to 15 m. wave length, and cooling during said irradiations to such an extent that the optimal cultivation temperature is not exceeded.

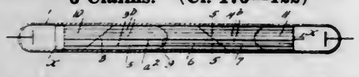
7. A method of increasing the yield of fermentation products in the manufacturing of butyl alcohol and acetone, which consists in irradiating cultures of acetone-butyl alcoholic fermentation organisms of the type of *clostridium butyricum* and the like, on a nutritive foundation in a condenser field ranging from 56 cm. to 15 m. wave length in several periods, and causing the irradiated material to develop in a series of 2 to 6 cultures obtained by consecutive inoculation on to fresh substrates, while apart from the first culture at least two cultures selected from the said series of consecutively inoculated cultures are irradiated in the same way as the first culture, while maintaining the irradiated cultures at a temperature below 30° C.

2,133,204
FASTENER
Ella Max, Paris, France
Application June 16, 1937, Serial No. 148,623
In Austria June 20, 1936
2 Claims. (Cl. 20—92)



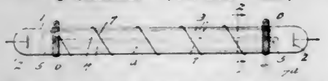
1. A fastener for the detachable joining together of wooden structural elements, more particularly in furniture, comprising a length of angle section material adapted to be applied to the outside of a right angle butt joint, at least one dowel pin rigidly attached to the inside of one of the flanges of said section and extending parallel to the other flange of said section, the outer end portion of said dowel pin and the said flange disposed parallel to said pin being transversely drilled with holes in alignment with each other, and an anchoring element adapted to fit the said holes and to extend therethrough and through the intervening portion of said structural elements when assembled.

2,133,205
ANIMATED ELECTRICAL DISCHARGE DEVICE
John H. McCauley, Hillside, N. J.
Application August 19, 1936, Serial No. 96,879
6 Claims. (Cl. 176—122)



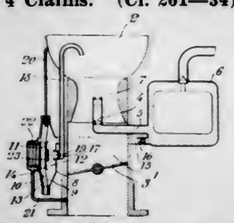
1. A luminous electrical discharge device comprising a closed glass envelope containing a rare gas and spaced electrodes of solid material, and a filler of insulating material between said electrodes, said filler composed of contiguous sections, each section fitting closely within the envelope and having a plurality of passageways for the electrical discharge and the sections having their abutting ends formed to interfit and bring the passageways in the several sections into substantial registry with one another when the filler is inserted in the envelope.

2,133,206
ELECTRICAL DISCHARGE DEVICE
John H. McCauley, Hillside, N. J.
Application December 31, 1936, Serial No. 118,647
6 Claims. (Cl. 176—122)



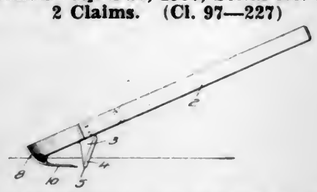
1. A luminous electrical discharge device comprising a closed glass envelope containing a rare gas and spaced electrodes of solid material and a filler of insulating material within that part of the envelope which lies between said electrodes, said filler affording a plurality of paths for the electric discharge, and electrically conductive material extending spirally about that portion of the envelope containing the filler.

2,133,207
DIAPHRAGM PUMP
André Louis Mennesson, Neuilly-sur-Seine, France, assignor to Société Anonyme Solex, Neuilly-sur-Seine, (Seine) France, a society of France
Application May 5, 1937, Serial No. 140,992
In France May 12, 1936
4 Claims. (Cl. 261—34)



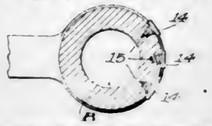
1. In a carburetor having an air passage and a throttle valve therein, an accelerating pump comprising two spaced diaphragms, means at the peripheries of said diaphragms to exclude fuel from the space therebetween, means rigidly connecting the central portions of said diaphragms, housings cooperating with the exterior surfaces of said diaphragms to form two chambers, means for conducting fuel to one of said chambers, means for conducting fuel from said first chamber to said air passage, means connecting the other chamber to the air passage on the downstream side of the throttle valve, a spring in said second chamber acting on the outside of the diaphragm forming a part of the chamber, and means connecting the space between said diaphragms to a point of substantially atmospheric pressure.

2,133,208
LAWN TOOL
Edward A. Nellis, Dayton, Ohio
Application April 20, 1937, Serial No. 138,010
2 Claims. (Cl. 97—227)



1. A lawn trimmer comprising a handle, a head including an elongated shank secured to the handle, a substantially triangular shaped blade depending from the shank at its juncture with the handle and having a beveled forward cutting edge directed at a rearward inclination, said triangular shaped blade having a beveled lower apex portion providing a cutting edge disposed at an angle to the forward cutting edge thereof, a laterally directed body formed on the outer end of the shank and directed rearwardly at an inclination, a blade extending at a forward inclination from the body for disposal laterally of and at right angles with respect to the first blade and the second blade having a beveled lower cutting edge terminating in spaced relation with respect to the lower edge of the first blade and in a plane above the same.

2,133,209
METHOD OF ORNAMENTING PIPE BOWLS AND THE LIKE
Henry W. Peters, West Roxbury, Mass.
Application September 10, 1936, Serial No. 100,189
3 Claims. (Cl. 41—35)



1. The method of applying ornamentation to the curved surface of an object which includes the step of marking said surface, recessing the surface at the marked point, threading the recess, inserting in the recess a threaded stud extending from the head of the ornamentation and then burnishing the ornamentation to conform to the curved surface of the object and hold the stud against rotation in the recess in which it is seated.

2,133,210
METHOD OF MAKING HYDROGEN PEROXIDE FROM PERSALTS
Heinrich Schmidt, Walddorf, Germany, assignor to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
No Drawing. Application June 19, 1936, Serial No. 86,193. In Germany June 22, 1935
7 Claims. (Cl. 23—207)

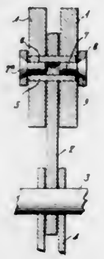
1. The steps in the method of distilling solutions containing persalts obtained by electrolytic oxidation to obtain hydrogen peroxide therefrom in a cyclic process which comprises distilling said solution and interrupting the distillation before the maximum yield of hydrogen peroxide is obtained therefrom and while there is an appreciable amount of persalt remaining in the solution undecomposed, treating the residual liquor to obtain at least a portion of the persalt remaining therein in solid form, separating the persalt from the solution, reoxidizing the residual solution by electrolysis, and thereafter distilling the reoxidized solution.

2,133,211
FEED TABLE FOR GRINDING MILLS
Charles F. Schutte, Buffalo, N. Y.
Application May 1, 1937, Serial No. 140,263
2 Claims. (Cl. 83—11)



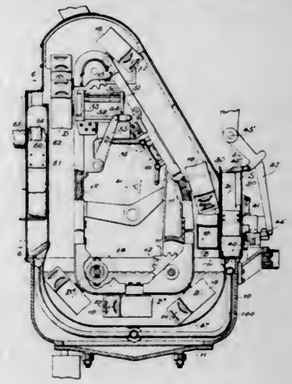
2. A separating feed table for grinding mills and the like comprising an inclined chute for cooperation with the feed entrance of the mill, said chute having upstanding side walls with an upper inclined bottom wall at the outer portion of the chute followed by a lower bottom wall similarly inclined and extending in a plane below the plane of the first bottom wall and to the inner end of the chute, a similarly inclined shelf extending in a plane between the planes of the two bottom walls of the chute, said shelf having one end adjacent to but spaced from the first bottom wall and having an upright wall extending upwardly from the other end thereof and forming therewith a separating pocket for receiving heavier objects as they pass down the chute, said upright wall being removably mounted whereby to permit direct passage over the shelf to the feed entrance upon removal of the upright wall.

2,133,212
HAMMER ASSEMBLY
Charles F. Schutte and Herman D. Schutte, Snyder, N. Y., assignors of one-fourth to Nellie D. Schutte, Snyder, N. Y.
Application January 24, 1938, Serial No. 186,719
4 Claims. (Cl. 83—11)



4. A hammer assembly of the class described comprising a swing arm and means for nonrotatably and detachably connecting a hammer having a plurality of impact faces to the outer end of the swing arm, said connecting means comprising a pin of angular transverse cross-section extending through registering openings corresponding to the cross-section of the pin in the swing arm and hammer, means for preventing endwise displacement of the pin in one direction and means for preventing endwise displacement of the pin in the opposite direction, said last-mentioned means comprising a screw axially threaded into the pin and having an enlarged clamping head and a collar surrounding said head and providing a countersunk seat for receiving the clamping head of said screw, said collar being of greater diameter than the maximum transverse dimension of the pin so as to completely cover an end of the pin.

2,133,213
METHOD OF COATING CONTAINERS
Henry T. Scott, Toledo, Ohio, assignor to The American Paper Bottle Company, Toledo, Ohio, a corporation of Ohio
Application October 16, 1934, Serial No. 748,563
4 Claims. (Cl. 91—70)

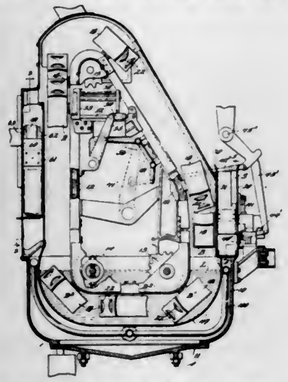


1. The method of coating the inside and outside surfaces of an empty paper container having a closed end and an open end, a flat bottom and flat side walls, which comprises introducing the container bottom end foremost into a bath of molten paraffin, moving the same, while immersed, in such manner that all wall surfaces thereof are successively disposed at angles to the vertical, and removing the same from the bath bottom end foremost.

2,133,214
COATING APPARATUS
Henry T. Scott, Toledo, Ohio, assignor to The American Paper Bottle Company, Toledo, Ohio, a corporation of Ohio
Original application October 16, 1934, Serial No. 748,563. Divided and this application October 29, 1936, Serial No. 108,258
12 Claims. (Cl. 91—46)

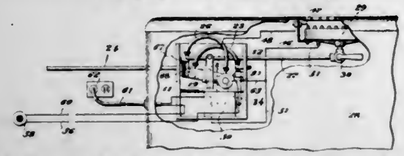
1. An apparatus for coating tubular flat sided paper containers comprising a closed compartment the lower portion of which constitutes a receptacle for a bath of molten coating material, heating means in said compartment above the surface of the paraffin, for maintaining the temperature of the atmosphere within the compartment higher than that at which the coating material solidifies, an endless chain within the compartment and guided to have an elongated vertical reach, and article carriers mounted on the chain and adapted to be submerged in the bath, carriers emerging from the bath being carried

upwardly along said vertical reach of the chain and through a heated atmosphere to a point of



discharge, whereby perfect drainage of the containers is realized.

2,133,215
BURNER-IGNITION APPARATUS
Henry L. Sneed, Waco, Tex.
Application May 15, 1937, Serial No. 142,919
5 Claims. (Cl. 175—115)



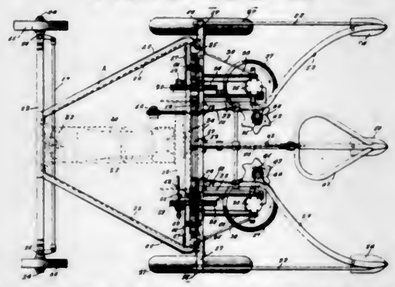
1. In combination, a fuel supply line delivering to a burner, valve means in said line and biased to open position, latch means normally engaging said valve means to hold same in closed position, electric spark igniting means at said burner, a circuit therefor, electrically operable latch release means, a circuit therefor, a remote control circuit closer common to both said circuits, a current supply source common to both circuits, and means engageable by said valve means during its operation to open the latch release means circuit and close the igniter circuit.

2,133,216
ESCAPEMENT
Edward E. Taliaferro, Jackson, Tenn.
Application March 7, 1936, Serial No. 67,707
16 Claims. (Cl. 58—123)



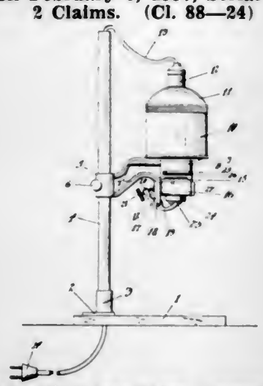
12. In a pendulum clock, an escapement comprising a verge of the type disclosed, a toothed scape wheel in which the active faces of the teeth are substantially radial, characterized by the teeth being arranged in zigzag relation as the wheel is viewed edgewise whereby the total area of each wearing surface on the verge is greater than that acted on by a single tooth.

2,133,217
WINDROWING MACHINE
Samuel A. Thornton, Jeanerette, La.
Application January 31, 1938, Serial No. 187,944
8 Claims. (Cl. 56—15)



1. A machine of the kind described comprising a chassis, steering wheels supported rearwardly of said chassis, driving wheels forwardly of said chassis, an axle housing between said driving wheels, uprights on said chassis and supporting said housing, a power unit carried in the chassis, axles within said housing and having differential gearing connections with the power unit, stud axles carrying said driving wheels, gear connections between the axles, rotatable cutters vertically adjustable forwardly of the chassis and operating on vertical axis, vertically swinging lifter arms outwardly with respect to said cutters and forwardly of said chassis, rotatable kickers associated with said cutters and located inwardly with respect thereto, antennae associated with the lift arms, and a wind-row bow arranged medially with respect to the arms forwardly of said chassis.

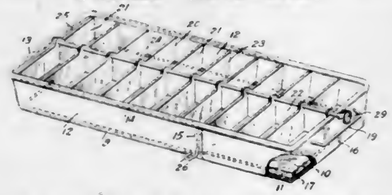
2,133,218
PHOTOGRAPHIC ENLARGER
Charles Albert Verschoor, Ann Arbor, Mich., assignor to International Radio Corporation, Ann Arbor, Mich.
Application February 6, 1937, Serial No. 124,366
2 Claims. (Cl. 88—24)



1. An enlarging apparatus comprising a supporting stand, a lamp housing and holder adjustable thereon, means for removably securing a photographic camera to said holder with the lens thereof in position for image projection, and means for adjusting the focus of said lens, said means comprising a pivoted arm having means engaging the lens mount, said arm having an adjusting screw at one end engageable with a fixed part of said holder and separated fingers at its opposite end engaging on each side of said

lens, said lens being resiliently mounted in said camera and normally urged outwardly against said fingers.

2,133,219
ICE CUBE FREEZING TRAY
Bernard N. Waldenmeyer, Detroit, Mich.
Application June 15, 1937, Serial No. 148,371
4 Claims. (Cl. 62—108.5)



1. A freezing tray including flexible walls and a bottom, the bottom being disconnected from the walls at the front of the tray, and means reinforcing the walls and the bottom at localized portions thereof to permit the front of the tray being rocked downward below the bottom.

2,133,220
RIVET AND BURR
Franklin R. White, Waterbury, Conn., assignor to The Patent Button Company, Waterbury, Conn., a corporation of Connecticut
Application January 20, 1936, Serial No. 59,941
2 Claims. (Cl. 85—40)



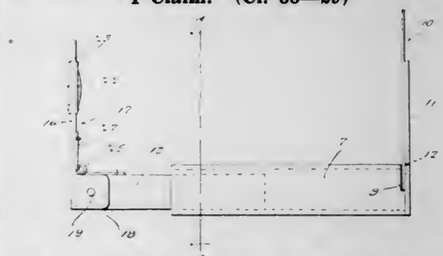
1. As an article of manufacture, a rivet and burr, said burr formed of relatively soft thin metal including an upper plate and a central depending restricted hub, the mouth of the hub being flared outwardly and the metal at the mouth being turned inwardly and pressed back against the wall of the hub and extending just over the edge forming a relatively smooth cutting edge, said rivet adapted to be forced into said burr and be deformed in the burr, the mouth of the hub being slightly larger than the diameter of the base of the prong of the rivet.

2,133,221
CROCHET RING
Robert G. White, Dayton, Ohio
Application April 23, 1937, Serial No. 138,654
1 Claim. (Cl. 242—157)



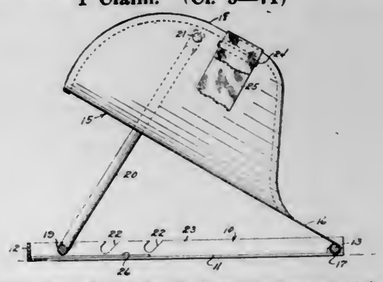
A crochet ring having a plurality of enlargements with holes extending therethrough approximately paralleling the curvature of the ring, and inwardly extending recesses between the enlargements over which the yarn passed through the holes is exposed to the surface of the ring, the holes substantially triangular in cross-section and slit through to the outer surface of the enlargements providing inwardly projecting flanking lips on each side of the slit.

2,133,222
COLLAPSIBLE STEREOSCOPE
John J. Zwald, Emporium, Pa.
Application December 15, 1937, Serial No. 180,023
1 Claim. (Cl. 88—29)



A collapsible stereoscope comprising a casing fully open at the front thereof and having aligning slots formed in side and top walls adjacent the other end thereof to provide a kerf to receive stereoscopic pictures, a backing panel hinged on the last-named end of the casing to be positioned to overlie the kerf and to extend vertically therefrom to cooperate therewith in supporting the stereoscopic pictures, a hollow slide mounted in the casing for sliding inwardly and outwardly thereof by way of the open front of said casing, a lens supporting panel including ears at opposite edges thereof and adjacent one end and pivoted on opposite sides of the slide and adjacent one end thereof whereby the lens panel may be swung to lie on the top wall of the slide for movement into and out of the casing with the slide and to assume a vertical position outwardly of the casing to parallel the first-named panel when the latter is positioned for aiding in the supporting of the stereoscopic pictures, spring means between said lens panel and the top wall of the slide to urge said lens panel to assume a vertical position when disposed outwardly of the casing, said lens panel having lens openings and a nose notch opening outwardly through the hinged edge thereof, and lenses mounted in the lens openings.

2,133,223
ADJUSTABLE BACK SUPPORT
Paul Brightman, Oteen, and George C. Stewart, Asheville, N. C.; said Brightman assignor to said Stewart
Application May 28, 1937, Serial No. 145,368
1 Claim. (Cl. 5—71)



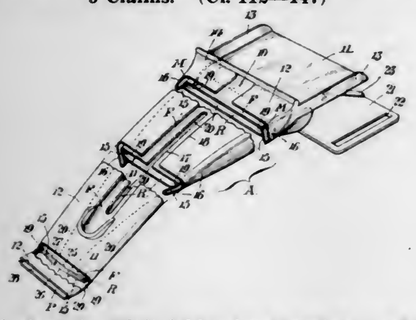
A support of the kind described comprising a substantially U-shaped base frame closed at one end and open at the other, upstanding flanges

formed on said frame at opposite sides of the open end therein, a pivot bar bridging the open end of said frame and having opposite ends fixed thereto, the said flanges being provided with rearwardly inclined notches with respect to the open end of the frame, a back rest having upwardly curved sides terminating short of the lower end thereof, and having a pintle sleeve at the said lower end, spaced inwardly of the sides and loosely receiving the pivot bar, and a U-shaped prop selectively engageable in the notches and pivoted to the sides of said back rest.

2,133,224
TREATMENT OF LEATHER
Charles H. Campbell, Kent, Ohio
No Drawing. Application April 16, 1937, Serial No. 137,367
4 Claims. (Cl. 149—6)

1. A process for the treatment of leather, which comprises impregnating the leather with a base oil which essentially consists of a distillation of oil from coal products at temperatures ranging from 200° C. to 280° C., carrying less than ten percent naphthalene and treated to remove gases and eliminate odor and remove solid particles to eliminate color.

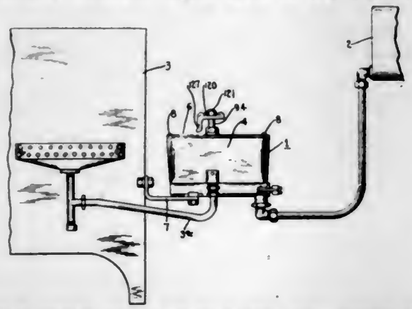
2,133,225
FOLDER
William D. Goodwin, Glen Ellyn, Ill., assignor to Union Special Machine Company, Chicago, Ill., a corporation of Illinois
Application July 2, 1937, Serial No. 151,616
5 Claims. (Cl. 112—147)



1. A center plait folder for a sewing machine comprising a guideway for a center plait strip including an inner wall at one side of said strip and an outer wall spaced from said inner wall and embracing the edges of said inner wall, with portions at both sides of the latter, for infolding the margins of the center plait strip toward and substantially parallel with the intermediate portion thereof; and a further guideway forming a prolongation of the aforesaid outer wall beyond the inner wall for transmitting the thus folded center plait strip, without any portion of the folder structure intervening between its infolded margins and its intermediate portion.

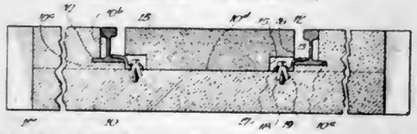
2,133,226
CONTROL DEVICE
Albert G. Hann, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan
Application January 29, 1935, Serial No. 3,905
17 Claims. (Cl. 137—68)

1. In a device of the character described, a casing having a chamber for liquid and a valve port therefor, a valve for controlling said port, a float operable in response to changes in liquid level for actuating said valve to maintain a substantially constant liquid level in the chamber,



toggle means normally arranged past center and operable when released to move farther past center to actuate said valve, and a second float operable when the level of the liquid rises above said substantially constant level for releasing said toggle means.

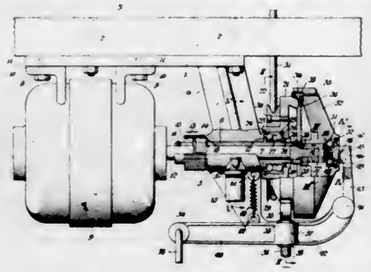
2,133,227
RAILWAY ROADBED
Pete Jarnowski, Chicago, Ill.
Application February 1, 1938, Serial No. 188,120
10 Claims. (Cl. 238—7)



10. A roadbed for railway tracks, comprising a concrete base longitudinally recessed in its upper surface, said recess being of a size and shape to seat the rails so that the outer sides of the heads thereof abut the sides of the recess, and a filler slab in said recess, the upper surface of said slab being flush with the upper surface of the rail heads, the end surfaces of said slab being in abutting relation with the inner edges of the inner base flanges of said rails to maintain said rails in position in said recess and provide a groove above the base flange between the inner side surfaces of the rail heads and webs and the end surfaces of said slab.

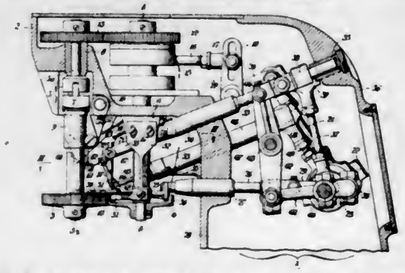
2,133,228
POWER TRANSMITTER
Harold J. Le Vesconte, Western Springs, Ill., assignor to Union Special Machine Company, Chicago, Ill., a corporation of Illinois
Application June 29, 1935, Serial No. 29,013
7 Claims. (Cl. 192—17)

7. A power transmitter unit comprising a bracket arm with a bearing for a transmission shaft; a driven clutch member with a belt wheel rotatively free on and buttressed against end thrust by the transmission shaft bearing; a driving clutch member having a splined connection with said transmission shaft beyond the driven clutch member; and control means for shifting the driving clutch member into and out of engagement with the driven clutch member, said control means including a lever fulcrumed on the bracket arm and connected to the driving clutch member, a brake shoe on the lever, and yielding means influential upon the lever to normally maintain the brake shoe engaged with the



driven clutch member and the driving clutch member disengaged from said driven clutch member.

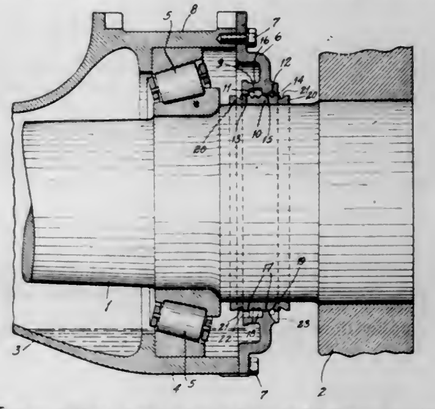
2,133,229
SEWING MACHINE
Charles F. Rubel, Chicago, Ill., assignor to Union Special Machine Company, Chicago, Ill., a corporation of Illinois
Application May 21, 1936, Serial No. 80,943
16 Claims. (Cl. 112—16)



1. In a sewing machine, a pair of feed cups for advancing between them a number of fabric edges which are to be united; a reciprocating needle; a cooperating thread carrying looper for engaging the thread of the needle and drawing loops therefrom, said looper having oscillatory movement crosswise of the needle as well as bodily movement in the direction of the needle; and a supplemental thread-carrying looper confined to oscillatory movement crosswise of the needle to cooperate with said needle and the first mentioned looper.

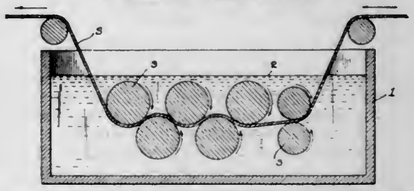
2,133,230
AXLE BEARING SEAL
Walter C. Sanders, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
Application August 12, 1937, Serial No. 158,672
1 Claim. (Cl. 286—5)

An axle bearing seal construction comprising an axle, a stationary housing, a closure ring for said housing having an axially extending tubular inner peripheral portion, said tubular portion having two annular recesses around its bore, cylindrical end portions and a cylindrical middle portion, and a sleeve on said axle cooperating with said tubular portion, the ends of said sleeve extending beyond said tubular portion, each end of said sleeve having an angular groove in its outer periphery facing away from the end of said tubular portion, said sleeve having cylindrical portions closely encircled by the respective cylindrical portions of said tubular portion of said ring and also having annular peripheral grooves communicating with the respective grooves of said tubular portion, said tubular portion of said ring also having slots in the ends of its lowermost portion, one for returning to the bearing housing



lubricant that may creep along said sleeve to the groove disposed nearer the housing and the other for returning to the outside water that may work its way along said sleeve to the groove nearer the outside.

2,133,231
METHOD OF PICKLING METAL
Nathan H. Schermer, Detroit, Mich.
Application October 19, 1936, Serial No. 106,365
1 Claim. (Cl. 148—8)

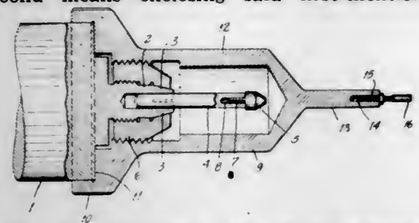


The method of pickling metal in strip form which comprises drawing said strip through a pickling solution, flexing it in one direction, then flexing it in a reverse direction from the first direction and then flexing it in the first direction and repeatedly flexing portions of said strip in such manner while it is immersed, said flexing being sufficient in extent to break the scale on said strip and permit wetting of the bared base metal by the solution.

2,133,232
ATTACHMENT FOR GRINDING MACHINES
Ray D. Streby, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
Application February 21, 1938, Serial No. 191,613
5 Claims. (Cl. 51—168)

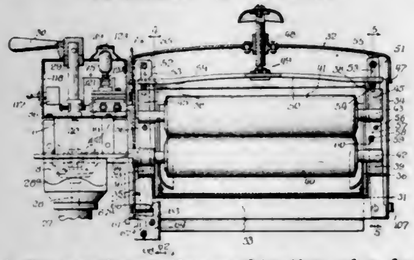
1. The combination with a spindle having means adapted to hold a grinding wheel in axial alinement therewith, said means including a nut with screw threads on both its inner and outer surfaces, of a second means for holding another grinding wheel in axial alinement with said spindle, said second means comprising an adapter sleeve which fits circumferentially around the end portion of the spindle and against the end face of the spindle and which has a screw thread

engaging the exterior thread of said nut, said second means enclosing said first-mentioned



wheel and supporting the second-mentioned wheel at its end.

2,133,233
LAUNDRY MACHINE
Walter K. Voss, Davenport, and Nicholas L. Etten, Waterloo, Iowa; said Etten assignor to said Voss
Application April 9, 1932, Serial No. 604,178
62 Claims. (Cl. 68—253)



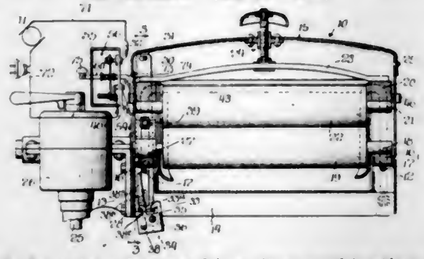
1. In a wringer, the combination of a frame having rolls mounted therein, means for holding said rolls in contiguous position, means including an electromagnet for controlling the holding means, a single instrumentality mounted for movement in opposite directions, and means operable by said instrumentality upon movement thereof in either direction to interrupt the circuit to said electromagnet whereby the roll holding means is released to free the rolls for separating movement.

4. In a wringer, the combination of a frame having rolls mounted therein, releasable means for holding said rolls in operative relation, means for driving said rolls including a clutch device, and means operatively controlled by said clutch device for rendering the roll holding means ineffective when the clutch device is thrown into engagement while the power of said driving means is disconnected.

34. In a wringer having a frame and spring means for exerting pressure upon the wringer rolls, latch means for releasably maintaining said spring means in pressure applying condition including a member pivotally mounted within said frame, said latch means being normally insufficient to resist the pressure exerted by the spring means, and holding mechanism engageable with said member to restrain said latch means against movement by said spring means.

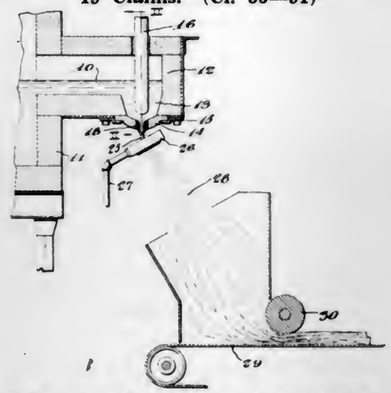
46. A wringer comprising, in combination, a set of rotary wringer rolls mounted for separating movement, means by which said rolls are releasably held in operative relation under spring pressure, and means for releasing said holding means to permit separation of said rolls, including an impact member extending lengthwise of and adjacent to the rolls, and two impact members extending crosswise of the rolls adjacent to the ends of the latter.

2,133,234
LAUNDRY MACHINE
Walter K. Voss, Davenport, Iowa
Application December 8, 1932, Serial No. 646,247
15 Claims. (Cl. 68—253)



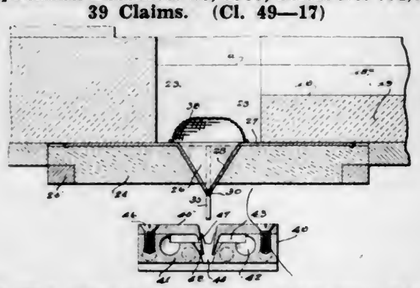
1. In a laundry machine, the combination of a wringer frame, rolls mounted therein, means for maintaining the rolls under operating pressure, safety release mechanism for relieving such pressure, actuators for said mechanism pivotally connected one to each side of said frame for movement toward and away from said frame and fashioned to extend along at least three sides of the space occupied by said rolls, said actuators being connected together for conjoint movement, a hook movable with said actuators, a prime mover for driving said rolls including a power circuit, a circuit breaker interposed in said circuit, a contact controller having a hook engageable with said first mentioned hook only when the circuit breaker is closed and the actuators are in the position assumed when the rolls are under pressure, spring means tending at all times to move said hook on said controller out of engagement with said first mentioned hook, and means for holding said first mentioned hook out of position for engagement by said hook on said controller as long as the safety release mechanism is inoperative.

2,133,235
METHOD AND APPARATUS FOR MAKING GLASS WOOL
Games Slayter, Newark, Ohio, assignor to Owens-Illinois Glass Company, a corporation of Ohio
Application November 11, 1933, Serial No. 697,618
Renewed January 9, 1937
19 Claims. (Cl. 83—91)



1. The method of reducing a material to a fibrous condition which comprises flowing a stream from a molten supply body of the material, over a heated surface and thereby raising the temperature of the material above that of the molten supply body, causing the material to depart from said surface in a fluent condition, and applying to said fluent material a blast of gas by which the material is drawn out into fibers.

2,133,236
GLASS WOOL AND METHOD AND APPARATUS FOR MAKING SAME
Games Slayter and John H. Thomas, Newark, Ohio, assignors to Owens-Illinois Glass Company, a corporation of Ohio
Application December 26, 1933, Serial No. 704,028
39 Claims. (Cl. 49—17)



2. The method of producing glass wool which consists of subjecting a continuous flowing stream of molten glass to the drawing-out action of a non-disruptive gaseous stream of high velocity so as to produce a continuous glass filament of microscopic fineness.

25. A container for molten glass having an outlet opening extending through the floor thereof, the walls of said opening being downwardly convergent, linings of sheet metal covering said walls and converging downwardly to a meeting line below said walls and formed with outlet openings therethrough at said meeting line, and means for passing an electric current through said linings and raising the temperature thereof at said outlet openings.

2,133,237
TEXTILE MATERIAL
Games Slayter, Newark, Ohio, assignor to Owens-Illinois Glass Company, a corporation of Ohio
Application February 7, 1936, Serial No. 62,782
Renewed May 4, 1938
6 Claims. (Cl. 139—420)



1. In combination, fine attenuated glass fibers, and organic fibers intertwisted with said glass fibers to form a textile yarn, said yarn being dyed with a dye capable of adhering to and coloring the organic fibers but being incapable of substantially coloring the glass fibers, whereby a color effect is produced.

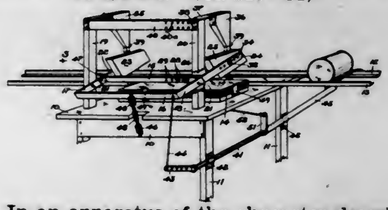
2,133,238
GLASS FABRIC
Games Slayter and John H. Thomas, Newark, Ohio, assignors to Owens-Illinois Glass Company, a corporation of Ohio
Application June 22, 1937, Serial No. 149,672
7 Claims. (Cl. 117—52)

1. A textile yarn composed of at least forty fine glass fibers having average diameters not more than about .0004 inch, the fibers of said yarn being twisted in order to produce a yarn of sub-



stantial flexibility, mass integrity, strength and stretchability to permit knotting without rupturing said yarn.

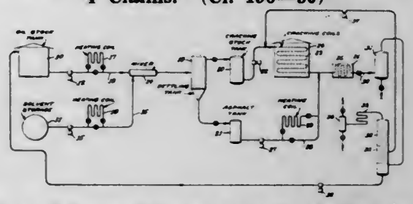
2,133,239
LABEL PASTING AND LIFTING APPARATUS
Paul Arndt, Los Angeles, Calif.
Application June 11, 1935, Serial No. 25,993
22 Claims. (Cl. 216—54)



7. In an apparatus of the character described, means for supporting labels in stacked form, an arm supported for swinging movement, a paste container having a label engaging side with openings therein through which paste is adapted to ooze, means yieldingly supporting said container on said arm to permit bodily movement thereof, and means acting on said arm to move said container onto the uppermost label of said stack for applying paste thereto, the removal of said container operating to lift said label.

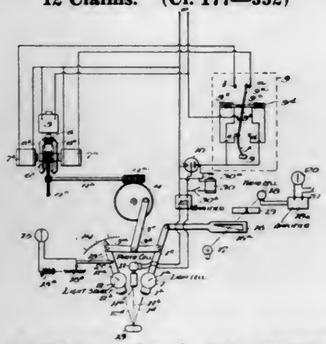
22. In an apparatus of the character described, means for supporting labels in stacked form, a label selecting device, means supporting said device for movement about a pivot disposed to one side of a plane including the outermost label of said stack, said selecting device including label engaging means adapted for action upon said outermost label to lift it in an arcuate path about said pivot.

2,133,240
TREATMENT OF HYDROCARBON OILS
Harold V. Atwell, White Plains, N. Y., assignor to Process Management Company, Inc., New York, N. Y., a corporation of Delaware
Application December 31, 1937, Serial No. 182,678
4 Claims. (Cl. 196—50)



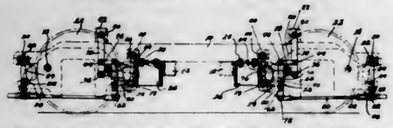
1. In the conversion of higher boiling hydrocarbon oil into lower boiling hydrocarbons, the process that comprises treating hydrocarbon oil with a liquefied normally gaseous hydrocarbon to thereby precipitate asphaltic material, passing the treated oil to a cracking zone wherein the oil is heated in a flowing stream to a cracking temperature and subjected to cracking, and introducing the asphaltic precipitate into said flowing stream of oil at a point therein at which the stream is at a cracking temperature to thereby subject the asphaltic material to cracking.

2,133,241
DISTANCE FINDER
Donald J. Baker, Pasadena, Calif., assignor of one-half to Loretta C. Baker, Pasadena, Calif., and one-half to Ben C. Brindley, Los Angeles, Calif.
Application September 14, 1935, Serial No. 40,653
Renewed August 9, 1938
12 Claims. (Cl. 177—352)



1. In a distance finder, the combination of wave sensitive means at one point for receiving radiant waves along a given line of observation, means for projecting a concentrated beam of radiant waves from another point to intersect the line of observation at a third point, means for periodically shifting the angular relation of one of said means to shift the point of intersection, and means controlled by said wave sensitive means upon receipt of radiant waves reflected from an object in the line of observation for stopping the operation of said shifting means.

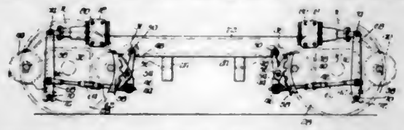
2,133,242
BRAKE ARRANGEMENT
Walter H. Baselt, Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application January 23, 1935, Serial No. 3,114
34 Claims. (Cl. 188—56)



1. In a truck, the combination of a truck frame having cross transoms, wheels associated with said truck, brake shoes on opposite sides of each wheel, brake cylinders carried on said truck frame adjacent to and substantially at right angles to said cross transoms, equalizing levers connected at an intermediate point to each of said brake cylinders and at their ends to pairs of levers fulcrumed on said truck frame, and operative connections between said pairs of fulcrum levers and said brake shoes.

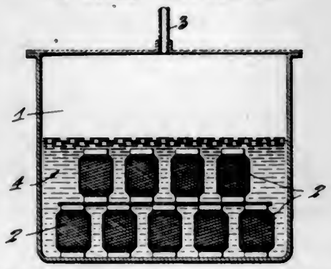
2,133,243
BRAKE ARRANGEMENT
Walter H. Baselt, Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application March 11, 1935, Serial No. 10,349
55 Claims. (Cl. 188—56)

1. In a brake arrangement, the combination of a truck frame, a wheel and axle assembly disposed in supporting relation thereto, brake beams disposed on opposite sides of the wheel, dead hanger levers pivotally connected adjacent the lower ends to said brake beams and pivoted adjacent the upper ends with respect to said frame, a brake head pivoted to each of said dead levers intermediate the ends of said levers, each of the brake heads having a shoe adapted to have braking cooperation with said wheel, a dead lever pivotally connected to one of said brake beams adjacent the lower end of said lever and pivoted



adjacent the upper end with respect to said frame, said lever being disposed on one side of the axle, a live lever disposed on the opposite side of said axle and having a connection to said last named dead lever intermediate the ends thereof, a pivotal connection between said live lever adjacent the lower end thereof and the other brake beam, an operating cylinder supported with respect to said frame and having a piston operatively connected to the upper end of said live lever.

2,133,244
PROCESS OF RECOVERING CARBON BISULPHIDE
Karl Baumert and Rudolph S. Bley, Elizabethton, Tenn., assignors to North American Rayon Corporation, New York, N. Y., a corporation of Delaware
Application March 29, 1935, Serial No. 13,790
6 Claims. (Cl. 18—54)



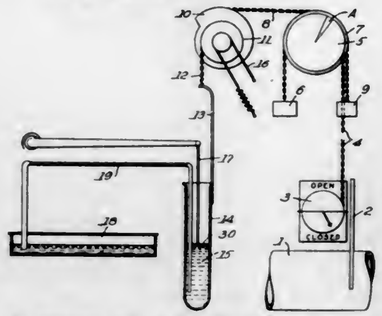
1. The process of recovering carbon bisulphide from a "green" viscose product which comprises evacuating said product before being washed to remove carbon bisulphide vapors therefrom and subsequently converting said vapors into liquid carbon bisulphide, said product being submerged during evacuation in a substantially isotonic solution chemically inert to regenerated cellulose and carbon bisulphide.

2,133,245
PROCESS OF MAKING CEMENTITIOUS COMPOSITION OF MATTER
Bryan F. Brice and Paul B. Brice, Cook County, Ill., assignors to Durable Materials Patent Corporation, Chicago, Ill., a corporation of Illinois
No Drawing. Application June 11, 1936, Serial No. 84,726
4 Claims. (Cl. 18—47.5)

1. The process of making molded cementitious bodies which consists in forming at ordinary atmospheric temperature an intimate admixture containing a cementitious base, an inert filler,

fibrous material, a resinous flux which reacts to substantial infusibility, water in an amount adequate to produce a plastic mix but not substantially in excess of the amount required to effect complete hydration of the cement, and a hygroscopic accelerating agent reactant with the cement hydrate to produce a hygroscopic reaction product, and subjecting a confined mass of such admixture to gradually increasing heat and pressure until any uncombined excess water is driven off the mass and said mass attains a final temperature not less than that at which the resinous flux reacts to substantial infusibility and is consolidated into a compact homogeneous non-hygroscopic solid in which the cementitious base is substantially completely hydrated at the conclusion of the pressing operation and substantially free from uncombined water and the resinous flux penetrates the voids in said cementitious base resulting from its hydration.

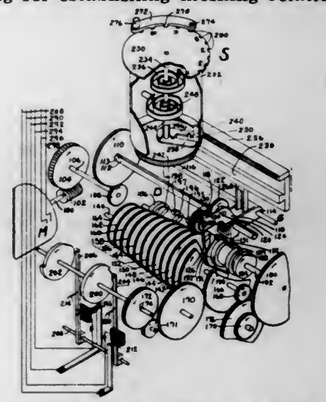
2,133,246
AUTOMATIC CONTROL OF VARIABLE PHYSICAL CHARACTERISTICS
Albert Callender, Winnington, Northwich, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
Application June 14, 1935, Serial No. 26,696
In Great Britain June 20, 1934
10 Claims. (Cl. 236—74)



1. A system for the automatic control of a variable physical characteristic, comprising an indicating member tracing the variations of the characteristic to be controlled, compensating means operable to maintain the desired value of the characteristic, electrical means, including contact means operated by said indicating member and movable contact means associated therewith, for controlling the operation of said compensating means, coupling means associated with said compensating means and said movable contact means whereby said movable contact means is caused to follow closely in stepwise manner, within predetermined limits, the movements of the indicating member, and slowly acting restoring means, operating independently of said compensating means, and arranged to restore said movable contact means to the particular predetermined position which corresponds to the desired value of the characteristic under control.

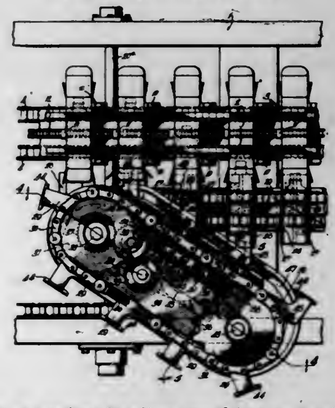
2,133,247
VARIABLE TIMER
Ernest Richard Freeberg, Moline, Ill., assignor to Eagle Signal Corporation, Moline, Ill., a corporation of Massachusetts
Application July 3, 1935, Serial No. 29,624
22 Claims. (Cl. 200—27)

5. In a variable timer; circuit controlling mechanism; change gear mechanism for causing operation of said controlling mechanism at any one of a plurality of diverse speeds, said gear mechanism comprising axially displaced gears of diverse sizes and a pinion movable lengthwise therealong for establishing meshing relationship



with various ones of said gears; driving means for said pinion; mechanism operable for preselecting the various aforesaid diverse speeds; shifting mechanism responsive to said selecting mechanism for establishing preselected speeds; and change delay mechanism for at times restraining lengthwise movement of said pinion.

2,133,248
CARTON LOADING MACHINE
Ruel Anderson Jones, Covington, Ky., assignor to The R. A. Jones & Company, Inc., Covington, Ky., a corporation of Kentucky
Application October 4, 1935, Serial No. 43,559
9 Claims. (Cl. 226—2)



1. In a carton loading machine, a continuously moving conveyor for conveying a plurality o cartons in a consecutive order, a continuously moving conveyor for conveying merchandise ir unison with the carton and in individual compartments in juxtaposition, each to a respective carton for adapting the merchandise to be pushed into the cartons, a continuously moving plunger conveyor, disposed at an elevation above the merchandise conveyor, a plurality of plungers in a consecutive order hingedly connecting with said plunger conveyor, the plungers for an active period translated progressively with and

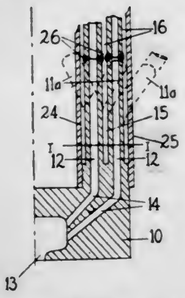
transversely across said merchandise conveyor, each traversing a respective compartment for engaging the merchandise therein and pushing the same into the carton, and a stationary guideway at an elevation over said merchandise conveyor for directing and sustaining the plungers for an active period projectingly from the conveyor, said guideway leading away from the path of travel of the cartons for abruptly retracting the plungers when the merchandise is fully inserted in the cartons.

2,133,249

HIGH PRESSURE HEAT EXCHANGER

Charles Phillips Kerr, Washington, D. C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application July 14, 1933, Serial No. 680,356
Renewed April 19, 1938
6 Claims. (Cl. 257—224)



1. In a device for imparting heat to fluids a header block comprising a plurality of annular rows of tube segments integral with the header block and containing gas passages, the height of the tube segments varying from the innermost to the outermost segment.

2,133,250

CHECK FOR CHECK CONTROLLED APPARATUS

Aaron A. Knee, Charlotte, N. C., assignor to Vanak Corporation, Charlotte, N. C., a corporation of North Carolina

Application January 14, 1937, Serial No. 120,490
2 Claims. (Cl. 194—4)



1. A check for use in a check controlled apparatus wherein a plurality of feelers are arranged in a circle for engaging one side of the check near its periphery, said check having a plane surface on each side thereof and each plane surface having a plurality of spaced depressions therein arranged near the periphery of the check in a circle whose center is the center of the check, the spaced depressions on one side of the check being disposed in a different radial plane from the depressions on the other side of the check.

2,133,251

CLARIFICATION AND PURIFICATION OF INDUSTRIAL ACID LIQUORS

Andrew T. McCord, Metuchen, N. J., assignor to National Lead Company, New York, N. Y., a corporation of New Jersey

No Drawing. Application October 6, 1937, Serial No. 167,529
12 Claims. (Cl. 23—165)

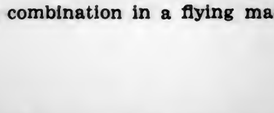
8. In a method of clarifying an industrial liquor containing a strong inorganic acid in sufficient quantity to coagulate organic colloids, the step which consists in adding to an acid liquor which has been previously treated with an organic colloid coagulating agent and which contains residual organic matter and decomposed colloid derived from the added organic colloid, an aqueous solution of a tanning material selected from the group consisting of polyhydroxy-benzoic acids and derivatives thereof in an amount substantially equivalent to that of the organic matter and decomposed colloid contained therein.

2,133,252

HANDLE FOR COOKING UTENSIL

Walter B. Moore, Coshocton, and Robert S. Cobb, West Lafayette, Ohio, assignors to The Moore Enameling & Manufacturing Company, West Lafayette, Ohio, a corporation of Ohio

Application October 26, 1936, Serial No. 107,556
4 Claims. (Cl. 53—8)



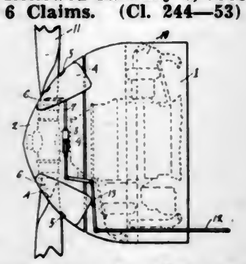
2. In combination, a pan or the like comprising a body portion made of metal, a stub of metal having its inner end welded to said body portion, said stub being substantially flat and projecting outwardly from the body portion of the pan, said stub being provided at its inner end and on each edge thereof with an integral downwardly projecting substantially wedge-shaped reinforcing flange which has its inner and wider end welded to the body portion of the pan, said stub being provided with a longitudinally extending reinforcing rib formed therein, a handle member having a socket formed therein for receiving the stub and being adapted to be slipped over the stub, said handle member and said stub being provided with transverse openings which are in alignment with each other when the handle member is positioned on the stub, and a member passing through said aligning openings for maintaining said handle member in position on the stub.

2,133,253

SPINNER-COWLING

George Francis Myers, New York, N. Y.

Application April 4, 1934, Serial No. 718,893
Renewed January 3, 1938
6 Claims. (Cl. 244—53)



3. The combination in a flying machine, of a

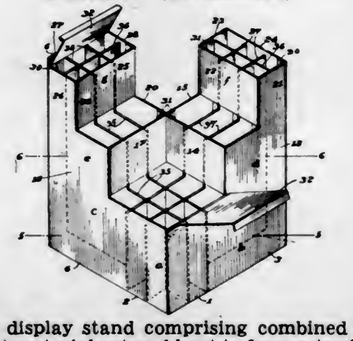
fuselage, an engine mounted on the fuselage, a propeller driven by the engine and having a hub, a spinner for the propeller covering the hub thereof and turning therewith, a plurality of hinged valves mounted radially in a circle on the spinner between the engine and the propeller and opening wholly inside the same and turning therewith, and means connected to the valves and reaching rearwardly for operating the valves from the fuselage.

2,133,254

DISPLAY STAND

George S. Nelson, Revere, Mass., assignor to The Forbes Lithograph Manufacturing Company, Boston, Mass., a corporation of Massachusetts

Application February 18, 1937, Serial No. 126,435
3 Claims. (Cl. 211—137)



1. A display stand comprising combined walls of sheet material cut and bent to form sets of connected terraced cells angularly arranged in relation to each other and having a common cell, all of said cells being open top and bottom and collectively collapsible to lie flat, displaceable shelves forming covers closing the open tops of said cells and assisting in maintaining said stand in its display form, and means for supporting said covers when functioning as aforesaid.

2,133,255

PROCESS OF ELECTROPLATING COPPER

Raymond R. Rogers, New York, N. Y., assignor to Percy A. E. Armstrong, Westport, Conn.

No Drawing. Application May 19, 1937, Serial No. 143.515
6 Claims. (Cl. 204—10)

1. The method of electroplating copper onto ferrous alloys of chromium and nickel which comprises pickling the surface to be treated with hydrochloric acid and then electroplating copper onto such treated surface from a copper chloride bath containing hydrochloric acid in amount equal to at least a 5 normal hydrochloric acid solution, with the amount of copper chloride present ranging between about 35 grams and 150 grams per liter and the ratio between the metal ion and acid being relatively low.

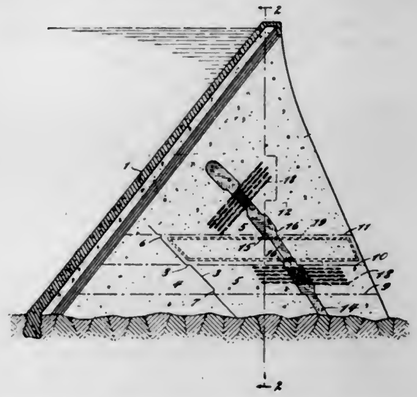
2,133,256

METHOD OF BUILDING A DAM

Spencer W. Stewart, New York, N. Y., and Calvin V. Davis, Cranford, N. J., assignors, by mesne assignments, to Ambursen Dam Company, Inc., New York, N. Y., a corporation of New York

Application February 28, 1936, Serial No. 66,172
5 Claims. (Cl. 61—30)

1. The method of building a masonry dam which comprises building at a relatively high temperature sections of said dam extending lengthwise of the dam but spaced apart at a relatively small distance in an up-stream and



down-stream direction, cooling the masonry of said sections, and then filling the spaces between said sections with masonry at a relatively low temperature.

2,133,257

POLYMERIZATION PROCESS

Daniel E. Strain, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application April 10, 1935, Serial No. 15,668
20 Claims. (Cl. 260—2)

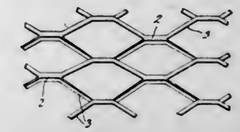
1. In a process for the polymerization of monomeric methyl methacrylate in granular form the steps which comprise dispersing approximately 5 parts of monomeric methyl methacrylate in 25 parts of water containing approximately 0.3 of 1 part of a gel like resin obtained by polymerizing the product of the reaction between methyl methacrylate and aqua ammonia, and subsequently polymerizing the resulting dispersion while stirring.

2,133,258

EXPANDED METAL LATH

Michael G. Vass, Maywood, Ill., assignor to United States Gypsum Company, Chicago, Ill., a corporation of Illinois

Application March 4, 1936, Serial No. 67,023
9 Claims. (Cl. 72—117)



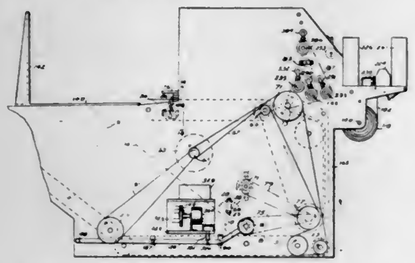
1. Exanded metal lath for use as a plaster base weighing per square yard approximately one of the following weights: 2.2 lbs., 2.5 lbs., 3.0 lbs., 3.4 lbs.; made respectively from slitted steel blanks of an original thickness, before slitting, of substantially not less than 26, 25, 24 and 23 gauge and being expanded not substantially less than 3.375 times the width of the original blank.

2,133,259

MACHINE FOR SEPARATING, COUNTING AND DELIVERING SHEET MATERIAL

Otto Edward Wolff, Arlington, Mass., assignor to Paul S. Bauer, Belmont, Mass.; trustee of the R. S. Bauer trust

Application June 7, 1937, Serial No. 146,798
33 Claims. (Cl. 270—2)



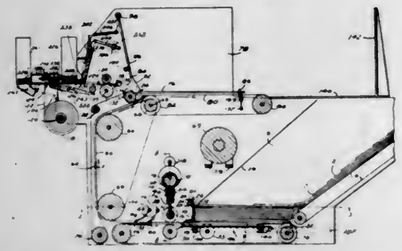
1. Apparatus of the character described comprising a magazine, a conveyor for conveying sheets successively to a predetermined point near the bottom of the magazine, a second conveyor at the bottom of the magazine for feeding the sheets into the magazine each on the conveyor side of the preceding sheet, means for pressing each sheet against the second conveyor during its feeding into the magazine, and a stop for limiting the advance of the sheets out of the magazine.

2,133,260

MACHINE FOR STACKING SHEET MATERIAL

Otto Edward Wolff, Arlington, Mass., assignor to Paul S. Bauer, Belmont, Mass., trustee of the R. S. Bauer Trust

Original application October 7, 1935, Serial No. 43,928. Divided and this application June 14, 1937, Serial No. 148,125
7 Claims. (Cl. 270—2)



1. Apparatus of the character described comprising a frame for supporting a stack of sheets, a hold-down weight for pressing against the top of the stack, and a link pivoted at one end to the frame and at the other end to the hold-down weight.

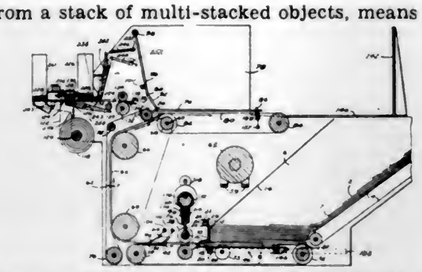
2,133,261

MACHINE FOR SEPARATING, COUNTING, DELIVERING, WRAPPING, AND ADDRESSING SHEET MATERIAL

Otto Edward Wolff, Arlington, Mass., assignor to Paul S. Bauer, Belmont, Mass., trustee of the R. S. Bauer Trust

Application August 16, 1937, Serial No. 159,332
74 Claims. (Cl. 270—2)

50. Apparatus of the character described comprising means for separating multi-sheet objects from a stack of multi-stacked objects, means for



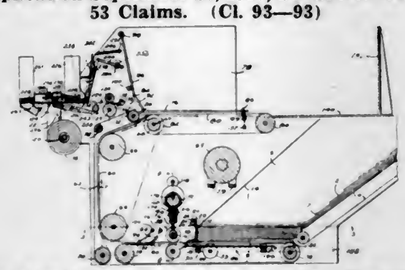
wrapping the separated multi-sheet objects in a wrapper, and means for addressing the wrapper.

2,133,262

MACHINE FOR SEPARATING, COUNTING, AND DELIVERING SHEET MATERIAL

Otto Edward Wolff, Arlington, Mass., assignor to Paul S. Bauer, Belmont, Mass., trustee of the R. S. Bauer Trust

Application September 27, 1937, Serial No. 165,887
53 Claims. (Cl. 93—93)



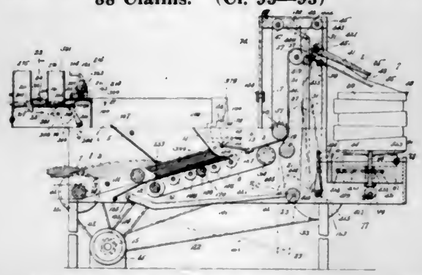
1. Apparatus of the character described comprising a support, means for stacking a plurality of sheets on the support and for removing the stacked sheets as a unit from the support when a predetermined number of sheets has been stacked, and means for varying the predetermined number.

2,133,263

MACHINE FOR HANDLING SHEET MATERIAL

Otto Edward Wolff, Arlington, Mass., assignor to Paul S. Bauer, Belmont, Mass., trustee of the R. S. Bauer Trust

Application June 11, 1938, Serial No. 213,173
88 Claims. (Cl. 93—93)



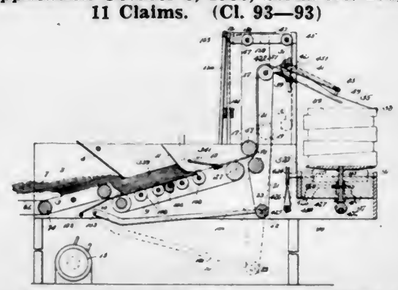
1. Apparatus of the character described comprising a member on a predetermined portion of which sheets may be stacked, a stop above and to one side of the said predetermined portion, means for feeding the sheets on to the member from above the member and with the forward edges of the sheets against the stop to cause the sheets to become stacked on the member with the said forward edges alined by the stop, and means for raising the stop automatically in accordance with the height of the stack of sheets.

2,133,264

MACHINE FOR SEPARATING, COUNTING, AND DELIVERING SHEET MATERIAL

Otto Edward Wolff, Belmont, Mass., assignor, by mesne assignments, to Paul S. Bauer, Belmont, Mass., trustee of the R. S. Bauer Trust

Application October 8, 1936, Serial No. 104,628
11 Claims. (Cl. 93—93)



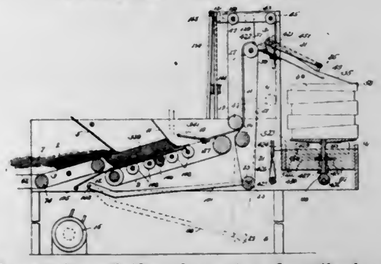
1. Apparatus of the character described comprising a conveyor, means for feeding sheets to the conveyor in superposed relation, a wall in the path of travel of the sheets from the feeding means to the conveyor for preventing the superposition of more than a predetermined number of the sheets on the conveyor, a second wall in the path of travel of the sheets conveyed by the conveyor, the second wall being separated slightly from the conveyor to permit the conveyor to convey a predetermined number of the sheets on the conveyor through the space of separation between the conveyor and the second wall, and means for blocking the said space to prevent the conveyor from conveying sheets through the said space.

2,133,265

COUNTER

Otto Edward Wolff, Arlington, Mass., assignor to Paul S. Bauer, Belmont, Mass., trustee of the R. S. Bauer Trust

Application June 7, 1937, Serial No. 146,799
15 Claims. (Cl. 93—93)

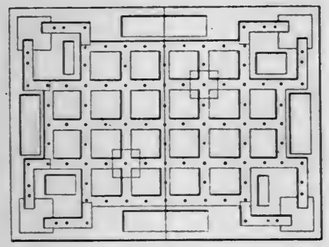


1. Apparatus of the character described comprising a counter, a normally ineffective electric system, a plurality of selectively actuable contact members, and means operable at the end of a predetermined count of the counter and cooperative with a selectively actuated contact member of the selectively actuable contact members to render the electric system effective.

DESIGNS

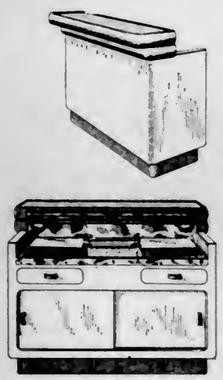
OCTOBER 11, 1938

111,647
DESIGN FOR A GAME BOARD
Don L. Alger, Avalon, Calif.
Application May 10, 1938, Serial No. 77,097
Term of patent 14 years



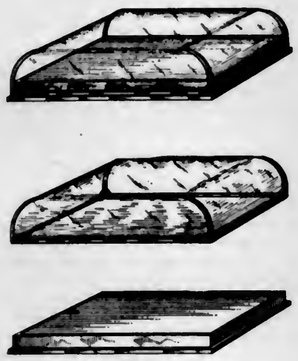
The ornamental design for a game board, as shown.

111,648
DESIGN FOR A PORTABLE BAR
Franklyn P. Canterbury, Kansas City, Mo.
Application July 5, 1938, Serial No. 78,260
Term of patent 7 years



The ornamental design for a portable bar, substantially as shown.

111,649
DESIGN FOR A DISPLAY BOX
Anthony Di Domenico, Forest Hills, N. Y.
Application May 14, 1938, Serial No. 77,180
Term of patent 14 years



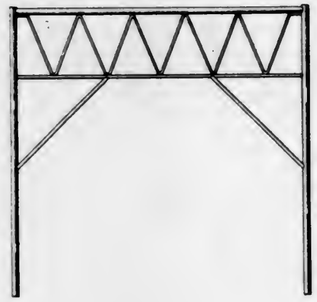
The ornamental design for a display box, as shown and described.

111,650
DESIGN FOR AN ASHTRAY OR SIMILAR ARTICLE
Maurice Exelmans, Paris, France, assignor to Verlys of America, Inc., New York, N. Y., a corporation of New York
Application April 23, 1938, Serial No. 76,715
Term of patent 7 years



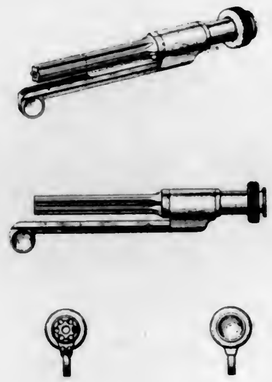
The ornamental design for an ashtray or similar article, as shown.

111,651
DESIGN FOR A SCAFFOLD UNIT
George W. Frost, Evansville, Ind., assignor to The Steel Scaffolding Company, Inc., Evansville, Ind., a corporation of Indiana
Application July 11, 1938, Serial No. 78,396
Term of patent 14 years



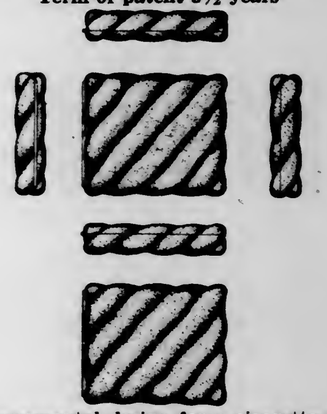
The ornamental design for a scaffold unit, as shown.

111,652
DESIGN FOR A HAIR CURLER
Edgar Beresford Gilleland, Los Angeles, Calif., assignor of one-half to George W. Gilleland, Kansas City, Mo.
Application July 25, 1938, Serial No. 78,711
Term of patent 3½ years



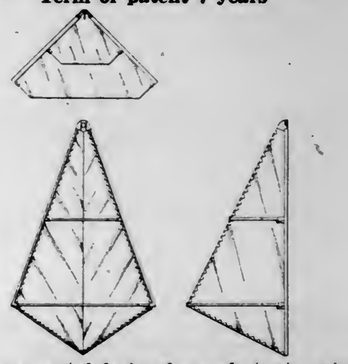
The ornamental design for a hair curler, substantially as shown.

111,653
DESIGN FOR A CIGARETTE CASE OR SIMILAR ARTICLE
George W. Headley, 3rd, New York, N. Y., assignor to Paul E. Flato, New York, N. Y.
Application January 6, 1938, Serial No. 74,111
Term of patent 3½ years



The ornamental design for a cigarette case or similar article, substantially as shown.

111,654
DESIGN FOR A WHATNOT OR SIMILAR ARTICLE
Edward C. Herron, East St. Louis, Ill.
Application February 11, 1938, Serial No. 75,060
Term of patent 7 years



The ornamental design for a whatnot or similar article, substantially as shown.

111,655
DESIGN FOR A FERRULE FOR HOUSEHOLD UTENSIL HANDLES AND THE LIKE
Clarence R. T. Hess, Prairie View, Ill., assignor to The Edward Katzinger Company, Chicago, Ill., a corporation of Illinois
Application January 22, 1937, Serial No. 67,224
Term of patent 7 years



The ornamental design for a ferrule for household utensil handles and the like, as shown.

111,656
DESIGN FOR A STONE MOUNTING
Fred F. Kuhn, Reno, Nev.
Application August 22, 1938, Serial No. 79,494
Term of patent 3½ years

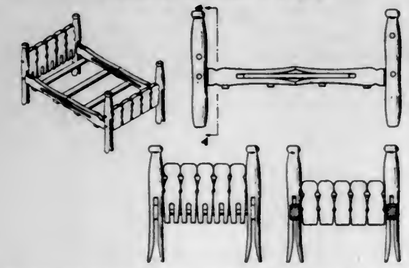






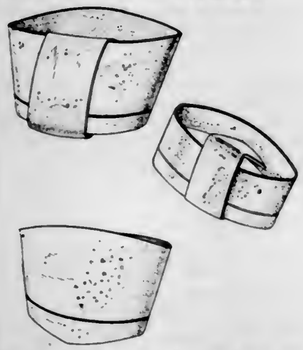
The ornamental design for a stone mounting, substantially as shown.

111,657
DESIGN FOR A TOY BED
Kathleen Eames Little, Salisbury, N. C.
Application August 6, 1938, Serial No. 79,169
Term of patent 7 years



The ornamental design for a toy bed, as shown.

111,658
DESIGN FOR A HAT
Mary Frances Mathews, New York, N. Y.
Application March 25, 1938, Serial No. 76,102
Term of patent 3½ years



The ornamental design for a hat, as shown and described.

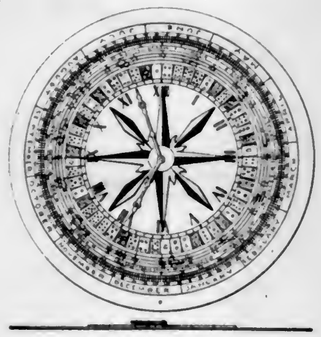
111,659
DESIGN FOR A JAR
Frank McIntosh, New York, N. Y., assignor to Lentheric Incorporated, New York, N. Y., a corporation of New York
Application March 2, 1938, Serial No. 75,529
Term of patent 7 years





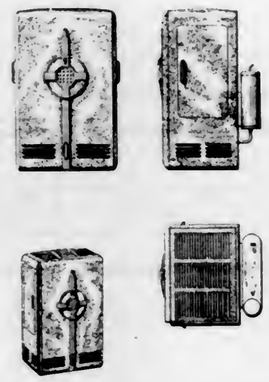
The ornamental design for a jar, substantially as shown.

111,660
DESIGN FOR A GAME DEVICE
Ruth Bowman Mott, Tampa, Fla.
Application July 12, 1938, Serial No. 78,425
Term of patent 3½ years



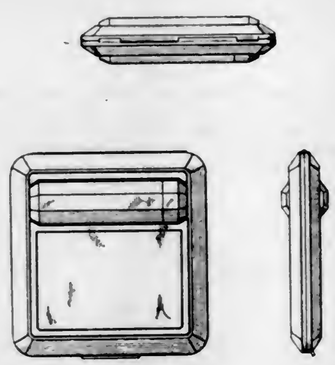
The ornamental design for a game device, as shown.

111,661
DESIGN FOR A HEATING STOVE
Ambrose D. Olds, Wichita, Kans., assignor to Coleman Lamp & Stove Company, Wichita, Kans., a corporation
Application July 25, 1938, Serial No. 78,706
Term of patent 3½ years



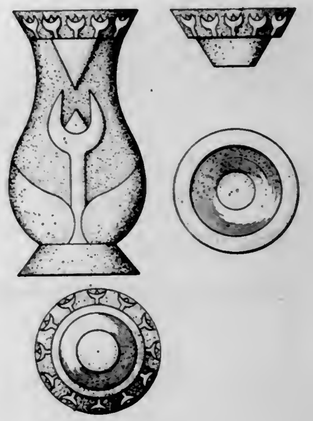
The ornamental design for a heating stove, as shown and described.

111,662
DESIGN FOR A COMPACT OR SIMILAR ARTICLE
Winfred T. Parkin, Providence, R. I., assignor to Theodore W. Foster & Bro. Company, Providence, R. I., a corporation of Maine
Application July 11, 1938, Serial No. 78,406
Term of patent 7 years



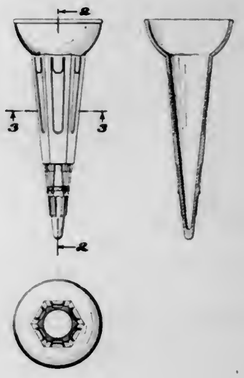
The ornamental design for a compact or similar article, substantially as shown.

111,663
DESIGN FOR A COMBINED FLOWER VASE AND BOUQUET HOLDER OR SIMILAR ARTICLE
Edwin Reynolds, Vineland, N. J.
Application December 10, 1937, Serial No. 73,517
Term of patent 14 years



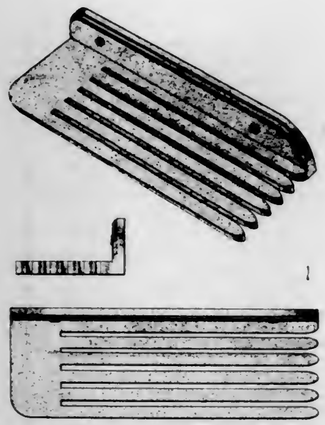
The ornamental design for a combined flower vase and bouquet holder or similar article, substantially as shown and described.

111,664
DESIGN FOR AN ICE CREAM CONE
Harold H. Schwartz, Mill Valley, Calif.
Application July 27, 1938, Serial No. 78,769
Term of patent 3½ years



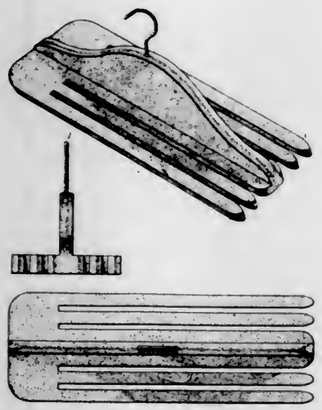
The ornamental design for an ice cream cone, substantially as shown.

111,665
DESIGN FOR A GARMENT HANGER
William L. Seavey, Berkeley, Calif.
Application July 18, 1938, Serial No. 78,565
Term of patent 3½ years



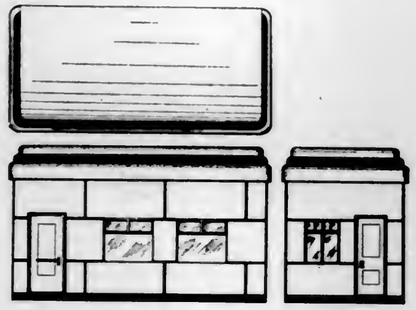
The ornamental design for a garment hanger, substantially as shown.

111,666
DESIGN FOR A GARMENT HANGER
William L. Seavey, Berkeley, Calif.
Application July 18, 1938, Serial No. 78,566
Term of patent 3½ years



The ornamental design for a garment hanger, substantially as shown.

111,667
DESIGN FOR A BUILDING
J. Harry Shale and Louis C. Voelker, Rochester, N. Y.; said Voelker assignor to said Shale, doing business as Rochester Grills, Rochester, N. Y.
Application April 27, 1938, Serial No. 76,772
Term of patent 14 years



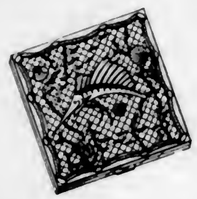
The ornamental design for a building, as shown and described.

111,668
DESIGN FOR A VANITY CASE OR SIMILAR ARTICLE
Fred Spitalny, Elizabeth, N. J.
Application January 28, 1938, Serial No. 74,636
Term of patent 3½ years



The ornamental design for a vanity case or similar article, as shown and described.

111,669
DESIGN FOR A VANITY CASE OR SIMILAR ARTICLE
Fred Spitalny, Elizabeth, N. J.
Application January 28, 1938, Serial No. 74,637
Term of patent 3½ years



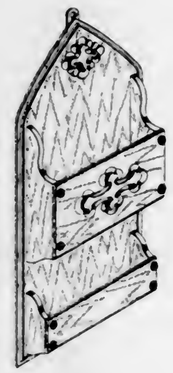
The ornamental design for a vanity case or similar article, as shown and described.

111,670
DESIGN FOR A COMBINED CHAIR AND STEPLADDER
Leonard Sunquist, Santa Monica, and Minor Blythe, Los Angeles, Calif.
Application January 17, 1938, Serial No. 74,369
Term of patent 14 years



The ornamental design for a combined chair and stepladder, as shown and described.

111,671
DESIGN FOR A BOOK RACK
Edward Elmer Staub, Detroit, Mich.
Application February 18, 1938, Serial No. 75,247
Term of patent 7 years



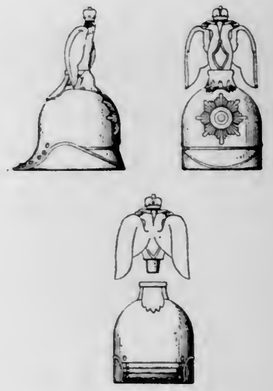
The ornamental design for a book rack, as shown.

111,672
DESIGN FOR A FOOTREST
Henry C. Stoll, Bronx, N. Y., assignor of one-half to Rudolph Keil, Bronx, N. Y.
Application August 13, 1938, Serial No. 79,317
Term of patent 7 years



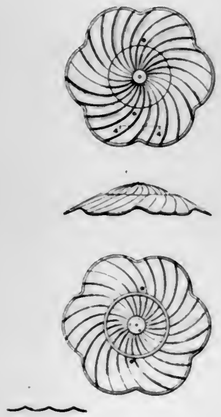
The ornamental design for a footrest, substantially as shown.

111,673
DESIGN FOR A COMBINED PERFUME BOTTLE AND STOPPER THEREFOR
Alexander Tarsaidze, New York, N. Y., assignor to Parfums Chevalier Garde, Inc., New York, N. Y.
Application December 3, 1937, Serial No. 73,325
Term of patent 3½ years



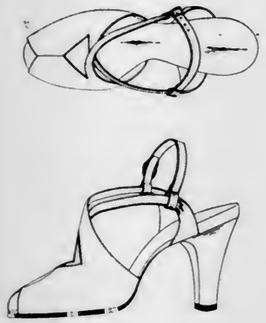
The ornamental design for a combined perfume bottle and stopper therefor, substantially as shown and described.

111,674
DESIGN FOR A HAT
Edward Wittcoff, University City, Mo.
Application March 9, 1938, Serial No. 75,702
Term of patent 7 years



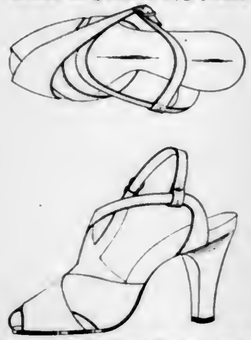
The ornamental design for a hat, substantially as shown and described.

111,675
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Vincent De Liso, Astoria, Long Island, N. Y.
Application September 1, 1938, Serial No. 79,666
Term of patent 3½ years



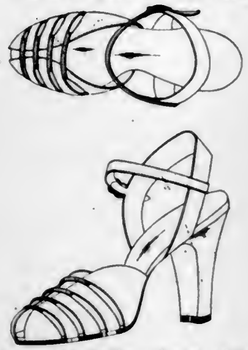
The ornamental design for a shoe or similar article, substantially as shown.

111,676
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Vincent De Liso, Astoria, Long Island, N. Y.
Application September 1, 1938, Serial No. 79,667
Term of patent 3½ years



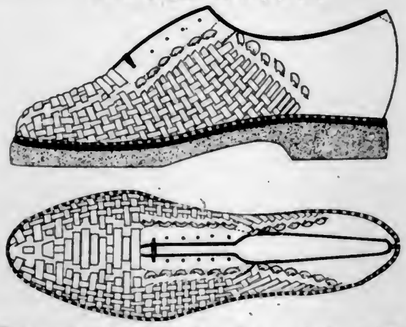
The ornamental design for a shoe or similar article, substantially as shown.

111,677
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Vincent De Liso, Astoria, Long Island, N. Y.
Application September 1, 1938, Serial No. 79,668
Term of patent 3½ years



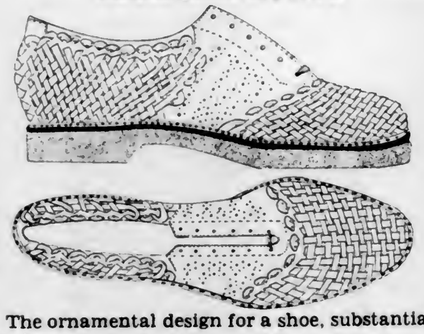
The ornamental design for a shoe or similar article, substantially as shown.

111,678
DESIGN FOR A SHOE
Sol Hurwit, Los Angeles, Calif.
Application August 27, 1938, Serial No. 79,590
Term of patent 3½ years



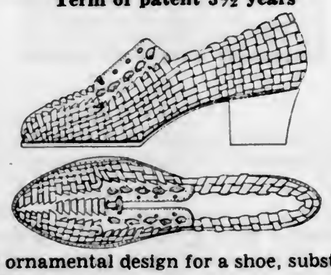
The ornamental design for a shoe, substantially as shown.

111,679
DESIGN FOR A SHOE
Sol Hurwit, Los Angeles, Calif.
Application August 27, 1938, Serial No. 79,591
Term of patent 3½ years



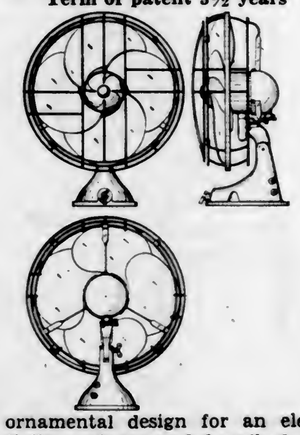
The ornamental design for a shoe, substantially as shown.

111,680
DESIGN FOR A SHOE
Sol Hurwit, Los Angeles, Calif.
Application August 27, 1938, Serial No. 79,592
Term of patent 3½ years



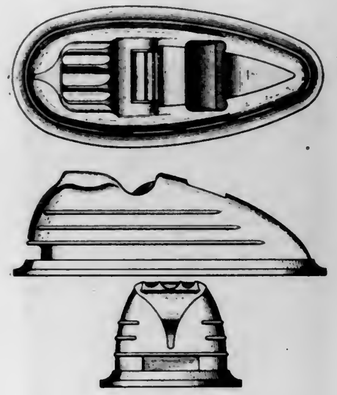
The ornamental design for a shoe, substantially as shown.

111,681
DESIGN FOR AN ELECTRIC FAN
Joseph J. Janca, St. Louis, Mo., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo., a corporation of Missouri
Application July 28, 1937, Serial No. 70,695
Term of patent 3½ years



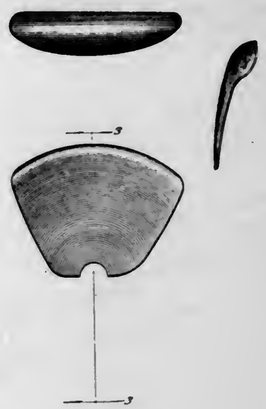
The ornamental design for an electric fan, substantially as shown and described.

111,682
DESIGN FOR AN ASHTRAY
John K. Milton, Chicago, Ill.
Application March 23, 1938, Serial No. 76,048
Term of patent 14 years



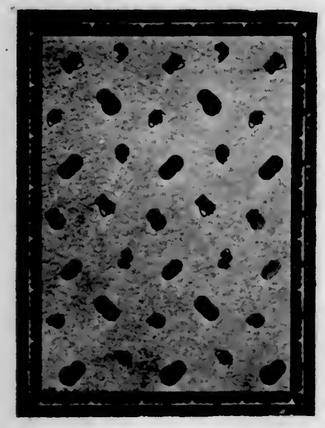
The ornamental design for an ashtray, as shown.

111,683
DESIGN FOR A FENDER FOR A WHEELED VEHICLE
John R. Morgan, Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application July 14, 1937, Serial No. 70,415
Term of patent 14 years



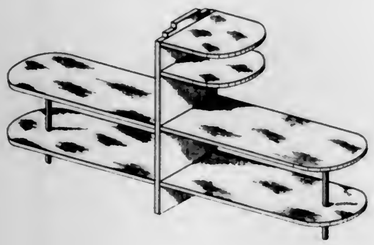
The ornamental design for a fender for a wheeled vehicle, as shown.

111,684
DESIGN FOR A RUG OR SIMILAR ARTICLE
Henry J. Muller, Lancaster, Pa., assignor to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania
Application August 23, 1938, Serial No. 79,504
Term of patent 7 years



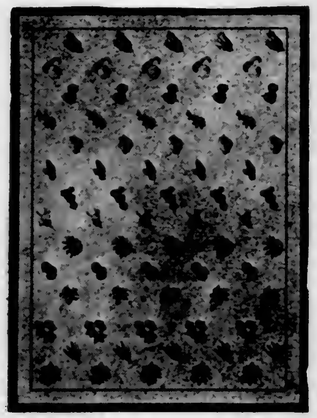
The ornamental design for a rug or similar article, as shown.

111,685
DESIGN FOR A DISPLAY RACK
John H. Pollard, Dallas, Tex., assignor of one-half to Arthur S. Baron and one-half to Richard Burdick, both of Dallas, Tex.
Application January 15, 1938, Serial No. 74,321
Term of patent 14 years



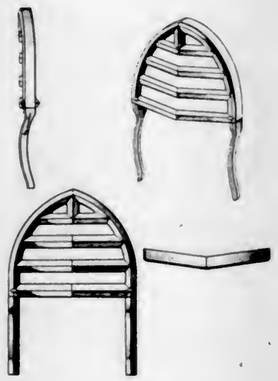
The ornamental design for a display rack, as shown.

111,686
DESIGN FOR A RUG OR SIMILAR ARTICLE
Fred W. Rauscher, Manheim Township, Lancaster County, Pa., assignor to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania
Application August 23, 1938, Serial No. 79,505
Term of patent 7 years



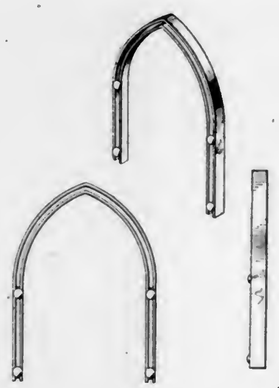
The ornamental design for a rug or similar article, as shown.

111,687
DESIGN FOR A VEHICLE GUARD
Linus E. Russell, Springfield, Ohio, assignor to Peters and Russell, Inc., Springfield, Ohio, a corporation of Ohio
Application February 28, 1938, Serial No. 75,474
Term of patent 3½ years



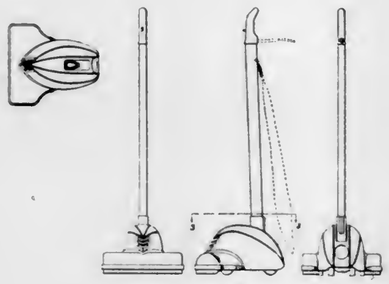
The ornamental design for a vehicle guard, substantially as shown and described.

111,688
DESIGN FOR A VEHICLE GUARD
Linus E. Russell, Springfield, Ohio, assignor to Peters and Russell, Inc., Springfield, Ohio, a corporation of Ohio
Application April 21, 1938, Serial No. 76,675
Term of patent 3½ years



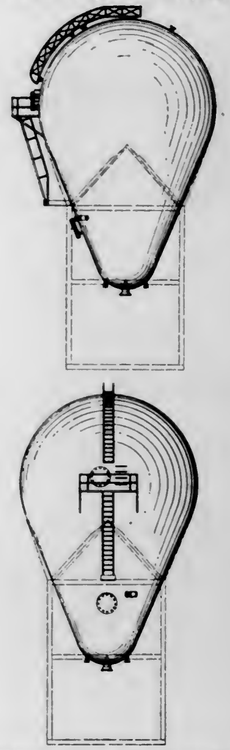
The ornamental design for a vehicle guard, substantially as shown and described.

111,689
DESIGN FOR A VACUUM CLEANER
Lloyd B. Salt, Chestnut Hill, Mass., assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass.
Application July 21, 1938, Serial No. 78,642
Term of patent 7 years



The ornamental design for a vacuum cleaner, substantially as shown and described.

111,690
DESIGN FOR A DEVICE FOR INVESTIGATING ATOMIC STRUCTURE
William H. Wells, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania
Application April 6, 1938, Serial No. 76,313
Term of patent 14 years



The ornamental design for a device for investigating atomic structure, as shown and described.

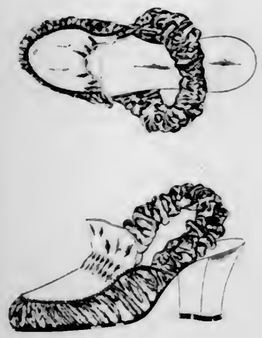
111,691
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Schuyler A. Wood, Dolgeville, N. Y.
Application September 3, 1938, Serial No. 79,744
Term of patent 3½ years





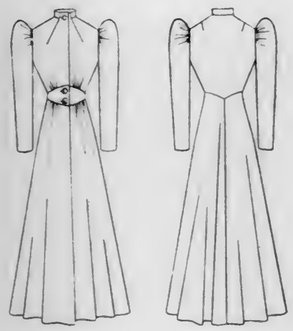
The ornamental design for a shoe or similar article, substantially as shown.

111,692
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Schuyler A. Wood, Dolgeville, N. Y.
Application September 3, 1938, Serial No. 79,745
Term of patent 3½ years



The ornamental design for a shoe or similar article, substantially as shown.

111,693
DESIGN FOR AN EVENING WRAP
Adolph Brieff, New York, N. Y
Application June 23, 1938, Serial No. 78,006
Term of patent 3½ years



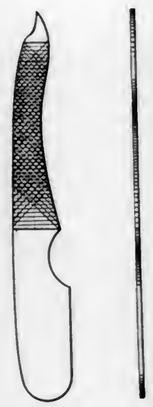
The ornamental design for an evening wrap, substantially as shown and described.

111,694
DESIGN FOR AN ALPHABET FOR FORMING MONOGRAMS OR SIMILAR ARTICLE
Michael Chernow, Brooklyn, N. Y.
Application August 24, 1938, Serial No. 79,536
Term of patent 7 years



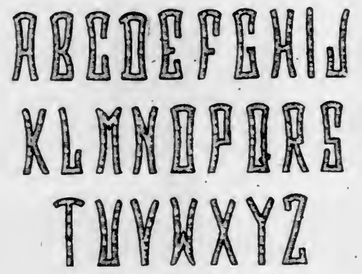
The ornamental design for an alphabet for forming monograms or similar article, substantially as shown.

111,695
DESIGN FOR A NAIL FILE
Abraham Alexander Crompton, Uttoxeter, England
Application June 16, 1938, Serial No. 77,893
In Great Britain February 14, 1938
Term of patent 14 years



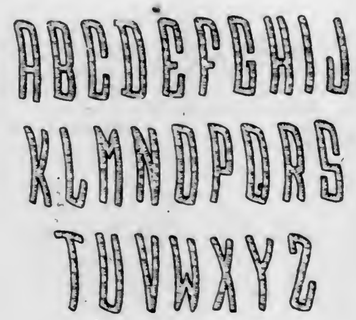
The ornamental design for a nail file, as shown.

111,696
DESIGN FOR AN ALPHABET FOR FORMING MONOGRAMS FOR WEARING APPAREL OR SIMILAR ARTICLE
Charles Emmey, New York, N. Y.
Application July 7, 1938, Serial No. 78,321
Term of patent 14 years



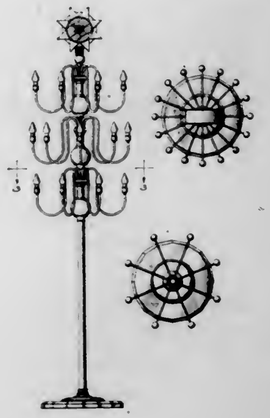
The ornamental design for an alphabet for forming monograms for wearing apparel or similar article, substantially as shown and described.

111,697
DESIGN FOR AN ALPHABET FOR FORMING MONOGRAMS FOR WEARING APPAREL OR SIMILAR ARTICLE
Charles Emmey, New York, N. Y.
Application July 7, 1938, Serial No. 78,322
Term of patent 14 years



The ornamental design for an alphabet for forming monograms for wearing apparel or similar article, substantially as shown and described.

111,698
DESIGN FOR AN ELECTROLABRUM TREE
John L. Engstrom, Evanston, Ill.
Application July 18, 1938, Serial No. 78,562
Term of patent 14 years



The ornamental design for an electrolabrum tree as shown.

111,699
DESIGN FOR A DRESS
Pauline Fracchia, New York, N. Y.
Application August 11, 1938, Serial No. 79,264
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,700
DESIGN FOR A DRESS
Pauline Fracchia, New York, N. Y.
Application August 11, 1938, Serial No. 79,265
Term of patent 3½ years



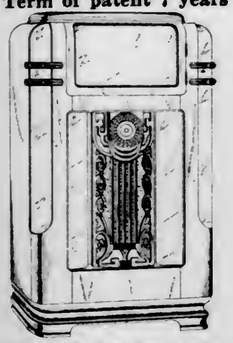
The ornamental design for a dress, substantially as shown and described.

111,701
DESIGN FOR A DRESS
Pauline Fracchia, New York, N. Y.
Application August 11, 1938, Serial No. 79,266
Term of patent 3½ years



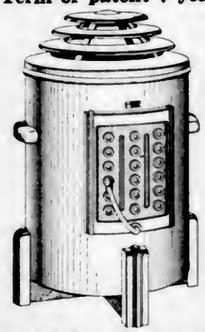
The ornamental design for a dress, substantially as shown and described.

111,702
DESIGN FOR A PHONOGRAPH CABINET
Paul M. Fuller, Chicago, Ill., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y., a corporation of Ohio
Application August 22, 1938, Serial No. 79,489
Term of patent 7 years



The ornamental design for a phonograph cabinet, substantially as shown and described.

111,703
DESIGN FOR AN ARC WELDER
Leo J. Ganyaw, Minneapolis, Minn., assignor to Smith Welding Equipment Corporation, Minneapolis, Minn., a corporation of Delaware
Application July 9, 1938, Serial No. 78,376
Term of patent 7 years



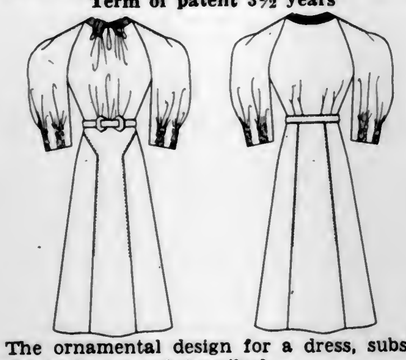
The ornamental design for an arc welder, substantially as shown and described.

111,704
DESIGN FOR A HAT
Martin A. Goldstein, New York, N. Y.
Application August 31, 1938, Serial No. 79,651
Term of patent 3½ years



The ornamental design for a hat, as shown and described.

111,705
DESIGN FOR A DRESS
Herman Honig, New York, N. Y.
Application July 25, 1938, Serial No. 78,700
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,706
DESIGN FOR A DRESS
Hyman J. Katz, New York, N. Y.
Application July 23, 1938, Serial No. 78,673
Term of patent 3½ years



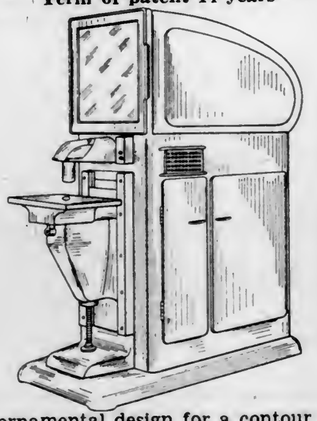
The ornamental design for a dress, substantially as shown and described.

111,707
DESIGN FOR A COAT
Samuel C. Klein, St. Louis, Mo.
Application September 14, 1938, Serial No. 79,874
Term of patent 3½ years



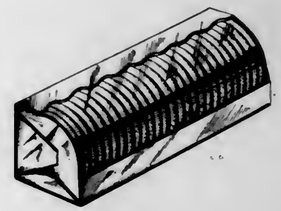
The ornamental design for a coat, substantially as shown.

111,708
DESIGN FOR A CONTOUR MEASURING PROJECTOR
Henry F. Kurtz, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application August 20, 1938, Serial No. 79,483
Term of patent 14 years



The ornamental design for a contour measuring projector, substantially as shown.

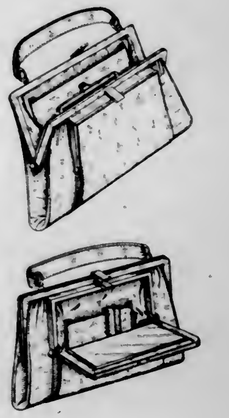
111,709
DESIGN FOR A COMBINED SUPPORTING TRAY AND POWDER PUFF DISPLAY
Joseph Levy, Brooklyn, N. Y.
Application August 28, 1937, Serial No. 71,371
Term of patent 14 years





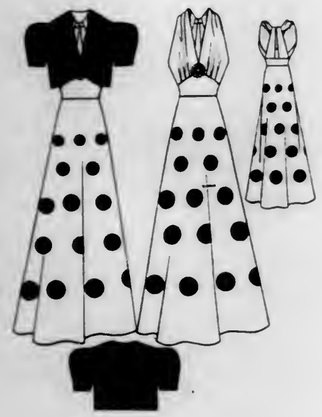
The ornamental design for a combined supporting tray and powder puff display, as shown.

111,710
DESIGN FOR A HANDBAG
Florence N. Lewis, New York, N. Y.
Application June 11, 1938, Serial No. 77,735
Term of patent 7 years



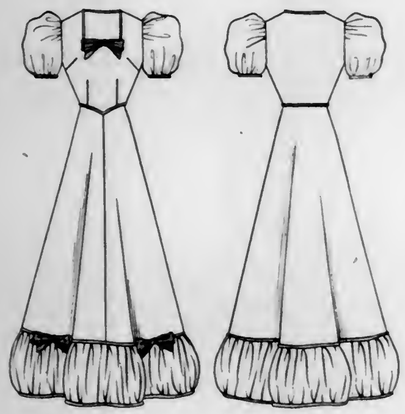
The ornamental design for a handbag, as shown and described.

111,711
DESIGN FOR A DRESS ENSEMBLE
Margaret Michelson, New York, N. Y.
Application July 19, 1938, Serial No. 78,576
Term of patent 3½ years



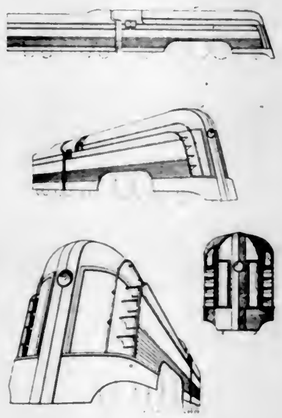
The ornamental design for a dress ensemble, substantially as shown and described.

111,712
DESIGN FOR A DRESS
Margaret Michelson, New York, N. Y.
Application July 22, 1938, Serial No. 78,651
Term of patent 3½ years



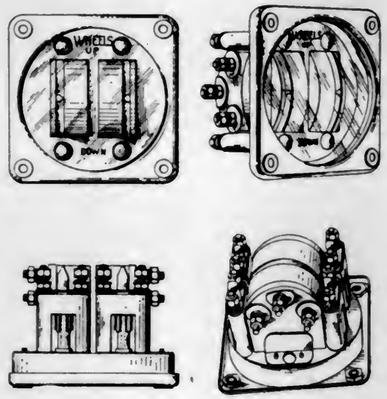
The ornamental design for a dress, substantially as shown and described.

111,713
DESIGN FOR A COMBINED LOCOMOTIVE AND TENDER
John W. Patton and Paul P. Cret, Philadelphia, Pa., assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application November 8, 1937, Serial No. 72,704
Term of patent 14 years



The ornamental design for a combined locomotive and tender, as shown and described.

111,714
DESIGN FOR AN AIRPLANE LANDING WHEEL POSITION INDICATOR
Charles Hilaire Henri Rodanet, Neuilly-sur-Seine, France, assignor to Societe Anonyme: Jaeger-Aviation, Levallois-Perret, Seine, France
Application August 24, 1937, Serial No. 71,298
In France March 24, 1937
Term of patent 7 years



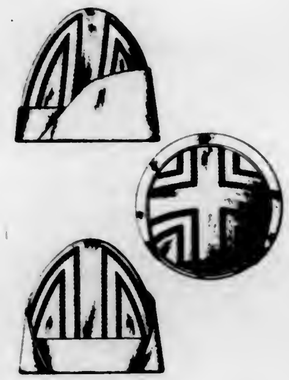
The ornamental design for an airplane landing wheel position indicator as shown and described.

111,715
DESIGN FOR A DRESS
Philip Schlessel, New York, N. Y.
Application July 16, 1938, Serial No. 78,532
Term of patent 3½ years



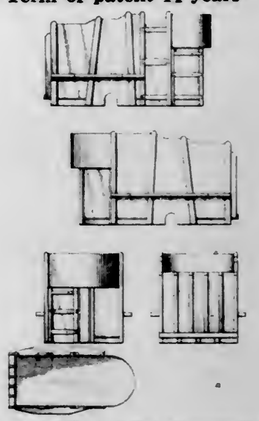
The ornamental design for a dress, substantially as shown and described.

111,716
DESIGN FOR A KNITTED CAP
Paul H. Schmidt, Milwaukee, Wis.
Application August 18, 1938, Serial No. 79,433
Term of patent 3½ years



The ornamental design for a knitted cap, as shown.

111,717
DESIGN FOR A HORSE-TRAILER BODY
Charles J. Shields, San Jose, Calif.
Application November 16, 1937, Serial No. 72,937
Term of patent 14 years



The ornamental design for a horse-trailer body, as shown.

111,718
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application July 25, 1938, Serial No. 78,703
Term of patent 3½ years

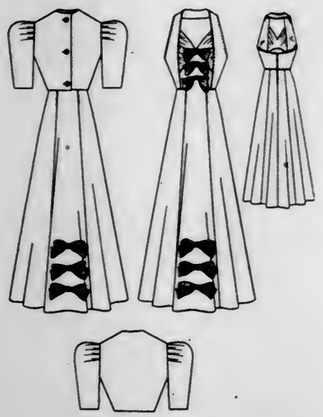
The ornamental design for a coat, substantially as shown and described.

111,719
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application September 3, 1938, Serial No. 79,752
Term of patent 3½ years



The ornamental design for a coat, substantially as shown and described.

111,720
DESIGN FOR A DRESS ENSEMBLE
Mollie Stone, New York, N. Y.
Application August 10, 1938, Serial No. 79,212
Term of patent 3½ years



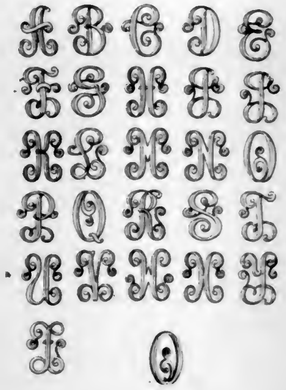
The ornamental design for a dress ensemble, substantially as shown.

111,721
DESIGN FOR A DRESS
Josephine Chambart, New York, N. Y.
Application September 8, 1938, Serial No. 79,776
Term of patent 3½ years



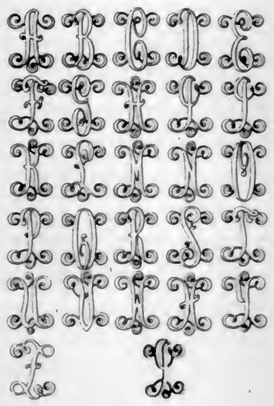
The ornamental design for a dress, substantially as shown.

111,722
DESIGN FOR AN ALPHABET FOR FORMING MONOGRAMS OR SIMILAR ARTICLE
Michael Chernow, Brooklyn, N. Y.
Application August 2, 1938, Serial No. 79,030
Term of patent 14 years



The ornamental design for an alphabet for forming monograms or similar article, substantially as shown.

111,723
DESIGN FOR AN ALPHABET FOR FORMING MONOGRAMS OR SIMILAR ARTICLE
Michael Chernow, Brooklyn, N. Y.
Application August 23, 1938, Serial No. 79,508
Term of patent 14 years



The ornamental design for an alphabet for forming monograms or similar article, substantially as shown.

111,724
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,887
Term of patent 3½ years



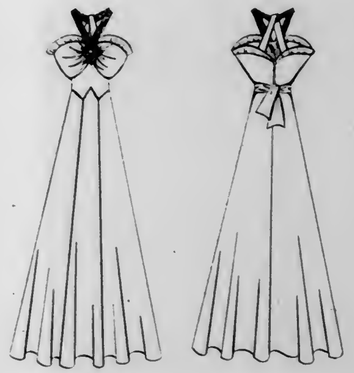
The ornamental design for a curtain or similar article, as shown and described.

111,725
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,917
Term of patent 3½ years



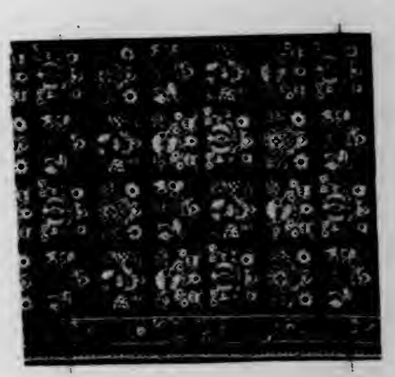
The ornamental design for a curtain or similar article, as shown and described.

111,726
DESIGN FOR A DRESS
Benjamin Fried, New York, N. Y.
Application September 8, 1938, Serial No. 79,787
Term of patent 3½ years



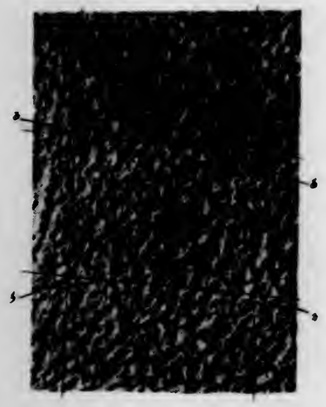
The ornamental design for a dress, substantially as shown.

111,727
DESIGN FOR A TEXTILE FABRIC
Harry M. Goldman, New York, N. Y.
Application September 8, 1938, Serial No. 79,769
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

111,728
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
August Hafner, Whitestone, Long Island, N. Y.
Application June 6, 1938, Serial No. 77,603
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown and described.

111,729
DESIGN FOR A DRESS
Ada Maidman, New York, N. Y.
Application September 10, 1938, Serial No. 79,821
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,730
DESIGN FOR A DRESS
Ada Maidman, New York, N. Y.
Application September 10, 1938, Serial No. 79,822
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,731
DESIGN FOR A SCARF OR SIMILAR ARTICLE
Tony Sarg, New York, N. Y.
Application September 9, 1938, Serial No. 79,815
Term of patent 3½ years



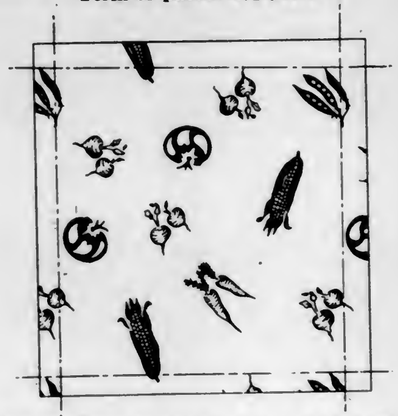
The ornamental design for a scarf or similar article, substantially as shown.

111,732
DESIGN FOR A DRESS
Mollie Stone, New York, N. Y.
Application September 9, 1938, Serial No. 79,808
Term of patent 3½ years



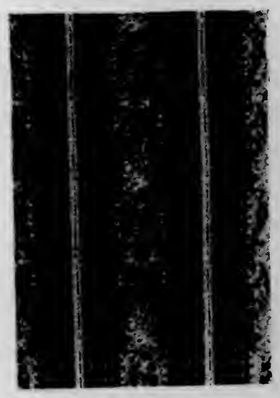
The ornamental design for a dress, substantially as shown.

111,733
DESIGN FOR A TEXTILE FABRIC
Ira Strauss, New York, N. Y.
Application September 14, 1938, Serial No. 79,884
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

111,734
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Mark Turpan, West Englewood, N. J.
Application September 15, 1938, Serial No. 79,912
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown.

111,735
DESIGN FOR A DRESS
Olga Wusits, New York, N. Y.
Application September 9, 1938, Serial No. 79,796
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

Patents Nos. 2,133,266 to 2,133,940

THE

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CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

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October 18, 1938

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Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 2,036,615, R. J. Wean, Coated sheet metal and process of making the same, decided September 28, 1938, claims 1, 2, 3, 4, 7, and 9.

Pat. 2,068,847, G. H. B. Davis and J. I. Wasson, Process of treating a petroleum oil, decided September 22, 1938, claim 1.

Pat. 2,084,117, F. D. Williams, Jr. Rectifier output voltage regulator, decided September 29, 1938, claims 1, 2, 3, 4, 5, 6, 7, 14, and 15.

Pat. 2,084,347, L. M. Keefe, Automatic perforating machine, decided September 6, 1938, claims 1, 2, 3. 5, 6, 15, and 16.

Adjudicated Patents

(C. C. A. Calif.) Simmons patent, No. 1,930,987, for method and apparatus for testing the productivity of formations encountered in wells, claims 9 to 17, and 19 *Held* invalid and claims 8 and 18 *Held* valid and infringed. *Halliburton* v. *Honolulu Oil Corporation*, 98 F.(2d) 436.

Notice

In accordance with the provisions of Rule 17 of the Rules of Practice in the United States Patent Office, an examination for the registration of attorneys to practice before the United States Patent Office will be held on December 7, 1938.

This examination may be taken in any of the large cities of the country and will be given under the direction of the Civil Service Commission. Applications to take the examination should be made to the Commissioner of Patents and such applications must be received in the Patent Office not later than November 21, 1938.

Application blanks may be obtained from the Chief Clerk of the Patent Office.

LESLIE FRAZER,
Chairman of the Committee on Enrollment and Disbarment.

Interference Notice

U. S. Patent Office, *Washington, D. C., September 14, 1938.*

Edward Jacob Miller, Harry L. Goodwin, and Edgar M. Miller, their assignee, Constance Kent, or legal representatives take notice:

An interference has been declared by this Office between the joint application for patent of Edward Jacob Miller and Edgar Martin Miller, % Morris Mills, Inc., 105 West Adams Street, Chicago, Ill., and a patent, No. 2,018,966, granted October 29, 1935, to Edward Jacob Miller, 311 E. Green Street, Clinton, Mo., Harry L. Goodwin, 211 E. Chestnut Street, Chicago, Ill., and Edgar M. Miller, 311 E. Green Street, Clinton, Mo. Notices of such declaration sent to the joint patentee, Harry L. Goodwin, by registered mail at the said address and to Constance Kent, the assignee of Miller, Goodwin, and Miller at 1700 Lamont Street, N. W., Washington, D. C., have been returned by the post office undeliverable and the Office has been unable to secure service upon the joint patentee Edgar M. Miller. Notice is hereby given that unless Edward Jacob Miller, Harry L. Goodwin, and Edgar M. Miller, their assignee, Constance Kent, or their legal representatives, shall enter an appearance therein within thirty days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Condition of Applications Under Examination at Close of Business October 1, 1938

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 49,915; Trade-Mark Division, 1,416. Oldest new case, Dec. 9, 1937; oldest amended, Dec. 31, 1937.) (The dates given are 1938 except where † indicates 1937) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Apr. 1	Apr. 6	871
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Apr. 26	Apr. 18	1,054
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	July 1	July 8	513
7083	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service: Pneumatic Despatch; Fluid Pressure Brakes.	May 17	May 19	568
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	July 1	July 1	629
4896C	6. LEWERS, A. M., Carbon Chemistry (part)	Apr. 7	Mar. 24	1,250
5725	7. JARBOE, C. O., Optics; Photography	June 23	June 22	965
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Apr. 16	Apr. 19	955
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	July 2	July 6	506
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies and Tops; Vehicle Fenders; Spring Devices.	May 16	May 16	749
5087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	June 3	June 2	539
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	Feb. 4	Feb. 4	869
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	May 12	May 12	605
5097	14. SMITH, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	July 8	July 9	485
4897	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	May 15	May 15	1,172
5716	16. SPENCER, C. J., Telegraphy; Telephony	Apr. 13	Apr. 10	945
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Apr. 29	May 4	804
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Apr. 22	Apr. 25	591
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	May 2	May 3	807
6605	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	May 4	May 31	553
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	June 29	June 28	483
5600	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	June 16	June 16	674
7624	23. BUTTNER, W. J., Registers (part)	Dec. 9	Dec. 31	340
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	June 28	July 1	628
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	June 2	May 31	656
4893	26. YOUNG, R. R., Electricity, Generation; Motive Power	June 1	June 1	590
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Mar. 25	Mar. 28	1,230
4628	28. SOLYOM, H. L., Internal-Combustion Engines	May 7	Apr. 23	576
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Apr. 20	Apr. 14	873
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Mar. 4	Mar. 4	922
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	July 2	July 1	665
4086	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	June 11	June 3	648
6096	33. WYMAN, W. L., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	May 13	May 27	921
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	May 31	June 6	382
3876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	May 20	May 16	842
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Apr. 11	Apr. 30	663
5886B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Mar. 22	Mar. 24	1,016
3084	38. KRAFFT, C. F., Earth Boring, Hydraulic and Earth Engineering; Mining and Quarrying; Stone-working; Wells; Plastic Compositions.	Feb. 1	Feb. 15	856
4878	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	May 5	May 5	679
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Apr. 25	Apr. 23	1,509
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	June 3	June 6	304
5882	42. CUTTING, H. O., Electric Signaling	Feb. 21	Feb. 8	574
4886B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	June 8	June 8	556
4067B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	May 5	May 5	768
7093	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Apr. 28	May 6	867
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	May 4	May 4	677
6082	47. LOWE, E. R. (Act.), Clutches; Brakes	May 16	May 21	708
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	June 13	June 14	565
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Mar. 14	Mar. 15	1,022
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Apr. 19	Apr. 19	1,064
5628	51. BACKUS, C. D., Radiant Energy	June 20	June 20	851
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	June 25	June 27	823
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	June 6	June 6	652
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	July 13	July 9	520
6883	55. BOWEN, S. T., Cutlery; Artificial Body Members: Dentistry; Surgery	Apr. 2	Apr. 5	1,291
4725	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	May 1	May 1	1,096
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driver and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	May 19	May 20	543
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	June 9	June 22	409
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	May 25	June 10	770
5896	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	May 16	May 16	547
5724	61. PARKS, G. E., Laminated Electrical Insulation; Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Apr. 18	Apr. 16	720
5621	62. PUGH, E. C., Games; Geometrical Instruments	June 13	June 15	645
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	June 2	June 2	503
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	May 10	May 10	1,126
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Apr. 15	Apr. 12	719
2099B	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND	Trade-Marks: Aug. 24	Sept. 3	1,290
		Labels and Prints: Sept. 9	Sept. 19	126
2605	DESIGNS: H. H. KALUPY	Aug. 22	Sept. 12	712

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

ELLIS *v.* MADDOX

No. 3,849. Decided April 25, 1938

[96 F.(2d) 308]

1. INTERFERENCE—ISSUES TO BE DETERMINED.

"The courts have pointed out that in certain cases • • • laches and abandonment have been held to be valid grounds of rejection of claims upon their ex parte consideration. Of course, it is proper to consider such subject matter under those circumstances, but not in an interference proceeding where priority of invention and ancillary matters only are involved."

2. SAME—SAME.

"The law is well settled that in an interference proceeding, in determining the right to make the counts, we may not give consideration to matters which go only to the patentability of the counts to one of the parties."

3. SAME—SAME—ESTOPPEL.

In interference proceeding between patent of junior party E and reissue application of senior party M *Held* consideration properly refused E's motion to dissolve on the ground that M by cancelling claims which were as broad or broader than the counts of the interference and obtaining a patent which did not contain the claims was estopped to make the counts since the motion presented a question not ancillary to priority, and the estoppel, if any, operated in favor of the public.

4. SAME—PRIORITY.

Record reviewed and *Held* priority properly awarded senior party M where it was found "that M had completed his invention prior to any date that could be allowed to E and that E did not meet the burden of showing that he was the first inventor."

APPEAL from Patent Office. Affirmed.

Messrs. Fay, Oberlin & Fay (*Mr. Almon S. Nelson* of counsel) for Ellis.

Messrs. Bates, Golrick & Teare (*Mr. Albert R. Teare* and *Mr. Walter F. Liesegang* of counsel) for Maddox.

BLAND, *J.*:

This is an appeal by William J. Ellis, the junior party, from a decision of the Board of Appeals of the United States Patent Office, affirming that of the Examiner of Interferences in awarding priority of invention in two counts of an interference to the senior party, William J. Maddox. The counts read as follows:

1. In a method of making a tubular abrasive element, the steps which consist in wrapping spirally upon a hollow mandrel an abrasive coated strip with the edges of adjacent convolutions in contact with each other, and securing said strip to said mandrel by interposing a layer of adhesive.

2. An abrasive element comprising a hollow cylindrical mandrel and a spirally wrapped abrasive coated sheet adhesively secured to said mandrel and completely covering the outer surface thereof, the convolutions of said sheet having adjacent edges in contact without overflowing.

The invention is concerned with an abrasive element comprising a hollow cylindrical mandrel and a spirally wrapped abrasive-coated sheet adhesively secured to the mandrel and completely covering the outer surface thereof. The novelty of the article covered by count 2 and the method of making the same, covered by count 1, chiefly reside in spirally wrapping the abrasive-coated sheet around the hollow mandrel with its adjacent edges in contact, without overlapping, so as to leave no uneven places. These mandrels are used for various abrading purposes by dentists and manufacturers of various articles, the finishing of which requires abrading or polishing. The abrading material which is adhesively secured to the hollow mandrel may consist of sandpaper, or of cloth which is coated with some abrading substance.

The interference is between a patent to Ellis, No. 1,929,274, issued on October 3, 1933, upon an application filed July 18, 1929, and an application of Maddox for a reissue of his patent No. 1,883,747, issued October 18, 1932, upon an application filed August 19, 1926. On December 4, 1933, about two months after the issuance of the Ellis patent, Maddox filed his reissue application in which he copied the two counts involved here from the Ellis patent.

It is conceded that Maddox in his original application disclosed the invention of the counts and that he therein claimed the invention in controversy in claims which are as broad or broader than the counts at bar, and that upon the rejection of these claims, he cancelled them and obtained a patent which did not contain claims covering the subject matter of the counts. Claims corresponding to the counts at bar stood rejected in the Ellis application upon the Maddox patent, and were allowed to Ellis upon his filing an affidavit under Rule 75.

From the above statement, it may be observed that the original Maddox application and the Ellis application were copending.

At the proper time the party Ellis moved to dissolve the interference upon the ground that Maddox, being estopped by reason of the above-stated facts, could not make the counts. The motion was denied, and upon appeal the Board of Appeals stated that at final hearing the Examiner of Interferences gave no consideration to appellant's contentions with respect to estoppel. The Board further stated that:

• • • As they are obviously not material to the validity of the Ellis patent, the Examiner properly refused to consider them at that time. As they are not ancillary to the question of priority, they will not be considered by us.

On this phase of the case, it is contended by Ellis that the invention, under the circumstances stated, is not patentable to Maddox and that it is well settled that his right to make the counts properly involves a consideration of his being estopped to claim them in view of the above-recited conduct. It is not contended by Ellis that the doctrine akin to equitable estoppel, applied in *Mason* v. *Hepburn*, 13 App. D. C. 86, 84 O. G. 147, and in many subsequently decided cases, is applicable here. It is argued at great length that since claims 17, 18, and 30 of the original Maddox application were directed to the same subject matter as that involved in this interference, and since this subject matter in

the original application was abandoned by the cancellation of the claims, it must be held, under well-settled law, that the applicant cannot afterwards claim the invention. It is argued in substance that if he cannot claim the invention and cannot be allowed the claims in a reissue application (having cancelled the claims and there being no inadvertence) he cannot successfully contest for an award of priority of the invention of the counts in a Patent Office interference proceeding. In other words, Ellis contends that the right of the party to make the counts involves the question of his being estopped from being allowed the claims in a reissue application.

A number of authorities are cited and discussed by appellant. The facts involved in the cases are quite different from those at bar. Some of the authorities cited are in no sense in point, while others are direct holdings opposed to the contentions of the appellant. For instance, *Herthel and Tifft* v. *Dubbs*, 20 C. C. P. A. (Patents) 1128, 65 F.(2d) 138, 437 O. G. 3, is cited to support the general proposition that the "question of estoppel created by laches is ancillary to priority and properly reviewable by" this court. That case is not authority for such a holding. On the contrary, this court in that case refused to regard a question in many respects similar to the one presented here as being ancillary to the question of priority. Other cases relied upon by the appellant do nothing more than establish the proposition that in some instances the right to make counts may be barred by reason of laches, or by reason of the applicability of a doctrine akin to equitable estoppel. No interference case has been cited or found where cancellation and abandonment of the subject matter of the counts in a prior application was held to be a bar to the right of one of the parties to make the counts.

[1] In a number of cases, including *Herthel and Tifft* v. *Dubbs*, supra, the courts have pointed out that in certain cases (some of them being relied upon there and relied upon by appellant here) laches and abandonment have been held to be valid grounds of rejection of claims upon their ex parte consideration. Of course, it is proper to consider such subject matter under those circumstances, but not in an interference proceeding where priority of invention and ancillary matters only are involved.

[2] The law is well settled that in an interference proceeding, in determining the right to make the counts, we may not give consideration to matters which go only to the patentability of the counts to one of the parties. *Brogden* v. *Slater*, 17 C. C. P. A. (Patents) 1240, 40 F.(2d) 988, 399 O. G. 630; *Trumbull* v. *Kirschbraun*, 21 C. C. P. A. (Patents) 758, 67 F.(2d) 974, 443 O. G. 567.

[3] It seems to us that the distinction between cases in interference proceedings where the courts have given consideration to the said estoppel doctrine and where they have refused to do so, rests primarily upon the answer to the question as to who is the resultant beneficiary of the estoppel. If there is any estoppel in the case at bar it must operate, we think, in favor of the public and not in favor of the appellant. In cases like *Mason* v. *Hepburn*, supra, it was held that the estoppel operated in favor of the second inventor. The public was not concerned. In the instant case, if anyone is concerned about appellee's cancellation and abandonment of the invention it is the public, and of this fact the appellant in this kind of proceeding cannot be heard to complain. Therefore, the tribunals correctly ruled that the grounds upon which appellant based his motion to dissolve raised a question not ancillary to priority and properly refused to give consideration to the same. *Bechtold* v. *Lanser*, 23 C. C. P. A. (Patents) 1051, 82 F.(2d) 415, 4 70 O. G. 723; *Derby* v. *Whitworth*, 20 C. C. P. A. (Patents) 791, 62 F.(2d) 368, 429 O. G. 191.

In this view of the case, it next becomes necessary for us to give consideration to the proof of record in order to determine who was the prior inventor of the subject matter of the counts. Appellant urges that since Maddox in his reissue application seeks to copy the claims of Ellis' issued patent, he is subject to the rule of being required to prove that he was the first inventor beyond a reasonable doubt and he points out the respects in which he thinks the proof of Maddox is not sufficient to establish, beyond a reasonable doubt, that he made the invention prior to Ellis' alleged proved date of February, 1926.

As to the Ellis proof, Ellis contends, in substance, that since he was the junior party, Maddox having been properly allowed the filing date of his original application for his reduction to practice and since the applications were copending, it was necessary for Ellis to prove that he was the first inventor by a preponderance of the evidence only, and that when his evidence established his dates as being prior to the filing date of the original Maddox application, the burden then shifted to Maddox to prove beyond a reasonable doubt that he was the first inventor. In view of our conclusion, it will not be necessary to consider the Ellis proof.

On the contention that Maddox is under the burden of proving his case beyond a reasonable doubt, Ellis relies upon the decision of this court in *Wiley* v. *Mears and Hynes*, 22 C. C. P. A. (Patents) 986, 75 F.(2d) 510, 456 O. G. 263. A superficial examination of that case might lead to the belief that the facts in that case were on all fours with the facts at bar. In that case it was held that Wiley (whose position in that case is claimed by appellant to be the same as that of Maddox in the instant case) was required to prove his case beyond a reasonable doubt, and certain authorities are there cited in support of the holding. An examination of those cited cases discloses that none of them involved facts similar to the facts at bar.

In *Wiley* v. *Mears and Hynes*, supra, Wiley, when he copied the claims, was not seeking a reissue of his old patent, nor was he filing a renewal, divisional, substitute, or continuing application in which he would be entitled to the filing date of a prior application in determining which of the parties was senior in the interference proceeding. See Underwood's Interference Practice, § 66; Revise, Interference Practice, § 77. The application in which he disclosed the invention of some of the counts was not the one which was in interference nor was there such continuity between them as to entitle the early disclosure to be considered for any purpose other than that of proof in establishing priority. In Wiley's application, in which he copied the Mears and Hynes claims, he stated that it was for an improvement of the disclosure in his prior patents. His application, therefore, was for an independent invention, and since it was filed subsequently to the issuance of the Mears and Hynes patent, and since he was not entitled to the date of his disclosure in his patent in determining which party had the burden of proof, he was properly made the junior party and as such, under the circumstances above recited, he was under the burden of proving that he was the first inventor beyond a a reasonable doubt.

This is not the situation in the instant case. Maddox clearly disclosed and claimed in his original application the issues of the counts. When in an application for reissue, filed subsequent to the issuance of the Ellis patent, he copied the Ellis claims, there was such continuity between the two applications as to entitle him to the date of the disclosure in his original patent application for all purposes. Under the circumstances stated, Maddox was the senior party. This fact is not disputed. See Underwood's Interference Practice, §§ 14, 66. The burden of proof, under such circumstances, did not fall upon him. However, if he chose to show that he had completed his invention prior to Ellis' alleged proved date of February, 1926, which was earlier than the filing date of the Maddox original application, it was his duty to go forward with his proof. In doing so, he, as stated by the Board, was under "no unusual burden of proof."

In the instant case, Ellis' earliest claimed date is in February, 1926. If the evidence shows that Maddox completed the invention of the counts prior to this date, it is immaterial what character of proof Ellis submitted to sustain his claim that he completed the invention by February, 1926, since it would follow that the junior party Ellis would not have met the burden imposed upon him.

With the issue thus outlined, we proceed to consider the Maddox proof, which is severely criticized by the appellant, and it must be conceded, as is suggested by the Board, that there are elements of weakness contained therein. The Board stated that the Ellis proof was of no higher character than that adduced on behalf of Maddox, and that the burden rested primarily on Ellis. The Board not only found that the Examiner correctly awarded priority to the party Maddox upon his proof that he made the invention prior to any date claimed by Ellis, but found that Ellis' testimony, although it was stated that it was unnecessary for it to be discussed, was not sufficient to meet his burden of proving priority of invention.

The appellee, William J. Maddox, testified in substance that he, for many years prior to the critical period involved here, had been engaged in the development, making and operation of several machines in the use of which spindles or mandrels like those involved here were employed and that in the development of the machines it was necessary that he also improve existing abrasive spindles or mandrels to use with the machines. His testimony shows that much of his work upon the mandrels was done prior to February, 1925. He fixes the date of the completion of one of these machines in February, 1925, by an invoice dated in the spring of 1925 for an electric motor which he states he bought to go on the first spindle sander; that not more than thirty days after buying the motor the machine was completed and operated and that its operation was successful. Various other exhibits were offered to establish the date of finishing the machine. It is at once apparent that if Maddox' proof shows a completion of the invention here at bar, it must depend largely upon the sufficiency of his proof to show the completion of the machines during that year.

Maddox' son Burton, whose testimony is relied upon, in part, as corroborating the testimony of his father, the appellee, testified to the effect that he worked with his father "in the Maddox Machine Company" during the years 1925 and 1926, where he started to work in 1922, and that part of his work consisted of manufacturing abrasive drums or mandrels; that they were first tried out on a lathe in the shop and that "Exhibit H was the first spindle ever used to turn out the spiral taper wound tube"; that he used it in sanding wood; that this operation was performed in the first part of the year 1925 "possibly February or March"; that Exhibit J, another mandrel like that involved here, was made right after the first step was taken; that Exhibit L was first seen by him about the first of March or the latter part of February, 1925; that it was first used on a lathe. Other exhibits which respond to the counts were testified to as being used in January or February, 1925, and certain blueprinting was introduced for the purpose of establishing these dates. Exhibits G and F are drawings of sanding machines. Burton Maddox testified that they were made about the same time—in the early part of 1925—the early part of January or February, 1925. Exhibit H, he testified, was the first machine that was completed and that a motor was used in this exhibit, which motor was purchased April 10, 1925, as is shown by the invoice, Exhibit M. Concerning the machine represented by Exhibit H, he testified as follows:

> Exhibit H was the first machine that was completed, using this motor on Exhibit M. With reference to the date on Exhibit M, I would say the first spindle machine was completed about the middle or the latter part of April, 1925, that is, the only purpose that the motor was purchased for. At the time the machine was completed the drums as shown on photographs Exhibit N were completed before that. I operated the machine like Exhibit N at Maddox Machine Co. upon its completion the last part of April, 1925. The operation consisted of trying and sanding different pieces of wood with very satisfactory results. I saw my father operate it various times by sanding different grades of wood with very successful results.

He identified other exhibits and corroborated the fact, as testified to by his father, that the machines using devices like that involved here were fully completed and operated in 1925.

The Examiner of Interferences found that the testimony of Charles J. Anderson corroborated that of the appellee Maddox. The Board made no mention of Anderson's testimony but stated that the existence of documentary proof removed the uncertainty and afforded "at least circumstantial corroboration of the dates alleged."

Anderson's testimony, we think, when considered as a whole, helps to fix the dates and corroborates some parts of the testimony of the appellee Maddox. He testified that he was a machinist and that in 1925 he made sanding and rubbing machines for Maddox. Concerning the machines represented by some of the exhibits, he stated that they were used by appellee Maddox in November and December, 1925, or early in 1926. He stated that he was over there every week or two during the year 1925 and saw the machines operate. It is true that his dates do not exactly coincide with the dates testified to by Maddox and his son, but he stated that it was possible he had seen the machines in operation prior to 1925. At any rate, his testimony should be given some weight as fixing the time of the completion of the Maddox machines earlier than February, 1926. It is also true that his manner of fixing the dates is not as convincing as it might be and that his testimony as a whole is somewhat unsatisfactory, but it cannot be fairly said that it does not, in some respects, corroborate the testimony of appellee.

After urging that the Maddox testimony must prove his dates beyond a reasonable doubt, appellant points to the fact that it is well settled that the testimony of the inventor himself is not sufficient to establish priority and suggests that—

> "The testimony of relatives, although not to be regarded as improper, nevertheless must be considered and accepted with caution. *Williams* v. *Shireffs*, 305 O. G. 631, 1922 C. D. 41."

Appellant has correctly stated the rule with reference to the testimony of relatives, but the testimony of the son in the instant case cannot be ignored or rejected merely because he is a relative.

Appellant also points out that Maddox testified that the cylindrical drum marked "Exhibit L" was the first cylindrical or straight drum made; that at that time (1925) he went to the hardware store and bought two rolls of abrasive cloth and that he bought no such cloth at any other time and that some of the drums that he made contained abrasive cloth. Appellant points out that the time he bought the cloth was not February, 1925, but January, 1926, as was evidenced by Maddox Exhibit AA, which Maddox stated was dated January 20, 1926, and which is the date shown upon the exhibit. This, appellant contends, shows that the sleeves were made in January, 1926, and not in 1925. In answer to this argument, counsel for Maddox replies in substance that while Maddox' testimony does show that he bought this cloth in 1926, this fact is not at variance with his preceding testimony because the first exhibits made were made of sandpaper and not of abrasive cloth.

[4] Upon the testimony produced by Maddox, the two tribunals of the Patent Office concurred in finding that Maddox completed his invention in the year 1925, which is earlier than any date claimed by Ellis. The usual rule as to concurring decisions applies here and such findings upon appeal will not be disturbed by this court unless they are manifestly wrong. Notwithstanding certain elements of weakness of the testimony relating to the Maddox dates which are stressed by appellant, we are of the opinion that the Board of Appeals properly found from it that Maddox had completed his invention prior to any date that could be allowed to Ellis and that Ellis did not meet the burden of showing that he was the first inventor.

We conclude that the Board properly awarded priority of invention in the counts at bar to the senior party Maddox and its decision here appealed from is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

OSTERMAN *v.* SALB

No. 3,918. Decided April 4, 1938

[95 F.(2d) 508]

1. INTERFERENCE—PRIORITY—DOCTRINE OF EMPLOYER AND EMPLOYEE.

   Held that "before the doctrine of employer and employee may be invoked, it must be established that the employer conceived and disclosed to the employee at least the broad idea of the invention involved." *Jameson* v. *Ellsworth*, 40 App. D. C. 164, 192 O. G. 218.

2. SAME—SAME.

   Record reviewed and *Held* that the junior party O. failed to establish priority of invention by a preponderance of evidence and that priority was properly awarded the senior party S.

APPEAL from Patent Office. Affirmed.

Messrs. Lockwood, Goldsmith & Galt and *Mr. Ralph G. Lockwood* for Osterman.

Messrs. Stone, Boyden and Mack (*Mr. J. Austin Stone* of counsel) for Salb.

LENROOT, *J.*:

This is an interference proceeding wherein the Board of Appeals of the United States Patent Office affirmed a decision of the Examiner of Interferences awarding to appellee priority of invention upon the three counts forming the issue of the interference. Appellant has brought the case before us for review.

The involved counts read as follows:

> 1. A process of preparing hexamethylenetetramine bismuth iodide, which process comprises reacting hexamethylenetetramine with bismuth iodide in the presence of hydriodic acid liquid solution the solvent in which permits the precipitation of hexamethylenetetramine bismuth iodide thus formed.
>
> 2. A process of preparing hexamethylenetetramine bismuth iodide, which process comprises dissolving bismuth iodide in alcohol containing hydriodic acid, and adding to the resulting solution a solution of hexamethylenetetramine in alcohol to form a precipitate comprising hexamethylenetetramine bismuth iodide.
>
> 3. A compound for therapeutic use, consisting of hexamethylenetetramine bismuth iodide in the form of red crystals, insoluble in water and in a number of the usual organic solvents, and being a valuable anti-syphilitic for oral administration.

The interference is between an application of appellee filed June 13, 1932, and an application of appellant filed August 23, 1932. Appellant is, therefore, the junior party, and the burden was upon him to establish priority of invention by a preponderance of evidence.

As appears from the counts, the invention relates to a process for preparing a compound described as hexamethylenetetramine bismuth iodide, and to the compound itself in the form of red crystals, claimed to be valuable in the treatment of syphilis.

The preliminary statement of appellant alleged conception of the invention on or about February 18, 1932, disclosure to others on or about February 19, 1932, and reduction to practice on July 24, 1932. The preliminary statement of appellee alleged conception on or about February 20, 1932, disclosure to others on or about May 15, 1932, and reduction to practice about May 25, 1932. Both parties took testimony.

The Examiner of Interferences held that appellant had not established conception of the invention prior to his filing date; that appellee had established conception of the invention as early as May 27, 1932; therefore, appellee being the first to conceive and first to reduce to practice, priority of invention upon the counts was awarded to him. The Board of Appeals concurred in this view of the Examiner of Interferences.

The testimony shows that appellant was, at the time of the taking of such testimony, treasurer and general manager of the Central Pharmacal Company, of Seymour, Ind., which company was engaged in the manufacture and distribution of pharmaceutical products and physicians' supplies; that appellant had been connected with said company for thirty years; and that he had completed a course in pharmacy at Purdue University, Lafayette, Ind., in 1903. With respect to his duties as general manager of said company, he testified as follows:

> • • • I direct and oversee and am in complete charge of the development and production, control, and distribution of the products distributed by the Central Pharmacal Company.

Appellee testified that his profession was that of chemist, bacteriologist, and pathologist; that he received the degree of Ph. C. from Purdue University in 1911, and the degree of M. D. from the St. Louis College of Physicians and Surgeons in 1919; that he had never practiced the profession of doctor of medicine, but at the time his testimony was taken was engaged in the practice of "pathological, bacteriological chemistry," under the name of the Salb Laboratories, Inc., Seymour, Ind.; that from 1912 to 1921 he was employed as a chemist by various concerns, and in August, 1921, he was employed as a chemist by said Central Pharmacal Company, and continued in such employ, with the exception of an interval of three months, from that time until October, 1929; that from October, 1929, to December, 1931, he was connected with the Seymour Clinic, conducted by a group of physicians, and in December, 1931, established his own laboratory; that from the time he left the employ of said Central Pharmacal Company until June 8, 1932, he was employed by said company only as a consultant, without any fixed salary; that he had been working upon the treatment of syphilis since 1915, and in 1930 made a series of bismuth compounds for intramuscular injection, one of which compounds he described as "bismuth sodium succinate."

Appellee testified that he conceived the involved invention on February 17, 1932, after reading an article in the February 13th issue of the Journal of the American Medical Association, in which an alleged remedy for syphilis, viz., Iodobismitol, was discussed. In this article hexamethylenetetramine was discussed as a compound which does not ionize, but yet can appear in the cerebrospinal fluid. However, this compound formed no part of the remedy discussed in said article. It appears that hexamethylenetetramine is a compound which has the power of penetrating the brain and spinal fluid.

Appellee further testified that he showed the article in said journal to appellant on or about February 19, 1932, and that he told appellant that he, appellee, could produce a compound of hexamethylenetetramine and bismuth iodide, but did not tell appellant how he would do it.

Appellant admits reading said article, and does not deny that appellee showed it to him. He, appellant, testified that on February 18, 1932, he, with the assistance of Miss Harrington, a chemist in the employ of said Central Pharmacal Company, set about to devise a formula which might embrace bismuth iodine and hexamethylenetetramine in a compound which could be used for the treatment of "venereal disease"; that he conceived such a formula, which was placed upon paper, for the most part in the handwriting of Miss Harrington; and that, on the next day, appellant requested appellee to assist him in the production of a compound which would contain said elements in the approximate proportions shown in said formula. Said formula was introduced in evidence as appellant's Exhibit 1. Appellant further testified that he supplied appellee with the materials which might be used in the production of said compound; that he discussed the formula with appellee, and that his chemist, Miss Harrington, assisted appellee in experiments with the formula; that on March 4, 1932, he obtained a sample of the compound represented by said formula from appellee.

In appellant's testimony we find the following question and answer:

> Q. 37. At the time you drew up the formula, did you have any method or plan which you would follow to make the compound?
>
> A. The manufacture of the compound would be obvious by looking at the composition of the formula. For example, my compound required the presence of bismuth, iodine, nitrogen, carbon and hydrogen, as associated in hexamethylenetetramine. Therefore, you would use in the production of a compound which would answer the description of my formula, a bismuth salt of iodine and an iodide of hexamethylenetetramine. I believe that answers your question.

Appellant testified further that on June 6, 1932, he made a written description of the invention and signed it, his wife and daughter witnessing his signature; that he placed it in an envelope, ad-

dressed it to himself, and registered it; and that it was opened for the first time when his testimony was taken, on November 2, 1934. This letter was offered in evidence as Exhibit 4.

Appellant further testified that appellee's relations with the Central Pharmacal Company were severed in June, 1932; that appellee was paid upon the basis of a salary of $200 per month, and that the Central Pharmacal Company paid for the materials used by appellee in producing the compound here involved; that he, appellant, got the idea of the use of hexamethylenetetramine in the compound here involved by being familiar with a compound containing hexamethylenetetramine and iodine, made by the Central Pharmacal Company, and used by appellant's father, who was a practicing physician, in the treatment of various infections; that prior to February 18, 1932, and in 1931, he was interested, for his company, in obtaining a bismuth compound which might be beneficial in the treatment of "venereal disease", and which could be produced and sold by his company to physicians.

Eloise Harrington, a witness in behalf of appellant, corroborated appellant's testimony with respect to the making of said formula, Exhibit 1; she testified that he communicated the same to her, and that she, under his direction, wrote most of the formula, appellant writing a small portion thereof.

Appellee testified that in March, 1932, he produced the compound embraced in the involved counts; that appellant never disclosed to him the said formula, Exhibit 1, and that he, appellee, did not disclose to appellant the involved invention; and that he never gave to appellant any samples of the involved compound. We also understand from appellee's testimony that he claims that he never gave to any employee of Central Pharmacal Company any samples of his product, but did give to Miss Harrington, for analysis, some test tubes containing the condensed product of brains of animals which had been treated with his product, and also sent her one or two rats which had been so treated. Appellee further testified that he had trained Miss Harrington in chemical operations, and that he asked her to make certain tests of the material contained in said test tubes, as a personal favor to him; that he placed upon the market the compound embraced in the involved counts in the latter part of May and the first part of June, 1932, and that the first shipment of said compound was on July 3, 1932.

[1] The foregoing is a very brief outline of the testimony relating to the conception of the involved invention by the parties. We have examined all of the testimony with care, and do not deem it necessary to present it further in detail. Much of the testimony relates to the subject of whether, from February 18, 1932, to June, 1932, appellee was an employee of the Central Pharmacal Company; but, in view of our conclusion, this is a matter of no importance in this proceeding, for the reason that, before the doctrine of employer and employee may be invoked, it must be established that the employer conceived and disclosed to the employee at least the broad idea of the invention involved. *Jameson* v. *Ellsworth*, 40 App. D. C. 164, 192 O. G. 218.

The Patent Office tribunals concurred in finding that appellant had not established conception of the invention prior to his filing date; specifically, it was held that the formula, appellant's Exhibit 1, and the evidence connected therewith, did not establish conception of the invention embraced in the counts, and furthermore, that appellant's Exhibit 4, the registered letter hereinbefore referred to, did not establish such conception.

The question of conception of the invention is a question of fact, involving highly technical questions of chemistry, and the rule is here especially applicable that concurring decisions of the Patent Office tribunals upon questions of fact will not be disturbed unless it appears that such decisions are manifestly wrong.

We are frank to say that the testimony upon both sides is far from satisfactory, and the testimony of both appellant and appellee impresses us as being lacking in complete frankness.

We shall point out a few of the specific points in the record which lead us to the conclusion that we, under the rule above stated, would not be warranted in reversing the decision appealed from. We shall confine our discussion largely to the formula, appellant's Exhibit 1, for it is immaterial whether appellant's Exhibit 4 disclosed the involved invention, since it is dated June 6, 1932, which is subsequent to appellee's date of conception, viz, as early as May 27, 1932, which date is well established by the record.

It is true that appellant positively testified that Exhibit 1 was made on February 18, 1932, and in this he is corroborated by the witness Harrington. Also, one Dr. Harger, a qualified chemist employed as an expert witness by appellant or his company, testified that said Exhibit 1 constituted a complete disclosure of the invention here involved. That Exhibit 1 discloses the invention was flatly denied by appellee, himself a qualified chemist, and, as hereinbefore stated, the Patent Office tribunals have found that it does not disclose the invention. While appellant testified that he disclosed to appellee the formula shown in Exhibit 1, he does not claim to have left said exhibit with appellee, which would have been expected if appellant believed that said exhibit disclosed the invention here involved.

Another fact pertinent to this question is that, in the February, 1934, term of the Jackson Circuit Court in the State of Indiana, in an action there pending, brought by the Central Pharmacal Company against appellee and others, involving, among other things, the invention before us, the plaintiff in that action filed what was termed a "Second Amended Complaint," which alleged that appellee discovered and invented the compound set out in Exhibit A, attached to said complaint, as a part of his duties as an employee of plaintiff. There appears in the record a document entitled "Second Amended Exhibit A," as a part of said "Second Amended Complaint." Said "Second Amended Exhibit A" sets out a formula for the compound there involved, which compound apparently is embraced in the counts here involved. This pleading was introduced in evidence in the instant proceeding by appellant.

In the instant proceeding appellant testified that, at the time the complaint was filed in said circuit court of Indiana, he was acquainted with the contents thereof and believed the statements therein to be correct. He further testified that, upon the trial of said action, the formula, Exhibit 1 in this proceeding, was not referred to because he, appellant, did not think that it had any bearing upon that case.

Another circumstance which we consider of importance is that, although appellant testified in the instant proceeding that the manufacture of the compound would be obvious by looking at the composition of his formula, Exhibit 1, when the Central Pharmacal Company finally produced a compound embraced in the counts here involved, appellant's formula, Exhibit 1, apparently was not followed, but appellee's product was analyzed and reconstructed by chemists in the employ of the Central Pharmacal Company, and it appears that eight weeks of experimenting ensued before the compound was produced.

Another circumstance, perhaps of minor importance, is that nowhere in appellant's application for patent is the formula, Exhibit 1, set out, although this may be due to the fact, if fact it be, that, in perfecting the product, a different formula in some minor particulars was used.

On the other hand, we are of opinion that appellee did furnish to appellant or Miss Harrington samples of the compound produced by him, and that she assisted him in making tests of the same. Without attempting to analyze the testimony further, we content ourselves with stating that, after a careful examination of the entire record, we are not satisfied that the Board of Appeals was manifestly wrong in its decision.

[2] The burden was upon appellant to establish priority by a preponderance of evidence, and we are not satisfied that he has done this.

The decision of the Board of Appeals is, therefore, affirmed.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,451,491. (See Re. 19,891.)

1,477,944, C. de Vere, Phonograph; 1,622,756, D. D. Beenken, Multiple record phonograph; 2,002,236, R. I. Wilcox, Automatic phonograph, filed Aug. 4, 1938, D. C. Minn. (St. Paul), Doc. E 2962, *The Rudolph Wurlitzer Co.* v. *W. M. Filben et al.*

1,573,341, E. B. Hiatt, Device for packing fruit; 1,593,302, same, Basket liner, filed Aug. 10, 1938, D. C., W. D. Mich. (Grand Rapids), Doc. 2835, *Carpenter-Hiatt Sales Corp.* v. *Sutherland Paper Co. et al.*

1,593,302. (See 1,573,341.) 1,622,756. (See 1,477,944.)

1,654,167, W. A. Gibbons, Process for pulverizing rubber; 1,784,523, E. Hopkinson, Method of rubberizing fibrous material and article produced thereby; 1,816,574, Foster & Cook, Pile or tufted fibrous material, C. C. A., 2d Cir., Doc. —, *U. S. Rubber Co.* v. *Sidney Blumenthal & Co., Inc.* Decree affirmed (notice Aug. 4, 1938).

1,690,109, R. A. Gross, Collapsible box; 1,758,510, same, Paper box; 1,940,213, same, Knockdown paper box with cover, filed Aug. 20, 1938, D. C., E. D. Mo. (St. Louis), Doc. 12700, *Simplex Paper Box Corp. et al.* v. *Rosenthal Paper Co.*

1,728,780, W. C. Burns, Cuboid support; 2,081,474, same, Cuboid-metatarsal arch support, filed Aug. 4, 1938, D. C., S. D. Calif. (Los Angeles), Doc. E 1434–RJ, *W. C. Burns* v. *Air-Lock Rubber Products Co. et al.*

1,736,544, H. E. Mead, Cigar lighter, filed Aug. 10, 1938, D. C., N. D. Ill., E. Div., Doc. 16188, *The Automatic Devices Corp.* v. *Sinko Tool & Mfg. Co.*

1,739,587, L. Greenberg, Oscillating device, filed July 13, 1938, D. C., N. D. Ill., E. Div., Doc. 16154, *L. Greenberg* v. *Chicago Flexible Shaft Co.*

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1,774,532, E. L. Smith, Hair curler; 1,849,770, same, Apparatus for use in connection with hair curling and waving devices; 1,916,687, same, Apparatus for curling hair, D. C., N. D. Calif. (San Francisco), Doc. E 2962–S, *L. J. Marcus et al.* (*Ringlette Permanent Co.*) v. *E. L. Smith* (*Paramount Permanent Wave Co.*). Dismissed without prejudice Aug. 6, 1938.

1,784,523. (See 1,654,167.)

1,789,379, S. V. Dillon, Pipe coupling, C. C. A., 10th Cir., Doc. 1577, *The Dillon Co.* v. *Continental Supply Co.* Decree affirmed Aug. 15, 1938.

1,798,278, Scott & Turner, Fender for vehicles, filed July 5, 1938, D. C., N. D. Ill., E. Div., Doc. 16141. *American Chain & Cable Co., Inc.*, v. *American Automatic Devices Co.* Same, filed Aug. 15, 1938, D. C., N. D. Ill., E. Div., Doc. 16193, *American Chain & Cable Co., Inc.*, v. *Erie Mfg. Co., Inc.*

1,802,700, V. A. Boker, Nozzle for lubricating systems, appeal filed Aug. 27, 1938, C. C. A., 8th Cir., Doc. 11296, *Min-A-Max Co., Inc.*, v. *E. Sundholm.*

1,803,582, P. Zucco, Cement composition, filed Aug. 12, 1938, D. C., N. D. Ind. (Hammond), Doc. E 659, *A. Zucco* v. *Atlas Lumnite Cement Co.*

1,816,574. (See 1,654,167.)

1,819,923, C. Schlumberger, Electrical process and apparatus for the determination of the nature of the geological formations traversed by drill holes; 1,913,293, same, Electrical process for the geological investigation of the porous strata traversed by drill holes, filed Aug. 4, 1938, D. C., S. D. Tex. (Houston), Doc. E 792, *Schlumberger Well Survey Corp.* v. *Halliburton Oil Well Cementing Co.*

1,849,770. (See 1,774,532.)

1,862,340, V. T. Hoeflich, Convoluted ornament of flexible material; 1,888,197, same, Machine for making convoluted structures of flexible material; 1,888,198, same, Method of making convoluted ornaments of flexible material; 2,112,723, I. J. Wisoff, Decorative material, filed Aug. 16, 1938, D. C., S. D. N. Y., Doc. E 87/322, *N. Y. Merchandise Co., Inc.*, v. *American Merri-Lei Corp.*

1,880,192. (See 1,963,348.) 1,888,197. (See 1,862,340.)

1,888,198. (See 1,862,340.)

1,893,535 (*a*), M. K. Buchanan, Ice cube pan lifter; 2,043,881, Buchanan & Horton, Ice cube pan, filed Aug. 19, 1938, D. C., E. D. N. Y., Doc. E 8602, *Mechanical Ice Tray Corp.* v. *Abraham & Straus, Inc.*

1,893,535 (*b*), M. K. Buchanan, Ice cube pan lifter; Re. 18,819, Buchanan & Horton, Refrigerating pan; 1,932,689, same, Ice cube pan; 2,043,881, Buchanan & Horton, Ice cube pan, filed Aug. 17, 1938, D. C., S. D. N. Y., Doc. E 87/326, *Mechanical Ice Tray Corp.* v. *Fairbanks, Morse & Co.*

1,905,107, A. H. Kersting, Sash balance; 1,907,830, same, Spring sash balance housing, D. C., S. D. Calif.,

C. Div., Doc. E 1403–M, *A. H. Kersting* v. *W. H. Fabry Mfg. Co., Inc.* Consent decree finding patents valid and infringed as to all claims, injunction Aug. 8, 1938.

1,907,830. (See 1,905,107.) 1,913,293. (See 1,819,923.)

1,916,687. (See 1,774,532.)

1,917,261, P. E. Hawkinson, Method of retreading tire casings; 2,034,618, 1,917,262, same, Apparatus for retreading tire casings, filed Aug. 10, 1938, D. C., W. D. Wash., N. Div., Doc. 1224, *P. E. Hawkinson Co.* v. *Barnes & Fisher Mfg. Co.*

1,917,262. (See 1,917,261.)

1,932,689. (See 1,893,535 (*b*).)

1,940,213. (See 1,690,109.)

1,963,348, 1,880,192, 1,963,349, E. E. Boyce, Sewing machine; 1,984,772, W. A. Stewart, Combined looper and loop cutting attachment for sewing machines, filed Aug. 8, 1938, D. C., N. D. Ga. (Rome), Doc. E 142, *The Boysell Co.* v. *O'Jay Bedspread Co.*

1,963,349. (See 1,963,348.)

1,967,024, S. C. Fulton, Insecticide, filed Aug. 15, 1938, D. C. Conn. (New Haven), Doc. E 2714, *Stanco, Inc.*, v. *W. C. Parrott et al.*

1,968,409, 1,968,410, B. Liebowitz, Apparel, C. C. A., 2d Cir., Doc. —, *Trubenizing Process Corp.* v. *T. Jacobson et al.* Decree affirmed (notice Aug. 23, 1938).

1,968,410. (See 1,968,409.)

1,970,698, H. H. Hanson, Portable repair vulcanizer, 2,070,428, F. H. Ford, Composition fuel, filed Aug. 19, 1938, D. C., E. D. Okla. (Muskogee), Doc. E 4834, *The Shaler Co.* v. *H. B. Egan Mfg. Co.*

1,983,963, Belton & Belton, Rubber product having roughened or crinkled surface and method of producing same; 2,064,143, same, Rubber glove and process of making same, D. C., N. D. Ohio, E. Div., Doc. E 5647, *Seiberling Latex Products Co.* v. *The Lincoln Rubber Co. et al.* Patent 2,064,143, held valid and infringed, injunction June 16, 1938.

1,984,772. (See 1,963,348.)

1,988,056, F. W. Storck, Method and apparatus for duplicating printed matter; Re. 19,951, same, Apparatus for duplicating imprinted matter, appeal filed July 22, 1938, C. C. A., 1st Cir., Doc. 3364, *Standard Mailing Machines Co.* v. *Ditto, Inc.*

2,002,236. (See 1,477,944.) 2,015,217. (See 2,018,294.)

2,018,294, R. W. Baily, Apparatus for eliminating the transmission of vibrations; 2,094,910, same, Apparatus for compacting and surfacing plastic material; 2,110,413, same, Apparatus for controlling the transmission of vibrations; 2,015,217, M. Deniau, Method based upon the use of vibrations and apparatus therefor, filed Aug. 8, 1938, D. C., S. D. Iowa (Des Moines), Doc. E 4651, *R. W. Baily et al.* v. *Sani Construction Co.*

2,021,233, H. F. Fink, Display case; T. M. 340,549, Hussmann-Ligonier Co., Refrigerator and refrigerating unit, appeal filed Aug. 15, 1938, C. C. A., 8th Cir., Doc. 11285, *Hussmann-Ligonier Co.* v. *Gamp Electric Co., Inc.*

2,034,618. (See 1,917,261.)

2,043,881. (See 1,893,535 (*a*) and (*b*).)

2,064,143. (See 1,983,963.) 2,070,428. (See 1,970,698.)

2,081,474. (See 1,728,780.)

2,084,694, J. V. Martin, Aerodynamic auto; Des. 82,044, same, Automobile body, filed Aug. 15, 1938, D. C., E. D. N. Y., Doc. E 8598, *J. V. Martin* v. *The B. & O. R. R. Co.*

2,094,910. (See 2,018,294.) 2,110,413. (See 2,018,294.)

2,112,723. (See 1,862,340.)

Re. 18,819. (See 1,893,535 (*b*).)

Re. 19,891 (of 1,451,491), S. H. Calkins, Pattern and guide strip, filed Aug. 12, 1938, D. C., E. D. N. Y., Doc. E 8597, *The Traitel Marble Co.* v. *Sunlight Flooring Co., Inc., et al.* Same, filed Aug. 26, 1938, D. C., E. D. Pa., Doc. 10115, *The Traitel Marble Co.* v. *Italian Marble Mosaic Co.*

Re. 19,951. (See 1,988,056.)

Des. 82,044. (See 2,084,694.)

T. M. 173,760, J. C. Michael Co., Dresses and apron, filed July 25, 1938, D. C., N. D. Ill., E. Div., Doc. 16168. *J. C. Michael Co.* v. *H. Deitchman et al.* (*Nifty Garment Co.*).

T. M. 313,768, Esquire Publishing Co., Monthly publication, filed July 1, 1938, D. C., N. D. Ill., E. Div., Doc. 16133, *Esquire-Coronet, Inc.*, v. *J. K. Levy et al.* (*Best Plan Co.*).

T. M. 340,549. (See 2,021,233.)

Disclaimers

1,634,367.—*Ludger Elize La Brie*, South Bend, Ind. BRAKE. Patent dated July 5, 1927. Disclaimer filed September 24, 1938, by the assignee, *Bendix Brake Company.*

Hereby enters this disclaimer of claim 13 of said patent.

1,708,167.—*William J. Andres*, South Bend, Ind. BRAKE MECHANISM. Patent dated April 9, 1929. Disclaimer filed September 24, 1938, by the assignee, *Bendix Brake Company.*

Hereby enters this disclaimer of claim 1 of said patent.

1,709,709.—*Robert T. Brizzolara*, New Dorp, N. Y. DEVICE FOR PRODUCING ICE CUBES. Patent dated April 16, 1929. Disclaimer filed October 1, 1938, by the assignee, *Joseph A. Martocello.*

Hereby enters this disclaimer to claims 3, 7, and 8 in said specification.

1,947,748.—*George Van Wormer*, Hamilton, Ohio. PAPER CLEANING MACHINE. Patent dated February 20, 1934. Disclaimer filed September 26, 1938, by the patentee.

Hereby enters this disclaimer to the part of claim 1 and claim 2 that relates to the paper brushing devices arranged to engage a moving sheet, except where the brushes are made of a fairly heavy hog bristle and are arranged to rotate in the direction in which the sheet is moving; and that part of claim 3 that relates to rotary brushes except where they are made of a fairly heavy hog bristle.

TRADE-MARKS

OFFICIAL GAZETTE, OCTOBER 18, 1938

[VOL. 495. No. 3]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 405,983. W. ATLEE BURPEE COMPANY, Philadelphia, Pa. Filed May 4, 1938.

"Merriwinkle"

For Garden Seeds.
Claims use since Mar. 14, 1938.

Ser. No. 407,425. CROOKHAM COMPANY, Caldwell, Idaho. Filed June 13, 1938.

IDAHYBRID

For Corn Seed.
Claims use since Feb. 1, 1938.

Ser. No. 409,271. KISTLER, LESH & COMPANY, INCORPORATED, Boston, Mass. Filed Aug. 5, 1938.

COBRA

For Hides and Leather.
Claims use since Aug. 1, 1938.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 404,110. BÖHME FETTCHEMIE-GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Chemnitz, Germany, assignor to E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del. Filed Mar. 16, 1938.

Modinal

For Chemical Abrasive Compounds, Washing Preparations, Spot-Removing Preparations, Cleaning and Scouring Preparations.
Claims use since Jan. 26, 1938.

Ser. No. 409,463. EMERY INDUSTRIES, INC., Cincinnati, Ohio. Filed Aug. 11, 1938. Under 10-year proviso.

EMERY

For Liquid and Powdered Detergents for Laundry, Dry Cleaning, and Other Industrial Purposes.
Claims use since 1840.

Ser. No. 409,872. EVERETT AND BARRON COMPANY, Providence, R. I. Filed Aug. 23, 1938.

Royal Derby

For Shoe Dressings.
Claims use since 1920.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 352,450. CHARLES RICHARD RUTHERFORD, Shelly Bay, Bermuda, and New York, N. Y. Filed June 8, 1934.

THE HOUSE OF FIDELWOOD FRAGRANCE

The words "Of Fragrance" are disclaimed.
For Perfume.
Claims use since Dec. 1, 1933.

Ser. No. 390,967. MARTIN W. PRETORIUS, Burbank, Calif. Filed Apr. 5, 1937.

NEW CENTURY

For Therapeutic Preparations in the Nature of Dehydrated Vegetables for Use in Replenishing Essential Minerals to the Human System.
Claims use since Mar. 1, 1935.

Ser. No. 395,657. TABLE ROCK LABORATORIES, INC., Greenville, S. C. Filed July 26, 1937.

EXVILIN

For Reconstructive Tonic Recommended for the Treatment of Secondary Anemia.
Claims use since June 1, 1937.

Ser. No. 396,328. WOBURN DEGREASING COMPANY OF NEW JERSEY, Harrison, N. J. Filed Aug. 12, 1937.

OLIVINE

For Fatty Acids.
Claims use since July 1, 1934.

Ser. No. 406,261. ANDREW OSBORN, doing business as Union Products Company, Detroit, Mich. Filed May 12, 1938.



The portrait is fanciful. The words "A Certified Quality Product" and "Queen of Herbs" are disclaimed apart from the mark. The colors of the mark are yellow, green, and red.

For Medicinal Herbs and Medicinal Herb Teas to Rectify Stomach Disorders, to Aid Digestion, to Alleviate Kidney Disorders, to Serve as Tonics Aiding in Cases of Rheumatism and Possessing Laxative Effects, Separate Herbs or Mixtures of Herbs Being Used for the Respective Purposes.
Claims use since Jan. 3, 1937.

Ser. No. 406,926. KEENE PHARMACAL COMPANY, Indianapolis, Ind. Filed May 31, 1938.

WINTER-X

For Pharmaceutical Preparations for Use in the Treatment of Rheumatism, Headache, and Neuralgia and Liniment for External Use for the Relief of Aches and Pains.
Claims use since April, 1934.

Ser. No. 407,396. THOMAS & WALTERS, INCORPORATED, Los Angeles, Calif. Filed June 11, 1938.

Caladerm

For Medicinal Compound or a Mixture for the Treatment of Inflammatory Skin Conditions.
Claims use since July 24, 1936.

Ser. No. 408,584. STANDARD OIL COMPANY OF CALIFORNIA, Wilmington, Del., and San Francisco, Calif. Filed July 16, 1938.

FERITEX

For Materials for Chemically Treating Metallic Surfaces to Produce an Etched or Pitted Condition or a Film Thereon.
Claims use since May 26, 1938.

Ser. No. 408,883. FRANK S. HATA, doing business as Blossom Girl Cosmetic Co., Los Angeles, Calif. Filed July 25, 1938.

Blossom Girl

For Cosmetics, Facial Creams, Beauty Preparations, and Face Powders, Particularly Cleansing Cream, Nourishing Cream, Foundation Lotion, Hand Lotion, Liquid Powder, Cream Powder, Face Powder, Astringent Lotion, Clay Pack (Mask), Brilliantine, Pomade, Lip Stick, Rouge, Oil Shampoo, Finger Wave Lotion, Eye Brow and Eye Lash Paste, Perfumes, Liquid Dry Polish, Bath Perfume, Nail Polish, Powder Box Refills, Finishing Cream, Skin Freshener, Finishing Lotion, Circulation Cream, Acne Cream, Muscle Oil, Lash Liquid, Lash Cosmetic, Hand Cream, Eye Shadow, Cream Mascara, Eye Brow Pencil.
Claims use since June 29, 1938.

Ser. No. 408,933. V. L. TURRILL, doing business as Dr. V. L. Turrill Clinic, Tulsa, Okla. Filed July 26, 1938.

NE-O-KO

For Preparation in Powder Form to be Dissolved in Water for Use as a Deodorant, Astringent, and Antiseptic Douche.
Claims use since June 16, 1938.

Ser. No. 409,023. MIDWEST OIL COMPANY, Minneapolis, Minn. Filed July 29, 1938.

Ace

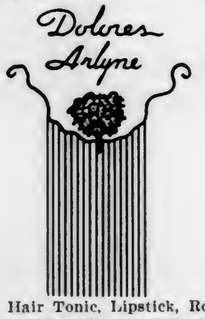
For Insecticide to Kill and/or Repel Mosquitoes, Flies, Ants, and Other Insects Which Molest Man and Beast.
Claims use since Mar. 31, 1930.

Ser. No. 409,056. PENICK & FORD, LTD. INCORPORATED, New York, N. Y. Filed July 29, 1938.

CLEARSOL

For Preparations Used in Finishing Papers and Textiles, and Laundry Starch.
Claims use since Jan. 13, 1930.

Ser. No. 409,120. DAW DRUG CO., INC., Rochester, N. Y. Filed Aug. 1, 1938.



For Shampoo, Hair Tonic, Lipstick, Rouge, Face Powder, and Nail Polish, Face Creams, Skin Tonics, Mascara, Eye Shadows, Perfumes, Toilet Waters, and Sachet.
Claims use since January, 1938.

Ser. No. 409,122. HERBERT GARDNER, Chicago, Ill. Filed Aug. 1, 1938.

VAEL

For Medicated Sponge to Prevent the Spread of Contagious Diseases.
Claims use since Sept. 10, 1936.

Ser. No. 409,178. WINTHROP CHEMICAL COMPANY, INC., New York, N. Y. Filed Aug. 2, 1938.

ALPHAXIN

For Vitamin A Preparation, for the Prevention and Treatment of Deficiencies of Growth-Promoting and Anti-ophthalmic Vitamin A.
Claims use since July 8, 1938.

Ser. No. 409,179. WINTHROP CHEMICAL COMPANY, INC., New York, N. Y. Filed Aug. 2, 1938.

BeCeTax

For Compound Vitamin B and Vitamin C Preparation for the Prevention and Treatment of Deficiencies of Anti-neuritic and Antipellagric Vitamin B and Antiscorbutic Vitamin C.
Claims use since July 8, 1938.

Ser. No. 409,180. WINTHROP CHEMICAL COMPANY, INC., New York, N. Y. Filed Aug. 2, 1938.

CANTAXIN

For Vitamin C Preparation for the Prevention and Treatment of Deficiencies of Antiscorbutic Vitamin C.
Claims use since July 8, 1938.

Ser. No. 409,181. WINTHROP CHEMICAL COMPANY, INC., New York, N. Y. Filed Aug. 2, 1938.

DELTAXIN

For Vitamin D Preparation for the Prevention and Treatment of Deficiencies of Antirachitic Vitamin D.
Claims use since July 8, 1938.

Ser. No. 409,182. WINTHROP CHEMICAL COMPANY, INC., New York, N. Y. Filed Aug. 2, 1938.

FLAVAXIN

For Preparation for the Treatment of Vitamin Deficiency Involving Especially an Isolated Component of the Vitamin B Complex Known as Riboflavin or Lactoflavin.
Claims use since July 8, 1938.

Ser. No. 409,183. WINTHROP CHEMICAL COMPANY, INC., New York, N. Y. Filed Aug. 2, 1938.

POLYTAXIN

For Compound Vitamin Preparation for the Prevention and Treatment of Combined Deficiencies (A, B, C, D, E, Etc.) of Various Vitamins.
Claims use since July 8, 1938.

CLASS 8

Smokers' Articles, Not Including Tobacco Products

Ser. No. 391,904. TALBERT M. DICK and MAURICE J. FLETCHER, Des Moines, Iowa., assignors to Talbert M. Dick, as trustee for Cadet Smoke Stand Company, a common-law trust, doing business at Des Moines, Iowa. Filed Apr. 27, 1937.

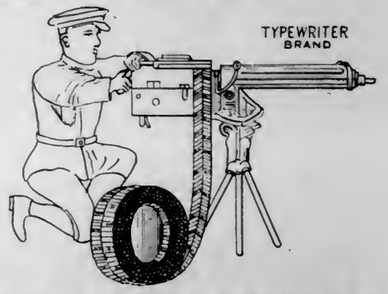
CADET

For Tobacco Ash Receptacles.
Claims use since Mar. 15, 1937.

CLASS 9

Explosives, Firearms, Equipments, and Projectiles

Ser. No. 381,201. LI & FUNG, doing business as To-Yiu, Canton, China. Filed July 20, 1936.



The word "Brand" and the representation of the goods are disclaimed apart from the mark.
For Firecrackers and Fireworks.
Claims use since Mar. 25, 1932.

CLASS 12

Construction Materials

Ser. No. 409,228. BALTIMORE ASPHALT BLOCK & TILE CO., Baltimore, Md. Filed Aug. 4, 1938.

BABCO

For Bituminous Paving Mixture.
Claims use since July, 1936.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 407,413. AUTO-CHLOR SYSTEM, INC., Memphis, Tenn. Filed June 13, 1938.

Auto-Chlor SYSTEM

The word "System" is disclaimed apart from the mark.
For Chlorinating Units for Use With Water Systems.
Claims use since Feb. 4, 1937.

Ser. No. 409,262. CROWN FASTENER CORPORATION, Warren, R. I. Filed Aug. 5, 1938.

MOSAIC

For Separable Slide Fasteners.
Claims use since July 20, 1938.

Ser. No. 409,278. MCGRAW-PENNELL, INC., Detroit, Mich. Filed Aug. 5, 1938.

DUROFLEX

For Nozzle Spouts.
Claims use since July 29, 1937.

Ser. No. 409,743. PHOENIX MANUFACTURING COMPANY, Joliet, Ill. Filed Aug. 18, 1938.

For Bushings for the Openings of Metal Barrels, Drums, Tanks, and Boilers, and Tank Lugs.
Claims use since June 30, 1936.

CLASS 16

Paints and Painters' Materials

Ser. No. 394,065. TWIN CITY SHELLAC CO., INC. Brooklyn, N. Y. Filed June 14, 1937.

DAN-DEE

For Prepared White Shellac and Paint and Varnish Remover.
Claims use since 1933.

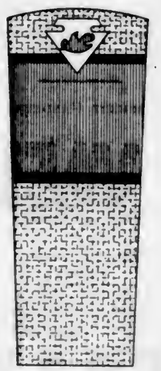
Ser. No. 394,689. ACE PAINT PRODUCTS CO., Chicago, Ill. Filed June 30, 1937.

ACE'CO FINE

"Ace leads them all"

Applicant disclaims the word "Fine" apart from its use of the mark shown.
For Ready Mixed Paints and Varnishes.
Claims use since May 19, 1932.

Ser. No. 407,357. CARDINAL LABORATORIES, INC., Chicago, Ill. Filed June 11, 1938.



The representation of the label is disclaimed per se. The drawing is lined for red and yellow.
For Oil, Wax, and Emulsion Polishes for Wood, Furniture, and Other Surfaces; Paste Wax, Liquid Wax, Self-Polishing Wax, Dance Wax, Auto Polish, Prepared Oil for Mops, Prepared Shellac, a Liquid Compound Containing Coloring Material for Filling in Scratches Generally Referred to as Scratch Remover, Linseed Oil, Putty, Turpentine, Paint Remover, a Compound in Liquid Form for Removing Paint From and Cleaning Paint Brushes, and a Viscous Compound for Filling Cracks.
Claims use since Apr. 1, 1938.

Ser. No. 407,648. THEODORE C. HENSCHEL, doing business as Henschel Supply Company, New York, N. Y. Filed June 20, 1938.

Lust-R-Glo

For Automobile Polishes, Furniture Polishes, Polishing Waxes, Polishing Compounds for Finished Surfaces.
Claims use since Apr. 10, 1938.

Ser. No. 408,047. L. R. BRADLEY, doing business as The Periscal Company, New York, N. Y. Filed June 30, 1938.



For Paint Oils and Vehicles; Paints, Paste and Ready Mixed; Paint Enamels, Lacquers, Varnishes, and Other Decorative and Protective Liquid Coatings Formulated From Both Natural and Synthetic Resins, Vegetable Oils, Mineral and Chemical Pigments, and Nitro-Cellulose Bases.
Claims use since Oct. 1, 1931.

Ser. No. 408,207. ROCKFORD PAINT MANUFACTURING CO., Rockford, Ill. Filed July 5, 1938.

rockcote

For Ready Mixed Paint, Paint Pastes, Varnish, and Paint Enamel.
Claims use since July, 1933.

Ser. No. 409,611. GAMBLE STORES, INCORPORATED, Minneapolis, Minn. Filed Aug. 15, 1938.

HOMEGUARD

For Ready Mixed, Dry, and Paste Paints.
Claims use since May, 1935.

CLASS 21

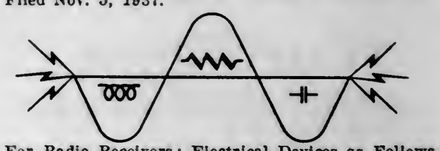
Electrical Apparatus, Machines, and Supplies

Ser. No. 395,744. MCGRAW ELECTRIC COMPANY, Chicago, Ill., and St. Louis, Mo. Filed July 30, 1937.

MOTORTRON

For Fuses and Circuit Makers and Breakers.
Claims use since Dec. 31, 1936.

Ser. No. 399,360. CLARENCE J. LEBEL, New York, N. Y. Filed Nov. 5, 1937.



For Radio Receivers; Electrical Devices as Follows—Networks, Loud Speakers, Phonograph Pickups, Sound Amplifiers, and Public Address Systems.
Claims use since Dec. 1, 1934.

Ser. No. 401,405. JOHN E. SMITH, doing business as J. E. Smith Laboratories, Plainfield, N. J. Filed Dec. 30, 1937.

Zephyr

For Electric Irons.
Claims use since Dec. 7, 1937.

Ser. No. 401,975. AMERICAN POP CORN COMPANY, Sioux City, Iowa. Filed Jan. 17, 1938.

JOLLY TIME

For Electric Pop Corn Poppers.
Claims use since Oct. 21, 1935.

Ser. No. 407,348. HUGH E. YOUNG & COMPANY, Chicago, Ill. Filed June 10, 1938.



For Electric Control Equipment and Apparatus Such as May be Used in the Operation of Electric Motors, Constant Current Regulation or Transformation, Etc.
Claims use since Nov. 10, 1937.

Ser. No. 408,875. CONTINENTAL RADIO AND TELEVISION CORPORATION, Chicago, Ill. Filed July 25, 1938.

Tiny Tim

For Radio Receiving Sets and Combination Radio Receiving Sets and Phonographs.
Claims use since Jan. 3, 1938.

Ser. No. 408,912. BARKER BROS. CORPORATION, Los Angeles, Calif. Filed July 26, 1938.

TEMPO-TONE

The word "Tone" is disclaimed except as shown.
For Radio Receiving Sets.
Claims use since June 25, 1938.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 409,242. FELIX MENDELSOHN, JR., Chicago, Ill. Filed Aug. 4, 1938.



For Game Played with Cards.
Claims use since Jan. 7, 1938.

Ser. No. 409,989. EDGAR J. BERGEN, Hollywood, Calif. Filed Aug. 26, 1938.



The portrait is fictitious.
For Dolls.
Claims use since Aug. 3, 1938.

Ser. No. 410,318. UNCLE JOSH BAIT COMPANY, Fort Atkinson, Wis. Filed Sept. 6, 1938.

UNCLE JOSH

For Fish Bait.
Claims use since Mar. 1, 1923.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 388,703. BENTLEY MOTORS (1931) LIMITED, London, England. Filed Feb. 10, 1937.



For Internal Combustion Engines and Parts Thereof.
Claims use since 1919.

Ser. No. 392,074. THE F. F. BARBER MACHINERY COMPANY, LTD., Toronto, Ontario, Canada. Filed Apr. 30, 1937.

"CARBOCOPY"

For Manifold Attachments for Typewriters.
Claims use since Feb. 15, 1935.

Ser. No. 403,075. CONSOLIDATED RAZOR BLADE CO., INC., Jersey City, N. J. Filed Feb. 16, 1938.



For Razor Blades.
Claims use since Jan. 13, 1937.

Ser. No. 403,612. CALLE & PEREZ, Buenos Aires, Argentina. Filed Mar. 2, 1938.



For Articles of Cutlery Composed Wholly or in Part of Base Metal—Namely, Razors, Safety Razors, Razor Blades, Scissors, Pen Knives, Table Knives, and Cutlasses.
Claims use since Oct. 16, 1931.

Ser. No. 406,260. FERD. MULHENS, INC., New York, N. Y., assignor to Paul Peter Mülhens, doing business under firm name Eau de Cologne- & Parfümerie-Fabrik, Cologne, Germany. Filed May 12, 1938.

Sir

For Razor Blades, Safety Razor Blades, Razors, Safety Razors, Razor Knives, Scissors, Pinchers, Sprayers.
Claims use since Nov. 24, 1937.

Ser. No. 407,051. E. W. BLISS COMPANY, New York, N. Y. Filed June 3, 1938. Under 10-year proviso.

E.W.BLISS CO.

For Metal Working Presses of all Kinds, Metal Drawing Machines, Can Making and Filling Machines, Metal Cutting Machines, Lathes, Boring Mills, Threading and Spinning Machines, Rolling Mills, Wire Forming and Working Machines, Swaging Machines, and in General Machinery Used in all Phases of the Production of Articles of Sheet Metal, and Equipment and Parts for Such Devices Such as Sheet Metal Forming Machines, Shearing Machines, Drilling Machines, and All Similar Sheet Metal Working Machines.
Claims use since 1875.

Ser. No. 407,052. E. W. BLISS COMPANY, New York, N. Y. Filed June 3, 1938. Under 10-year proviso.

BLISS

For Metal Working Presses of all Kinds, Metal Drawing Machines, Can Making and Filling Machines, Metal Cutting Machines, Lathes, Boring Mills, Threading and Spinning Machines, Rolling Mills, Wire Forming and Working Machines, Swaging Machines, and in General Machinery Used in all Phases of the Production of Articles of Sheet Metal, and Equipment and Parts for Such Devices Such as Sheet Metal Forming Machines, Shearing Machines, Drilling Machines, and All Similar Sheet Metal Working Machines.
Claims use since 1873.

Ser. No. 408,490. THE AMERICAN FORK & HOE COMPANY, Cleveland, Ohio. Filed July 14, 1938.

CRESCENT AXE

The word "Axe" is disclaimed apart from the mark.
For Axes.
Claims use since 1918.

Ser. No. 408,556. WICKWIRE SPENCER STEEL COMPANY, New York, N. Y. Filed July 15, 1938.



For Wire Mesh Conveyor Aprons, Motor Springs, Card Clothing, Napper Clothing, Metal Conveyor Belts, and Springs for Starting Motors for Internal Combustion Engines.
Claims use since May 1, 1934.

Ser. No. 408,800. INTERNATIONAL PARTS CORP., Chicago, Ill. Filed July 22, 1938.

INPACO

For Mufflers for Internal Combustion Engines and Parts Thereof, Axle and Drive Shafts, Cylinder Heads, Gears and Pinions and Axles.
Claims use since July 10, 1938.

Ser. No. 409,905. AMERICAN MERCHANDISE CO., INC., New York, N. Y. Filed Aug. 24, 1938.

PALESTINIA

For Razor Blades.
Claims use since July 15, 1938.

Ser. No. 409,914. THE DORR COMPANY, INC., New York, N. Y. Filed Aug. 24, 1938.

SQUAREX

For Apparatus for the Treatment of Solids Suspended in Liquids and More Particularly for Sedimentation Apparatus Such as Thickeners and Clarifiers.
Claims use since July 25, 1938.

Ser. No. 409,918. HALL HARDWARE COMPANY, Minneapolis, Minn. Filed Aug. 24, 1938.

Diktator

For Hoes, Rakes, Hay Forks, Manure Forks, Alfalfa Forks, Header Forks, Spading Forks, and Long and D Handled Shovels and Spades and Handles for Same.
Claims use since Aug. 2, 1938.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 401,991. A. B. DICK COMPANY, Chicago, Ill. Filed Jan. 17, 1938.

MIMEOGRAPH

For Apparatus for Use in Making Tracings or Drawings on Paper or Stencil Sheets Comprising a Stand or Support Having a Transparent Surface Over Which Such Sheets may be Placed.
Claims use since Dec. 20, 1937.

Ser. No. 402,623. JACOB S. CHAIS, doing business as La Brea Photo Laboratories, Los Angeles, Calif. Filed Feb. 3, 1938.

LA BREA LARJA

For Sensitized Photographic Paper.
Claims use since Jan. 10, 1937.

Ser. No. 403,029. ALLEN-WALES ADDING MACHINE CORPORATION, Jersey City, N. J., and New York, N. Y. Filed Feb. 15, 1938.

ALLEN WALES

The words "Allen" and "Wales" are not claimed apart from the mark.
For Adding and Calculating Machines.
Claims use since Dec. 27, 1928.

Ser. No. 407,626. EASTMAN KODAK COMPANY, Jersey City, N. J., and Rochester, N. Y. Filed June 18, 1938.

235

For Photographic Film.
Claims use since Oct. 17, 1932.

Ser. No. 408,674. DAVID WEISBERGER, New York, N. Y. Filed July 19, 1938.

ARCH-O-SCOPE

For Machine Designed for Measuring Feet.
Claims use since Mar. 15, 1938.

Ser. No. 409,904. ERNEST J. ABBOTT, doing business as Physicists Research Company (not inc.), Ann Arbor, Mich. Filed Aug. 24, 1938.

PROFILOMETER

For Instruments for Measuring Surface Roughness.
Claims use since Feb. 15, 1937.

CLASS 29

Brooms, Brushes, and Dusters

Ser. No. 409,921. THE HYGIENOL CO. INC., New Rochelle, N. Y. Filed Aug. 24, 1938.

MESO

For Powder Puffs.
Claims use since Aug. 10, 1938.

CLASS 31

Filters and Refrigerators

Ser. No. 407,028. PETERSEN SHOW CASE AND FIXTURE CO., INC., Los Angeles, Calif. Filed June 2, 1938.

COLD CONTROL

The words "Cold Control" are disclaimed apart from the mark.
For Motor Driven Refrigerating Units for Soda Fountains, Bars, and Show Cases.
Claims use since Oct. 30, 1937.

Ser. No. 410,327. OTTO E. GIESE, doing business as August Giese & Son, New York, N. Y. Filed Sept. 7, 1938.

DELPHIN

For Filters and Parts Thereof Including Filter Elements.
Claims use since Dec. 31, 1914.

CLASS 32

Furniture and Upholstery

Ser. No. 405,762. CAMDEN FURNITURE COMPANY, Camden, Ark. Filed Apr. 27, 1938.

THE BETTER FINISH

CAMVENEER

Applicant disclaims the words "The Better Finish" per se except as shown.
For Furniture Made Wholly or Partly of Wood and Comprising Wooden Beds, Dressing Tables, Chests of Drawers, Dressing Table Benches, Dressers, Vanity Tables, Chifforobes, and Night Stands.
Claims use since Jan. 21, 1938.

Ser. No. 409,340. BARKER BROS. CORPORATION, Los Angeles, Calif. Filed Aug. 8, 1938.

INVINCIBLE

For Furniture—Namely, Couches, Chairs, Book-Cases, China Cabinets, Tea Wagons, Benches, Cabinets, Book Racks, Partitioning Screens, Flower Stands, Tabourettes, Pedestals, Davenports, Coffee-Tables, Wall Brackets, Tables, Sideboards, Buffets, Servers, Picture-Frames, Mirrors, Beds, Dressers, Chiffoniers, Chests, Night-Stands, Dressing Tables, Vanities, Costumers, Bureaus, Sewing Stands, Desks, Hat-Racks, Book-Ends, Venetian Blinds, Roll-Curtains, Mattresses, Bed-Springs, Pillows, Cushions, Porch Shades.
Claims use since Feb. 21, 1932.

Ser. No. 410,247. F. M. BLYSTONE, INC., Elmira, N. Y. Filed Sept. 3, 1938.

Downy-rest

For Mattresses and Box Springs.
Claims use since Nov. 21, 1936.

Ser. No. 410,354. BLOOMFIELD MANUFACTURING COMPANY, Chicago, Ill. Filed Sept. 8, 1938.

HI-BOY

For Counter Rack.
Claims use since Dec. 8, 1933.

Ser. No. 410,355. BLOOMFIELD MANUFACTURING COMPANY, Chicago, Ill. Filed Sept. 8, 1938.

LO-BOY

For Counter Rack.
Claims use since Dec. 8, 1933.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 403,727. KISCO COMPANY, INC., St. Louis, Mo. Filed Mar. 5, 1938.

COOL CIRCULATOR

Applicant disclaims the word "Cool" apart from the mark.
For Fan and Table Combination Consisting of a Small Table Below the Top of Which a Circulating Fan and Motor are Arranged About a Vertical Axis.
Claims use since Jan. 17, 1938.

Ser. No. 409,546. JOHN S. ZINK, doing business as John Zink Company, Tulsa, Okla. Filed Aug. 12, 1938.

BI-MIX

For Gas Burners and Combination Oil and Gas Burners.
Claims use since 1929.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 409,347. THE DAYTON RUBBER MANUFACTURING COMPANY, Dayton, Ohio. Filed Aug. 8, 1938.

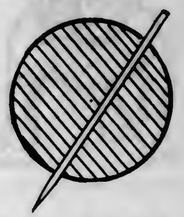
FLYER

For Tires.
Claims use since May 2, 1938.

CLASS 36

Musical Instruments and Supplies

Ser. No. 402,115. CENTER MUSIC STORES, INC., New York, N. Y. Filed Jan. 20, 1938.



The lining in the circle of the drawing is for color green. No claim is made of the representation of a needle.
For Phonograph Needles.
Claims use since Nov. 1, 1937.

CLASS 37

Paper and Stationery

Ser. No. 389,045. TAYLOE PAPER COMPANY, Memphis, Tenn. Filed Feb. 17, 1937.



For School Tablets, Fillers, Composition Books, Note Books, Spelling and Drawing Tablets.
Claims use since September, 1930.

Ser. No. 401,143. GRAND BAG & PAPER CO., INC., New York, N. Y. Filed Dec. 22, 1937.



The words "Toilet Tissue", "Trade Mark", and "La France" except as shown are disclaimed. The drawing is lined for red and blue.
For Toilet Tissue Paper in Rolls.
Claims use since 1923.

Ser. No. 409,713. THE TENACITY MANUFACTURING COMPANY, Lockland, Ohio. Filed Aug. 17, 1938.



For Loose-Leaf Books, Binders, Filing Apparatus, and Parts Thereof.
Claims use since May 31, 1917.

Ser. No. 409,881. LEE PAPER COMPANY, Vicksburg, Mich. Filed Aug. 23, 1938.

ADEQUATE BOND

The word "Bond" is not claimed apart from the mark.
For Bond Paper.
Claims use since Mar. 16, 1925.

Ser. No. 409,883. LEE PAPER COMPANY, Vicksburg, Mich. Filed Aug. 23, 1938.

COMMANDER

For Bond Paper.
Claims use since June 7, 1915.

CLASS 38

Prints and Publications

Ser. No. 409,215. STRUCTURAL CLAY PRODUCTS, INC., doing business as Structural Clay Products Institute, Washington, D. C. Filed Aug. 3, 1938.

SCPI
STRUCTURAL CLAY PRODUCTS INSTITUTE

For Books, Pamphlets, Lists, Catalogues, Booklets, and House Plans, Issued from Time to Time.
Claims use since April, 1938.

Ser. No. 409,541. TRANSART AKTIEBOLAG, Goteborg, Sweden. Filed Aug. 12, 1938.

TRANSART

For Artistic Prints of all Kinds, More Especially on Cellulose Films and Like Sheets of Transparent Material.
Claims use since April, 1936.

CLASS 39

Clothing

Ser. No. 391,242. B. PRIESTLEY & CO., INC., New York, N. Y. Filed Apr. 12, 1937.

NOR-EAST

For Men's Neckties and Suits.
Claims use since Sept. 15, 1922, for men's suits; since Sept. 4, 1936, for men's neckwear.

Ser. No. 398,349. THE DOERMAN SHOE MFG. CO., Milwaukee, Wis. Filed Oct. 11, 1937.

Bob and Betty

For Shoes Made of Leather, Fabric, Rubber, and Combinations of These Materials.
Claims use since Sept. 1, 1937.

Ser. No. 399,532. RUTH B. BONNER, doing business as Yvonne Millinery, Los Angeles, Calif. Filed Nov. 10, 1937.

Yvonne
MILLINERY
LOS ANGELES

Applicant disclaims the words "Millinery" and "Los Angeles" except as shown.
For Women's Hats.
Claims use since Aug. 6, 1932.

Ser. No. 400,531. SAMUEL SCHEUER, New York, N. Y. Filed Dec. 6, 1937.

WORLD'S FAIR

For Men's, Women's, and Children's Hats and Caps, Kerchiefs, Scarfs, and Bandannas.
Claims use since Sept. 15, 1936.

Ser. No. 401,034. THE SHIRTCRAFT COMPANY, INC., doing business as The Shirtcraft Co. Inc., New York, N. Y. Filed Dec. 18, 1937.

Master

For Men's, Boys', and Ladies' Clothing—Viz., Negligee Shirts and Blouses, Pajamas of Textile Fabric.
Claims use since June 14, 1917.

Ser. No. 403,083. GOLDBLATT BROS. INC., doing business as Lord and Lord, Chicago, Ill. Filed Feb. 16, 1938.



Applicant disclaims the words "Lord and Lord" apart from the mark.
For Men's Suits of Various Woven Materials.
Claims use since Nov. 20, 1936.

Ser. No. 406,519. JACK LORD HATS, INC., New York, N. Y. Filed May 19, 1938.



The words "Jack Lord" are not claimed apart from the mark.
For Men's Hats and Hosiery.
Claims use since February, 1938.

Ser. No. 406,777. SCHAINMAN SPORTWEAR CO., New York, N. Y. Filed May 26, 1938.



The word "Tweeds" is disclaimed except as shown.
For Women's and Girls' Clothing—Namely, Suits, Jackets, Sweaters, Scarfs, Slacks, Coats, Vests, Flying Suits, Outer Skirts, Bloomers, and Jerkins, Made of the Various Fabrics and/or Leather.
Claims use since Mar. 15, 1938.

Ser. No. 407,625. THE EASTERN ISLES IMPORTING CO., INC., New York, N. Y. Filed June 18, 1938.

BEAU JAMAS

For Women's and Misses' Pajamas, Nightgowns, House Coats, and Negligees.
Claims use since Mar. 3, 1938.

Ser. No. 408,091. DAVISON-PAXON COMPANY, Atlanta, Ga. Filed July 1, 1938.

Marcia

For Women's Underwear and Leather Shoes.
Claims use since 1933.

Ser. No. 408,180. GOODSTEIN BROS. & CO. INC., New York, N. Y. Filed July 2, 1938.

ALL WOOL
TOPOVER
The YEAR ROUND COAT

The words "All Wool" and "The Year Round Coat" are disclaimed apart from the mark.
For Men's Topcoats and Overcoats.
Claims use since January, 1937.

Ser. No. 408,253. JOHN B. STETSON COMPANY, Philadelphia, Pa. Filed July 6, 1938.

THE STETSON MEDALIST

Applicant is owner of T. M. Reg. No. 51,990 (renewed) covering the word "Stetson" and effected under the 10-year proviso.
For Felt and Straw Hats for Men and Women, Silk and Opera Hats, and Caps.
Claims use since June 23, 1938.

Ser. No. 408,495. MILDRED CUNNINGHAM, New York, N. Y. Filed July 14, 1938.

JITTERBUG

For Ladies', Misses', Men's, Boys', and Children's Hats; Shoes Made of Leather, Fabric, and Combinations of Leather and Fabric; and Sweaters, Coats, Suits, and Stockings; Ladies', Misses', and Children's Dresses and Smocks.
Claims use since May 1, 1938.

Ser. No. 408,554. UNIVERSAL BRASSIERE & JUSTRITE CORSET CO., INC., New York, N. Y. Filed July 15, 1938.

Swing Round

For Corsets, Corselets, and Brassières.
Claims use since May 15, 1938.

Ser. No. 408,619. O'CONNOR & GOLDBERG, Chicago, Ill. Filed July 18, 1938.



The word "Welt" is disclaimed except as shown.
For Men's and Women's Shoes Made of Fabric and Leather and Combinations of Fabric and Leather.
Claims use since July 14, 1938.

Ser. No. 408,858. SIDNEY S. ROTH, New York, N. Y. Filed July 23, 1938.



The picture is fanciful.
For Lingerie—Namely, Women's Slips, Gowns, Pajamas, Dance Sets, Panties, Chemises, and Bed Jackets.
Claims use since Apr. 29, 1938.

Ser. No. 408,942. CENTRAL KNITWEAR MILLS, INC., New York, N. Y. Filed July 27, 1938.

INITIAL GRAM

The word "Initial" is disclaimed except as shown.
For Ladies' and Misses' Sweaters and Sweater Ensemble, Consisting of a Sweater and Coat.
Claims use since June 1, 1938.

Ser. No. 408,962. MEDBURY & CARROLL, INC., New York, N. Y. Filed July 27, 1938.



No claim is made to the word "Mohawk" apart from the mark.
For Men's Hats.
Claims use since January, 1935.

Ser. No. 408,995. THE ENRO SHIRT CO., Louisville, Ky. Filed July 28, 1938.

Survivo

For Men's Negligee and Dress Shirts, Pajamas, and Collars.
Claims use since Jan. 6, 1938.

Ser. No. 409,126. WM. HAHN & CO., Washington, D. C. Filed Aug. 1, 1938.



No claim is made to the word "Wear" apart from the mark.
For Shoes Made of Leather, Rubber, Fabric, and/or Combinations Thereof.
Claims use since Jan. 20, 1900.

Ser. No. 409,162. GENERAL SHOE CORPORATION, Nashville, Tenn. Filed Aug. 2, 1938.

ORNAMEX

For Boots, Shoes, and Slippers of Leather, Fabric, or Combinations Thereof.
Claims use since July 8, 1938.

Ser. No. 409,163. GENERAL SHOE CORPORATION, Nashville, Tenn. Filed Aug. 2, 1938.

VANEVE

For Boots, Shoes, and Slippers of Leather, Fabric, or Combinations Thereof.
Claims use since July 11, 1938.

Ser. No. 409,170. PACKARD DRESSES, INC., New York, N. Y. Filed Aug. 2, 1938.



Applicant disclaims all wording apart from the mark.
For Women's and Misses' Dresses, Slips, Dress Ensembles, Coats, and Suits.
Claims use since Mar. 22, 1935.

Ser. No. 409,256. BILLIE KNITWEAR, INC., New York, N. Y. Filed Aug. 5, 1938.



For Sweaters and Sweater Sport Coats for Women and Girls.
Claims use since February, 1938.

Ser. No. 409,322. LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I., and New York, N. Y. Filed Aug. 6, 1938.



For Women's and Misses' Skirts, Waists, Suits, Coats, and Dresses; Children's Rompers, Dresses, and Suits; Men's and Boys' Suits, Coats, and Trousers.
Claims use since Feb. 10, 1938.

Ser. No. 409,536. POLAR KNITTING CO. INC., New York, N. Y. Filed Aug. 12, 1938.

JITTERBUG twins

The word "Twins" is disclaimed apart from the mark.
For Sweaters and Twin Sweater Sets and Jackets Made of Yarn, Fabric, or Cloth for the Use of Women and Children.
Claims use since May 1, 1938.

Ser. No. 409,770. HELITZER BROS. & CO., INC., New York, N. Y. Filed Aug. 19, 1938.



For Ladies' Dresses.
Claims use since Apr. 15, 1938.

Ser. No. 409,784. SCHOLLER BROTHERS, INC., Philadelphia, Pa. Filed Aug. 19, 1938.

Dura Bond

For Hosiery.
Claims use since June 9, 1938.

Ser. No. 409,786. SWANKY-MAID FROCKS, INC., New York, N. Y. Filed Aug. 19, 1938.

Joy-tyme

For Ladies' Cotton Dresses, Smocks, and House Coats.
Claims use since September, 1937.

Ser. No. 409,877. HAPP BROTHERS COMPANY, Macon, Ga. Filed Aug. 23, 1938.



For Trousers for Men and Boys.
Claims use since Aug. 3, 1938.

Ser. No. 409,939. REISS BROS., New York, N. Y. Filed Aug. 24, 1938.



For Cloth Coats for Boys and Girls.
Claims use since May 1, 1938.

Ser. No. 409,945. SYNDICATE CLOTHING COMPANY, Cedar Rapids, Iowa. Filed Aug. 24, 1938.

Longtimer

For Men's and Boys' Suits, Topcoats, and Overcoats.
Claims use since Aug. 9, 1938.

Ser. No. 409,946. SYNDICATE CLOTHING COMPANY, Cedar Rapids, Iowa. Filed Aug. 24, 1938.

Supercuna

For Men's and Boys' Suits, Topcoats, and Overcoats.
Claims use since Aug. 9, 1938.

Ser. No. 409,981. TUTBURY, INC., New York, N. Y. Filed Aug. 25, 1938.

CUNATEX

For Ladies', Misses', and Women's Coats and Suits.
Claims use since May 25, 1937.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 407,842. THE AMERICAN MILLS COMPANY, West Haven, Conn. Filed June 24, 1938.

PERMOFLEX

For Narrow Elastic Webbing.
Claims use since May 26, 1938.

Ser. No. 407,843. THE AMERICAN MILLS COMPANY, West Haven, Conn. Filed June 24, 1938.



For Elastic Webbing.
Claims use since May 26, 1938.

Ser. No. 408,728. FRANK E. PAYNE, Lincoln Park, Mich. Filed July 20, 1938.

PRIMO ROSE

MADE BY *Frank E. Payne*

The words "Rose" and "Made by" are disclaimed except as shown. "Frank E. Payne" is a facsimile of applicant's signature.

For Artificial Roses.

Claims use since Jan. 1, 1928.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 403,052. MANVILLE JENCKES CORPORATION, Manville, R. I. Filed Feb. 15, 1938.

FLAXRAY

For Piece Goods Composed of Rayon and Linen, and Mixtures of the Same.

Claims use since July 30, 1937.

Ser. No. 405,898. SCHAFRAN & FINKEL, INC., New York, N. Y. Filed Apr. 30, 1938.



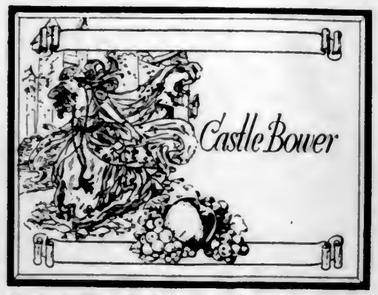
WEAVECRAFT

The word "Weavecraft" is disclaimed apart from the mark.

For Blankets.

Claims use since Feb. 15, 1938.

Ser. No. 409,394. FRUIT OF THE LOOM, INC., Providence, R. I. Filed Aug. 9, 1938.



For Sheets, Pillowcases, and Cotton Piece Goods.

Claims use since May 24, 1938.

Ser. No. 409,395. FRUIT OF THE LOOM, INC., Providence, R. I. Filed Aug. 9, 1938.



For Sheets, Pillowcases, and Cotton Piece Goods.

Claims use since May 9, 1938.

Ser. No. 409,580. VERA W. MARGHAB, New York, N. Y. Filed Aug. 13, 1938.

MARGANDIE

For Table Cloths, Towels, Sheetings, Napkins, Doilies, Mat Sets, Pillow Cases, and Piece Goods of Cotton, Silk, Rayon, Wool, Linen, and/or Combinations Thereof.

Claims use since June 9, 1938.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 407,699. ROSA E. TUTTLE, Newark, N. J. Filed June 20, 1938.

Tuttles

The mark "Tuttles" is in the handwriting of Geo. S. Tuttle, deceased, one of the founders of applicant's business.

For Dental Casting Golds, Especially Compounded Preparations, to be Used for Structural Service by Dentists, Technicians, and Laboratories, Containing High Grade Dental Alloys, Dental Golds and Solders, and Amalgam.

Claims use since Jan. 1, 1900.

Ser. No. 409,596. WASHINGTON DENTAL COMPANY, Washington, D. C. Filed Aug. 13, 1938.

MICROMIUM

For Dental Restorations.

Claims use since June 5, 1936.

Ser. No. 409,597. WASHINGTON DENTAL COMPANY, Washington, D. C. Filed Aug. 13, 1938.

NEODIUM

For Dental Restorations.

Claims use since June 5, 1936.

Ser. No. 409,598. WASHINGTON DENTAL COMPANY, Washington, D. C. Filed Aug. 13, 1938.

NOBELITE

For Dental Restorations.

Claims use since June 5, 1936.

Ser. No. 409,709. THE SCHOLL MFG. CO., INC., Chicago, Ill. Filed Aug. 17, 1938.

SURGITEX

For Adhesive Bandage and Foot Plaster.

Claims use since Aug. 12, 1938.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 409,498. ALBERT LEA BOTTLING WORKS, Albert Lea, Minn. Filed Aug. 12, 1938.



The name and portrait comprising same are of the historical character Col. Albert Lea.

For Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks, and Syrups, Extracts, and Flavors Used in Making the Same.

Claims use since 1932.

Ser. No. 409,564. DELAUNAY BEVERAGE COMPANY, INC., New York, N. Y. Filed Aug. 13, 1938.



For Non-Alcoholic Carbonated Beverages.

Claims use since June 1, 1937.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 401,085. WARD DRY MILK COMPANY, St. Paul. Minn. Filed Dec. 20, 1937.

CHURN-O-LAC

The term "Lac" is disclaimed apart from the mark shown.

For Powdered Acid Buttermilk for Baking Purposes.

Claims use since Feb. 10, 1935.

Ser. No. 402,482. HENRY MAILLARD, INC., New York, N. Y. Filed Jan. 29, 1938.



For Candy, Bonbons, Chocolates, Cakes, Pies, Tea, Coffee, Jellies, and Ice Cream.

Claims use since July 1, 1937.

Ser. No. 402,813. CONWAY IMPORT CO., INC., Long Island City, N. Y. Filed Feb. 8, 1938.

CIO

For Salad Oil, Olive Oil, Cottonseed Oil Used for Food Purposes, Corn Oil Used for Food Purposes, Vegetable Shortening, Mayonnaise, Catsup, Russian Dressing, French Dressing, Vinegar, Pickles, Relish Consisting of a Mixture of Chopped Vegetables, Olives, Chopped Olive Meat, Uncandied Fruit Rind, Fruit Preserves, Jams and Jellies, Marmalades, Peanut Butter, Horse Radish, Mustard, Flavoring Extracts Used for Food Purposes.
Claims use since 1913.

Ser. No. 403,772. JOSEPH MANNONE, doing business as Mannone's Italian Food Products, Detroit, Mich. Filed Mar. 7, 1938.



The representation of the label and the words "Original Italian Recipe" are disclaimed apart from the mark.
For Sauces for Use on Spaghetti and Macaroni.
Claims use since Nov. 1, 1937.

Ser. No. 404,617. NATIONAL DISTILLERS PRODUCTS CORPORATION, New York, N. Y. Filed Mar. 29, 1938.

PRODULAC

For Poultry and Stock Feed Having an All-Grain-Base
Claims use since Feb. 25, 1938.

Ser. No. 405,751. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Filed Apr. 25, 1938.



For Canned Fruit Juices for Food Purposes.
Claims use since Sept. 13, 1936.

Ser. No. 407,867. HAROLD KRAMER, Valley Stream, N. Y. Filed June 24, 1938.

Gift-Pak Farm

For Jellies, Fruit, and Berry Preserves; Condiments—Namely, Pickles, and Relishes; Confections—Namely, Maple Sugar and Candies; and Dairy Products—Namely, Eggs and Cheese.
Claims use since May, 1938.

Ser. No. 409,110. HARRY H. SNOVEL, doing business as Mee-Tee-Dee Lites, Van Wert, Ohio. Filed July 30, 1938.



The representation of the article is not claimed apart from the other features of the mark.
For Food Product in the Form of a Cone Made of Special Dough Similar to Hard Rolls and Filled with Various Meat Products.
Claims use since June, 1935.

Ser. No. 409,323. JOHN MACKINTOSH & SONS, LTD., INC., Boston, Mass. Filed Aug. 6, 1938.

Rolo

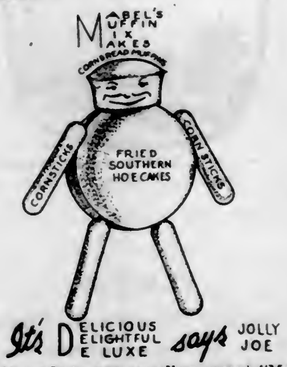
For Candy.
Claims use since Dec. 15, 1937.

Ser. No. 409,485. PENICK & FORD, LTD. INCORPORATED, New York, N. Y. Filed Aug. 11, 1938.

NUPRO

For Baking Emulsion Made From Vegetable Oils Used in the Manufacture of Bread, Cakes, Etc.
Claims use since Mar. 17, 1938.

Ser. No. 409,524. MABEL WILLIAMS HUFF, doing business as Mabel's Muffin Mix Co., Evansville, Ind. Filed Aug. 12, 1938.



No claim is made to any wording except "Mabel's" and "Says Jolly Joe" apart from the mark.
For Muffin Mix for Making Cornbread, Corn Muffins, Corn Sticks, and Hoe Cakes.
Claims use since July 13, 1938.

Ser. No. 409,681. DAVID DALSEY, doing business as Dalsey Co., Chicago, Ill. Filed Aug. 17, 1938.

Tato-Mix



The word "Mix" is disclaimed apart from the mark.
For Food Composition in Dry Form Suitable for Making Potato Pancakes.
Claims use since Dec. 2, 1936.

Ser. No. 409,772. SAMUEL KUNIN & SONS, INC., doing business as The Kraig Products Co., not inc., Chicago, Ill. Filed Aug. 19, 1938.

CHUKLE-NUT

Applicant disclaims the word "Nut" per se apart from the mark.
For Spreads for Bread Composed Mainly of Syrup and Nut Meats.
Claims use since July 11, 1938.

Ser. No. 409,908. BRIGHT BISCUIT COMPANY, INC., Kansas City, Kans. Filed Aug. 24, 1938.

HARBOR LIGHT

For Crackers.
Claims use since Aug. 1, 1938.

CLASS 47

Wines

Ser. No. 409,789. VINEYARDS OF AMERICA, INC., Brooklyn, N. Y. Filed Aug. 19, 1938.

La Stella

For Burgundy, Rhine, Muscatel, Reisling, Alicanti, Chablis, Sauterne, Barbera, Barberone, Claret, Zinfandel, Chianti, Port, Sherry, Muscato Secco, Angelica, Tokay, and Marsala.
Claims use since May 25, 1938.

CLASS 48

Malt Beverages and Liquors

Ser. No. 409,008. NEW ORLEANS BREWING COMPANY, INC., New Orleans, La. Filed July 28, 1938.



No claim is made to the words "You Can Taste the Difference" and "Brand" and "Beer" apart from the mark.
For Beer.
Claims use since Aug. 14, 1936.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 403,837. TRAIN & MCINTYRE, LIMITED, Glasgow, Scotland. Filed Mar. 8, 1938.

OLD ANGUS

For Scotch Whiskey.
Claims use since Nov. 7, 1934.

Ser. No. 408,124. NATIONAL DISTILLERS PRODUCTS CORPORATION, New York, N. Y. Filed July 1, 1938.

pm

Bar Special

Applicant makes no claim to the words "Bar Special" apart from the mark shown.
For Whiskey.
Claims use since Nov. 19, 1936.

Ser. No. 408,356. SACCONE, SPEED & JENNEY, INC., New York, N. Y. Filed July 9, 1938.



The map of the Island of Barbados is disclaimed apart from the mark.
For Rum.
Claims use since November, 1936.

Ser. No. 409,833. BARCELO, MARQUES & COMPANY, Arecibo, doing business as Distileria Tropical, Arecibo and Camuy, Puerto Rico. Filed Aug. 22, 1938.



No claim is made to the words "Product of West Indies, Puerto Rico" apart from the mark.
For Rum.
Claims use since Apr. 1, 1938.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 408,579. BENJAMIN F. RUSKIN, New York, N. Y. Filed July 16, 1938.



The word "Fabrics" is not claimed as part of the mark.
For Rubber-Backed Cloth.
Claims use since Apr. 18, 1938.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

OCTOBER 18, 1938

361,366. HOT ROLLED SHEETS, HOT ROLLED ANNEALED SHEETS, COLD ROLLED SHEETS, GALVANIZED SHEETS, GALVANNEALED SHEETS, PICKLED SHEETS, ETC. THE YOUNGSTOWN SHEET AND TUBE COMPANY, Youngstown, Ohio.
Filed June 27, 1935. Serial No. 366,750. PUBLISHED SEPTEMBER 17, 1935. Class 14.

361,367. DOLLS. JOSEPH COYLE, Chicago, Ill.
Filed October 5, 1935. Serial No. 370,043. PUBLISHED DECEMBER 24, 1935. Class 22.

361,368. YARNS. EASTYARN, INC., Brooklyn, N. Y.
Filed April 22, 1936. Serial No. 377,501. PUBLISHED JULY 26, 1938. Class 43.

361,369. WOMEN'S HOSIERY. THE ELDER AND JOHNSTON COMPANY, Dayton, Ohio.
Filed June 13, 1936. Serial No. 379,691. PUBLISHED JULY 19, 1938. Class 39.

361,370. BUTTER. THE RIVER PLATE DAIRY COMPANY, LIMITED, Buenos Aires, Argentina.
Filed August 21, 1936. Serial No. 382,445. PUBLISHED OCTOBER 27, 1936. Class 46.

361,371. PUBLICATIONS IN THE NATURE OF MAGAZINE ARTICLES AND FEATURES PUBLISHED FROM TIME TO TIME. CALDWELL-CLEMENTS, INC., New York, N. Y.
Filed January 27, 1937. Serial No. 388,226. PUBLISHED JULY 12, 1938. Class 38.

361,372. LEATHER GOODS—NAMELY, BILL FOLDS, WALLETS. MAX E. WESTERMAN, doing business as Westerman Manufacturing Co., New York, N. Y.
Filed February 15, 1937. Serial No. 388,966. PUBLISHED AUGUST 9, 1938. Class 3.

361,373. MAGAZINES PUBLISHED EVERY MONTH. COUNTRY PRESS, INC., Greenwich, Conn.
Filed March 1, 1937. Serial No. 389,502. PUBLISHED AUGUST 9, 1938. Class 38.

361,374. PRINTED TECHNICAL REPORTS AND LITERATURES. MODES AND FABRICS, INC., New York, N. Y.
Filed April 17, 1937. Serial No. 391,485. PUBLISHED AUGUST 2, 1938. Class 38.

361,375. BALANCING WEIGHTS, CAMBER GAUGES, SPRING PAD CASTER GAUGES, KING PIN GAUGES, TURNING RADIUS GAUGES, AXLE LEVEL GAUGES, SPINDLE AND STEERING CROSS SHAFT GAUGES, CENTRALIZED STEERING GAUGES, TOE-IN GAUGES, AND WHEEL BALANCERS. MCCLELLAND EQUIPMENT CO. INC., Detroit, Mich.
Filed April 19, 1937. Serial No. 391,539. PUBLISHED AUGUST 9, 1938. Class 26.

361,376. DOLLS. CATHERINE A. ABT, Pittsburgh, Pa.
Filed June 2, 1937. Serial No. 393,519. PUBLISHED FEBRUARY 22, 1938. Class 22.

361,377. GIRLS' COATS. LOUIS GREENBERG & BROTHER, INC., New York, N. Y.
Filed June 12, 1937. Serial No. 393,983. PUBLISHED JULY 19, 1938. Class 39.

361,378. PERIODICAL PUBLISHED MONTHLY. MOTOR TRUCK CLUB OF MASSACHUSETTS, INC., Boston, Mass.
Filed June 17, 1937. Serial No. 394,361. PUBLISHED AUGUST 9, 1938. Class 38.

361,379. ELECTRIC FENCE CONTROLLERS FOR CONTROLLING THE ELECTRIC CURRENT SUPPLY TO FENCES OR FENCE WIRE. CERTIFIED ELECTRIC & MFG. CO., Chicago, Ill.
Filed July 8, 1937. Serial No. 394,977. PUBLISHED AUGUST 9, 1938. Class 21.

361,380. BOOKS, BOOKLETS, PAMPHLETS. THE MCBEE COMPANY, Athens, Ohio.
Filed July 29, 1937. Serial No. 395,761. PUBLISHED AUGUST 9, 1938. Class 38.

361,381. MECHANICS' SOAP. MAX W. CAMPBELL, doing business as Lor-el Scientific Essential Laboratories, Maywood, Calif.
Filed August 9, 1937. Serial No. 396,180. PUBLISHED AUGUST 9, 1938. Class 4.

361,382. HORSE AND MULE FEED, CORN MEAL, PEARL OR CORN GRITS FOR HUMAN CONSUMPTION, DAIRY FEED, LAYING MASH. JOHN M. WILSON, doing business as Meridian Grain & Elevator Co., Meridian, Miss.
Filed August 23, 1937. Serial No. 396,704. PUBLISHED AUGUST 9, 1938. Class 46.

361,383. METALLIC POINTER-FITTED CHARTS FOR USE IN SILENT ORDERING OF POINTED INDICATED QUANTITIES OF DELIVERABLE ARTICLES NAMED THEREON. HENRY SECKER BROCKNER, Vancouver, British Columbia, Canada.
Filed October 18, 1937. Serial No. 398,608. PUBLISHED AUGUST 9, 1938. Class 38.

361,384. WOMEN'S HOSIERY. ARTCRAFT SILK HOSIERY MILLS, INC., Philadelphia, Pa.
Filed October 21, 1937. Serial No. 398,788. PUBLISHED JULY 26, 1938. Class 39.

361,385. RIBBED, GROOVED, AND PERFORATED ELEMENTS USED IN FORMING A POROUS PACK FOR THE PERFORATED LINERS IN DEEP WELLS. CLAIR J. GIBSON, Los Angeles, Calif.
Filed October 29, 1937. Serial No. 399,081. PUBLISHED JULY 26, 1938. Class 12.

361,386. TABLE SYRUP. THE HUBINGER CO., Keokuk, Iowa.
Filed November 2, 1937. Serial No. 399,234. PUBLISHED AUGUST 9, 1938. Class 46.

361,387. MONTHLY CRITICAL JOURNAL OF SOCIAL AND ECONOMIC AFFAIRS. THE FREEMAN CORPORATION, New York, N. Y.
Filed November 4, 1937. Serial No. 399,296. PUBLISHED JANUARY 25, 1938. Class 38.

361,388. MEDICAL ACOUSTIC INSTRUMENTS. LELAND A. WATSON, doing business as Medical Acoustic Instrument Co., Minneapolis, Minn.
Filed November 15, 1937. Serial No. 399,787. PUBLISHED JANUARY 25, 1938. Class 44.

361,389. DRY CELL AND FLASHLITE BATTERIES. MCCRORY STORES CORPORATION, New York, N. Y.
Filed November 17, 1937. Serial No. 399,844. PUBLISHED AUGUST 9, 1938. Class 21.

361,390. COARSELY GROUND NONDUSTING SOYBEAN FLOUR. THE GLIDDEN COMPANY, Cleveland, Ohio.
Filed November 26, 1937. Serial No. 400,160. PUBLISHED AUGUST 9, 1938. Class 46.

361,391. MATERIALS COMPRISING TREATED CLAY USED IN THE PREPARATION OF FLUIDS USED IN DRILLING WELLS, AND THE LIKE. THE ILLINOIS CLAY PRODUCTS COMPANY, Joliet, Ill.
Filed December 10, 1937. Serial No. 400,694. PUBLISHED AUGUST 9, 1938. Class 1.

361,392. MEN'S AND BOYS' SUITS AND TOPCOATS. LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y.
Filed December 13, 1937. Serial No. 400,774. PUBLISHED JULY 26, 1938. Class 39.

361,393. MEN'S AND BOYS' SUITS AND TOPCOATS. LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y.
Filed December 13, 1937. Serial No. 400,776. PUBLISHED JULY 26, 1938. Class 39.

361,394. MEN'S AND BOYS' SUITS AND TOPCOATS. LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y.
Filed December 13, 1937. Serial No. 400,777. PUBLISHED JULY 26, 1938. Class 39.

361,395. WOMEN'S, MISSES', AND CHILDREN'S CLOTHING—NAMELY, ONE AND TWO PIECE DRESSES AND OUTER CLOTHING SUITS EXCLUDING GARMENTS MADE OF CHAMBRAYS AND/OR MATERIALS RESEMBLING CHAMBRAYS IN APPEARANCE. MORRIS SOBELMAN, doing business as Perfect Garment Company, Baltimore, Md.
Filed December 15, 1937. Serial No. 400,885. PUBLISHED MARCH 1, 1938. Class 39.

361,396. PREPARATIONS FOR DISEASES OF THE LIVER, COUGH SIRUPS; LINIMENTS FOR HEADACHE, EARACHE, SPRAINS, PLEURISY, TOOTHACHE, RHEUMATISM, NEURALGIA, AND SORE THROAT; PREPARATION IN THE NATURE OF AN OINTMENT FOR CHAPPED LIPS, HANDS, ROUGHNESS OF THE SKIN, FRECKLES, TAN, SUNBURN, SCALDS, BURNS, AND ALL INFLAMED SURFACES; AND A DYE PREPARATION FOR THE HAIR. CABLE AND GLADING, Drexel Hill, Pa.
Filed December 17, 1937. Serial No. 400,947. PUBLISHED JULY 26, 1938. Class 6.

361,397. WHISKEY. JAS. BARCLAY & Co. LIMITED, Peoria, Ill.
Filed December 20, 1937. Serial No. 401,044. PUBLISHED FEBRUARY 8, 1938. Class 49.

361,398. PAPER WEIGHTS AND BOOK ENDS. KIWANIS INTERNATIONAL, Chicago, Ill.
Filed December 21, 1937. Serial No. 401,114. PUBLISHED AUGUST 9, 1938. Class 37.

361,399. ELECTRICAL RELAYS. AMERICAN RADIATOR COMPANY, New York, N. Y.
Filed December 23, 1937. Serial No. 401,170. PUBLISHED AUGUST 9, 1938. Class 21.

361,400. STONE MONUMENTS, MARKERS, TABLETS, TOMBSTONES, MAUSOLEUMS, AND MEMORIALS. COLD SPRING GRANITE COMPANY, Cold Spring, Minn.
Filed December 29, 1937. Serial No. 401,338. PUBLISHED AUGUST 9, 1938. Class 50.

361,401. CHILDREN'S DRESSES, AND BOYS' SUITS CONSISTING OF THE COMBINATION OF A PAIR OF PANTS AND A BLOUSE. TROJAN MAID, INCORPORATED, New York, N. Y.
Filed January 4, 1938. Serial No. 401,538. PUBLISHED JULY 26, 1938. Class 39.

361,402. GRANITE. PACIFIC CUT STONE AND GRANITE COMPANY, Alhambra, Calif.
Filed January 11, 1938. Serial No. 401,786. PUBLISHED AUGUST 9, 1938. Class 1.

361,403. PRINTED TRADING CERTIFICATES. FRED D. ROWLETT, Muncie, Ind.
Filed January 12, 1938. Serial No. 401,805. PUBLISHED AUGUST 9, 1938. Class 38.

361,404. SEPARABLE SLIDE FASTENERS. CROWN FASTENER CORPORATION, Warren, R. I.
Filed January 13, 1938. Serial No. 401,851. PUBLISHED AUGUST 9, 1938. Class 13.

361,405. INSECTICIDE SPRAY GUNS ATTACHABLE TO GARDEN HOSE. THE GARDEN HOSE SPRAY COMPANY, INCORPORATED, Cambridge, Mass.
Filed January 18, 1938. Serial No. 402,060. PUBLISHED AUGUST 9, 1938. Class 23.

361,406. MACARONI, WHEAT FLOUR. ITALIAN COOPERATIVE GROCERS, Detroit, Mich.
Filed January 19, 1938. Serial No. 402,093. PUBLISHED AUGUST 9, 1938. Class 46.

361,407. DRAFTING MATERIALS AND SUPPLIES FOR THE PRODUCTION AND REPRODUCTION OF PRINTS, DRAWINGS AND THE LIKE—NAMELY, DRAWING PAPER, TRACING PAPER, AND RULED SHEETS. EUGENE DIETZGEN CO., Chicago, Ill.
Filed January 28, 1938. Serial No. 402,418. PUBLISHED AUGUST 9, 1938. Class 37.

361,408. COMIC STRIPS AND CARTOONS. VINCENT A. SULLIVAN, New York, N. Y.
Filed February 1, 1938. Serial No. 402,580. PUBLISHED AUGUST 9, 1938. Class 38.

361,409. CORSETS, GIRDLES, GOWNS, HOUSECOATS, JACKETS, PAJAMAS, PLAYSUITS, ROBES, SHIRTS, SHORTS, SLACKS, SLIPPERS MADE OF CLOTH, SUNSUITS, SWIMMING SUITS, AND UNDERWEAR FOR WOMEN AND CHILDREN. HOLEPROOF HOSIERY CO., Milwaukee, Wis.
Filed February 12, 1938. Serial No. 402,975. PUBLISHED JULY 26, 1938. Class 39.

361,410. FILES, RASPS, BURRS, ROTARY FILES, SCRAPERS, FILE DISCS, REAMERS, RIFFLERS, BURNISHERS, FILE CARDS AND BRUSHES, FILE HOLDERS AND FILE HANDLES. HAYES FILE COMPANY, Detroit, Mich.
Filed February 18, 1938. Serial No. 403,176. PUBLISHED AUGUST 9, 1938. Class 23.

361,411. PHONOGRAPH RECORDS. SIR ORLANDO RECORDING CO. INC., Charleston, W. Va.
Filed February 25, 1938. Serial No. 403,426. PUBLISHED AUGUST 9, 1938. Class 36.

361,412. BRIEF CASES, BRIEF CASE ENVELOPES, PORTFOLIOS, CATALOG CASES, SECRETARIAL CASES, INSURANCE LEATHER CASES, SATCHELS, CORRESPONDENCE BRIEF CASES, BRIEF BAGS, SUIT CASES, AND SAMPLE CASES. NEW REXBILT LEATHER GOODS CORP., New York, N. Y.
Filed February 26, 1938. Serial No. 403,463. PUBLISHED AUGUST 9, 1938. Class 3.

361,413. FILING POCKETS, EXPANDING WALLETS, FILE FOLDERS, INDEX GUIDES, FILING ENVELOPES, MAILING ENVELOPES, VISIBLE RECORD SHEETS, INDEX CARDS, MEMORANDUM SHEETS, LOOSE LEAF SHEETS, AND LOOSE LEAF INDEX TABS. THE SMEAD MANUFACTURING COMPANY, Hastings, Minn.
Filed February 26, 1938. Serial No. 403,472. PUBLISHED AUGUST 9, 1938. Class 37.

361,414. SMOKING TOBACCO. JOHN MIDDLETON, INC., Philadelphia, Pa.
Filed March 2, 1938. Serial No. 403,603. PUBLISHED AUGUST 9, 1938. Class 17.

361,415. CANDY. SALVO & BERDON CANDY CO., Natchez, Miss.
Filed March 3, 1938. Serial No. 403,663. PUBLISHED AUGUST 9, 1938. Class 46.

361,416. CHEESE. POPPER GRAY & CO., INC., New York, N. Y.
Filed March 4, 1938. Serial No. 403,706. PUBLISHED AUGUST 9, 1938. Class 46.

361,417. NEWSPAPER COLUMN PUBLISHED IN A CONTINUING SERIES. ESQUIRE FEATURES, INC., Chicago, Ill.
Filed March 7, 1938. Serial No. 403,761. PUBLISHED AUGUST 9, 1938. Class 38.

361,418. MOTION PICTURES AND MOTION PICTURE FILMS, WHICH HAVE RECORDS OF SOUND, WORDS AND/OR MUSIC THEREON, AND MOTION PICTURE FILMS ADAPTED FOR SYNCHRONIZATION WITH SOUND, WORDS, AND/OR MUSIC RECORDS. MODERN TALKING PICTURE SERVICE, INC., New York, N. Y.
Filed March 7, 1938. Serial No. 403,778. PUBLISHED AUGUST 9, 1938. Class 26.

361,419. ICE DELIVERY BAGS. FULTON BAG & COTTON MILLS, Atlanta, Ga.
Filed March 11, 1938. Serial No. 403,944. PUBLISHED AUGUST 9, 1938. Class 2.

361,420. PHOTOGRAPHIC GOODS—NAMELY, CAMERAS, CAMERA PARTS, FINDERS, DISTANCE METERS, RANGE FINDERS, EXPOSURE METERS, COLOR FILTERS WITH AND WITHOUT MOUNTINGS, AUXILIARY LENSES, AUTOMATIC RELEASES, CASES, TRIPODS, ENLARGING APPARATUS, ETC. INTERCONTINENTAL MARKETING CORPORATION, New York, N. Y.
Filed March 12, 1938. Serial No. 404,004. PUBLISHED AUGUST 9, 1938. Class 26.

361,421. WRITING PADS COMBINED WITH BLOTTERS. RUSSELL A BROWNING, SR., Rosiclare, Ill.
Filed March 14, 1938. Serial No. 404,072. PUBLISHED AUGUST 9, 1938. Class 37.

361,422. AIRCRAFT ENGINES. BLACKBURN AIRCRAFT LIMITED, Brough, England.
Filed March 24, 1938. Serial No. 404,428. PUBLISHED AUGUST 9, 1938. Class 23.

361,423. WOOD-CASED PENCILS. BEE-KO COMPANY, INCORPORATED, New York, N. Y.
Filed March 19, 1938. Serial No. 404,244. PUBLISHED AUGUST 9, 1938. Class 37.

361,424. BLANKETS. ESMOND MILLS, New York, N. Y.
Filed March 31, 1938. Serial No. 404,697. PUBLISHED AUGUST 9, 1938. Class 42.

361,425. RESILIENT ROLLERS ADAPTED FOR USE IN MACHINES FOR PRINTING, LIQUID TRANSFERRING, CONVEYING, FEEDING, PRESSING, AND THE LIKE. IDEAL ROLLER & MANUFACTURING COMPANY, Chicago, Ill.
Filed March 31, 1938. Serial No. 404,714. PUBLISHED AUGUST 9, 1938. Class 23.

361,426. DRY AND LIQUID CLEANING, CLEANSING, AND DETERGENT PREPARATIONS FOR HOUSEHOLD AND INDUSTRIAL USE. TEX-ITE PRODUCTS CORPORATION, Brooklyn, N. Y.
Filed April 1, 1938. Serial No. 404,785. PUBLISHED AUGUST 9, 1938. Class 4.

361,427. FARM AND GARDEN TOOLS—NAMELY, RAKES, FORKS, SCRAPERS, CULTIVATORS, CUTTERS, WEEDERS, EDGERS, SHOVELS, SPADES, FLORAL SETS, HANDLES, HOES, HOOKS, TROWELS, TAMPERS, ROLLERS, AND TRIMMERS. BOYLE MANUFACTURING COMPANY, INC., Los Angeles, Calif.
Filed April 2, 1938. Serial No. 404,793. PUBLISHED AUGUST 9, 1938. Class 23.

361,428. GIRLS', MISSES', AND WOMEN'S UNDERGARMENTS, COMPRISING SLIPS, VESTS, PANTIES, BLOOMERS, BRASSIÈRES AND UNDERSKIRTS FORMED IN ONE PIECE AND KNOWN AS COMBINATIONS, GOWNS, PAJAMAS, AND BRASSIÈRES. AMERICAN MAID COMPANY, INC., Chicago, Ill.
Filed April 7, 1938. Serial No. 404,975. PUBLISHED JULY 26, 1938. Class 39.

361,429. DRUM AND BANJO HEADS. AMERICAN RAWHIDE MANUFACTURING COMPANY, Chicago, Ill.
Filed April 7, 1938. Serial No. 404,976. PUBLISHED AUGUST 9, 1938. Class 36.

361,430. ELECTRO-MAGNETIC APPARATUS—NAMELY, ELECTROMAGNETS AND ARMATURES FOR THE SAME. EMPIRE ELECTRIC BRAKE CORPORATION, Dover, Del.
Filed April 9, 1938. Serial No. 405,061. PUBLISHED AUGUST 9, 1938. Class 21.

361,431. COATS, VESTS, TROUSERS, KNICKERBOCKERS, TOP COATS, AND OVERCOATS FOR MEN, YOUTHS, AND BOYS. J. SCHOENEMAN, INC., Baltimore, Md.
Filed April 11, 1938. Serial No. 405,135. PUBLISHED JULY 19, 1938. Class 39.

361,432. CANNED FOOD FOR DOGS, CATS, AND CARNIVOROUS ANIMALS. ATLAS CANNING COMPANY, INC., Glendale, N. Y.
Filed April 14, 1938. Serial No. 405,237. PUBLISHED AUGUST 9, 1938. Class 46.

361,433. CASEIN. FRIESCHE COÖPERATIEVE ZUIVEL-EXPORT-VEREENIGING, Leeuwarden, Netherlands.
Filed April 14, 1938. Serial No. 405,244. PUBLISHED AUGUST 9, 1938. Class 1.

361,434. BUTTER, CHEESE, MILK POWDER, BUTTERMILK POWDER, AND WHEY POWDER. FRIESCHE COÖPERATIEVE ZUIVEL-EXPORT-VEREENIGING, Leeuwarden, Netherlands.
Filed April 14, 1938. Serial No. 405,245. PUBLISHED AUGUST 9, 1938. Class 46.

361,435. MEN'S AND BOYS' OUTER AND UNDER SHIRTS, UNDERWEAR, TIES, PAJAMAS, HOSIERY. LOUIS J. MARKOWITZ, New York, N. Y.
Filed April 15, 1938. Serial No. 405,305. PUBLISHED JULY 26, 1938. Class 39.

361,436. WATCHES. ZELL BROTHERS INC., Portland, Oreg.
Filed April 15, 1938. Serial No. 405,331. PUBLISHED AUGUST 9, 1938. Class 27.

361,437. UNDERWEAR FOR WOMEN. HOLEPROOF HOSIERY CO., Milwaukee, Wis.
Filed April 18, 1938. Serial No. 405,389. PUBLISHED JULY 26, 1938. Class 39.

361,438. PRINTED DISPLAY SIGNS AND ADVERTISING MATTER HAVING A PRESSURE SENSITIVE ADHESIVE COATING THEREON SOLD TO THE TRADE AS SUCH. MENASHA PRODUCTS COMPANY, Menasha, Wis.
Filed April 18, 1938. Serial No. 405,399. PUBLISHED AUGUST 2, 1938. Class 38.

361,439. TWIST DRILLS, TWIST DRILL BITS, REAMERS, MILLING CUTTERS, COUNTERBORES, AND HOBS. NATIONAL TWIST DRILL & TOOL CO., Detroit, Mich.
Filed April 18, 1938. Serial No. 405,403. PUBLISHED AUGUST 9, 1938. Class 23.

361,440. LUBRICATING OILS AND GREASES. W. H. BARBER COMPANY, Minneapolis, Minn.
Filed April 20, 1938. Serial No. 405,476. PUBLISHED JULY 26, 1938. Class 15.

361,441. PHOTOGRAPHIC PRINTS. ROSE GILBERT, New York, N. Y.
Filed April 20, 1938. Serial No. 405,496. PUBLISHED AUGUST 9, 1938. Class 38.

361,442. MOTOR FUEL OILS. SUNSET OIL COMPANY, Los Angeles, Calif.
Filed April 20, 1938. Serial No. 405,530. PUBLISHED AUGUST 9, 1938. Class 15.

361,443. PREPARATION FOR CLEANING AND POLISHING WINDOWS. UNITED CHEMICAL COMPANY, INC., Kansas City, Mo.
Filed April 20, 1938. Serial No. 405,533. PUBLISHED AUGUST 9, 1938. Class 4.

361,444. LUBRICATING OIL HAVING PENETRATING AND SOLVENT PROPERTIES. THE CURRAN CORPORATION, doing business as The Belmont Co., Malden, Mass.
Filed April 22, 1938. Serial No. 405,594. PUBLISHED JULY 26, 1938. Class 15.

361,445. ELECTRICAL APPARATUS USED TO DISPLAY A SEQUENCE OF SHOW CARDS AND PICTURES SYNCHRONIZED WITH TALKING APPARATUS EQUIPPED WITH AN AMPLIFIER FOR ADVERTISING PURPOSES. JULES STRAUSS & CO., INC., New York, N. Y.
Filed April 22, 1938. Serial No. 405,621. PUBLISHED AUGUST 9, 1938. Class 21.

361,446. SMOKING TOBACCO. J. S. PINKUSSOHN CIGAR COMPANY, Charleston and Columbia, S. C., and Savannah, Ga.
Filed April 23, 1938. Serial No. 405,666. PUBLISHED AUGUST 9, 1938. Class 17.

361,447. POULTRY, DAIRY, HOG, AND LIVE STOCK FEEDS, MIXED FEEDS AND FEED INGREDIENTS FOR POULTRY AND LIVE STOCK, VIZ., CHICK STARTER, TURKEY STARTER, CHICK SCRATCH FEED, INTERMEDIATE SCRATCH FEED, ETC. B. F. SHEESLEY & SON, Harrisburg, Pa.
Filed April 26, 1938. Serial No. 405,740. PUBLISHED AUGUST 9, 1938. Class 46.

361,448. SPORTSWEAR AND WEARING APPAREL—NAMELY, GOLF JACKETS, RAIN COATS, SKI JACKETS, WINDBREAKERS; SKI PANTS AND SHIRTS OF LEATHER, WOOL, COTTON, SILK, OR RAYON OR COMBINATIONS THEREOF; AND SPORT PANTS FOR MEN, WOMEN, AND BOYS. ADIRONDACK SPORTSWEAR INC., Amsterdam, N. Y.
Filed April 27, 1938. Serial No. 405,757. PUBLISHED JULY 19, 1938. Class 39.

361,449. COUPON OR CERTIFICATE PAPER AND OTHER STATIONERY. DANAHY-FAXON STORES, INC., Buffalo, N. Y.
Filed April 27, 1938. Serial No. 405,792. PUBLISHED AUGUST 9, 1938. Class 37.

361,450. BOOKLETS. EDWARD STERN & COMPANY, INCORPORATED, Philadelphia, Pa.
Filed April 28, 1938. Serial No. 405,827. PUBLISHED AUGUST 9, 1938. Class 38.

361,451. SCREEN PLATES FOR USE IN THE MANUFACTURE OF PAPER. FITCHBURG SCREEN PLATE COMPANY, INC., Fitchburg, Mass.
Filed April 29, 1938. Serial No. 405,844. PUBLISHED AUGUST 9, 1938. Class 23.

361,452. RELIGIOUS BOOKLET. THE HIGLEY PRINTING CO., Butler, Ind.
Filed April 29, 1938. Serial No. 405,846. PUBLISHED AUGUST 9, 1938. Class 38.

361,453. COTTON PIECE GOODS. J. L. STIFEL & SONS, INC., Wheeling, W. Va.
Filed April 29, 1938. Serial No. 405,860. PUBLISHED AUGUST 9, 1938. Class 42.

361,454. ROOFING MATERIALS COMPRISING ASBESTOS-CEMENT ROOFING SOLD IN ROLLED FORM, ASPHALT ROLLED ROOFINGS, AND COMPOSITION SHINGLES. KEASBEY & MATTISON COMPANY, Ambler, Pa.
Filed May 2, 1938. Serial No. 405,929. PUBLISHED AUGUST 9, 1938. Class 12.

361,455. LUMBER. C. J. REINECKE LUMBER COMPANY, INC., St. Louis, Mo.
Filed May 2, 1938. Serial No. 405,936. PUBLISHED AUGUST 9, 1938. Class 12.

361,456. MEN'S SUITS, TOPCOATS, AND OVERCOATS. HICKEY FREEMAN COMPANY, Rochester, N. Y.
Filed May 3, 1938. Serial No. 405,961. PUBLISHED JUNE 28, 1938. Class 39.

361,457. CIGARETTE HOLDERS ADAPTED TO BE PLACED IN THE MOUTH OF THE USER AND NICOTINE-REMOVING FILTERS TO BE PLACED IN SUCH HOLDERS. MECHANICAL LABORATORIES, INC., Pittsburgh, Pa.
Filed May 5, 1938. Serial No. 406,025. PUBLISHED AUGUST 9, 1938. Class 8.

361,458. MISSES' DRESSES. JAN RÉE FROCKS, INC., Cleveland, Ohio.
Filed May 6, 1938. Serial No. 406,067. PUBLISHED JULY 19, 1938. Class 39.

361,459. WASH CLOTHS AND DISH CLOTHS. VELTEX KNITTING COMPANY, INC., Troy, N. Y.
Filed May 6, 1938. Serial No. 406,076. PUBLISHED AUGUST 9, 1938. Class 42.

361,460. LADIES' MATERNITY DRESSES. ABRAHAM H. BLEICH, doing business as Bleich Dress Mfg. Co., Boston, Mass.
Filed May 7, 1938. Serial No. 406,087. PUBLISHED JULY 26, 1938. Class 39.

361,461. WAX—NAMELY, PREPARED PASTE WAX, POWDERED DANCE WAX, PREPARED LIQUID WAX, AND SELF-POLISHING LIQUID WAX, FOR FLOORS, FURNITURE AND AUTOMOBILES. DONALD DURHAM COMPANY, Des Moines, Iowa.
Filed May 9, 1938. Serial No. 406,123. PUBLISHED AUGUST 9, 1938. Class 16.

361,462. LADIES' DRESSES AND SUITS. LOMA DRESS CO., INC., New York, N. Y.
Filed May 9, 1938. Serial No. 406,139. PUBLISHED JULY 19, 1938. Class 39.

361,463. WOMEN'S HOSIERY. FRANKLIN SIMON & CO., INC., New York, N. Y.
Filed May 10, 1938. Serial No. 406,196. PUBLISHED JULY 26, 1938. Class 39.

361,464. WALL TILES. CENTRAL HARDWARE CO., St. Louis, Mo.
Filed May 11, 1938. Serial No. 406,211. PUBLISHED JULY 26, 1938. Class 12.

361,465. PLUSHES IN THE PIECE MADE FROM SILK, COTTON, WOOL, AND/OR COMBINATIONS THEREOF. THE HIND & HARRISON PLUSH COMPANY, New York and Clark Mills, N. Y.
Filed May 12, 1938. Serial No. 406,247. PUBLISHED AUGUST 9, 1938. Class 42.

361,466. PLUSHES IN THE PIECE MADE OF SILK, COTTON, WOOL, AND/OR COMBINATIONS THEREOF. THE HIND & HARRISON PLUSH COMPANY, New York and Clark Mills, N. Y.
Filed May 12, 1938. Serial No. 406,248. PUBLISHED AUGUST 9, 1938. Class 42.

361,467. PLUSHES IN THE PIECE MADE OF SILK, COTTON, WOOL, AND/OR COMBINATIONS THEREOF. THE HIND & HARRISON PLUSH COMPANY, New York and Clark Mills, N. Y.
Filed May 12, 1938. Serial No. 406,250. PUBLISHED AUGUST 9, 1938. Class 42.

361,468. SUITS, COATS, VESTS, PANTS, TOPCOATS, AND OVER-COATS FOR MEN. PINCUS BROS., INC., Philadelphia, Pa.
Filed May 12, 1938. Serial No. 406,263. PUBLISHED JULY 19, 1938. Class 39.

361,469. MAGAZINE. EUGENE NELSON BEARD, Washington, D. C.
Filed May 13, 1938. Serial No. 406,277. PUBLISHED AUGUST 9, 1938. Class 38.

361,470. BOYS', MEN'S, AND WOMEN'S COATS AND JACKETS MADE OF RUBBERIZED WATERPROOF MATERIAL. UNITED STATES RUBBER PRODUCTS, INC., New York, N. Y.
Filed May 13, 1938. Serial No. 406,306. PUBLISHED JULY 19, 1938. Class 39.

361,471. HAM AND PICNIC HAM. F. G. VOOT & SONS, INCORPORATED, Philadelphia, Pa.
Filed May 13, 1938. Serial No. 406,313. PUBLISHED AUGUST 9, 1938. Class 46.

361,472. HOSIERY. ELWOOD W. WALTON, doing business as Walton Knitting Mills, Hickory, N. C.
Filed May 13, 1938. Serial No. 406,314. PUBLISHED JULY 19, 1938. Class 39.

361,473. BOYS', YOUNG MEN'S, AND MEN'S SUITS, OVERCOATS, AND TOPCOATS. WULF BROS., INC., New York, N. Y.
Filed May 13, 1938. Serial No. 406,318. PUBLISHED JULY 19, 1938. Class 39.

361,474. WOMEN'S AND GIRLS' DRESSES, JACKETS, AND COATS MADE OF SILK, COTTON, WOOL, LINEN, WORSTED, RAYON, "CELANESE" AND ACETATE CLOTHS. HORWITZ & DUBERMAN, New York, N. Y.
Filed May 14, 1938. Serial No. 406,337. PUBLISHED JULY 26, 1938. Class 39.

361,475. MEN'S TOPCOATS AND OVERCOATS. JOSEPH D. SHAKOW, INC., New York, N. Y.
Filed May 14, 1938. Serial No. 406,351. PUBLISHED JULY 19, 1938. Class 39.

361,476. MOTOR VEHICLE ACCESSORIES—NAMELY, ELECTRIC FAN MOTORS AND ELECTRIC TRAFFIC WARNING HORNS. JUBILEE MANUFACTURING COMPANY, Omaha, Nebr.
Filed May 16, 1938. Serial No. 406,384. PUBLISHED AUGUST 9, 1938. Class 21.

361,477. MEN'S AND BOYS' SUITS INCLUDING COATS, VESTS, AND TROUSERS; TOPCOATS, OVERCOATS, RAINCOATS, SPORT TROUSERS, AND SPORT COATS. LAMM BROTHERS, INCORPORATED, Baltimore, Md.
Filed May 17, 1938. Serial No. 406,424. PUBLISHED JULY 19, 1938. Class 39.

361,478. MEN'S AND BOYS' SUITS INCLUDING COATS, VESTS, AND TROUSERS; TOPCOATS, OVERCOATS, RAINCOATS, SPORT TROUSERS, AND SPORT COATS. LAMM BROTHERS, INCORPORATED, Baltimore, Md.
Filed May 17, 1938. Serial No. 406,426. PUBLISHED JULY 19, 1938. Class 39.

361,479. PAPER POLISHING TISSUES. NATIONAL CELLULOSE CORPORATION, New York, N. Y.
Filed May 17, 1938. Serial No. 406,429. PUBLISHED AUGUST 9, 1938. Class 37.

361,480. CHILDREN'S, MISSES', AND LADIES' CIRCULAR AND FLAT KNIT UNDERWEAR MADE FROM CLOTH KNITTED OF SILK, RAYON, WOOL, COTTON, OR FROM FABRICS MADE OF ANY COMBINATION OF THE ABOVE. FAIRY SILK MILLS, Shillington, Pa., and New York, N. Y.
Filed May 18, 1938. Serial No. 406,445. PUBLISHED JULY 19, 1938. Class 39.

361,481. CONCENTRATED FOOD PRODUCT HIGH IN VITAMINS FOR MAKING A MILK BEVERAGE. LARX COMPANY, INCORPORATED, Minneapolis, Minn.
Filed May 18, 1938. Serial No. 406,455. PUBLISHED AUGUST 9, 1938. Class 46.

361,482. COTTON PIECE GOODS. BURTON BROTHERS & CO., INC., New York, N. Y.
Filed May 19, 1938. Serial No. 406,494. PUBLISHED AUGUST 9, 1938. Class 42.

361,483. MEN'S UNDERGARMENTS. COOPERS, INCORPORATED, Kenosha, Wis.
Filed May 19, 1938. Serial No. 406,502. PUBLISHED JULY 19, 1938. Class 39.

361,484. HOSIERY. NATIONAL SILK HOSIERY MILLS, INC., Indianapolis, Ind.
Filed May 19, 1938. Serial No. 406,523. PUBLISHED JULY 19, 1938. Class 39.

361,485. PROJECTION LAMPS. BRENKERT LIGHT PROJECTION COMPANY, Detroit, Mich.
Filed May 20, 1938. Serial No. 406,546. PUBLISHED AUGUST 9, 1938. Class 26.

361,486. EXPOSURE METERS FOR USE IN PHOTOGRAPHY. PHOTO UTILITIES, INC., New York, N. Y.
Filed May 20, 1938. Serial No. 406,564. PUBLISHED AUGUST 9, 1938. Class 26.

361,487. PERIODICAL PUBLICATION. CHICAGO ELECTRICAL NEWS, INC., Chicago, Ill.
Filed May 21, 1938. Serial No. 406,579. PUBLISHED AUGUST 9, 1938. Class 38.

361,488. FUR SEWING MACHINES. BONIS BROS. FUR MACHINERY CORPORATION, New York, N. Y.
Filed May 23, 1938. Serial No. 406,630. PUBLISHED AUGUST 9, 1938. Class 23.

361,489. ASPHALT COMPOSITION ROOFING AND BUILDING PAPERS. GLOBE ROOFING PRODUCTS CO. INC., Chicago, Ill.
Filed May 23, 1938. Serial No. 406,642. PUBLISHED AUGUST 2, 1938. Class 12.

361,490. MONTHLY PUBLICATION. ELCO PRINTING & ADVERTISING CO., Philadelphia, Pa.
Filed May 21, 1938. Serial No. 406,668. PUBLISHED AUGUST 9, 1938. Class 38.

361,491. DRY PASTE FORM AND READY-MIXED PAINTS AND PAINT ENAMELS FOR INTERIOR USES. THE H. B. DAVIS CO., Baltimore, Md.
Filed May 24, 1938. Serial No. 406,678. PUBLISHED AUGUST 9, 1938. Class 16.

361,492. KNITTED AND WOVEN WEARING APPAREL OF WOOL, COTTON, SILK, RAYON, OR COMBINATIONS THEREOF FOR MEN AND WOMEN—NAMELY, DRESSES, UNDERWEAR, PAJAMAS, HOSIERY. HANDSCHIN & RONUS AKTIENGESELLSCHAFT, Liestal, Switzerland.
Filed May 24, 1938. Serial No. 406,681. PUBLISHED JULY 26, 1938. Class 39.

361,493. WOOLEN SWEATERS. PURITAN KNITTING MILLS, CORP., Altoona, Pa.
Filed May 24, 1938. Serial No. 406,693. PUBLISHED AUGUST 2, 1938. Class 39.

361,494. PIECE-GOODS MADE WHOLLY OR IN PART OF ACETATE, RAYON, SPUN RAYON, AND SILK. J. ROSENHOLZ INC., New York, N. Y.
Filed May 24, 1938. Serial No. 406,694. PUBLISHED AUGUST 9, 1938. Class 42.

361,495. CHEESE. JOSE R. TOLIBIA, New York, N. Y.
Filed May 24, 1938. Serial No. 406,697. PUBLISHED AUGUST 9, 1938. Class 46.

361,496. ELECTRIC FOG LAMPS. AUTO RADIATOR MANUFACTURING CO., Chicago, Ill.
Filed May 25, 1938. Serial No. 406,704. PUBLISHED AUGUST 9, 1938. Class 21.

361,497. WOOLEN AND WORSTED PIECE GOODS. LANKENAU CO., New York, N. Y.
Filed May 25, 1938. Serial No. 406,722. PUBLISHED AUGUST 9, 1938. Class 42.

361,498. MEN'S AND BOYS' OVERCOATS AND TOPCOATS. NEPTUNE MFG. CO., Louisville, Ky.
Filed May 26, 1938. Serial No. 406,770. PUBLISHED JULY 26, 1938. Class 39.

361,499. PARTLY-PREPARED AND FINISHED LEATHERS. CHARLES L. PIERCE, INC., New York, N. Y.
Filed May 26, 1938. Serial No. 406,774. PUBLISHED AUGUST 9, 1938. Class 1.

361,500. FINGER RINGS. SHIMAN BROS. & CO., INC., New York, N. Y.
Filed May 26, 1938. Serial No. 406,782. PUBLISHED AUGUST 9, 1938. Class 28.

361,501. CHILLED AND FROZEN FRUIT CONFECTION. FRUITY FREEZE CORPORATION, Chicago, Ill.
Filed May 27, 1938. Serial No. 406,804. PUBLISHED AUGUST 9, 1938. Class 46.

361,502. SMOKERS' ARTICLES—TO-WIT, HUMIDORS, ASH TRAYS AND CIGARETTE CASES. EDWARD A. KLINE, JR., doing business as Chivalry Studios, New York, N. Y.
Filed May 27, 1938. Serial No. 406,813. PUBLISHED AUGUST 9, 1938. Class 8.

361,503. CLOSET AND DRAIN AUGERS. ABE SILVERMAN, doing business as General Wire Spring Company, Pittsburgh, Pa.
Filed May 27, 1938. Serial No. 406,832. PUBLISHED AUGUST 9, 1938. Class 23.

361,504. VALVES FOR INTERNAL COMBUSTION ENGINES. WILLIAM H. TAYLOR, doing business as The Heat-Flow Valve Company, Cleveland, Ohio.
Filed May 27, 1938. Serial No. 406,835. PUBLISHED AUGUST 9, 1938. Class 23.

361,505. HIGH CHAIR PADS, SCALE PADS, PLAY YARD PADS, NURSERY TOILET SEAT RING PADS, ALL OF KNITTED OR TEXTILE FABRICS, CRIB AND BED MATTRESS COVERS, COMFORT COVERS, MOSQUITO NETS, AND CHILDREN'S BEDDING ARTICLES, NAMELY PILLOW COVERS, SHEETS, SPREADS, AND BLANKETS. FINE ART PILLOW & SPECIALTIES CORPORATION, New York, N. Y.
Filed May 28, 1938. Serial No. 406,862. PUBLISHED AUGUST 9, 1938. Class 42.

361,506. WINES. LOMBARDI WINE COMPANY, Los Angeles, Calif.
Filed May 28, 1938. Serial No. 406,868. PUBLISHED AUGUST 9, 1938. Class 47.

361,507. PIECE-GOODS MADE WHOLLY OR IN PART OF ACETATE, RAYON, SPUN RAYON, AND SILK. J. ROSENHOLZ INC., New York, N. Y.
Filed May 28, 1938. Serial No. 406,883. PUBLISHED AUGUST 9, 1938. Class 42.

361,508. TABLE SILVER-WARE—NAMELY, FLAT-WARE AND HOLLOW-WARE. WEIDLICH STERLING SPOON CO., Bridgeport, Conn.
Filed May 28, 1938. Serial No. 406,895. PUBLISHED AUGUST 9, 1938. Class 28.

361,509. FIBROUS AND METAL WEATHERSTRIP, METAL MOLDING AND AUTOMATIC DOOR BOTTOMS. MACKLANBURG-DUNCAN COMPANY, Oklahoma City, Okla.
Filed May 31, 1938. Serial No. 406,931. PUBLISHED AUGUST 2, 1938. Class 12.

361,510. PERIODICAL. GRAPHIC ARTS PUBLISHING CO., Chicago, Ill.
Filed June 1, 1938. Serial No. 406,971. PUBLISHED AUGUST 9, 1938. Class 38.

361,511. PUBLICATIONS, I. E., MANUALS, PAMPHLETS, AND LETTERS USED FROM TIME TO TIME AND CONTAINING INFORMATION RELATING GENERALLY TO STOCKS, BONDS AND CONDITIONS AFFECTING THE SAME. POOR'S PUBLISHING COMPANY, Wellesley, Mass.
Filed June 2, 1938. Serial No. 407,030. PUBLISHED AUGUST 9, 1938. Class 38.

361,512. PROCESS CHEESE FOOD MIXTURE COMPOSED OF FRESH AND MATURE AMERICAN CHEESE PASTEURIZED WITH ADDED CREAM, MOISTURE, CONCENTRATED CHEESE WHEY, SKIM MILK SOLIDS, AND MINERAL AND ORGANIC SALTS. SWIFT AND COMPANY, Chicago, Ill.
Filed June 2, 1938. Serial No. 407,041. PUBLISHED AUGUST 9, 1938. Class 46.

361,513. EGGS. SWIFT AND COMPANY, Chicago, Ill.
Filed June 2, 1938. Serial No. 407,042. PUBLISHED AUGUST 9, 1938. Class 46.

361,514. SHEETS, PILLOW CASES AND TABLE LINENS. THE MAY DEPARTMENT STORES COMPANY, St. Louis, Mo.
Filed June 3, 1938. Serial No. 407,067. PUBLISHED AUGUST 9, 1938. Class 42.

361,515. TEXTILE PIECE GOODS OF RAYON, ACETATE AND/OR SILK. MARTIN WEINER, doing business as Martin Weiner Co., New York, N. Y.
Filed June 3, 1938. Serial No. 407,076. PUBLISHED AUGUST 9, 1938. Class 42.

361,516. PAPER NAPKINS. MENASHA PRODUCTS COMPANY, Menasha, Wis.
Filed June 4, 1938. Serial No. 407,102. PUBLISHED AUGUST 9, 1938. Class 37.

361,517. NONALCOHOLIC BEVERAGES MADE FROM FRUIT, PRINCIPALLY CITRUS FRUIT, AND SOLD AS A SOFT DRINK. R. R. OBER, Whittier, Calif.
Filed June 4, 1938. Serial No. 407,108. PUBLISHED AUGUST 9, 1938. Class 45.

361,518. LADIES' UNDERWEAR. ROSE FREED, Los Angeles, Calif.
Filed June 6, 1938. Serial No. 407,138. PUBLISHED JULY 26, 1938. Class 39.

361,519. CIGARETTES. KO WAH LUM, San Francisco, Calif.
Filed June 6, 1938. Serial No. 407,151. PUBLISHED AUGUST 9, 1938. Class 17.

361,520. GARMENT BAGS, SHOE BAGS, LAUNDRY BAGS, HAMPERS, BASKETS, BLANKET BOXES, HAT BOXES, MAKE-UP BOXES, POWDER BOXES, CLEANSING TISSUE BOXES. R. H. MACY & CO., INC., New York, N. Y.
Filed June 7, 1938. Serial No. 407,190. PUBLISHED AUGUST 9, 1938. Class 2.

361,521. HOSIERY. THE NOLDE AND HORST COMPANY, Reading, Pa.
Filed June 7, 1938. Serial No. 407,196. PUBLISHED AUGUST 2, 1938. Class 39.

361,522. MONTHLY MAGAZINE DEVOTED TO GARDENING. REAL GARDENING, INC., New Canaan, Conn.
Filed June 9, 1938. Serial No. 407,283. PUBLISHED AUGUST 9, 1938. Class 38.

361,523. NOTE BOOK FILLERS AND SCHOOL PAPERS. CARPENTER PAPER COMPANY, Omaha, Nebr.
Filed June 11, 1938. Serial No. 407,361. PUBLISHED AUGUST 9, 1938. Class 37.

361,524. CORDUROY FABRICS IN THE PIECE, MADE OF COTTON, RAYON, SILK, OR MIXTURES THEREOF. CROMPTON COMPANY, West Warwick, R. I., assignor to Crompton Company, a corporation of Delaware.
Filed June 11, 1938. Serial No. 407,367. PUBLISHED AUGUST 9, 1938. Class 42.

361,525. SILVER PLATED HOLLOWWARE. ONEIDA LTD., Sherrill and Oneida, N. Y., and Northampton, Mass.
Filed June 11, 1938. Serial No. 407,385. PUBLISHED AUGUST 9, 1938. Class 28.

361,526. MILK CANS, CREAM CANS, MILK CONTAINERS AND LIDS THEREFOR, AND THE LIKE FOR USE BY DAIRIES AND CREAMERIES. ANAEROID SALES CORPORATION, Denver, Colo.
Filed June 14, 1938. Serial No. 407,457. PUBLISHED AUGUST 9, 1938. Class 2.

361,527. TOOL STEELS. SEABOARD STEEL COMPANY OF AMERICA, New York, N. Y.
Filed June 16, 1938. Serial No. 407,564. PUBLISHED AUGUST 2, 1938. Class 14.

361,528. MILK CANS, CREAM CANS, MILK CONTAINERS AND LIDS THEREFOR, AND THE LIKE FOR USE BY DAIRIES AND CREAMERIES. ANAEROID SALES CORPORATION, Denver, Colo.
Filed June 17, 1938. Serial No. 407,581. PUBLISHED AUGUST 9, 1938. Class 2.

361,529. IRON AND IRON ALLOYS AND CASTINGS MADE THEREFROM. BELLE CITY MALLEABLE IRON COMPANY, Racine, Wis.
Filed June 18, 1938. Serial No. 407,617. PUBLISHED AUGUST 2, 1938. Class 14.

361,530. NECKLACES AND BRACELETS, FINGER RINGS, EARRINGS, JEWELRY CLIPS, BROACHES, LOCKETS, AND THE FOLLOWING GOODS MADE IN WHOLE OR IN PART OF PRECIOUS METAL OR PLATED WITH THE SAME: BEADS, PINS, ETC. COHN & ROSENBERGER, INC., New York, N. Y.
Filed June 18, 1938. Serial No. 407,621. PUBLISHED AUGUST 9, 1938. Class 28.

361,531. NICKEL SHOTS AND BLOCKS, AND MALLEABLE NICKEL. THE INTERNATIONAL NICKEL COMPANY, INC., New York, N. Y.
Filed June 18, 1938. Serial No. 407,630. PUBLISHED AUGUST 2, 1938. Class 14.

361,532. PAPER BAGS. ORCHARD PAPER CO., St. Louis, Mo.
Filed June 20, 1938. Serial No. 407,683. PUBLISHED AUGUST 9, 1938. Class 2.

361,533. PAPER BAGS. ORCHARD PAPER CO., St. Louis, Mo.
Filed June 20, 1938. Serial No. 407,684. PUBLISHED AUGUST 9, 1938. Class 2.

361,534. NON-ALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND SIRUPS AND EXTRACTS FOR MAKING THE SAME. THE FRED W. ALBRECHT GROCERY COMPANY, Akron, Ohio.
Filed June 22, 1938. Serial No. 407,746. PUBLISHED AUGUST 9, 1938. Class 45.

361,535. BEER. OTTO ERLANGER BREWING CO., Philadelphia, Pa.
Filed June 23, 1938. Serial No. 407,802. PUBLISHED AUGUST 9, 1938. Class 48.

361,536. BEER. OTTO ERLANGER BREWING CO., Philadelphia, Pa.
Filed June 23, 1938. Serial No. 407,803. PUBLISHED AUGUST 9, 1938. Class 48.

361,537. METALLIC WELDING ELECTRODES. THE LINCOLN ELECTRIC COMPANY, Cleveland, Ohio.
Filed June 27, 1938. Serial No. 407,952. PUBLISHED AUGUST 9, 1938. Class 14.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

361,538. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) PEPPERELL MANUFACTURING COMPANY, Boston, Mass. Filed Dec. 28, 1935. Serial No. 373,146.

AUBURN

For Cotton Sheeting in the Piece, Sheets, and Pillowcases.
Claims use since 1927.

361,539. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) A. FINK & SONS CO., INC., Newark, N. J. Filed Oct. 14, 1936. Serial No. 384,322.

Jersey
PIMIENTO ROLL

For Pimiento Meat Roll.
Claims use since Aug. 14, 1936.

361,540. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) PEPPERELL MANUFACTURING COMPANY, Boston, Mass. Filed Jan. 15, 1937. Serial No. 387,835.

KENTSHIRE

For Cotton Sheets and Pillowcases.
Claims use since Jan. 5, 1937.

361,541. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) BENTLEY MOTORS (1931) LIMITED, London, England. Filed Feb. 10, 1937. Serial No. 388,704.

BENTLEY

For Internal Combustion Engines and Parts Thereof.
Claims use since 1919.

361,542. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) HIXON ELECTRIC CO., South Boston, Mass. Filed June 8, 1937. Serial No. 393,807.

TREGO

For Electric Cable Fittings.
Claims use since Jan. 1, 1935.

361,543. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) LEE RUBBER & TIRE CORPORATION, Conshohocken, Pa. Filed June 9, 1937. Serial No. 393,928.

LEE
of Conshohocken

For Pneumatic Tires, Inner Tubes; Repair Kits for Tires, Tubes, and Rubber Footwear, Tire Patches, Tire Flaps, Air Hose, Garden Hose, Hose Gaskets, and Rubber Tubing.
Claims use since December, 1926.

361,544. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) I. B. KLEINERT RUBBER COMPANY, New York, N. Y. Filed Aug. 27, 1937. Serial No. 396,818.

S'PORTERS

For Men's Combination Abdominal Support and Jock Strap.
Claims use since Aug. 20, 1937.

361,545. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) KENNETH SMITH, Lenexa, Kans. Filed Sept. 17, 1937. Serial No. 397,519.

Swinging Balance

For Golf Clubs and Parts Thereof.
Claims use since Sept. 10, 1937.

361,546. (CLASS 32. FURNITURE AND UPHOLSTERY.) ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y. Filed Sept. 28, 1937. Serial No. 397,893.

Nantucket Post

For Beds, Dressers, Dressing Tables, Vanity Dressers, Chiffoniers, Chifforobes, Chests of Drawers; Dining, Night, Coffee, Card, and Occasional Tables; Buffets, China Cabinets, Chairs and Sofas; Tea Carts, Highboys, Lowboys, and Desks.
Claims use since Aug. 15, 1937.

361,547. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) WEIDLICH STERLING SPOON CO., Bridgeport, Conn. Filed Oct. 6, 1937. Serial No. 398,223.

Sterling Beauty

For Silverware—Namely, Hollow-ware and Flat-ware; Gold and Silver Plated Ware—Namely, Cake Baskets, Cake Trays, Relish Dishes, Bon-Bon Dishes, Salt and Pepper Sets, Roll Baskets, Water Pitchers, Candlesticks, Sandwich Plates, Sugar Bowl and Creamer, Ashtrays, and Trophies.
Claims use since Aug. 4, 1937.

361,548. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) MORTON C. BRADLEY, JR., Arlington, Mass. Filed Oct. 11, 1937. Serial No. 398,345.

Colormatch

For Educational Toys of Multi-Colored Discs.
Claims use since Sept. 1, 1936.

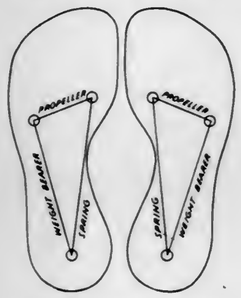
361,549. (CLASS 48. MALT BEVERAGES AND LIQUORS.) QUALITY BRANDS, INC., San Francisco, Calif. Filed Nov. 6, 1937. Serial No. 399,425.

FRISCO

For Beer.
Claims use since July 29, 1937.

361,550. (CLASS 39. CLOTHING.) J. ROBERT BELTER, New York, N. Y. Filed Nov. 11, 1937. Serial No. 399,632.

THREE POINT BALANCE



"NATURAL WALK SHOES"

For Shoes Made of Leather, Rubber, Fabric, or of Combinations of Said Materials.
Claims use since July 1, 1937.

361,551. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) BARAKAT BROS. INC., Union City, N. J. Filed Nov. 30, 1937. Serial No. 400,288.

Duo-Charm

For Woolen, Worsted, Silk, Rayon, and Rayon Mixtures in the Piece.
Claims use since August, 1937.

361,552. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) HOOD RIVER DISTILLERS, INC., Hood River, Oreg. Filed Dec. 6, 1937. Serial No. 400,505.

HOOD RIVER

For Fruit Brandies.
Claims use since Feb. 1, 1937.

361,553. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) BAUSCH & LOMB OPTICAL COMPANY, Rochester, N. Y. Filed June 28, 1938. Serial No. 407,969.

ARGYLE

For Ophthalmic Mountings.
Claims use since July 23, 1935.

361,554. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) BAUSCH & LOMB OPTICAL COMPANY, Rochester, N. Y. Filed June 28, 1938. Serial No. 407,970.

COLTON

For Ophthalmic Mountings.
Claims use since Mar. 6, 1936.

361,555. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) BAUSCH & LOMB OPTICAL COMPANY, Rochester, N. Y. Filed June 28, 1938. Serial No. 407,972.

MONROE

For Ophthalmic Mountings.
Claims use since Feb. 5, 1936.

361,556. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) A. J. BERGREN CO., INC., doing business as Delmar, Chicago, Ill., assignor to The Bell Company, Inc., Chicago, Ill., a corporation of Illinois. Filed July 9, 1938. Serial No. 408,337.

DELMAR

For Shoe Dressing.
Claims use since August, 1935.

361,557. (CLASS 45. BEVERAGES, NONALCOHOLIC.) IRVIN'S, INC., Battle Creek, Mich. Filed July 23, 1938. Serial No. 408,842.

Irvin's

For Nonalcoholic, Noncereal, Maltless Beverage Sold as Soft Drink.
Claims use since September, 1934.

361,558. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HENRY F. PHILLIPS, Portland, Oreg. Filed Aug. 10, 1938. Serial No. 409,437.

PHILLIPS

Recessed Head

For Screws.
Claims use since Dec. 15, 1934.

TRADE-MARK REGISTRATIONS RENEWED

122,752. A DERIVATIVE OF ANTIPYRIN USED AS AN ANTIPYRETIC OR ANTINEURALGIC. Registered September 10, 1918. SOCIÉTÉ CHIMIQUE DES USINES DU RHONE ANCIENNEMENT GILLIARD, P. MONNET ET CARTIER. Renewed September 10, 1938, to Societe Des Usines Chimiques Rhone-Poulenc, Paris, France, a corporation of France, by change of name.

122,924. PERFUMERY. Registered September 24, 1918. SOCIÉTÉ CHIMIQUE DES USINES DU RHONE ANCIENNEMENT GILLIARD, P. MONNET ET CARTIER. Renewed September 24, 1938, to Societe Des Usines Chimiques Rhone-Poulenc, Paris, France, a corporation of France, by change of name.

123,286. CELLULOID. Registered October 22, 1918. SOCIÉTÉ CHIMIQUE DES USINES DU RHONE ANCIENNEMENT GILLIARD, P. MONNET ET CARTIER. Renewed October 22, 1938, to Societe Des Usines Chimiques Rhone-Poulenc, Paris, France, a corporation of France, by change of name.

123,337. ROOFING MATERIAL COMPRISING FELTS SATURATED WITH COMPOUNDS. Registered October 29, 1918. THE FLINTKOTE COMPANY, Boston, Mass. Renewed October 29, 1938, to The Flintkote Company, New York, N. Y., a corporation of Massachusetts.

123,530. CORSETS. Registered November 19, 1918. AMERICAN LADY CORSET COMPANY, Detroit, Mich., a corporation of Michigan. Renewed November 19, 1938.

123,773. CHILDREN'S WAIST UNION-SUITS AND INFANTS' WRAPPERS. Registered December 10, 1918. AMAZON PRODUCTS CO. Renewed December 10, 1938, to Amazon Knitting Company, Muskegon, Mich., a corporation of Michigan, assignee.

124,168. OILS FOR LUBRICATING TEXTILES. Registered January 14, 1919. VACUUM OIL COMPANY. Renewed January 14, 1939, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York, assignee.

124,244. CERTAIN NAMED WOVEN AND KNITTED UNDERWEAR FOR MEN, WOMEN, AND CHILDREN. Registered January 28, 1919. NATHAN HATCH, Albany and Cohoes, N. Y. Renewed January 28, 1939, to Fuld & Hatch Knitting Company, Cohoes, N. Y., a corporation of New York, assignee by mesne assignments.

124,245. CERTAIN NAMED WOVEN AND KNITTED UNDERWEAR FOR MEN, WOMEN, AND CHILDREN. Registered January 28, 1919. NATHAN HATCH, Albany and Cohoes, N. Y. Renewed January 28, 1939, to Fuld & Hatch Knitting Company, Cohoes, N. Y., a corporation of New York, assignee by mesne assignments.

124,335. PORTABLE FIRE-EXTINGUISHERS. Registered February 4, 1919. PYRENE MANUFACTURING COMPANY, New York, N. Y. Renewed February 4, 1939, to Pyrene Manufacturing Company, Newark, N. J., a corporation of Delaware.

124,390. WORSTED AND WOOLEN YARN. Registered February 11, 1919. JAMES LEES AND SONS COMPANY. Renewed February 11, 1939, to James Lees & Sons Company, Bridgeport, Pa., a corporation of Pennsylvania.

124,400. COAL. Registered February 11, 1919. MONARCH COAL MINING COMPANY. Renewed February 11, 1939, to Sheridan-Wyoming Coal Company, Monarch, Wyo., a corporation of Delaware, assignee.

124,401. A PAMPHLET PUBLISHED DAILY. Registered February 11, 1919. NATIONAL COAL ASSOCIATION, Wilmington, Del., and Washington, D. C. Renewed February 11, 1939, to National Coal Association, Washington, D. C., an association of Delaware.

124,402. A PAMPHLET PUBLISHED FROM TIME TO TIME. Registered February 11, 1919. NATIONAL COAL ASSOCIATION, Wilmington, Del., and Washington, D. C. Renewed February 11, 1939, to National Coal Association, Washington, D. C., an association of Delaware.

124,420. AMINOBENZOIC-ACID ALKAMIN ESTERS AND DERIVATIVES THEREOF FOR USE AS A LOCAL ANESTHETIC. Registered February 11, 1919. SOCIÉTÉ CHIMIQUE DES USINES DU RHONE, ANCIENNEMENT GILLIARD, P. MONNET ET CARTIER. Renewed February 11, 1939, to Societe Des Usines Chimiques Rhone-Poulenc, Paris, France, a corporation of France, by change of name.

124,425. OILS USED FOR DRESSING AND FINISHING LEATHER. Registered February 11, 1919. VACUUM OIL COMPANY. Renewed February 11, 1939, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York, assignee.

124,591. FRUIT CAKE. Registered February 25, 1919. GORDON SMITH, Mobile, Ala. Renewed February 25, 1939.

124,655. WASHING COMPOUNDS OR MIXTURES. Registered March 11, 1919. AMERICAN SOAP & WASHOLINE CO., Cohoes, N. Y., a corporation of New York. Renewed March 11, 1939.

124,735. BAKING-POWDER AND BAKING-SODA. Registered March 11, 1919. LAYTON PURE FOOD COMPANY, St. Louis, Mo., and East St. Louis, Ill. Renewed March 11, 1939, to Rumford Chemical Works, Rumford, R. I., a corporation of Rhode Island, assignee.

124,743. LUBRICATING-OILS. Registered March 11, 1919. MCCORMICK & CO. Renewed March 11, 1939, to McCormick & Co., Incorporated, Baltimore, Md., a corporation of Maryland, assignee.

124,764. CERTAIN NAMED CLOTHING FOR CHILDREN. Registered March 11, 1919. SACKMAN BROTHERS COMPANY, New York, N. Y., a corporation of New York. Renewed March 11, 1939.

124,790. SHIP-RIVETS. Registered March 11, 1919. TOWNSEND COMPANY, New Brighton, Pa., a corporation of Pennsylvania. Renewed March 11, 1939.

124,799. LUBRICATING-OILS. Registered March 11, 1919. VACUUM OIL COMPANY. Renewed March 11, 1939, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York, assignee.

124,886. DISPLAY-COUNTERS. Registered March 18, 1919. SHERER GILLETT CO., Chicago, Ill. Renewed March 18, 1939, to Sherer Gillett Co., Marshall, Mich., a corporation of Illinois.

124,909. WHEAT-FLOUR. Registered March 18, 1919. THE WARRENSBURG MILLS, Warrensburg, Mo. Renewed March 18, 1939, to Rodney Milling Company, Kansas City, Mo., a corporation of Delaware, assignee.

124,916. STERILIZERS ADAPTED FOR LABORATORY AND SURGICAL WORK. Registered March 18, 1919. WILMOT CASTLE COMPANY, Rochester, N. Y., a corporation of New York. Renewed March 18, 1939.

LABELS

REGISTERED OCTOBER 18, 1938

51,930.—*Title:* BEECH-NUT RESTAURANT COFFEE. For Coffee. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published July 22, 1938.

51,931.—*Title:* HARBOR LIGHT. For Soda Crackers. BRIGHT BISCUIT COMPANY, INC., Kansas City, Kans. Published August 1, 1938.

51,932.—*Title:* CRUNCH-ETTES. For a Breakfast Cereal. THE CERA-LAC COMPANY, Los Angeles, Calif. Published February 14, 1938.

51,933.—*Title:* TOM'S CHEX. For Toasted and Salted Corn. THE CHEX COMPANY, INC., Dallas, Tex. Published April 5, 1938.

51,934.—*Title:* FINE FOOTWEAR. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published September 15, 1938.

51,935.—*Title:* ICE CREAM (APPLICATION NO. 3). For Ice Cream. CONTAINER CORPORATION OF AMERICA, Chicago, Ill. Published May 1, 1938.

51,936.—*Title:* ICE CREAM (APPLICATION NO. 4). For Ice Cream. CONTAINER CORPORATION OF AMERICA, Chicago, Ill. Published May 1, 1938.

51,937.—*Title:* THE NUT HOUSE. For Nuts. M. A. CURTISS, Kalamazoo, Mich. Published August 13, 1938.

51,938.—*Title:* LONESOME PINE FOLLICLE LOTION. For Follicle Lotion. T. DE PAULIS, Detroit, Mich. Published September 8, 1938.

51,939.—*Title:* FAMOUS FOODS, INC. For Potato Chips. FAMOUS FOODS INC., Detroit, Mich. Published August 11, 1938.

51,940.—*Title:* BRAVO! For Artificial Synthetic Table Water or Mineral Water. JOHN FEWKES, Chicago, Ill. Published August 18, 1938.

51,941.—*Title:* INDUSTANI MASSAGE OIL AND NERVE TONIC RUB. For a Massaging Oil and Nerve Tonic Rub. EARL A. FIDDLER, Indianapolis, Ind. Published September 15, 1938.

51,942.—*Title:* INDUSTANI RING WORM AND PSORIASIS OINTMENT. For a Ringworm and Psoriasis Ointment. EARL A. FIDDLER, Indianapolis, Ind. Published September 15, 1938.

51,943.—*Title:* INDUSTANI SKIN OINTMENT. For Skin Ointment. EARL A. FIDDLER, Indianapolis, Ind. Published September 15, 1938.

51,944.—*Title:* MASTER BOURBON. For Straight Bourbon Whiskey. FORT CLARK CORPORATION, Peoria, Ill. Published August 15, 1938.

51,945.—*Title:* FRESH CRUSHED, WEST INDIAN LIME JUICE. For Lime Juice. GINGER LABORATORIES, INC., New York, N. Y. Published September 10, 1938.

51,946.—*Title:* KINGS FAVOURITE—BLENDED SCOTCH WHISKY. For Blended Scotch Whisky. CHARLES GOLDFUS, doing business as Charles Wine & Import Co., Minneapolis, Minn. Published July 21, 1938.

51,947.—*Title:* CANDID CAMERA PHOTOS OF 1938. For Candid Camera Photos of 1938 Summer Clothes. DAVID M. GOODSTEIN, INC., New York, N. Y. Published May 27, 1938.

51,948.—*Title:* GYPSY FIRE. For a Powder for Producing Colored Flames. GYPSY FIRE FOLKE CO., INC., Delmar, N. Y. Published July 27, 1938.

51,949.—*Title:* DOLE PINEAPPLE STARS AND BARS. For Pineapple. HAWAIIAN PINEAPPLE COMPANY LTD., Honolulu, Territory of Hawaii, and San Francisco, Calif. Published September 9, 1938.

51,950.—*Title:* PULASKI. For Vienna Type Beer. STANLEY JABLONSKI, Cleveland, Ohio. Published April 20, 1938.

51,951.—*Title:* JAX SPECIAL PALE BREW. For Beer. JACKSON BREWING COMPANY, New Orleans, La. Published August 13, 1938.

51,952.—*Title:* CHATEAU JERO. For a Carbonated and Non-Alcoholic Bar Mixer. JERO PRODUCTS CO., Chicago, Ill. Published July 18, 1938.

51,953.—*Title:* JOHNSON'S PERFECTONE UNDERCOAT. For a White Undercoat Used as the Basis for an Enamel Finish. S. C. JOHNSON & SON, INC., Racine, Wis. Published March 4, 1938.

51,954.—*Title:* O'LEARY'S. For Straight Bourbon Whiskey. MAX LEVENSON, Pittsburgh, Pa. Published September 6, 1938.

51,955.—*Title:* McBRADY'S SKIN YOUTH OILS MAKES OLD SKIN LOOK YOUNGER. For Skin Oils. J. E. McBRADY AND COMPANY, Chicago, Ill. Published December 7, 1937.

51,956.—*Title:* N. HESS' SONS. For Footwear. FRANK C. MEYER CO. INC., New York, N. Y. Published January 15, 1938.

51,957.—*Title:* POLAR BRAND FROSTED FRESH FOODS. For Frosted Sliced Marshall Strawberries. SAMUEL A. MOFFETT, doing business as S. A. Moffett Company, Seattle, Wash. Published July 22, 1938.

51,958.—*Title:* MOR COLA. For Cola Beverage. MORLAND BROS. BEVERAGE CO., Chicago, Ill. Published April 1, 1938.

51,959.—*Title:* SHURFINE (ORANGE BEVERAGE). For an Orange Beverage. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 1, 1936.

51,960.—*Title:* NORTHMONT. For Hosiery. NORTHMONT HOSIERY CORPORATION, Reading, Pa. Published November 1, 1935.

51,961.—*Title:* BIRTHDAY BOTTLE AMONTILLADO SHERRY. For Amontillado Sherry. THE PADDINGTON CORPORATION, New York, N. Y. Published July 20, 1938.

51,962.—*Title:* GORDON BUCHANNAN CIGARETTES. For Cigarettes. CHRISTIAN PEPER TOBACCO COMPANY, St. Louis, Mo. Published May 21, 1938.

51,963.—*Title:* BLOSSOM CANDY COATED PEPPERMINT CHICLE. For Chewing Gum. PEPPERMINT CORPORATION, New York, N. Y. Published April 1, 1938.

51,964.—*Title:* BLOSSOM MINTS. For Mints. PEPPERMINT CORPORATION, New York, N. Y. Published April 1, 1938.

51,965.—*Title:* KOOL-AID. For Mixture of Dextrose, Flavor, Fruit Acid, Vitamin D and Coloring for Making Soft Drinks and Frozen Desserts. PERKINS PRODUCTS COMPANY, Chicago, Ill. Published January 7, 1938.

51,966.—*Title:* FLEECY WHITE. For a Laundry Bleach. JOHN PUHL PRODUCTS COMPANY, Chicago, Ill. Published July 26, 1938.

51,967.—*Title:* CITRA-GOLD. For Canned Lemon Juice. E. A. SILZLE CORPORATION, Anaheim, Calif. Published September 15, 1938.

51,968.—*Title:* CITRA-GOLD. For Canned Orange Juice. E. A. SILZLE CORPORATION, Anaheim, Calif. Published September 15, 1938.

51,969.—*Title:* L'HEURE EXQUISE. For Perfumes and Cosmetics. FRANCES TIPTON, Corona, Calif. Published October 14, 1937.

51,970.—*Title:* VAPOO—THE UPHOLSTERY AND RUG SHAMPOO. For Shampoo for Upholstery and Rugs. VAPOO PRODUCTS CO. INC., New York, N. Y. Published September 7, 1938.

51,971.—*Title:* ZIPPY. For a Chocolate Flavored Malt and Milk Drink. SAMUEL L. VITALE, doing business as Vital Products Company, Detroit, Mich. Published August 11, 1938.

51,972.—*Title:* WALDEN'S SUPER HAIR GROWER. For a Hair Grower. MARIE WALDEN, Philadelphia, Pa. Published February 1, 1937.

51,973.—*Title:* WAXON RE-NU-ER. For Automobile Polish. WAXON CHEMICAL CO., Kansas City, Mo. Published July 1, 1937.

51,974.—*Title:* GARDEN LAND. For Early Variety Peas. WISCONSIN CANNERS COOPERATIVE, Waupun, Wis. Published July 20, 1938.

51,975.—*Title:* MADRE. For Salt. WORCESTER SALT COMPANY, New York, N. Y. Published August 25, 1938.

51,976.—*Title:* ORIGINAL PEAU SECHE DRY SKIN. For Superfatted Soap. WRIGHT & LAWRENCE PEAU SECHE SALES, INC., Chicago, Ill. Published July 1, 1938.

PRINTS

REGISTERED OCTOBER 18, 1938

17,072.—*Title:* X MARKS THE SPOT. For Beer. AJAX BREWING CORPORATION, Indianapolis, Ind. Published July 27, 1938.

17,073.—*Title:* ESKIMO PIE. For Frozen Confections. ESKIMO PIE CORPORATION, Bloomfield, N. J. Published August 12, 1938.

17,074.—*Title:* ESKIMO PIE. For Frozen Confections. ESKIMO PIE CORPORATION, Bloomfield, N. J. Published August 12, 1938.

17,075.—*Title:* 2 FOR 5¢ ESKIMO POP-PIE. For Frozen Confections. ESKIMO PIE CORPORATION, Bloomfield, N. J. Published August 12, 1938.

17,076.—*Title:* ICY-FROST. For Frozen Confections. FROZEN NOVELTIES SALES CORPORATION, New York, N. Y. Published September 1, 1938.

17,077.—*Title:* ICY-FROST. For Frozen Confections. FROZEN NOVELTIES SALES CORPORATION, New York, N. Y. Published September 1, 1938.

17,078.—*Title:* FRUITI-FROST. For Frozen Confections. FROZEN NOVELTIES SALES CORPORATION, New York, N. Y. Published September 1, 1938.

17,079.—*Title:* FRUITI-FROST. For Frozen Confections. FROZEN NOVELTIES SALES CORPORATION, New York, N. Y. Published September 1, 1938.

17,080.—*Title:* FUDGI-FROST. For Frozen Confections. FROZEN NOVELTIES SALES CORPORATION, New York, N. Y. Published September 1, 1938.

17,081.—*Title:* SMASH THE BREAKFAST LINE WITH WHEATIES! For Cereal Food. GENERAL MILLS, INC., Minneapolis, Minn. Published September 20, 1938.

17,082.—*Title:* THIS CAKE WILL MAKE THEM SIT UP AND TAKE NOTICE! For Flour. GENERAL MILLS, INC., Minneapolis, Minn. Published September 25, 1938.

17,083.—*Title:* BETTER—NOT BITTER. For Beer. THE GLOBE BREWING COMPANY, Baltimore, Md. Published July 27, 1938.

17,084.—*Title:* BEST IN ASBESTOS. For Asbestos Shingles. KEASBEY & MATTISON COMPANY, Ambler, Pa. Published September 1, 1938.

17,085.—*Title:* LUCKY STAR KUP. For Ice Cream. MONO SERVICE CO., Newark, N. J. Published May 15, 1938.

17,086.—*Title:* THE HEART'S DESIRE OF 8 MILLION STUDENTS. For Fountain Pens, Mechanical Pencils, and Ink. THE PARKER PEN COMPANY, Janesville, Wis. Published September 10, 1938.

17,087.—*Title:* STANZOIL. For Rubber Gloves for Domestic and Industrial Use. THE PIONEER RUBBER COMPANY, Willard, Ohio. Published August 18, 1938.

17,088.—*Title:* THE WORLD SITS ON STANDARD FOLDING CHAIRS. For Folding Chairs and Park Benches. THE STANDARD MANUFACTURING CO., Cambridge City, Ind. Published July 30, 1938.

REISSUES

OCTOBER 18, 1938

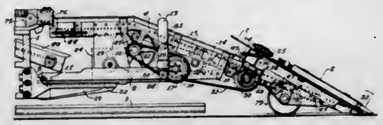
20,883

POWER LOADER

John L. Clarkson, Nashville, Ill.

Original No. 1,904,355, dated April 18, 1933, Serial No. 470,031, July 23, 1930. Application for reissue February 28, 1938, Serial No. 193,091

11 Claims. (Cl. 198—8)



1. A loading machine of the character described, comprising, an elevating conveyor at the front of the machine extending upwardly and rearwardly, a gathering head overlapping said conveyor and having an unobstructed way therealong, and gathering means moving in a path along said head and operable to progress the material along said way in the path of said gathering means and on to said conveyor, said gathering means thereafter moving laterally out of said way, said conveyor moving in a path spaced vertically from that of said gathering means a maximum distance in the zone where said gathering means moves out of said way and sufficiently to free the material lumps against being swept off the conveyor and the head.

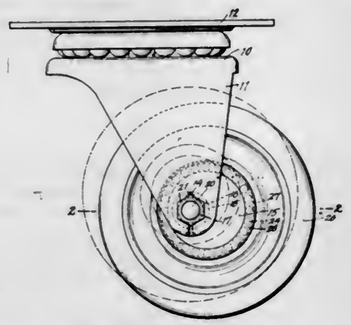
20,884

COMPENSATING WHEELED STRUCTURE

Walter F. Herold, Bridgeport, Conn., assignor to The Bassick Company, Bridgeport, Conn., a corporation of Connecticut

Original No. 2,082,798, dated June 8, 1937, Serial No. 25,060, June 5, 1935. Application for reissue July 3, 1937, Serial No. 151,898

2 Claims. (Cl. 152—43)



1. In a compensating wheeled structure, a wheel carrying member including a spindle, an eccentric bearing member disposed about said spindle in spaced relation, a wheel mounted upon said eccentric member, and a body of rubber disposed in highly stressed and confined relation between said spindle and said bearing member constituting both a torsion element and a load support between said spindle and said bearing member, the stress of said body of rubber being such as to prevent relative radial displacement between said spindle and said bearing member, said bearing member adapted to rotate about said spindle as load is imposed upon the wheel structure to tension said rubber body through torsional strain set up therein.

20,885

LIQUID SEPARATING DEVICE

Julius F. Kopsa, Chicago, Ill., assignor to Kopolator Corporation, Chicago, Ill., a corporation of Illinois

Original No. 2,006,244, dated June 25, 1935, Serial No. 679,674, July 10, 1933. Application for reissue June 24, 1937, Serial No. 150,210

19 Claims. (Cl. 183—77)



9. In a separator for removing impurities from gas, the combination of a casing, means inside said casing defining a passageway for gas, said passageway extending lengthwise through said casing and having a series of spaced annular chambers communicating therewith and spaced away from said casing, means for directing a flow of gas through said passageway from one end to the opposite end, a series of impellers mounted in said passageway at points opposite said chambers, respectively, and adapted to be rotated by the gas flow, each impeller having blades extending into and across the associated chamber and conforming to the dimensions thereof except for the necessary clearance to permit rotation, said blades being operative during rotation to transfer impurities from the gas stream to said chambers, and openings in the said chambers to permit the impurities to pass out into said casing.

20,886

LOAD TRANSFER DEVICE FOR ROADWAYS

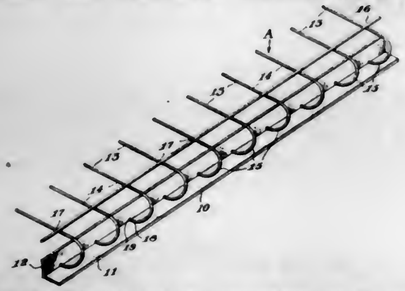
Louis B. Johnson, Baltimore, Md., assignor to Dow-Weld Company, Inc., a corporation of Maryland

Original No. 2,104,866, dated January 11, 1938, Serial No. 137,114, April 15, 1937. Application for reissue June 14, 1938, Serial No. 214,053

12 Claims. (Cl. 94—18)

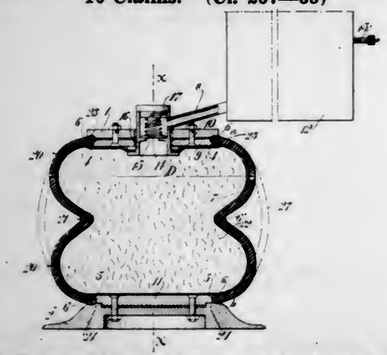
1. A load-transfer device for roadways comprising a supporting member having horizontal and vertical flanges, a plurality of dowels posi-

tioned at spaced intervals extending above said member and transversely thereof, said dowels



each having a vertical extension rigidly connected to said member.

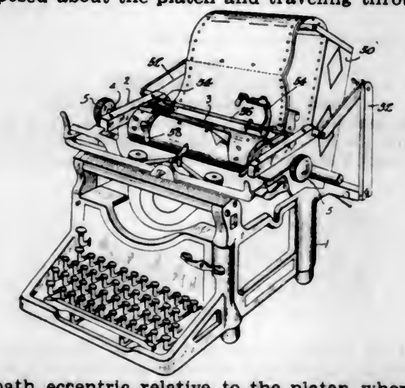
20,887
CUSHIONING DEVICE
Jean Mercier, Neuilly-sur-Seine, France
Original No. 2,017,419, dated October 15, 1935, Serial No. 647,627, December 16, 1932. Application for reissue November 3, 1936, Serial No. 109,000. In France December 30, 1931
10 Claims. (Cl. 267—35)



2. In a vehicle having in combination a body, running gear, and a pneumatic spring comprising a flexible fluid container between said body and said wheels serving as the sole supporting and dampening means between said wheel and body, said flexible container having a pair of enlarged radially extensible portions and a restricted radially inextensible portion between said extensible portions, said extensible portions having a cross-sectional contour comprising a substantial arc of a circle, the walls of said fluid container being reinforced to prevent longitudinal extensibility thereof, whereby the volumetric capacity of said container decreases upon axial compression or axial elongation thereof from an intermediate position, whereby the rate of said spring increases upon axial compression and a snubbing action takes place upon axial elongation.

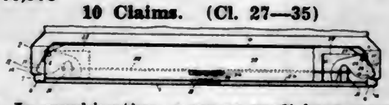
20,888
PIN FEED PLATEN ROLL
John Q. Sherman, Dayton, Ohio, assignor to The Standard Register Company
Original No. 2,000,649, dated May 7, 1935, Serial No. 542,855, June 8, 1931. Application for reissue February 16, 1937, Serial No. 126,100
46 Claims. (Cl. 197—133)

35. In a writing machine a platen roll having therein a circumferential series of spaced holes, an endless series of traveling feeding pins engageable in corresponding holes in a record sheet disposed about the platen and traveling through



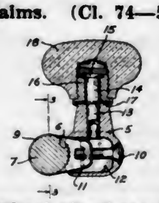
a path eccentric relative to the platen wherein the pins intermesh with the holes in the platen simultaneously with their engagement in holes in the record sheet.

20,889
VAULT BASE
Ralph E. Smith, Galion, Ohio, assignor to The Galion Metallic Vault Company, Galion, Ohio, a corporation of Ohio
Original No. 2,087,487, dated July 20, 1937, Serial No. 88,669, July 2, 1936, which is a division of Serial No. 1,600, January 14, 1935, now Patent No. 2,071,585, dated February 23, 1937. Application for reissue October 1, 1937, Serial No. 166,868
10 Claims. (Cl. 27—35)



7. In combination, a grave vault base comprising a centrally arranged struck-up portion having a marginal flange at the bottom thereof, reinforcing plates on the bottom of said base extending across at least a portion of said base sufficient to reinforce the base and to form with the base an enclosure for locking mechanism, and locking mechanism mounted on both said reinforcing plate and upon said base.

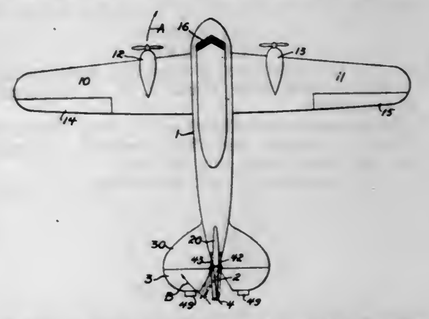
20,890
STEERING WHEEL SPINNER KNOB
Joel R. Thorp, West Allis, Wis., assignor to The Fulton Company, West Allis, Wis., a corporation of Wisconsin
Original No. 2,101,519, dated December 7, 1937, Serial No. 113,283, November 30, 1936. Application for reissue August 29, 1938, Serial No. 227,391
7 Claims. (Cl. 74—557)



1. A steering wheel attachment, comprising, a bracket having a lateral recess and spaced gripping portions on opposite sides of said recess formed for coaction with the inner side of the steering wheel rim, a clamping strap snugly embracing the outside and top and bottom of the rim between said gripping portions and having its ends overlapped and disposed within said recess, adjustable means coacting with said overlapped strap ends and with said bracket to pull said strap into clamping engagement with the rim and to simultaneously force said gripping portions against the rim, a journal pin secured to said bracket and projecting upwardly therefrom, and a knob rotatably supported by said pin.

20,891
CONTROL FLAP AND BALANCE
Leslie R. Tower, Seattle, Wash., assignor to Boeing Aircraft Company, Seattle, Wash., a corporation of Washington
Original No. 1,914,000, dated June 13, 1933, Serial No. 557,830, August 18, 1931. Application for reissue April 16, 1934, Serial No. 720,886
5 Claims. (Cl. 244—82)

1. In combination with an airplane structure, a control surface hingedly mounted thereon, a balance flap hingedly mounted substantially at the trailing edge of said control surfaces, masts projecting oppositely from said flap, a line extending from each mast forward, guides for said lines fixed relative to the airplane structure, and disposed adjacent the hinge axis of the control



surface, at a distance therefrom at each side equal to the distance of the masts from the hinge axis of the flap, and means for taking in or paying out said lines to adjust the flap angularly relative to the control surface.

PLANT PATENTS

GRANTED OCTOBER 18, 1938

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

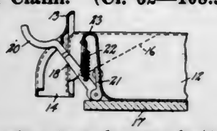
295
ROSE
Ivar Ringdahl, Rome, N. Y.
Application January 27, 1938, Serial No. 187,329
1 Claim. (Cl. 47—61)

The new and distinct variety of rose plant as shown and described, characterized particularly by its abundant dark foliage of heavy substance, its unusually long bud, and its prolific production of blooms of exceptionally good keeping qualities, lasting fragrance, distinctive permanent color between Tyrian Red and Amaranth Purple, and with petals of very large size.

PATENTS

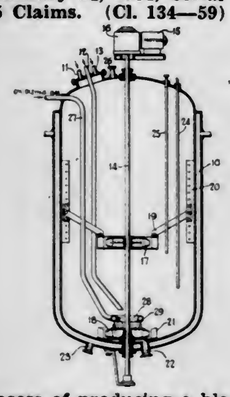
GRANTED OCTOBER 18, 1938

2,133,266
ICE TRAY
Sven W. E. Andersson, Evansville, Ind., assignor to Servel, Inc., New York, N. Y., a corporation of Delaware
Original application October 27, 1933, Serial No. 695,398. Divided and this application September 19, 1936, Serial No. 101,567
1 Claim. (Cl. 62—108.5)



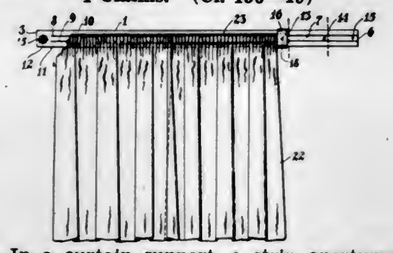
An ice freezing tray having bottom, side, and end walls, a front plate secured to the tray in spaced parallel relation with one of said end walls, said front plate having a vertical slot and being formed to provide a handle for the tray, a lever having one end projecting through the slot in said front plate and the other end pivotally connected to said tray adjacent the lower front edge thereof, a spring for normally holding the lever against the top of said slot, and the pivoted end of said lever being formed as a cam which engages a tray supporting shelf when rotated by movement of the projecting end of said lever downward in said slot against the action of said spring to loosen any ice bond there may be between the shelf and the bottom of the tray.

2,133,267
BLACK OXIDE OF IRON AND PROCESS FOR MAKING THE SAME
Joseph W. Ayers, Easton, Pa., assignor to C. K. Williams & Co., Easton, Pa., a corporation of Pennsylvania
Application January 24, 1934, Serial No. 708,034
25 Claims. (Cl. 134—59)



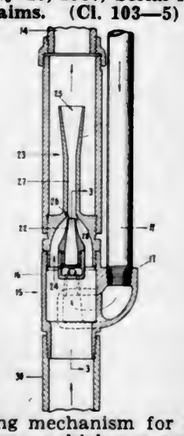
21. The process of producing a black oxide of iron comprising precipitating a ferrous compound from a solution of a ferrous salt by means of a solution of an alkali at a rate to produce optimum balance of tinting strength and color, and heating the resulting precipitate to a temperature of from 122 to 347° F., in an aqueous alkaline solution during agitation under superatmospheric pressure in the presence of oxygen until $FeO.Fe_2O_3$ is obtained.

2,133,268
CURTAIN ROD
Margret Bayard, Brooklyn, N. Y.
Application January 8, 1936, Serial No. 58,087
4 Claims. (Cl. 156—19)



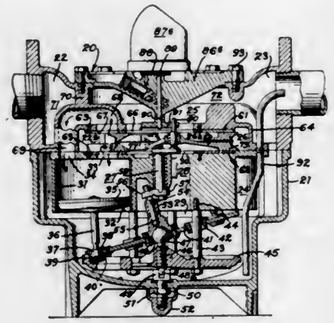
4. In a curtain support, a strip apertured at one end for securing the support to the window casing and a tongue formed by slitting said strip a substantial part of its length to receive and hang a curtain and to form a top and bottom member and an apertured retaining piece securing said tongue and said top and bottom member at the opposite end of said strip, said tongue having a plurality of apertures any one of which is cooperable with the aperture in said retaining piece to facilitate support of said opposite end of said strip.

2,133,269
MULTISTAGE LIQUID ELEVATOR
Philip Berman, New York, and Leonard B. Harris, Bayside, N. Y., assignors to Albe Pump Corporation, Brooklyn, N. Y., a corporation of New York
Application May 10, 1937, Serial No. 141,830
2 Claims. (Cl. 103—5)



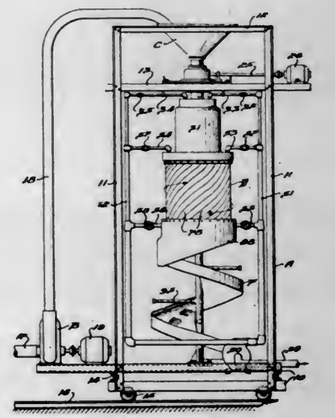
1. In a pumping mechanism for a deep well, comprising a pump, a high pressure drive line connected to the pump discharge, a multi-stage liquid elevator disposed in said well and connected to said drive line, said elevator having an elongated tubular central body portion, a storage chamber circumscribing said tubular body portion, a plurality of conical converging nozzles connected with said chamber and being positioned diametrically of said tubular body and in inverted V-shaped form, the apex of said inverted V coinciding with the axis of said tubular body portion, an upper conical converging and combining nozzle in alinement with the axis of said tubular body portion and with said apex positioned within said nozzle, a Venturi tube positioned at the upper end of said tubular body portion, said upper nozzle being positioned inside the converging portion of said Venturi tube with the outlet of said nozzle terminating closely contiguous to the throat of said Venturi tube, each of said converging nozzles having an elongated linear body and being designed for increasing the velocity of a liquid passing therethrough, whereby the velocity of the liquid is repeatedly increased before entering said Venturi tube and forms a high suction at the throat of said Venturi tube which entrains and lifts the water from the well, and means in circumscribing relation with said Venturi tube for connecting said elevator with the pump suction.

2,133,270
COMPOUND ACTION METER
Hosmer L. Blum, Fort Wayne, Ind.
Application October 12, 1935, Serial No. 44,781
26 Claims. (Cl. 73—244)



1. A fluid meter having a pair of terminal openings for flow of fluid respectively into and out of the meter, a valve chamber having independent communication with each of said terminal openings and being provided at opposite sides of its interior with relatively spaced valve seat faces, each having ports for communicating with measuring cylinders, a rotatable valve in said valve chamber for controlling the said ports thereof, the said valve chamber being of such a diameter as to provide exteriorly of the valve a fluid conduit communicating directly with one of said terminal openings, a plurality of ported cylinders arranged radially about a common center, said cylinders having their respective longitudinal axes parallel and each having valve-controlled communication with the valve chamber, a piston reciprocal in each cylinder and means operatively responsive to reciprocation of successive pistons for correlating the reciprocation of the pistons and translating the reciprocation thereof to rotary motion for rotating the valve, said valve comprising a side wall, a valve face at each of its opposite ends and a central conduit which communicates with the other of said terminal openings, said valve faces each having an opening therethrough to said central conduit, said valve face openings being eccentric to the common center about which the cylinders are arranged, the said valve being free of conduit communication between cylinders which are respectively discharging and receiving fluid simultaneously and cooperating with the valve seat faces to prevent such communication, and being adapted for opening each of said ports of the valve chamber to communication successively with the fluid conduit exteriorly of the valve and with the central conduit of the valve.

2,133,271
APPARATUS FOR SEPARATING GOLD
Frank W. Brintnall, Detroit, Mich., assignor to Ulysses S. Bratton, Jr., Detroit, Mich.
Application December 16, 1935, Serial No. 54,781
23 Claims. (Cl. 209—12)

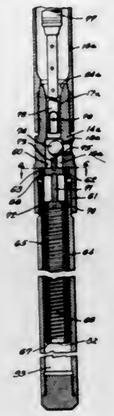


1. Gold reclaiming apparatus comprising a rotatable separator structure having its axis disposed substantially vertically, means for rotating said separator structure about said axis, said separator structure having an axial spiral core providing a dirt conducting passage, means for introducing gold-bearing dirt to the upper end of said core for gravity flow downwardly therethrough, the convolutions of said spiral core being spaced from each other to provide dirt passage laterally therebetween, said convolutions progressively diminishing in diameter from the upper end portion of said core toward the lower end portion thereof to catch said dirt flowing downwardly therethrough, a spiral guideway extending laterally of said core for conducting said dirt laterally outwardly from said spaces between the convolutions of said spiral core, and gold collecting means carried by said guideway.

2,133,272
MEANS FOR DRAINING OIL WELL TUBING
Clarence J. Coberly, Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev., a corporation of Nevada
Application February 11, 1935, Serial No. 5,928
24 Claims. (Cl. 103—46)

1. In a well structure of the character described, the combination of: a tube extended down into said well, said tube having a seat near the lower end thereof; an inlet check valve at the lower end of said tube below said seat, said valve comprising a valve opening and a closure member for said opening; and a body adapted to be dropped into the upper end of said tube, whereupon it will gravitate to a position in prox-

imity to said seat, said body having a part adapted to extend through said seat to engage said closure



member and displace the same from said valve opening.

2,133,273

METHOD OF ALTERING THE SETTING TIME OF PECTIN

Raymond E. Cox, Corona, Calif., assignor to California Fruit Growers Exchange, Los Angeles, Calif., a corporation of California

No Drawing. Application December 24, 1935, Serial No. 56,107
7 Claims. (Cl. 99—132)

2. A method of increasing the normal, intrinsic setting time of pectin which comprises: subjecting pectinous material to the action of a basic reagent for a period of time and at a temperature and under conditions of pH insufficient to destroy the gelation characteristics of the pectin but sufficient to materially increase the intrinsic setting time thereof.

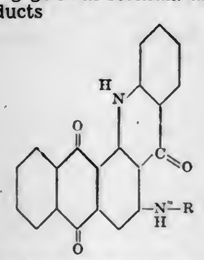
2,133,274

DYESTUFFS OF THE ANTHRAQUINONE SERIES

William Dettwyler, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application May 25, 1936, Serial No. 81,687
4 Claims. (Cl. 260—276)

1. Compounds of the class consisting of those of the following general formula and their halogenation products



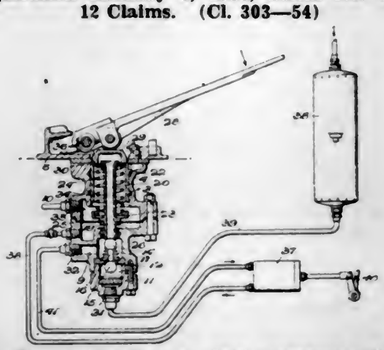
wherein R stands for an acyl radical of an organic carboxylic acid.

2,133,275

CONTROL MECHANISM

William J. Andres, Pittsburgh, Pa., and Roy S. Sanford, New York, N. Y., assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa., a corporation of Delaware

Application January 3, 1936, Serial No. 57,411
12 Claims. (Cl. 303—54)



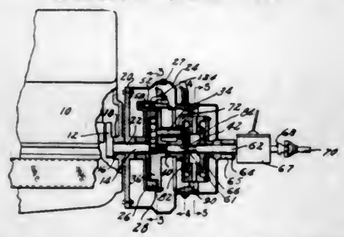
1. In combination, a fluid pressure actuator, self-lapping valve means for controlling the flow of fluid pressure to said actuator, means including a pressure-responsive member for lapping said valve means when the pressure in said actuator reaches a predetermined valve, and means for insuring a rapid build-up of pressure in said actuator upon operation of said valve means to a predetermined degree, said last named means including means for serially conducting fluid pressure from said valve means to said actuator and pressure-responsive member.

2,133,276

POWER TRANSMISSION

Robert L. Ballantyne, Perrysburg, Ohio

Application October 16, 1935, Serial No. 45,287
8 Claims. (Cl. 74—293)



1. In a power transmission, the combination of a rotatable housing; a drive shaft terminating therein; a casing mounted on said shaft for rotation thereon; a gear within said casing and fixed to said shaft; an idler gear in mesh with said gear; a shaft adapted to be driven by said casing; differential gearing between said idler gear and said driven shaft; and means to vary the speed of said driven shaft.

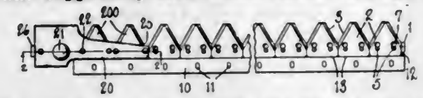
2,133,277

CUTTER OR SICKLE BAR

Dennis H. Bennett, Grandville, Mich., assignor of one-third to Lillian Halford and one-third to Walter E. Ihling, both of Kalamazoo, Mich.

Application November 9, 1936, Serial No. 109,940
14 Claims. (Cl. 56—298)

1. In a reciprocating cutter, the combination of a cutter bar having a plurality of headed studs arranged thereon in spaced pairs with the heads of the studs spaced from the bar, a plurality of cutter blades having forwardly converging cutting edges and provided with keyhole slots disposed with their reduced portions rearwardly and receiving pairs of said studs, said studs supporting said cutter blades in edge-to-



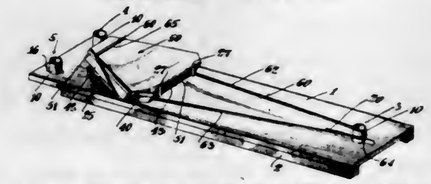
edge relation on the cutter bar with their rear edges projecting rearwardly of the cutter bar, a retaining bar having a rabbeted edge receiving the rear edges of said blades and acting to restrain displacement thereof, said retaining bar having provision for adjustment transversely of said cutter bar.

2,133,278

METHOD OF AND APPARATUS FOR ASSEMBLING PACKAGES

Ronald R. Brogden, Orlando, Fla., assignor to Bank of The Manhattan Company, New York, N. Y., a corporation of New York, trustee

Application May 15, 1936, Serial No. 79,879
12 Claims. (Cl. 93—6)



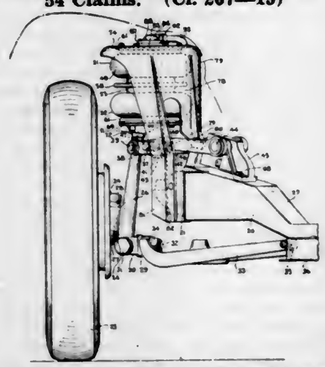
1. The method of applying an elastic binder to an article of generally triangular shape which comprises disposing and maintaining an elastic binder in extended form to present end bights in predetermined spaced-apart relation, placing the article with one face cooperatively adjacent said binder intermediate said bights and with one apex or corner portion in general alignment with said bights, and looping said bights oppositely around said apex or corner portion.

2,133,279

PNEUMATIC SUSPENSION DEVICE

Roy W. Brown, Akron, Ohio

Application January 3, 1936, Serial No. 57,355
54 Claims. (Cl. 267—15)



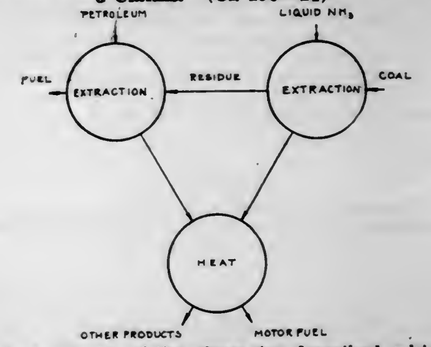
1. A pneumatic suspension for vehicles and the like comprising a flexible bellows having portions connected respectively with the chassis and wheel and adapted to receive air under pressure, a reservoir mounted exteriorly of said bellows and adapted to receive air under pressure, a conduit connecting the interior of said bellows with the interior of said reservoir, a valve member movably mounted between said bellows and reservoir and adapted to control the flow of air through said conduit, and an oscillatory member for controlling the movement of said valve member, said oscillatory member being normally positioned for engagement with said valve member upon the compression of said bellows to thereby maintain unrestricted communication between said bellows and reservoir whereby relative movement of said chassis and wheel toward each other is increasingly resisted by reason of the building up of pressure, said valve member being moved out of engagement with said oscillatory member on the expansion of said bellows and to a position in which communication between said bellows and reservoir is effectively shut off whereby the built-up pressure tends to resist the rebound movement of said chassis and wheel.

2,133,280

PREPARATION OF MINERAL OIL PRODUCTS AND THE LIKE

Robert E. Burk, Cleveland, Ohio, assignor to The Standard Oil Company (Ohio), Cleveland, Ohio, a corporation of Ohio

Application April 26, 1935, Serial No. 18,407
3 Claims. (Cl. 196—14)



1. A process of the character described, which comprises subjecting solid bituminous mineral matter to solvent action by a non-oleaginous non-aqueous solvent, separating undissolved residue, separating dissolved constituents from the solvent, subjecting such constituents to cracking heat, subjecting the aforesaid undissolved residue to the action of a petroleum solvent, separating undissolved residue from the petroleum solvent, separating petroleum solvent from the dissolved constituents, and subjecting the latter constituents to cracking heat.

2,133,281

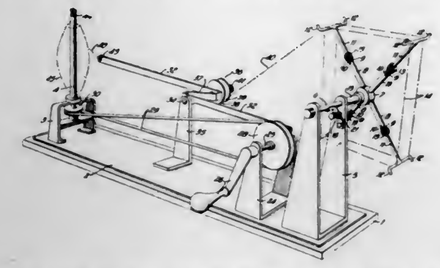
WINDING DEVICE

Kathryn M. Coburn, Albany, N. Y.

Application June 11, 1936, Serial No. 84,608
3 Claims. (Cl. 242—18)

1. In a device of the character described for rewinding a skein of yarn into a ball, the combination with a rotatable bobbin, of bobbin driving means including a rotatable shaft positioned in spaced relation to said bobbin, a traversing lever extending from a point adjacent said bobbin to a point adjacent said shaft, a pivotal mounting for said lever intermediate said shaft and

bobbin, and means on said driving shaft cooperat-



ing directly with the adjacent end of said lever for oscillating the same on its pivotal mounting.

2,133,282
PREPARATION OF ALKYLATED AROMATIC SULPHONIC ACIDS

Alton A. Cook, Glen Ridge, and Swanee V. Valjavec, Dumont, N. J., assignors to Arkansas Company, Inc., New York, N. Y., a corporation of New York

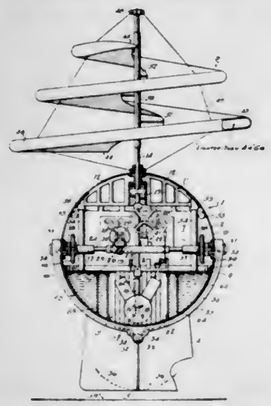
No Drawing. Application January 17, 1936, Serial No. 59,548
7 Claims. (Cl. 260—505)

1. A process of successively butylating and sulphonating aromatic compounds which comprises butylating the aromatic compounds with a butyl alcohol and with a sulphonating agent successively at decreasing temperatures, the butylation being carried out at a temperature of 90° to 130° C. and the sulphonation being carried out at a temperature of between 30° and 60° C.

2,133,283
AIRCRAFT

Alessandro Dandini, San Francisco, Calif.

Application December 18, 1936, Serial No. 116,544
8 Claims. (Cl. 244—87)

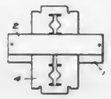


1. In an aircraft, a substantially spherical-shaped fuselage, a yoke supported on the fuselage for swinging movement about the poles of the sphere, an elevator fixed to the yoke, means for swinging the yoke to operate the elevator, a rudder mounted on the yoke and means extending along the yoke and through the poles of the sphere to actuate the rudder.

2,133,284
RAZOR BLADE SHARPENER

Norman L. Dootson, San Francisco, Calif., assignor of one-half to Charles W. Bassett, Antioch, Calif.

Application December 12, 1936, Serial No. 115,624
8 Claims. (Cl. 51—211)

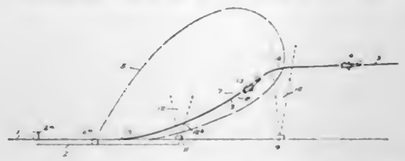


1. A sharpening device for double-edged flexible wafer-type razor blades comprising a pair of elongated members of lesser width than the length of a wafer-type blade and of greater length than its width, said members longitudinally curved complementarily to one another and arranged in confronting relation so that a blade extending transversely between the members will be deformed transversely of the blade and will project at both sides of the members for grasping at both ends with the fingers for pushing back and forth transversely of the elongated members.

2,133,285
RADIO SYSTEM FOR AUTOMATIC CONTROL OF AIRCRAFT, AS DURING LANDING

Francis W. Dunmore, Washington, D. C., assignor to the Government of the United States of America, as represented by the Secretary of Commerce

Application March 3, 1936, Serial No. 66,979
10 Claims. (Cl. 244—1)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a system for blind landing of aircraft employing a landing surface, a glide beam beacon providing a course in the vertical plane associated with said landing surface along which the field intensity set up by said glide beam beacon is constant, a runway localizer beacon providing a lateral course indication in the field of said glide beam beacon, and far and near marker beacons on said runway localizer course indication in line with the field radiated by said glide beam beacon, operating on the same radio frequency but with different modulation frequencies; said far marker beacon being at a distance from said landing area, and said near marker beacon being closely associated with said landing area; an aircraft having the usual engine, lateral controlling rudder means, elevator rudder means, and air-brake means, said aircraft having receiving means for said glide beam beacon radiation with manual sensitivity control, receiving means for said runway localizer beacon, and receiving means for said marker beacons with selectors for the two modulation frequencies, means associated with the lateral controlling means of said aircraft and actuated by said runway localizer beacon receiver output for maintaining said aircraft substantially on said runway course, elevator rudder control means actuable by the output of said glide beam receiving means operably associable with

the elevator rudder of said aircraft and operable to move the said rudder in a direction depending upon the direction of deviation of the aircraft from the glide course, such as to return it to the glide course, said elevator rudder control means including timing means normally limiting its moving of the rudder to a predetermined length of time within a given element of time, means actuated by said far marker modulation selector for initiating control of the elevator rudder of said aircraft by the output of said glide beam receiver, for giving a signal to the pilot, and for modifying control of said elevator rudder by said elevator rudder control means in a manner to accelerate movement of the rudder to a glide position, readable glide beam course indicating means controllable by said manual sensitivity control to select the constant intensity glide course to be followed, air speed responsive means associated with said aircraft and operable to maintain it at a substantially constant air speed at least during the major portion of glide, means actuated by said near marker modulation selector for putting the air brakes of said aircraft into operation, for setting said elevator rudder at a landing position, and for cutting the engine speed down, from that maintained during glide, to a predetermined number of revolutions per minute, means operable by the pilot to enable manual control of the aircraft to be assumed during the glide, and selectively operable means for initiating glide in response to an intensity of glide beam field corresponding to a predetermined sensitivity setting, whereby said aircraft may be caused to follow said glide and runway localizer beam courses substantially to said landing surface and assume a landing attitude, subject however, to the will of the pilot.

2,133,286
ACID CALCIUM TETRAPHOSPHATE AND METHOD OF MAKING THE SAME

Augustus H. Fiske, Warren, R. I., assignor to Rumford Chemical Works, Rumford, R. I., a corporation of Rhode Island

No Drawing. Application May 11, 1937, Serial No. 142,057
5 Claims. (Cl. 23—109)

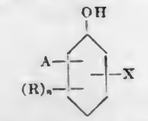
1. Acid calcium tetraphosphate having as an indicated formula $Ca_2H_2P_4O_{13}$.

2,133,287
ALKYL PHENOL COMPOUNDS

Lawrence H. Flett, Hamburg, N. Y., assignor to National Aniline & Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application September 25, 1935, Serial No. 42,156
17 Claims. (Cl. 260—512)

1. An alkyl phenol compound corresponding with the general formula



in which A represents a member of the group consisting of hydrogen and the methyl radical; R represents a branched-chain alkyl hydrocarbon radical containing at least 12 carbon atoms; *n* represents an integer not greater than 2; and X represents one of the group consisting of hydrogen, and the radical —SO_2OM, in which M represents one of the group consisting of hydrogen, a metal, an ammonium radical, and an organic ammonium radical; the radical represented by R having one of the formulas



and



in which R^1 represents an alkyl hydrocarbon radical containing at least 7 carbon atoms in a straight chain, R^2 and R^3 each represent an alkyl hydrocarbon radical, and R^4 represents an alkyl hydrocarbon radical containing at least 2 carbon atoms.

2,133,288
DYEING

Lawrence H. Flett, Hamburg, N. Y., assignor to National Aniline & Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application September 25, 1935, Serial No. 42,163
8 Claims. (Cl. 8—5)

1. A method of improving the leveling action of acid dyes on animal fibers, which comprises dyeing the fiber in an acid bath containing an alkyl phenol sulfonate having a single higher alkyl radical, said higher alkyl radical consisting of an alkyl hydrocarbon radical containing at least 12 carbon atoms.

2,133,289
ANODIC OXIDATION OF FERRO-PHOSPHORUS

Lewis H. D. Fraser, Sheffield, Ala.

No Drawing. Original application October 15, 1936, Serial No. 105,810. Divided and this application January 7, 1938, Serial No. 183,794
4 Claims. (Cl. 204—9)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. Process of making acid iron phosphate from ferro-phosphorus, which comprises, making ferro-phosphorus an anode in an electrolyte consisting of an aqueous solution of phosphoric acid, containing 5 to 75% H_3PO_4; making a conductor, chemically inert as a cathode, a cathode; and passing a direct current, at an anode current density of 5 to 50 amperes per square foot, between the anode and the cathode to produce a solution of the acid iron phosphate.

2,133,290
ANODIC OXIDATION OF FERRO-PHOSPHORUS

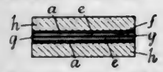
Lewis H. D. Fraser, Sheffield, Ala.

No Drawing. Original application October 15, 1936, Serial No. 105,810. Divided and this application January 7, 1938, Serial No. 183,795
3 Claims. (Cl. 204—9)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. Process of making iron oxide and sodium phosphate from ferro-phosphorus, which comprises, making ferro-phosphorus an anode in an electrolyte consisting of an aqueous solution of sodium hydroxide, containing from 10% NaOH by weight to a saturated solution; making a conductor, chemically inert as a cathode, a cathode; passing a direct current, at an anode current density of 5 to 50 amperes per square foot, between the anode and the cathode to produce a

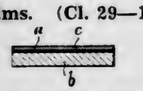
solution of the sodium phosphate and the insoluble iron oxide; and separating the insoluble iron oxide from the solution containing the sodium phosphate.

2,133,291
MANUFACTURE OF COMPOUND METAL BODIES
Frederick Felix Gordon, Sheffield, England
Application August 16, 1934, Serial No. 740,184
In Great Britain April 12, 1934
9 Claims. (Cl. 29—189)



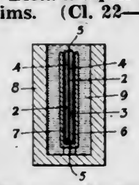
1. A process for the manufacture of a compound metal body capable of being subsequently worked, which consists in interposing throughout the interfaces of a plurality of metal bodies to be united, a metallic bonding material having a lower melting point than that of said bodies and comprising only manganese and an element selected from the group consisting of nickel, cobalt, chromium and iron, and heating the assembly substantially uniformly throughout to a temperature which is sufficient to cause the bonding material to effect a satisfactory bonding of the bodies but is below the melting points of the bodies.

2,133,292
COMPOUND METAL BODIES
Frederick Felix Gordon, Sheffield, England
Original application August 16, 1934, Serial No. 740,184. Divided and this application April 19, 1937, Serial No. 137,781. In Great Britain April 12, 1934
8 Claims. (Cl. 29—181)



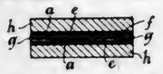
1. A compound metal body consisting of metal structures integrally united substantially throughout their interfaces by a metallic bonding material comprising only manganese and an element selected from the group consisting of cobalt, nickel, chromium and iron, said compound metal body as a whole being capable of heat treatment and mechanical treatment.

2,133,293
MANUFACTURE OF COMPOUND METAL BODIES
Frederick Felix Gordon, Sheffield, England
Application May 26, 1937, Serial No. 144,904
In Great Britain April 12, 1934
7 Claims. (Cl. 22—206)



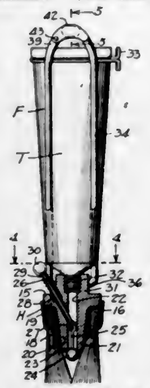
1. Process for the manufacture of a compound metal body adapted to be subsequently worked which consists in placing a separating material between the juxtaposed faces of two bodies, applying to each of the remote surfaces of the bodies a further metal body, interposing at the interfaces of the initial bodies and the further bodies a metallic bonding material having a lower melting point than that of said bodies and effecting a bond between the initial bodies and the further bodies by enveloping the resultant assembly with molten metal and to autogenously weld said molten metal to said assembly.

2,133,294
MANUFACTURE OF COMPOUND METAL BODIES
Frederick Felix Gordon, Sheffield, England
Original application August 16, 1934, Serial No. 740,184. Divided and this application February 26, 1938, Serial No. 192,769. In Great Britain April 12, 1934
9 Claims. (Cl. 29—189)



1. A process for the manufacture of a compound metal body capable of being subsequently worked, which consists in interposing throughout the interfaces of a plurality of metal bodies to be united, a metallic bonding material consisting substantially entirely of manganese and heating the assembly substantially uniformly throughout to a temperature which is sufficient to cause the bonding material to effect a satisfactory bonding of the bodies but is below the melting points of the bodies.

2,133,295
FOUNTAIN BRUSH AND TUBE HOLDER
Ernest L. Hollenbeck, Los Angeles, Calif.
Application March 2, 1936, Serial No. 66,580
6 Claims. (Cl. 221—60)



1. In a holder of the character described; a head; a frame having two parts pivoted on the head to open and close; and a latch on the frame for securing the two parts in closed position, comprising a pin on and extending transversely of one of the frame parts extending transversely into the other frame part, and a keeper pivoted on one frame part to secure said pin within the said other frame part.

2,133,296
TIE SUPPORT
Felix Holzknecht, Vancouver, British Columbia, Canada, assignor of five percent to John Morisi, Washington, D. C.
Application October 9, 1937, Serial No. 168,269
4 Claims. (Cl. 2—153)

1. A tie support comprising a body having lateral extensions and a U-shaped stem for support of a tie, said stem having a threaded aperture, a guide positioned in the stem and having an aperture in registry with the aperture of the stem,

a screw engaged in the aligned apertures for retention of the guide, a slide in the guide longi-

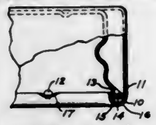


tudinally adjustable, and said slide having means for securement to a collar button.

2,133,297
ANTIOXIDANTS
Paul C. Jones, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
No Drawing. Application May 27, 1936, Serial No. 82,066
19 Claims. (Cl. 18—50)

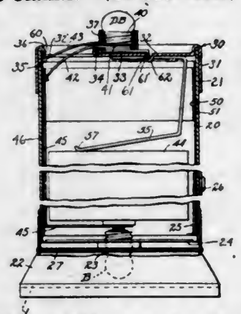
1. The method of retarding the deterioration of rubber which comprises treating rubber with a mono-(monovalent aliphatic hydrocarbon) ether of a compound of the homologous series of which hydroquinone is the first member.

2,133,298
CLOSURE AND METHOD OF MAKING CLOSURES
Walter F. Kaufman, Lancaster, Pa., assignor to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania
Application July 14, 1936, Serial No. 90,479
19 Claims. (Cl. 113—121)



1. A closure comprising an inner cap having a downwardly extending skirt, a flange on the skirt, a plurality of preformed pips of generally conical or pyramidal shape on the flange terminating in points disposed inwardly of the flange, an outer shell having a downwardly extending skirt covering the skirt of the inner cap and a bead formed on the skirt of the outer shell engaging said preformed pips and deformed thereabout with the points of the pips piercing the metal of the outer shell.

2,133,299
ELECTRIC LAMP
William W. Lillard, Afton, Okla.
Application May 2, 1935, Serial No. 19,347
15 Claims. (Cl. 240—10.6)



1. In an electric flashlight, a tubular casing, a rear cap, a battery, a tubular terminal member for said battery disposed adjacent said cap in close relation to the inner surface of said casing and insulated therefrom, an electric lamp bulb supported by said cap and movable from an interior position relative to said casing to an illuminating position outside said casing, and devices necessarily operable upon movement of said bulb to its illuminating position for connecting said bulb with the interior surface of said tubular terminal.

2,133,300
COMPOSITIONS OF MATTER
Charles E. Linebarger and Charles E. Linebarger, Jr., Chicago, Ill., assignors to The Chaslyn Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application August 14, 1935, Serial No. 36,214
8 Claims. (Cl. 87—19)

1. A composition of matter comprising 20 to 80 parts of hydrogenated castor oil, dissolved in 80 to 20 parts of melted chlorinated naphthalene.

2,133,301
INSULATING COMPOSITIONS
Herbert E. Martin, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application February 17, 1937, Serial No. 126,253
2 Claims. (Cl. 91—68)

1. Process for the production of insulated wire, which comprises covering the said wire with a composition comprising cellulose acetate having an acetyl value between 60 and 64%, determined as acetic acid, said cellulose acetate being formed by treating an acetone soluble cellulose acetate of lower acetyl value with acetic anhydride in the presence of an acetylizing catalyst selected from the group consisting of zinc chloride, a mixture of zinc chloride and hydrochloric acid, sulphuric acid and perchloric acid.

2,133,302
ARCH SUPPORT, LOCATOR, AND RETAINER
Lewis M. McCormick, Palo Alto, Calif.
Application May 7, 1935, Serial No. 20,215
8 Claims. (Cl. 36—71)

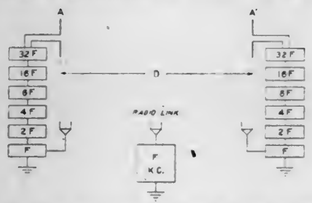


1. In a device of the character described, the combination comprising a metatarsal arch supporting pad and a measuring and locating means attached to the pad so as to extend rearwardly therefrom in an acute angle relationship with the longitudinal axis of said pad, said means being adapted to be easily detached at any point.

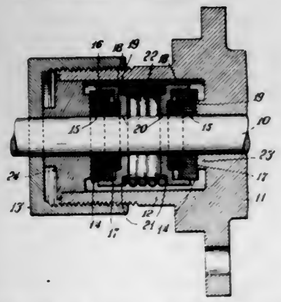
2,133,303
SYSTEM FOR LOCATING THE POSITION OF MOVABLE OBJECTS
Carlos B. Mirick, Washington, D. C.
Application November 15, 1935, Serial No. 49,952
1 Claim. (Cl. 250—11)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

In a navigation system, means for establishing three dimensional radiant energy interference

patterns in space for orienting a mobile receiver, comprising a pair of doublet antennae disposed in positions on opposite sides of a homing space within a navigable area with the axes of the doublets extending parallel to each other for establishing over said navigable area a plurality of spaced three dimensional hyperboloidal zones of radiant energy, means individual to each of said doublet antennae for impressing high frequency energy thereon, a high frequency oscillator, an antenna system located intermediate said doublet antennae and connected with said oscillator, and separate receiving antennae connected with each of said first mentioned means, for controlling the radiation of energy from each of said doublet antennae in accordance with the radiation of energy from the antenna system connected with said oscillator.



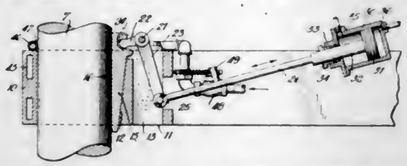
2,133,304
PACKING FOR ROTARY SHAFTS
Frederick Y. Nichols, Chicago, Ill.
Application October 18, 1935, Serial No. 45,602
3 Claims. (Cl. 286—7)



1. In packing of the character described, a packing disc composed of impregnated fabric wound upon itself so as to extend from side to side of the disc with the edges of the fabric constituting the two side faces of the disc, the disc being vulcanized into a hard mass and centrally apertured to receive a shaft and one side face of the disc being provided with a washer receiving recess concentric with the shaft receiving aperture; and a rubber ring snugly seated in said recess and extending beyond the recessed face of the disc.

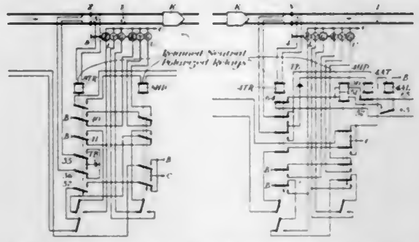
2,133,305
CLAMP FOR ELECTRIC ARC FURNACE ELECTRODES
William Harvey Payne, La Grange, Ill.
Application September 3, 1936, Serial No. 99,227
5 Claims. (Cl. 13—16)

1. In a clamp for furnace electrodes, the combination of a clamping collar adapted for fitting around an electrode, the collar having a lateral extension providing a longitudinal cam-way, a wedge extending between the electrode and the cam-way adapted when moved longitudinally of the collar to exert a variable clamping pressure against the electrode, an operating means for the wedge including a bell crank mechanism con-



nected therewith, and a pressure operated double acting piston connected with the bell crank and positioned remote therefrom, and arranged to exert a lesser force in the wedge setting direction and a greater force in the wedge releasing direction.

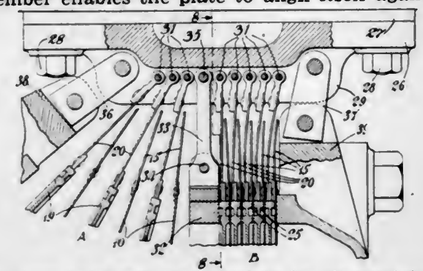
2,133,306
RAILWAY SIGNALING
George R. Pflasterer, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application August 21, 1937, Serial No. 160,296
17 Claims. (Cl. 246—46)



1. In combination, a section of railway track, a polarized track relay receiving current from the rails of said section, a pair of line conductors for said section, a line relay receiving current from said pair of line conductors, means for reversibly supplying current to the rails of said section in accordance with traffic conditions in advance of the section, means for selectively supplying current to the pair of line conductors in accordance with other traffic conditions in advance of said section, a signal for said section capable of displaying a stop and three successively less restrictive proceed indications, means governed by said track relay for controlling the stop indication irrespective of the condition of said line relay, means governed by said track relay and effective when said line relay is deenergized to control the two most restrictive proceed indications, and means governed by said line relay and effective when said track relay is energized in a particular direction to control the least restrictive proceed indication.

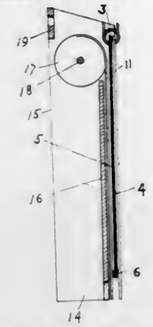
2,133,307
HINGE
Edwin Prestage, London, England
Application April 1, 1937, Serial No. 134,199
In Great Britain April 2, 1936
12 Claims. (Cl. 257—245)

1. In a laminated heat interchange unit having a plurality of plates pivoted one relative to another, a hinge mounting comprising a fixed support, a pivot carried thereby, and a thin flexible member connecting one of the plates with the pivot whereby the resilience of the flexible member enables the plate to align itself against



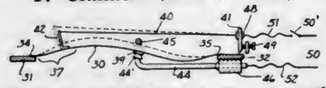
the next adjacent plate and to be clamped into firm uniform marginal contact therewith.

2,133,308
MEMOGRAPH TARGET
Robert Edwin Reardon, Camden, N. J.
Application August 5, 1937, Serial No. 157,501
8 Claims. (Cl. 273—102.1)



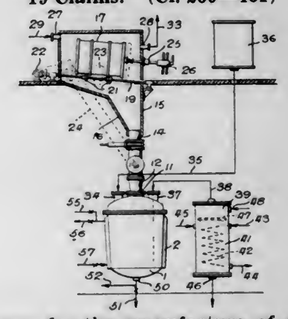
1. In a target for non-piercing projectiles, a permanent front target sheet and a replaceable duplicate back target sheet and intermediate sheet means for simultaneously marking by missile impact the front target and the duplicate target, and means for removing the marking from said front target by separating the front and intermediate sheets.

2,133,309
CIRCUIT CONTROLLING MECHANISM
Joseph Schmidinger, New York, N. Y.
Application January 12, 1937, Serial No. 120,230
17 Claims. (Cl. 200—113)



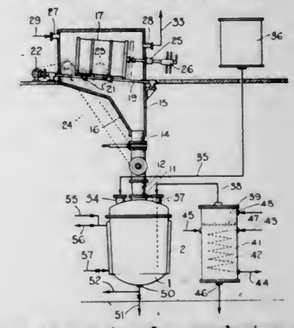
1. In a device of the character described, the combination comprising a constrained member of spring material operative to different positions of equilibrium and rigidly fixed at both ends and constrained to cause it to tend to assume one of said positions, a limiting stop which the member engages when free, said constrained member having a portion intermediate its ends of weaker construction than the portion adjacent one end, the latter portion being adapted to be flexed in opposition to the inherent constraint of the member to cause the same to become disengaged from the stop and to assume a second position of equilibrium, thermo-responsive means connected with the said second named portion of the said constrained member and adapted under certain conditions to flex the same and cause it to assume the last named position of equilibrium, and means for altering the temperature of the said thermo-responsive means.

2,133,310
PROCESS FOR PRODUCING ARYL PHOSPHATES
Royal L. Shuman, Newark, N. J., assignor to Celluloid Corporation, a corporation of New Jersey
Application November 20, 1935, Serial No. 50,714
19 Claims. (Cl. 260—461)



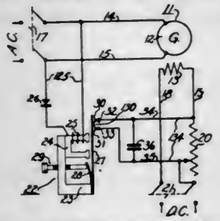
1. Process for the manufacture of an organic phosphate or thiophosphate, which comprises subjecting phosphorus pentachloride, a hydroxy carbocyclic compound containing a hydroxy group attached to the nucleus and a substance selected from the group consisting of water and hydrogen sulphide to reaction in a single operation.

2,133,311
APPARATUS FOR THE PRODUCTION OF ARYL PHOSPHATES
Royal L. Shuman, Newark, N. J., assignor to Celluloid Corporation, a corporation of New Jersey
Original application November 20, 1935, Serial No. 50,714. Divided and this application June 18, 1936, Serial No. 85,952
2 Claims. (Cl. 23—284)



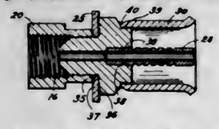
1. In an apparatus for producing aryl phosphates, the combination with a reaction chamber, of a substantially air-tight hopper connected to said reaction chamber, means in said hopper for supporting a drum containing a reactant, said drum supporting means being adapted to rotate said drum to slowly discharge the reactant from said drum, means attached to said hopper and adapted to be operated externally thereof for opening and closing said drum and means between said drum and said reaction chamber for feeding a predetermined quantity of the reactant to said reaction chamber.

2,133,312
VOLTAGE REGULATOR
Edwin W. Swanson, Hopkins, Minn., assignor to Electric Machinery Manufacturing Company, Minneapolis, Minn.
Application May 25, 1936, Serial No. 81,705
14 Claims. (Cl. 171—229)



1. A voltage regulator comprising a relay including a core, a winding thereon, and a vibratory armature, an alternating-current control circuit energized by the voltage to be regulated, said winding being connected in said control circuit, a rectifier in said control circuit for supplying intermittent fractional wave current pulses to said winding, said armature being capable of movement in conformity with said current pulses, adjustable means for controlling initiation of movement of said armature, and means operated by said armature for regulating the voltage.

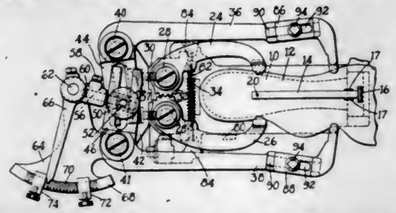
2,133,313
HOSE COUPLING AND METHOD OF MAKING SAME
Albert J. Weatherhead, Jr., Cleveland, Ohio, assignor to The Weatherhead Company, Cleveland, Ohio, a corporation of Ohio
Application December 9, 1935, Serial No. 53,471
5 Claims. (Cl. 29—157)



1. A hose coupling comprising a body portion having a hexagonal outer surface, a central passageway terminating in a conical seat portion, a cylindrical surface adjacent said hexagonal surface portion, another cylindrical surface of reduced diameter adjacent said conical seat portion, a deformable sleeve engaging said first named outer cylindrical surface, a washer surrounding said cylindrical surface of reduced diameter and disposed adjacent said hexagonal surface, a hollow threaded member surrounding said conical seat portion and engaging said cylindrical surface of reduced diameter, and a tubular nipple having an end disposed within the said central passageway and extending outwardly within said sleeve, said body portion, sleeve, washer, hollow member and nipple all being permanently joined together throughout substantially their entire contacting areas by an alloy bond.

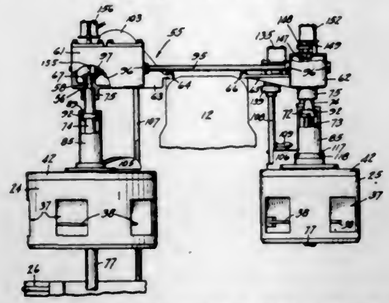
2,133,314
APPARATUS FOR ASSEMBLING SHOE PARTS
John M. Whelton, Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application March 26, 1937, Serial No. 133,229
9 Claims. (Cl. 12—17)

1. In apparatus for use in assembling shoe parts, a support for a shoe part, means for locating the shoe part relatively to said support, said means comprising two gage members, said gage members being located at opposite sides of said shoe part and being movable toward each other to engage said part, and connecting means between



said gage members constructed and arranged to constrain said members to move toward each other simultaneously, said connecting means comprising a single member connected to both gage members and adjustable to vary the ratio of the movements of said gage members.

2,133,315
CAN CLOSING MACHINE
Archibold N. York, Geneva, N. Y., assignor to American Can Company, New York, N. Y., a corporation of New York
Application September 11, 1936, Serial No. 100,394
14 Claims. (Cl. 113—82)

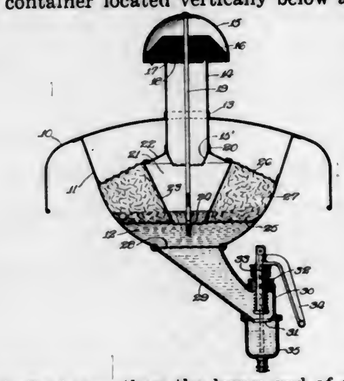


1. In a vacuum machine for cans, the combination of a housing enclosing a vacuum chamber and having openings for the passage of cans therethrough, valve seats connected with said housing adjacent said openings, valves floatingly disposed in and upwardly from said seats for normally conveying cans into and out of said vacuum chamber, rotatable elevator screws anchored in said housing as a permanent part thereof and rotatably connected with said valves for moving the latter vertically relative to their seats for lubrication and cleaning, and driving elements for rotating said elevator screws in one direction to lift said valves out of their seats and in the opposite direction to return them again to fully stated position.

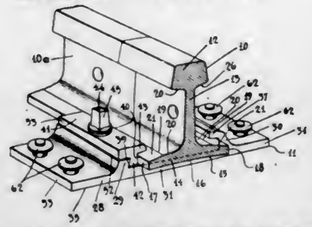
2,133,316
AIR CLEANER
Herman E. Altgelt, South Bend, Ind., assignor to Oliver Farm Equipment Company, a corporation of Delaware
Application March 18, 1935, Serial No. 11,571
7 Claims. (Cl. 183—24)

1. An air cleaner comprising a bowl-like container, said container adapted to hold a liquid, an air inlet conduit extending into said container having one end thereof submerged in said liquid,

and a dirt receiving conduit communicating with said container located vertically below and substantially larger than the lower end of said inlet conduit.



2,133,317
TRACK CONSTRUCTION
Georg B. Anthonisen, Minneapolis, Minn.
Application July 13, 1935, Serial No. 31,228
22 Claims. (Cl. 238—334)



15. A tie plate for application to the base of a rail comprising a body portion on which the rail rests, abutments extending upwardly therefrom and between which the base of the rail is disposed, one of said abutments being spaced from the juxtaposed edge of the rail base and being constructed with an inclined face to form a dovetailed groove therebetween, a key having a dovetailed tongue adapted to be inserted into said groove, and means urging said key upwardly and against said inclined face to force the key toward the rail base.

18. In combination, a support for a member having lateral surfaces, said support having a surface, abutments extending outwardly from said surface of the support, said member being disposed between said abutments with its lateral surfaces facing said abutments, one of said abutments being spaced from the corresponding lateral surface of the member and being constructed with an inclined face to form a dovetailed groove therebetween, a key having a dovetailed tongue adapted to be inserted into said groove, said key approaching said last referred to surface of the member upon movement away from the surface of the support, and means acting between the support and key for urging the key away from the surface of the support.

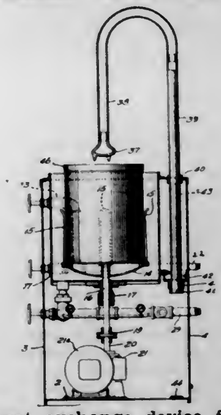
2,133,318
SANITARY DRINKING PROTECTOR
Vincent Arato and Antonio Gallucci, Peekskill, N. Y.
Application June 10, 1937, Serial No. 147,443
1 Claim. (Cl. 65—13)

A lip protector for drinking glasses comprising an arcuate strip of stiff, nonabsorptive material shaped to closely engage the exterior of a glass at its upper portion and to extend thereabove over a portion of its circumference, integral tab extensions at each end of said strip level with



the rim of the glass, resilient clamp members folded to extend over the rim of the glass and contact its interior adjacently thereto, and tubular rivets uniting said clamp members to said extending tabs.

2,133,319
HEAT EXCHANGER
Howard C. Davis, Elizabeth, N. J.
Application July 1, 1937, Serial No. 151,383
9 Claims. (Cl. 126—343.5)

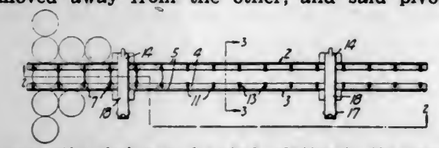


3. In a heat exchange device for thawing a frozen substance, the combination comprising a container for a liquid, a rotatably mounted container support within the liquid container for supporting a container having the frozen substance therein, means for maintaining a liquid in the liquid container at a substantially uniform temperature, means for rotating the container support, means for restraining movement of the frozen mass with the container and for maintaining the solid frozen substance in contact with the bottom of the container, and means for restraining movement of the liquid with the container support.

2,133,320
HOLDER FOR CANS AND THE LIKE
Clifford C. Dawson, Oakland, Calif., assignor to Dawson Manufacturing Company, Oakland, Calif., a copartnership composed of H. C. Clayburgh, G. Carnochan, A. M. Mlejnek, and C. C. Dawson
Application March 23, 1936, Serial No. 70,252
3 Claims. (Cl. 294—87)

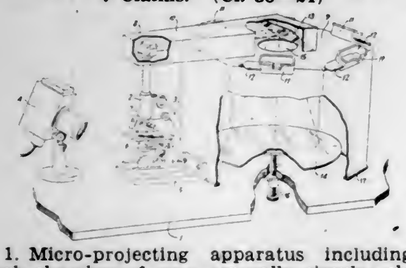
1. In a device for lifting a row of cans in substantially contactual side by side relation, a pair of parallel bars having on each of them a plurality of can-engaging portions in opposed relation to the portions on the other member, handles fixed to the members and extending reversely and alongside of each other transversely over the

space between the members, said handles being pivotally connected together whereby on swinging same apart one of said members will be moved away from the other, and said pivotal



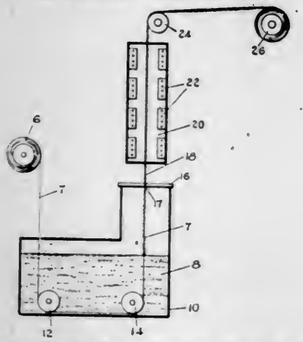
connection being so located relative to the members as to lie transversely outwardly of the space between the members when the cans are operatively held between said portions.

2,133,321
MICROPROJECTING APPARATUS
Joseph C. Ehrlich, New York, N. Y.
Application January 30, 1937, Serial No. 123,095
7 Claims. (Cl. 88—24)



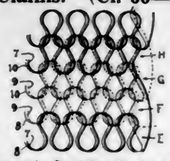
1. Micro-projecting apparatus including a dark chamber of very generally circular shape, an arm communicating with the interior of said chamber and adapted to form a passageway for the light rays from a microscope to the exclusion of all other light, a mirror in said arm arranged to receive the rays of light from said microscope and to project the rays downward through an aperture in said chamber to form an image on a horizontal surface, said chamber having a plurality of individual view openings equally spaced from said image.

2,133,322
MANUFACTURE OF THREADS FROM SOLUTIONS OF MATERIALS
Martin Eli Cupery, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application November 27, 1936, Serial No. 112,943
15 Claims. (Cl. 91—68)



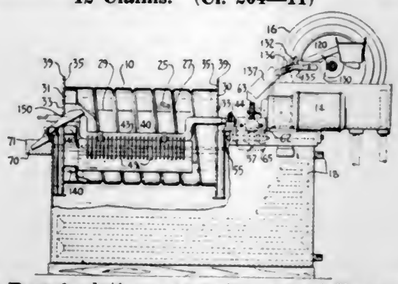
1. The method of producing threads having a plurality of spaced, enlarged portions along the length thereof which comprises applying a cellulose derivative coating composition to a preformed regenerated cellulose thread under conditions of correlated coating viscosity and thread speed that said coating will re-form to produce spaced nodules along said thread, and drying said cellulose derivative coating.

2,133,323
KNITTED FABRIC AND METHOD OF KNITTING THE SAME
Albert Friedmann, Wyomissing, Pa., assignor to Louis Hirsch Textile Machines, Inc., New York, N. Y., a corporation of New York
Application April 9, 1935, Serial No. 15,371
6 Claims. (Cl. 66—178)



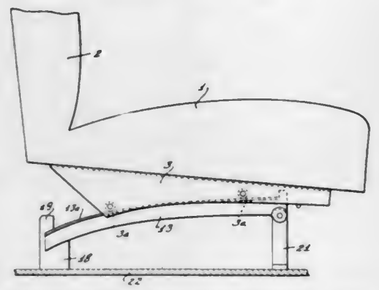
1. A translucent knitted hosiery fabric of a weight in which horizontal rings or bands can ordinarily be observed, each course of said fabric being knit throughout, exclusive of reenforcement, of two separate yarns of similar character, one yarn of each course being the same as one yarn of the immediately preceding course and distinct from both yarns of the immediately succeeding course, the other yarn being the same as one yarn of the immediately succeeding course and distinct from both yarns of the immediately preceding course whereby any inequalities in one yarn are substantially equalized and diffused by the inequalities in the other yarn of the same course.

2,133,324
BARREL PLATING APPARATUS
John M. Hosdowich, Waterbury, Conn., assignor to United Chromium, Incorporated, New York, N. Y., a corporation of Delaware
Application June 24, 1935, Serial No. 28,064
12 Claims. (Cl. 204—11)



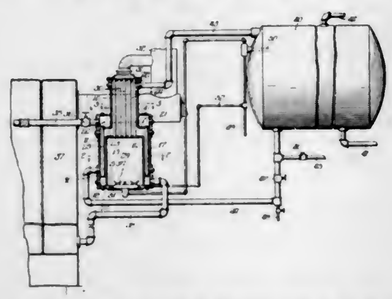
1. Barrel plating apparatus, especially applicable for chromium plating from the chromic acid type of plating solution, comprising a tank for containing the plating solution at a predetermined solution level therein, a rotatable metallic barrel with which articles therein make electrical contact, having end-pieces with large central openings through which objects may extend eccentrically into the barrel without meeting obstruction when the barrel is rotated, an anode within and extending longitudinally of said barrel, means comprising shafts and bearings for supporting said barrel at each side at or adjacent the sides of its horizontal axial plane, said horizontal axial plane being adjacent but above the solution level of the tank so that a large segment of the barrel may be immersed and said bearings are above said solution level.

2,133,325
ADJUSTABLE VEHICLE SEAT
Rex C. Jacobs, Detroit, Mich.
Application December 30, 1935, Serial No. 56,603
2 Claims. (Cl. 155—14)



2. In combination, a pair of sheet metal guide members having opposed lateral flanges extending throughout the length thereof, the top surfaces of said flanges constituting bearing surfaces, a pair of sheet metal slides adapted to be attached to a seat, said slides each being of channel section having two substantially parallel walls, rollers rotatably journalled between respective pairs of walls and having rolling contact with the bearing surfaces of respective guides, and inwardly directed flanges on said walls extending beneath the flanges on respective guides to maintain said rollers on respective guides to maintain said rollers in rolling contact with said bearing surfaces, the flanges on said guides being formed to provide curved bearing surfaces whereby the rollers in traversing the same cause tilting of said slides, and the flanges on said slides being relatively short as compared to the length of the slides and being disposed adjacent the rollers.

2,133,326
COMBINED DOMESTIC WATER HEATER
Adolph T. Johanson, Chicago, Ill., assignor of one-third to Neil Anderson and one-third to Harlow R. Eldred, both of Chicago, Ill.
Application October 29, 1937, Serial No. 171,745
2 Claims. (Cl. 122—32)

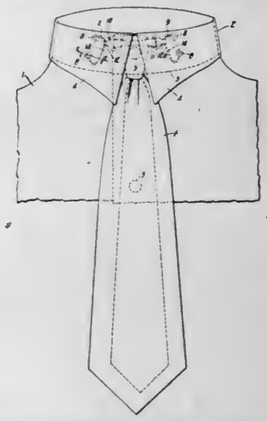


1. In a duplex domestic water-heater, the combination of a primary-heater having a first conduit-means for the circulation of hot-water from the boiler therethrough and a second conduit-means for the circulation of the domestic water to be heated therethrough and in heat-exchange relation with said hot-water from the boiler in said first conduit-means, and a secondary-heater including (*a*) a combustion-chamber in heat-exchange relation with the domestic water in said primary-heater, (*b*) a fuel-burner in said combustion-chamber, (*c*) a heating-chamber connected to said primary-heater and through which chamber the domestic water from said primary-heater flows, and (*d*) tubes through said heating-chamber and surrounded by the domestic-water therein and through which tubes the products of combustion from said burner are discharged from said combustion-chamber, said second conduit-means forming a domestic-water jacket around said combustion-chamber, and said first conduit-means being composed of a group of tubes extended downwardly through said jacket and surrounded by the domestic-water in the jacket.

2,133,327
PROCESS FOR REFINING LEAD WHICH CONTAINS BISMUTH
Leon Eugene Jollivet, Marseille L'Estaque, France, assignor to Société Minière et Métallurgique de Penarroya, Paris, France, a corporation of France
No Drawing. Application November 30, 1937, Serial No. 177,301. In France January 11, 1937
7 Claims. (Cl. 75—63)

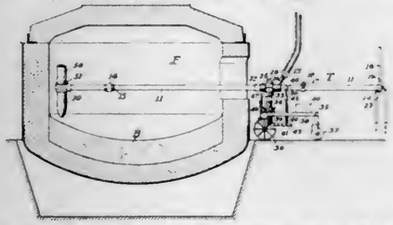
1. Process for refining lead which contains bismuth, consisting in adding to the lead in the molten state magnesium and potassium, cooling the metallic bath to the neighbourhood of its solidification point and then separating therefrom the floating crust in which the bismuth has collected.

2,133,328
TIE MOUNTING
Charles Harry Klages, Brooklyn, N. Y.
Application January 22, 1938, Serial No. 186,265
6 Claims. (Cl. 2—137)



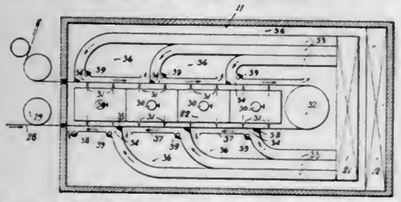
1. A tie mounting means for mounting a necktie on a collar comprising, in combination, a contractible tie carrier, anchoring means adapted for securement to the collar and comprising an upwardly converging guide portion and means for connecting the tie carrier under tension with said inclined guide portion, so that the tension of the tie carrier urges the connecting means to move bodily upward along the guide portion.

2,133,329
METHOD FOR HEAT TREATING FURNACE LININGS
William E. Moore, Pittsburgh, Pa., and William B. Wallis, New York, N. Y., assignors to Pittsburgh Research Corporation, Pittsburgh, Pa., a corporation of Delaware
Application September 1, 1936, Serial No. 98,918
2 Claims. (Cl. 13—35)



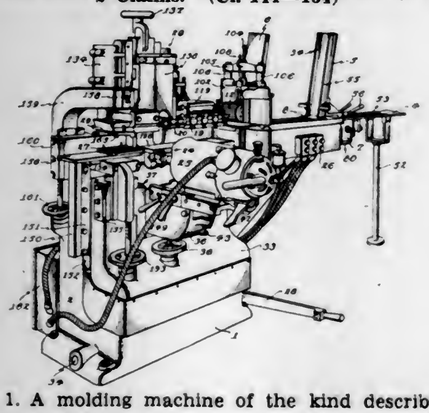
1. The process of heat treating the refractory lining of a furnace or like structure, which consists in subjecting a limited area of said lining to the action of a mobile electric arc blown against it and thereafter subjecting other areas of the lining to the action of the electric arc until the desired area of the lining has been treated.

2,133,330
WEB DRYING METHOD AND APPARATUS
Bernard Offen, Chicago, Ill.
Application July 29, 1936, Serial No. 93,157
3 Claims. (Cl. 34—24)



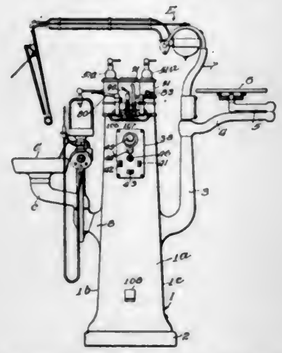
3. A method of drying a printed surface which consists in contacting the surface with steam and then passing air in contact with the surface.

2,133,331
MOLDING MACHINE
Oscar Onsrud, Chicago, Ill., assignor to Onsrud Machine Works, Inc., Chicago, Ill., a corporation of Illinois
Application January 2, 1936, Serial No. 57,242
2 Claims. (Cl. 144—134)



1. A molding machine of the kind described comprising a frame, a guideway therein, means to feed stock to be operated upon along said guideway, cutters oppositely mounted adjacent said guideway one before the other to operate on opposite sides of the stock as it passes said cutters, means to vary and adjust convergence of said cutters relative to the path of the stock, and setting means for tilting the cutters respectively to adjust positioning of the cutting edges relative to the work and to compensate for cutting edge wear, said cutters having supports tiltably mounted on horizontal axes transverse of the cutter, axes toward the inner ends, and said supports having upwardly operating screw means to raise the supports toward their outer ends and so adjust the cutter tilt.

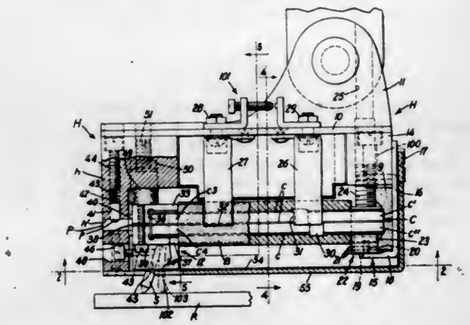
2,133,332
DENTAL UNIT
Oscar H. Pieper, Rochester, N. Y.
Application February 11, 1935, Serial No. 5,947
10 Claims. (Cl. 32—22)



4. In a dental unit, a hollow column of approximately rectangular cross-section, a channel member integral with the front wall of the column centrally thereof and opening rearward therefrom, said member extending the major portion of the length of said front wall, the back wall of the column having an opening extending the major portion of the length and aligned with said channel member, a plate removably mounted on the channel member and closing the back thereof, electrical apparatuses mounted on said plate, said front wall having an opening therein above said channel member, a panel on said front wall over said opening, and electrical apparatuses mounted on said panel and connected to the apparatuses mounted on said plate, the major portion of the wiring for said apparatuses being disposed within said channel member.

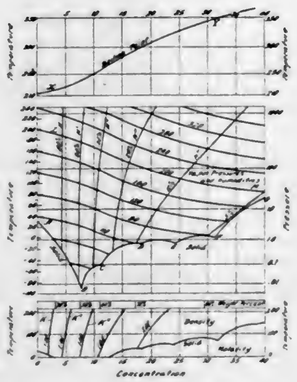
8. In a dental unit, a hollow column, a supporting block mounted on the column adjacent the upper end thereof, tubes depending from said block within said column, electrical instruments normally seating in said block and extending into said tubes and removable therefrom, and individual switches carried by said tubes for controlling the circuits of said instruments, each comprising a switch arm yieldingly urged toward one of said tubes into circuit closing position, each tube having an opening through its wall and each switch arm having an element disposed to project through said opening into the associated tube in the closed circuit position of said arm, the switch arm being moved into open circuit position by contact of an instrument with said element upon insertion of the instrument into its associated tube.

2,133,333
SOUND RECORDING AND REPRODUCING MECHANISM
Barton A. Proctor, Larchmont, N. Y., assignor to B. A. Proctor Company, Inc., New York, N. Y., a corporation of New York
Application March 26, 1936, Serial No. 70,962
21 Claims. (Cl. 179—100.41)



19. In a piezo-electric apparatus, in combination, a piezo-electric crystal unit adapted in operation to flex torsionally, means supporting one end of the unit in fixed position, a spindle connected with the crystal unit at the opposite end thereof, and means rotatably supporting the spindle in line with the torsional axis of the unit.

2,133,334
STABILIZED ABSORBENT SOLUTION FOR DEHYDRATING AIR
Walter Rosett, Washington, D. C., assignor, by mesne assignments, to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
Application October 20, 1934, Serial No. 749,315
1 Claim. (Cl. 23—4)

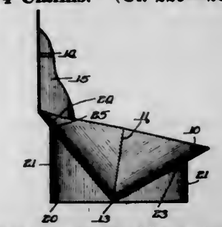


A method of adjusting the humidity of air that comprises treating an aqueous solution of zinc chloride with as much zinc oxide as can be used without causing subsequent precipitation of zinc compounds, together with ammonium chloride for inhibiting precipitation, bringing the solution into intimate contact with the air to be treated, and readjusting the concentration of the solution to compensate for the transfer of moisture between the air and the solution.

2,133,335
COATING AND ADHESIVE COMPOSITION AND PROCESS OF MAKING THE SAME
William Courtney Wilson and Charles Elliott Fawkes, Chicago, Ill., assignors to Pyroxylin Products Incorporated, Chicago, Ill., a corporation of Illinois
No Drawing. Application December 5, 1934, Serial No. 756,084
8 Claims. (Cl. 134—26)

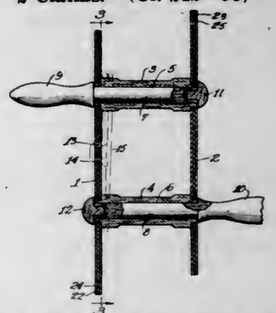
1. The process of mixing a urea and formaldehyde in proportions to react, combining substantially all of the formaldehyde with the urea in an aqueous alkaline medium to form a water soluble reaction product, and dissolving a protein in said aqueous alkaline solution.

2,133,336
FOLDING DISPLAY HOLDER
Henry Ziemmerman, Chicago, Ill., assignor to Chicago Cardboard Company, Chicago, Ill., a corporation of Illinois
Application November 20, 1933, Serial No. 698,756
4 Claims. (Cl. 229—23)



1. A foldable display holder comprising a container formed of triangular sections hinged together and having a common meeting point at the bottom of the container, and a rim or supporting collar therefor having the same number of connected sections, the lower edge of the collar and common meeting point at the bottom of the side walls of the container being on the same horizontal plane forming a supported open container or hopper of great strength.

2,133,337
CLOTHESLINE REEL
Joseph Zvanut, Aurora, Ill.
Application June 12, 1937, Serial No. 147,802
2 Claims. (Cl. 242—96)



1. A clothesline reel comprising a pair of side frame members, a pair of hollow bars fixed to and between said frame members in spaced relation to separate said members, a pair of hand spindles having long cylindrical pivot shanks adapted for insertion one in each of said bars, the ends of each of said shanks opposite the handle portion having an aperture, headed plug means

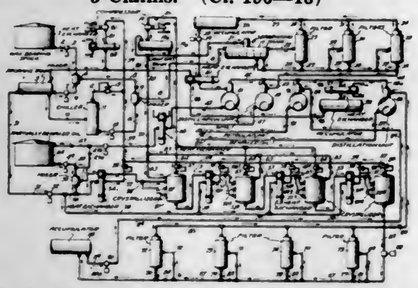
adapted to be inserted in said shank apertures for securing said spindles rotatably in said bars, the handles on said spindles being disposed to project from opposite sides of said reel respectively, and means for securing one end of a clothesline to one of said frame members for winding on said reel.

2,133,338

PROCESS OF DEWAXING HYDROCARBON OILS

Paul D. Barton, Scarsdale, N. Y., assignor, by mesne assignments, to Sun Oil Company, Philadelphia, Pa., a corporation of New Jersey

Application January 22, 1934, Serial No. 707,637
5 Claims. (Cl. 196—18)



2. A process for dewaxing hydrocarbon oils comprising diluting the oil with a hydrocarbon solvent, further diluting the oil-solvent solution with a chilled hydrocarbon solvent to secure crystallization of a portion of the contained wax, separating the wax from a selected portion of the oil, denuding the partially dewaxed oil of the hydrocarbon solvent, diluting the partially dewaxed oil with a different hydrocarbon solvent of higher vapor pressure than said first solvent, chilling the oil-diluent solution to a temperature lower than that achieved in the first stage of dewaxing and removing the wax from the oil.

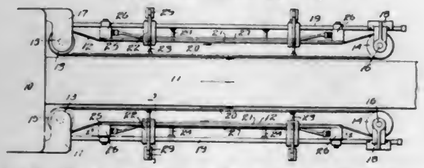
5. A process of dewaxing hydrocarbon oils comprising preparing a highly diluted oil solvent solution, chilling the solution, filtering the solution to secure a partially dewaxed oil diluent filtrate, removing a portion of the diluent from the filtrate, chilling the filtrate diluent solution to a predetermined temperature lower than said first chilling temperature by indirect heat exchange while maintaining a super atmospheric pressure on the solution, then evaporating a portion of the diluent to secure a predetermined oil to solvent ratio higher than in said first solution and the final desired crystal formation, and removing the wax from the mixture.

2,133,339

BREAD WRAPPING MACHINE

Gustave S. Baxter, Detroit, Mich., assignor, by mesne assignments, to American Machine and Foundry Company

Application March 7, 1934, Serial No. 714,508
11 Claims. (Cl. 93—2)



1. Cooling mechanism for a wrapping machine comprising means for conveying the wrapped article bearing hot seals, pressure belts contacting the ends of said article to cool the hot seals, and refrigerating means including plate members having contact surfaces in contact with said belts along a considerable portion of the length thereof and engaging the article-contacting face thereof for chilling same to insure a perfect seal, said cooling means being adjustable toward and away from the articles to accommodate articles of various lengths.

2,133,340

ACYLAMINO PHTHALOCYANINE

Berthold Bienert, Leverkusen I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application September 3, 1936, Serial No. 99,269. In Germany September 6, 1935
2 Claims. (Cl. 260—314)

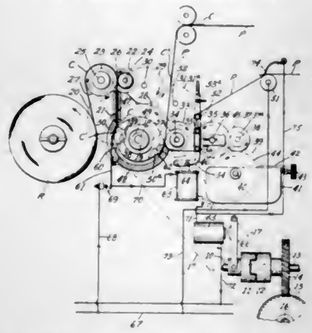
1. A metal phthalocyanine of the benzene series wherein each benzene nucleus contains an acylamino radical, the acyl being selected from the group consisting of lower alkacyl, benzoyl, methylbenzoyl and methoxy-benzoyl.

2,133,341

CIGARETTE TIPPER

Wilhelm B. Bronander, Montclair, N. J., assignor to American Machine & Foundry Company, a corporation of New Jersey

Application February 26, 1935, Serial No. 8,363
29 Claims. (Cl. 131—39)



1. In a tipper, the combination with mechanism for continuously advancing a web of wrapping material, of mechanism for continuously advancing a web of tipping material, a device for applying paste at predetermined intervals to the traveling web of wrapping material, a rotary cutter operating to sever portions from the traveling web of tipping material and of itself advance them into register with the pasted sections of the web of wrapping material, said cutter being the only means for advancing said portions, and means for pressing the registered portions into adhering relation with the pasted sections of the web of wrapping material.

2,133,342

EXPANSIBLE ROOT CUTTER

Elbert J. Brooks, Sparta, Wis.

Application September 2, 1936, Serial No. 99,175
4 Claims. (Cl. 15—104)

1. A tool for cutting roots and withdrawing them from sewers, comprising a shank, forwardly extending relatively movable arms carried by said shank, elongated transversely arcuate knives carried one by each of said arms and slidably overlapped to jointly form an expansible and contractible cutter having a cylindrical rear end, each of said knives having a pointed front end,



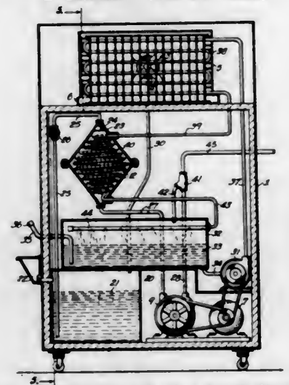
runners connected with and projecting forwardly from said knives to guide them over uneven sewer joints, and rearwardly directed root-feeding barbs located internally of the tool and positioned to prevent forward sliding of the cut roots from the tool while withdrawing the latter from the sewer.

2,133,343

AIR CONDITIONING DEVICE

Emile P. Brus, Kansas City, Mo., assignor, by mesne assignments, to Air Conditioning Equipment Inc., a corporation of Missouri

Application January 10, 1934, Serial No. 706,067
1 Claim. (Cl. 62—129)



An air conditioning device including in combination, a housing, heat exchange means positioned within said housing, means for maintaining the housing under sub-atmospheric pressure, means for supplying liquid to said housing, a tank, a refrigerating coil, means for circulating a refrigerating medium from said tank, through said refrigerating coil and back to said tank through said heat exchange means, a spray for spraying the circulating refrigerating medium back into said tank, means for maintaining said tank under sub-atmospheric pressure, means for passing air to be conditioned over said refrigerating coil.

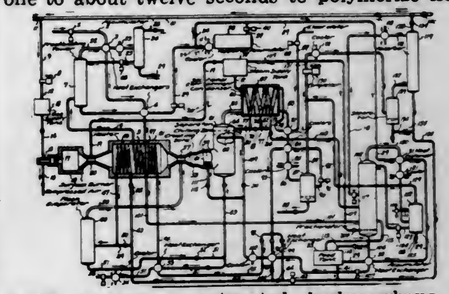
2,133,344

PROCESS FOR THERMAL TREATMENT OF HYDROCARBONS

Maurice B. Cooke, Plainfield, N. J.

Application July 6, 1936, Serial No. 89,089
6 Claims. (Cl. 196—67)

1. A process for thermally treating petroleum hydrocarbons including the steps of generating combustion gases having a substantially complete absence of oxygen, cooling the hot gases to a temperature of from about 1500° F. to about 2500° F., admixing dry hydrocarbon vapors with the cooled gases to form a reactant at cracking temperature, soaking the reactant at substantially cracking temperature for from about one to about three seconds to form normally gaseous, unsaturated hydrocarbons, cooling the reactant to a lower and polymerizing temperature of from about 1050° F. to about 1800° F., maintaining the reactant at the lower temperature for from about one to about twelve seconds to polymerize normally gaseous, unsaturated hydrocarbons to higher molecular weight, aromatic hydrocarbons, quenching the reactant to a temperature below 700° F. and recovering aromatic hydrocarbons from the quenched reactant.



2,133,345

RESPIRATORY APPLIANCE

Frank Rutledge Davis, Scarsdale, N. Y., assignor to Davis Emergency Equipment Company, Incorporated, New York, N. Y., a corporation of New York

Application March 31, 1937, Serial No. 133,955
2 Claims. (Cl. 128—141)

1. A face piece of a gas mask of the full-face type which consists of a flat molded blank including sockets for a pair of eye-pieces, the lower edge of said blank having complementary curved segments which are joined together to form the chin portion of the mask, said lower edge also having a central arcuate portion between said segments which forms a substantially circular opening when said segments are joined together, air passages molded as an integral part of said blank and extending from positions adjacent each of said sockets so located as to direct the air against the eye-pieces and having a common opening adjacent said arcuate portion, and a fitting having inlet and outlet ports for conducting air to and from the interior of the mask, the inlet port of said fitting being connected with the said common opening and the outlet port being secured in the said circular opening.

2,133,346

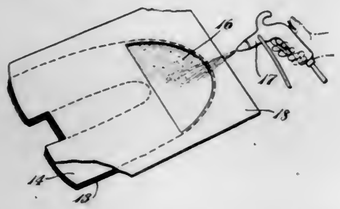
METHOD OF APPLYING COATINGS TO PARTS OF RUBBER ARTICLES

Alvin L. Diller and Frederick F. Olson, Belmont, Mass., assignors to Hood Rubber Company, Inc., Watertown, Mass., a corporation of Delaware

Application March 25, 1936, Serial No. 70,750
3 Claims. (Cl. 91—68)

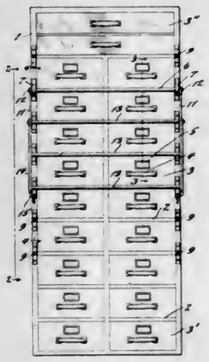
1. The method of preparing articles of unvulcanized sheet rubber which comprises laying

two sheets of rubber material in face to face relation, cutting a pair of similar articles from the two sheets and simultaneously and temporarily seaming them to each other along the



line of cut to prevent soiling of their contacting faces, applying a coating to at least a part of the exposed faces of the articles, and separating the articles from each other.

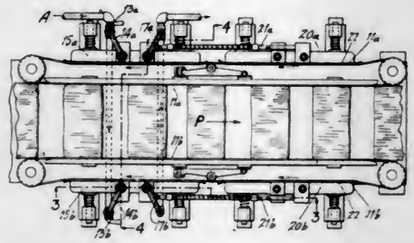
2,133,347
FILING AND DISPLAY CASE
John H. Fedeler, New York, N. Y.
Application May 4, 1936, Serial No. 77,753
4 Claims. (Cl. 312—149)



1. In combination, a filing and display case comprising a plurality of compartments, each adapted to contain a receptacle, said compartments being disposed one above the other in the casing and separated by partitions, a rack having a plurality of bars spaced apart a distance equal to the spacing of said partitions and each bar being of less thickness than one of said partitions, and means for supporting said rack on the front of said casing, with each of said bars substantially in line with one of said partitions.

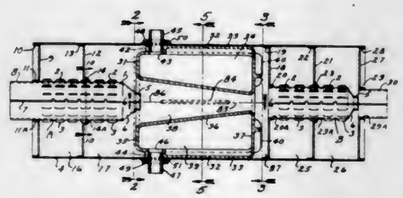
2,133,348
COOLED DELIVERY FOR WRAPPING MACHINES
Lester Ferenci, Brooklyn, N. Y., assignor to American Machine & Foundry Company, a corporation of New Jersey
Application November 9, 1934, Serial No. 752,347
Renewed April 13, 1938
10 Claims. (Cl. 93—2)

1. In a cooled delivery for wrapping machines, the combination with a conveyor for advancing heat sealed packages, of a set of traveling endless belts formed of substantially non-heat-conductive material and arranged to engage the heated seals of the packages and absorb heat therefrom to chill and set the same, and means



engaging the operating faces only of said belts and cooling the same, whereby the heat absorbed by the operating faces of the belts is dissipated.

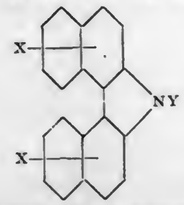
2,133,349
COMBINED MUFFLER AND HEATER
Emmet P. Gray, Detroit, Mich.
Application January 2, 1937, Serial No. 118,775
7 Claims. (Cl. 257—16)



6. In a muffler, a compartmented housing, an inlet conduit projecting substantially into said housing, said conduit having vents thru the walls thereof, a chamber into which a portion of the gases flowing through said conduit are released, a converging passage at the end of said conduit with the large end thereof being of substantially greater diameter than the end of said conduit, the end of said conduit being of restricted shape whereby the gases passing therethrough are given high velocity thereby inducing increased flow of the gases from said chamber, a plurality of individual gas passes in said housing exteriorly of said passage leading from said chamber, a second expansion chamber at the small end of said passage, an outlet conduit from said housing, and a second conduit coaxial with said passage residing within said second chamber and having vents through the walls thereof open to said second chamber, the delivery end of said second conduit being spaced from said outlet conduit and of restricted diameter thereby inducing a flow of gases from said second chamber.

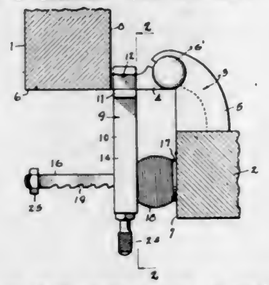
2,133,350
SULPHUR DYES OF 3,4,5,6-DIBENZOCARBAZOLE
Walter Hagge, Wolfen, kreis Bitterfeld, and Karl Haagen, Dessau in Anhalt, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application May 7, 1937, Serial No. 141,246. In Germany May 23, 1936
8 Claims. (Cl. 260—130)

1. The process which comprises sulphurizing a 3,4,5,6-dibenzocarbazole of the general formula



wherein X is a member of the group consisting of hydrogen, hydroxy, nitro, halogen, —SO_3H, and Y is a member of the group consisting of hydrogen and acetyl.

2,133,351
DOOR STOP
Birkelund Hansen, San Francisco, Calif.
Application October 2, 1937, Serial No. 166,993
5 Claims. (Cl. 16—137)



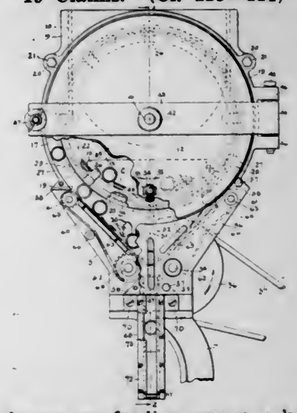
1. A door stop comprising a body member having means for anchoring the member to a hinge strap, and means on the member for abutting a door for holding the latter against closing, said last-named means being extensible when the door is opened wider, and means for automatically extending the door-abutting means when the door-opening is widened so as to maintain contact with the door.

2,133,352
SHOE
Charles J. Jannings, Union, Mo.
Application November 29, 1937, Serial No. 176,971
6 Claims. (Cl. 36—24.5)



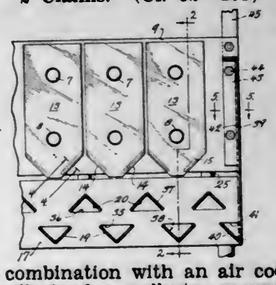
1. In a shoe, a heel having an attaching surface at the top and a lip at the front of said attaching surface, said heel being provided with a recess immediately below said lip, an inner sole secured above said attaching surface, an outer sole having a marginal portion extending into said recess, and a shank brace interlocked with said heel and outer sole, said interlocked shank brace being seated in said recess and provided with an upturned portion abutting against said lip, and said interlocked shank brace being provided with an overhanging support extending from said recess to form an extended seat for the outer sole.

2,133,353
APPARATUS FOR FEEDING RECEPTACLE CLOSURE CAPS
John A. Johnson, Woodhaven, N. Y.
Application December 9, 1936, Serial No. 114,950
19 Claims. (Cl. 113—114)



1. In closure cap feeding means, a hopper casing having a discharge opening, a drum rotatably supported at the periphery thereof having one end in communication with the discharge opening of the hopper casing to receive closure caps therefrom, a fixed annular member disposed about the opposite end of the drum, means pivotally mounted on the annular member to have movement toward and away from the end of the drum opposite the hopper casing, a disk rotatably carried by the pivotally mounted means to be positioned in parallel spaced relation to the end of the drum opposite the hopper casing, means carried by the drum and disk adapted to engage each other and connect the drum and disk when the disk is positioned in parallel spaced relation to the end of the drum by the pivotally mounted means, and motive means connected to the drum to impart rotation to the drum and disk when the disk is connected to the drum and position sidewardly extending closure caps in the space between the drum and disk.

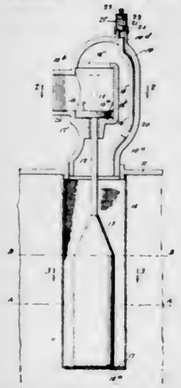
2,133,354
CONDENSATION COLLECTOR
Hermann J. Krackowizer, Chicago, Ill.
Application August 5, 1935, Serial No. 34,745
2 Claims. (Cl. 62—103)



1. The combination with an air cooler of the class described of a collector mounted thereunder to receive condensation dropping from

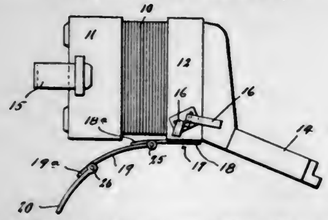
the cooler, said collector comprising end supports and laterally spaced trough like members removably mounted at their ends on said end supports and inverted trough like baffles over the spaces between the trough like members and mounted at their ends on said end supports and said members and baffles having a coating of heat insulating material on their upper surfaces.

2,133,355
OVERFLOW SAFETY DEVICE
George M. Lubow, New York, N. Y., assignor of one-half to Joseph H. Feinberg, Flushing, N. Y.
Application January 2, 1936, Serial No. 57,176
Renewed September 1, 1938
3 Claims. (Cl. 137—68)



1. An overflow safety device, comprising an inverted L-shaped body for the passage of fluid and adapted to be connected at the bottom outlet end with a fuel tank and at the side inlet end with a supply of fuel, and having an internal vertical cylindrical portion open at the top and closed at the bottom and at the side connected with said side inlet end, a vertical stem slidably engaging through said closed bottom of said cylindrical portion, a float for extending into said tank and connected with the bottom of said stem, a valve on the top of said stem and within said cylindrical portion and in a raised position adapted to close the said open top of said cylindrical portion, and means for releasably holding said valve in the open position, comprising several springs mounted upon the interior wall of said vertical cylindrical portion and engaging said valve.

2,133,356
SUPPORT FOR ACCORDIONS
Max B. Luttbeg, St. Louis, Mo.
Application November 21, 1936, Serial No. 112,019
7 Claims. (Cl. 84—376)



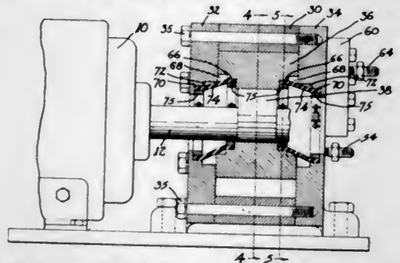
1. In a device of the class described, the combination of a plurality of vertically disposed plates hingedly connected along their vertical edges to each other, one of said plates being adapted to be fixed to the rear wall of one of the accordion end sections, said sections being of substantial length and being curved transversely away from the accordion and adapted to fit against a substantial part of one side of the player's torso and hold the instrument in proper position.

2,133,357
ORNAMENTED METAL FOIL
Jacob Mazer, Elkins Park, Pa.
Application February 7, 1936, Serial No. 62,740
1 Claim. (Cl. 41—24)



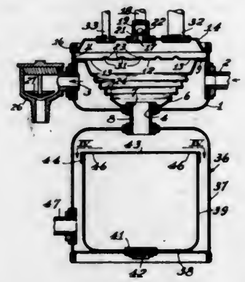
The process of treating a thin sheet of metal to give its surface an ornamental texture which comprises first embossing the sheet to distort the sheet by localized stretching and then pleating and creasing the sheet along approximately parallel lines.

2,133,358
REFRIGERATING APPARATUS
Alex A. McCormack, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application August 29, 1934, Serial No. 741,967
4 Claims. (Cl. 230—147)



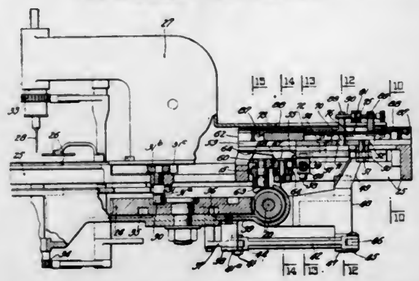
1. A pump including a casing having an annular wall forming a cylinder and end walls therefor and having fluid inlet and outlet ports, piston means fitting within said walls to form a pumping chamber, said piston means being smaller than the cylinder, means for revolving said piston means eccentrically within the cylinder for pumping fluids into and out of the pumping chamber, and a plurality of sleeves formed of gas-tight flexible material impervious to said fluids, each of said sleeves having one end immovably connected to an end of said piston means and the other end immovably connected to the adjacent end wall of the casing to provide a hermetic seal between both ends of said piston means and the casing and to secure said piston means against rotation.

2,133,359
APPARATUS FOR PURIFYING LUBRICATING OIL
James Roys Miller, Pittsburgh, Pa.
Application November 1, 1935, Serial No. 47,897
5 Claims. (Cl. 196—16)



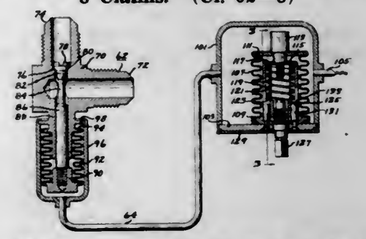
1. In apparatus for purifying lubricating oil, a plate, a conduit for supplying oil to the plate, and a flow-restricting element connected to said conduit, said element comprising a tubular member provided interiorly with an annular seat facing the direction from which said oil flows to the plate, a ball loosely mounted on said seat and urged toward it by the oil flowing through said conduit, the ball-engaging surface of said seat being provided with at least one groove serving as an oil passage past the ball and means for heating said plate to drive volatile matter out of the oil thereon.

2,133,360
BUTTONHOLE MACHINE
Franklin A. Reece, Brookline, Mass.
Application May 28, 1936, Serial No. 82,219
55 Claims. (Cl. 112—71)



1. A buttonhole sewing machine for sewing a buttonhole having an eye at one end and a fly bar at the other, said machine having stitch-forming mechanism, work-holding means, means to produce a relative movement between the stitch-forming mechanism and work-holding means in the direction of the length of the buttonhole, and mechanism to give a relative lateral motion between the stitch-forming mechanism and the work-holding means during the sewing around the eye end of the buttonhole to form an eye and adjacent the beginning and end of the stitching to form a fly bar, said last named mechanism comprising a single set of lateral feed controlling devices and connections, and including parts relatively adjustable to vary the extent of said lateral motion at both ends of the buttonhole and thereby vary the form of both the eye and the fly bar produced by the same feed controlling devices.

2,133,361
REFRIGERATING APPARATUS
Donald H. Reeves, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application July 12, 1935, Serial No. 31,066
8 Claims. (Cl. 62—8)

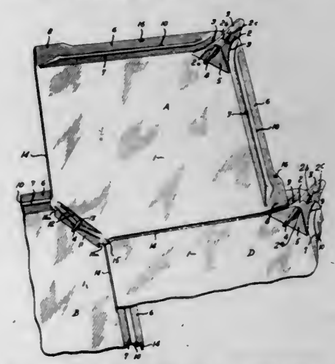


5. Refrigerating apparatus including an evaporating means, a liquefying means for supplying liquid refrigerant to and for withdrawing evaporated refrigerant from the evaporating means, a valve for controlling the circulation of refrigerant through the evaporating means, means forming a flexible chamber operatively connected to the valve means, said means forming a flexible chamber being located in heat conducting relationship to the refrigerant controlled by the valve means, and said flexible chamber containing a liquid having a boiling point sufficiently high to keep it in a liquid state and having a congealing point sufficiently low to keep it in a liquid state during all conditions of normal use and operation.

2,133,362
FEED AND METHOD OF MAKING THE SAME
Charles F. Schnabel, Kansas City, Kans., assignor to American Dairies, Incorporated, Kansas City, Mo., a corporation of Maryland
No Drawing. Application December 30, 1935, Serial No. 56,769
7 Claims. (Cl. 99—2)

1. A feed comprising grass juice obtained from grass harvested in close proximity to the jointing stage.

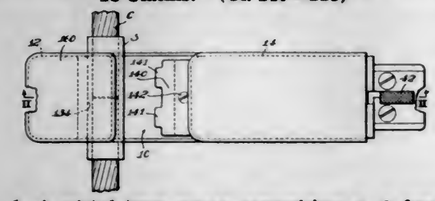
2,133,363
ROOFING STRUCTURE
Everett Talmage, Sabina, Ohio
Application July 10, 1936, Serial No. 89,948
15 Claims. (Cl. 108—17)



1. In a roof construction, a plurality of resilient non-planar plates having overlappingly engageable marginal flanges and having at opposite corners complementary interlocking means

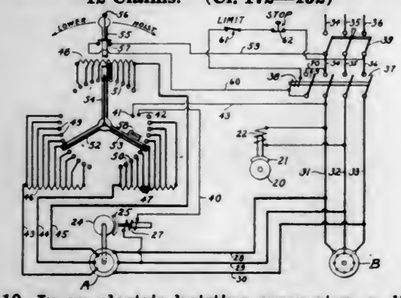
including interpenetrating pins and complementary apertures adapted when interengaged to bend the flanges of said plates and interlock four adjacent plates together under tension.

2,133,364
PRESS
Robert Temple, Jr., Pittsburgh, Pa.
Application October 7, 1936, Serial No. 104,420
13 Claims. (Cl. 140—113)



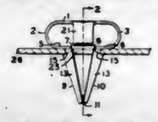
1. A pistol-type press comprising a C-frame having opposed arm portions, a piston slidably carried in a bore in one arm portion and movable to and from the other arm portion, means holding the piston against movement until substantially a maximum pressure has been built up behind the piston, a breech mounted in the first-named arm portion in alignment with the piston and adapted to receive an explosive charge, a breech block removably closing the breech, mechanism associated with the breech block and allowing firing of the explosive charge only when the breech block is fully secured, a hand-grip on the C-frame, trigger mechanism associated with the grip and controlling the firing of the explosive charge, a safety catch directly engaging and releasably holding the trigger mechanism against movement, die means removably carried by the piston and by the opposed frame arm portion for engaging with and performing work on material placed between the dies, and means for insulating substantially the entire exposed outer surface of the frame and grip against electric shock.

2,133,365
HOIST DRIVE AND CONTROL
Lev A. Trofimov, Cleveland, Ohio, assignor to Product Development and Engineering Corporation, Cleveland, Ohio, a corporation of Ohio
Application July 16, 1937, Serial No. 153,957
12 Claims. (Cl. 172—152)



10. In an electric hoisting apparatus, a differential gearing comprising a spider carrying a pinion and two gears meshed with the pinion, a hoist drum connected to one gear, a slip-ring induction motor connected to the spider, a squirrel cage motor connected to the other gear, a source of alternating current, a controller comprising a rheostat for the slip-ring motor secondary, having an intermediate resistance point at which with no load on the drum the slip-ring motor will drive the spider at one half of the speed at which the squirrel cage motor drives the said other gear, an electric circuit for energizing the slip-ring motor primary from the source, and an electric circuit for energizing the squirrel cage motor directly from the source, the rheostat having other resistance points at which the slip-ring motor drives the spider at higher or lower speeds, respectively to effect the driving of said one gear and drum in the hoisting or lowering direction and to cause the spider to react on the said other gear, causing it to drive the squirrel cage motor above synchronous speed as a generator and to exert a braking action on said other gear to hold its speed within a limited speed range, a last point on the rheostat at which, with all of the rheostat resistance in the secondary circuit of the slip-ring motor, an electric control circuit is closed, an electrically actuatable reversing switch energized by current from the source in said control circuit and arranged to reverse the source current to the primary of the slip-ring motor to cause it to rotate slowly in the reverse direction to cause the squirrel cage motor to drive the said other gear and through the spider to drive the said one gear to cause it to effect lowering of light loads on the drum.

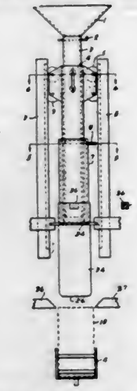
2,133,366
SECURING SPRING CLIP
John H. Van Uum, Lakewood, Ohio
Application August 20, 1937, Serial No. 160,136
7 Claims. (Cl. 85—5)



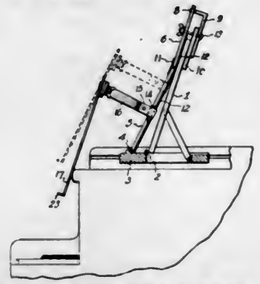
1. A spring clip device for securing a trim member having an opening in one face with inturned flanges therealong to the outer face of an apertured support having inner and outer faces and comprising a single piece of flat spring metal having a portion between its ends in the form of a top, supplemental portions at the respective ends of the top and terminating in spaced relation to each other and to the top, portions extending from said supplemental portions and in the form of legs receivable endwise through an aperture in the support, locking shoulders on the legs engageable with the inner face of the support when the clip is installed, the portions of said supplemental portions which are spaced from the top being engageable with the outer face of the support when the clip is installed in the support, said supplemental portions being snugly engageable edgewise with the edges of the inturned flanges of the trim for constraining the clip and trim from relative rotation and relative lateral movement, said top having portions in the form of depending locking fingers engageable within the trim member by flexure of said fingers and said fingers reflexing for securing the trim member to the support in firm juxtaposition to the outer face thereof.

2,133,367
METHOD OF CHARGING CONTAINERS WITH INERT GAS AND MATERIALS
Melvin Wagner, Chicago, Ill., assignor to The Liquid Carbonic Corporation, Chicago, Ill., a corporation of Delaware
Application December 28, 1936, Serial No. 117,877
10 Claims. (Cl. 226—51)

1. In a method of loading a container and assembling with a carton, the steps of (*a*) introducing a gas and materials to be packed into the container, (*b*) simultaneously expanding the container, (*c*) moving the container from its support while being so filled and introducing it into a supporting carton, and (*d*) sealing the mouth of the container while it is supported by the carton.



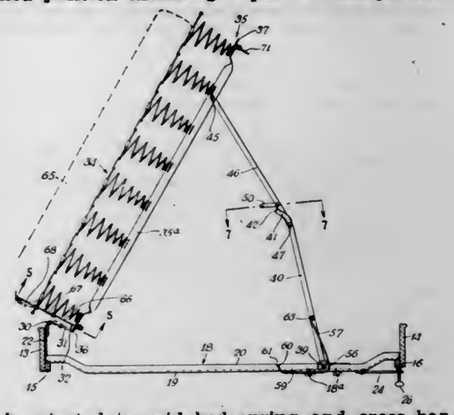
2,133,368
MUSIC RACK
Leta Wallace, Kansas City, Mo.
Application October 24, 1936, Serial No. 107,452
8 Claims. (Cl. 45—82)



1. An auxiliary music rack adapted to be used in connection with the music rest of a piano, a brace member, means for clamping said brace member to the music rack of a piano, said brace member extending from said clamp at an angle to said rest and engaging a part of the piano to prevent said rest from pivoting, a support carried by said brace member and an auxiliary music rack carried by said support.

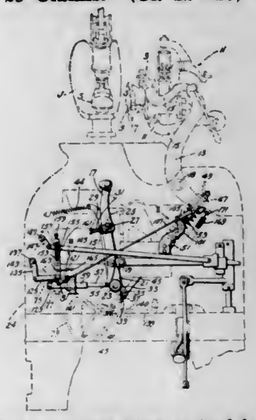
2,133,369
BED AND ACCESSORY THEREFOR
Louis J. Wiener, Brooklyn, N. Y.
Application November 8, 1934, Serial No. 751,989
9 Claims. (Cl. 5—323)

3. In combination. a bed having sideboards provided with molding strips adjacent the lower edges thereof, a cross bar perpendicular to said sideboards and having the ends thereof engaging said molding strip, said cross bar having an upwardly extending portion at one end, a bed spring hinged to said portion on an axis parallel and adjacent to the upper edge of the adjacent sideboard and resting on the ends of said bar and being pivotable about said hinge to inclined position, and means for supporting said spring in inclined position including a pair of interpivoted



links pivoted to said bed spring and cross bar respectively.

2,133,370
SHOE FINISHING MACHINE
Charles Martin Bagshaw and Alfred Harrington, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application March 24, 1937, Serial No. 132,820
In Great Britain April 1, 1936
29 Claims. (Cl. 12—17)

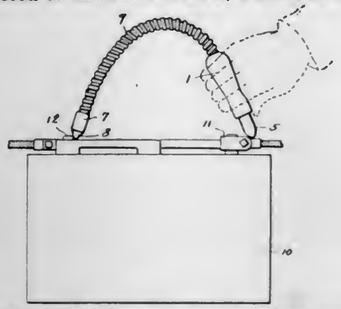


1. In a finishing machine, a tool head, a shoe jack, said jack and head being relatively movable to transfer the point of operation of the tool on the shoe about its sole edge, said head being mounted for movement with respect to said jack thereby to maintain contact between the tool and sole edge throughout their relative movement, operating means for urging said head toward said jack, and means actuated by movement of said head with respect to said jack for controlling said operating means thereby to regulate the pressure between the tool and sole edge.

2,133,371
MEANS FOR REMOVING BATTERY TERMINALS
Charles H. Ballard, Rochester, Pa.
Application February 28, 1938, Serial No. 193,203
1 Claim. (Cl. 219—19)

A device for removing corroded battery terminals comprising a handle having a socket in one

end, said handle further having a longitudinal bore therein communicating, at one end, with the socket, the other end portion of the bore being enlarged, a carbon stick mounted in the socket, an insulated conductor wire extending through the bore and having one end portion electrically connected to the carbon stick, a metallic contact



member on the other end portion of the conductor wire, said contact member including a point on one end, and a flexible housing enclosing the conductor wire between the contact member and the handle, one end portion of said housing extending into the enlarged end portion of the bore in the handle.

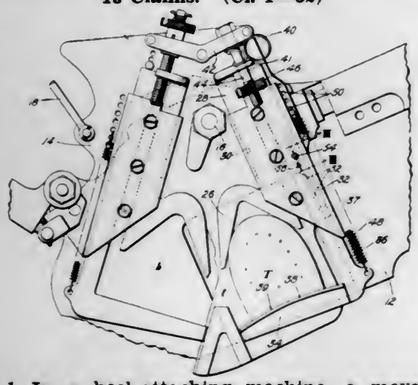
2,133,372

HEEL-ATTACHING MACHINE

Joseph M. Barton, Athol, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application May 17, 1937, Serial No. 143,035

13 Claims. (Cl. 1—32)



1. In a heel-attaching machine, a movable shoe-support, a movable carrier co-operating therewith, and a holder for a heel-portion mounted upon the carrier and having opposite members for contact with the heel-portion, one of said members being arranged to move under the influence of the work on the movable support into registration with said work.

2,133,373

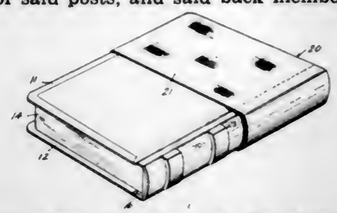
LOOSE LEAF BINDER

Gerhard H. J. Baule, Syracuse, N. Y., assignor to Hall & McChesney, Inc., Syracuse, N. Y., a corporation of New York

Application February 23, 1937, Serial No. 126,973

5 Claims. (Cl. 129—23)

1. A loose leaf binder comprising a back member, cover members hinged to each longitudinal edge of the back member, a plurality of leaf impaling posts extending transversely of the back member, means carried by the back member adjacent each edge thereof for engaging and securing the ends of said posts to the back member and being operable, when the adjacent cover is moved toward open position, to release like ends of said posts, and said back member being



movable about the hinge of the closed cover away from said posts to permit removal and insertion of the leaves on the posts, and means operable to move said back member toward post engaging position upon closing movement of the open cover, said means comprising an elastic member secured at its ends to the cover members and extending around said back member.

2,133,374

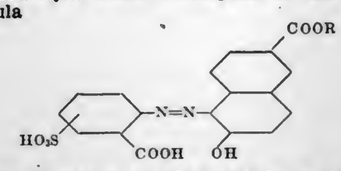
ORTHO-HYDROXYAZO DYES AND PROCESS FOR PRODUCING THE SAME

Walther Benade, Dessau in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application December 23, 1937, Serial No. 181,381. In Germany January 13, 1937

11 Claims. (Cl. 260—202)

1. The dyes which correspond to the general formula



wherein R means an alkyl radicle of the group consisting of propyl and butyl, said dyes dyeing wool by the chroming process red dyeings of good fastness.

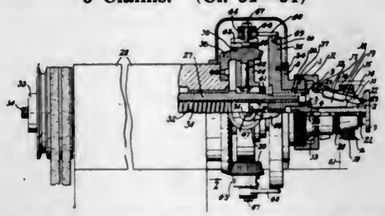
2,133,375

APPARATUS FOR HONING

Hector R. Berard and William D. McKeon, Worcester, Mass., assignors to The Heald Machine Company, Worcester, Mass., a corporation of Massachusetts

Application November 5, 1936, Serial No. 109,330

6 Claims. (Cl. 51—34)



1. In a honing device, a head, a spindle mounted for rotation within the head, a hone comprising a plurality of honing elements movable relative to each other for expanding and

contracting the hone, a carrying member axially slidable on the end of the spindle on which the hone is mounted, means within the spindle for urging the honing elements into operative position, and means for reciprocating the carrying member and hone relative to the spindle and head in response to rotation of the spindle.

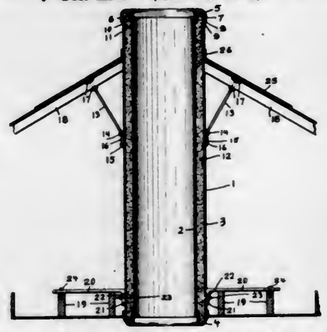
2,133,376

FIRE PROTECTION UNIT

Joseph A. Brown, Colorado, Tex., assignor of one-half to The Philip Carey Manufacturing Company, a corporation of Ohio

Application September 21, 1936, Serial No. 101,724

7 Claims. (Cl. 72—94)



1. In combination with a flue pipe in a building construction a fire protection unit comprising a tubular member of smaller diameter inserted within a tubular member of larger diameter to provide a space between the walls of the tubular members, and an annular U-shaped collar providing spaced apart substantially parallel flanges adapted to fit over the corresponding ends of the tubular members to hold them in spaced relation and to enclose the space therebetween.

2,133,377

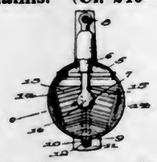
STREET LIGHT

Philipp A. Cullman, New York, N. Y., assignor, by mesne assignments, to United States Holding Corporation, a corporation of Delaware

Application December 9, 1933, Serial No. 701,703

Renewed August 28, 1937

16 Claims. (Cl. 240—25)



1. In a light projector, a glass body having formed thereon a lens of modified Fresnel construction having an optical axis extending downwardly below the horizontal, the zones on the upper half of the lens being struck from centers substantially along the optical axis at increasing distances and with increasing radii as the outer edge of the lens is approached, the zones on the lower half of the lens being struck from centers at increasing distances substantially along a line at an angle to and intersecting the optical axis at the outer face of the lens and with increasing radii as the outer edge of the lens is approached, in combination with refracting prisms whose edges lie in planes substantially parallel with the optical axis, and whose upper and lower faces respectively are substantially tangent to circles of different diameters lying in a plane at right angles to said optical axis.

2,133,378

LIGHTING UNIT

Philipp A. Cullman, New York, N. Y., assignor, by mesne assignments, to United States Holding Corporation, a corporation of Delaware

Application December 9, 1933, Serial No. 701,704

Renewed August 28, 1937

15 Claims. (Cl. 240—93)



1. In a light projector, a globular glass body having a band lens concentric with the vertical axis of the body formed thereon and provided with refracting zones, the zones in the upper and lower halves being struck from centers substantially along diverging lines, the radii of the respective zones differing in length.

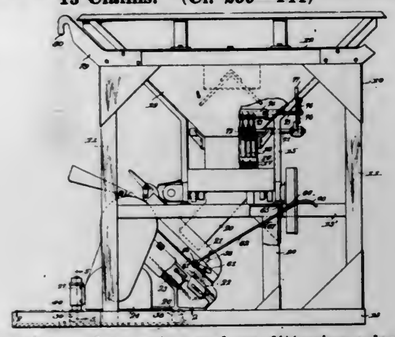
2,133,379

SAND CONDITIONING APPARATUS

Stanley B. Davies, Kingston, Pa., assignor to Royer Foundry and Machine Co., Kingston, Pa., a corporation of Pennsylvania

Application December 24, 1936, Serial No. 117,609

13 Claims. (Cl. 259—144)



1. A frame for use in sand conditioning adapted to support a screening mechanism in elevated position, said frame having a base adapted to receive and support a sand treating device having rollers, and roller engaging means detachably carried by the base and adapted to engage the rollers and lock the sand treating device in operative position in the frame below the screening mechanism.

2,133,380

COMMUNICATION SYSTEM

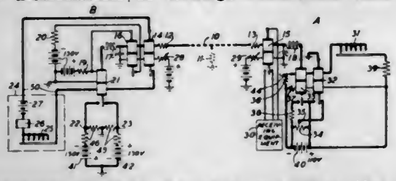
Ralph Warner Deardorff, Portland, Oreg., assignor to American Telephone and Telegraph Company, a corporation of New York

Application March 27, 1937, Serial No. 133,461

12 Claims. (Cl. 178—2)

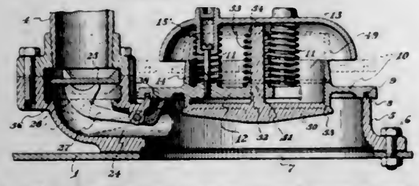
8. A telegraph system comprising a first station, a second station, a telegraph line connected between said stations, a portion of which is subjected to varying leakage resistance, similar receiving apparatus connected to said line at each of said stations, similar transmitting apparatus connected to said line at each of said

stations having a marking contact and a spacing contact, means for connecting substantially the same potential to the marking contacts of said transmitting apparatus at each of said stations, means for connecting substantially the same spacing potential to the spacing contacts of said transmitting apparatus at each of said stations which is so related to the potential connected to both of said marking contacts and to the distribution of leakage resistance and line



resistance of said telegraph line that the sum of the currents received at either of said stations from the other of said stations is substantially constant and independent of the leakage resistance of said line, and bias means cooperating with said receiving apparatus which produces an effect equal in magnitude to one-half the algebraic sum of the currents received at each of said stations but opposite in direction thereto.

2,133,381
RELIEF VALVE
Philip B. Drane, Tulsa, Okla.
Application December 24, 1936, Serial No. 117,641
5 Claims. (Cl. 277—13)



1. The combination with a pressure actuated relief valve, a casing on which said relief valve is mounted, said relief valve being capable of manual movement away from said casing, of a by-pass valve carried by said casing, said by-pass valve being normally opened when said relief valve is in place on the casing and held open by said relief valve and so constructed and arranged that when the relief valve is manually moved from the casing said by-pass valve will be closed.

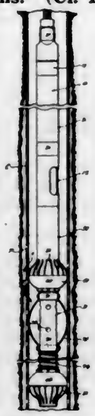
2,133,382
HIGH TENSION ELECTRIC CABLE
Luigi Emanueli, Milan, Italy, assignor to Società Italiana Pirelli, Milan, Italy
Original application May 22, 1929, Serial No. 365,111. Divided and this application April 21, 1931, Serial No. 531,788. In Great Britain January 20, 1928
26 Claims. (Cl. 173—268)

2. The method of making and installing sheathed cable, which comprises forming the cable in convenient lengths, filling each length with impregnating fluid, attaching to each length a fluid-filled reservoir which maintains a pressure within the sheaths superior to that of the atmosphere, installing the lengths of cable in their respective places, opening the sheaths at the adjacent ends of a pair of lengths, and while fluid is flowing from the cable lengths, due to the action of the reservoirs, mechanically uniting the conductors of the lengths to establish an electrical connection and to stop the free flow of fluid, and subsequently finishing the joint.



6. The method of connecting the adjacent ends of two electric cable lengths which have hollow conductors containing fluid under pressure, which comprises opening the adjacent ends of the cables, so as to permit the fluid to flow out, inserting a tubular means having a small bore within the conductors while fluid is escaping therefrom, surrounding the adjacent ends of the conductors with a tubular connector, and subjecting the connector to heavy compression pressure at points overlying the first tubular means to firmly clamp the conductors between the said first tubular means and the connector to establish electrical connection and stop the flow of fluid.

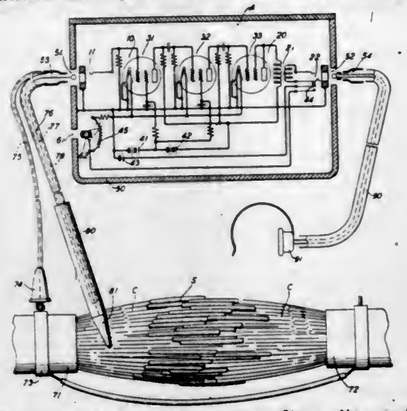
2,133,383
WELL TOOL
Weldon C. Erwin, and Cecil H. Sweet, Brea, Calif., assignors to John Grant, Los Angeles, Calif.
Application December 20, 1932, Serial No. 648,072
Renewed July 12, 1938
40 Claims. (Cl. 166—19)



1. A well cleaner including a body having a charge-receiving chamber with an inlet, a closure for the inlet, the body having a tubular portion extending below the inlet, a tubular stem movable upwardly through the bore of said portion to open the chamber inlet, means forming a fluid-tight joint between the stem and portion when the stem is in its lowermost position with relation to the portion, and a foot-valve in the stem bore.

2,133,384
SYSTEM AND METHOD FOR IDENTIFICATION OF CONDUCTORS IN CABLES
Donald Fisher, Elizabeth, and George Blaine Parker, East Orange, N. J., assignors to American Telephone and Telegraph Company, a corporation of New York
Application September 3, 1937, Serial No. 162,376
6 Claims. (Cl. 175—183)

1. A high amplification test set for making a weak oscillating current audible, a probing conductor connected to the input side of said test set for locating within a comparatively large space an insulated conducting strand having a low potential source of oscillating current connected thereto at a remote point, said probing conductor having a metallic screen against elec-



trostatic interference surrounding its entire length except for a small portion forming a localized area exposed to electrostatic fields and bared for engagement with the insulation of said strand for detection of a tone from said oscillating current.

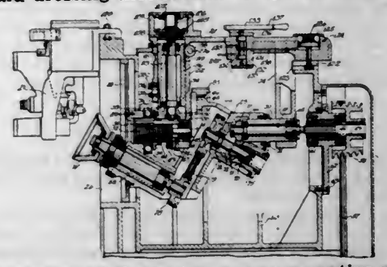
2,133,385
X-RAY GRID AND METHOD OF MAKING SAME
Antony P. Freeman, San Francisco, Calif.
Application May 8, 1937, Serial No. 141,511
4 Claims. (Cl. 250—34)



1. The method of making a grid for X-ray photography which comprises the steps of first preparing a block of sheets of X-ray permeable material with intervening layers of X-ray impermeable material, next cutting curved slabs from the end of the block, then flattening the individual slabs, next cutting slices from the ends of the slabs, then joining the slices by intervening layers of X-ray impermeable material on a curvature comparable to that of the slabs cut from the original block, and then flattening the plate thus made.

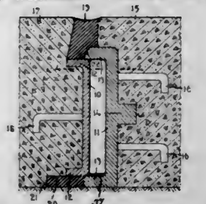
2,133,386
GEAR GRINDING MACHINE
Clarence T. Galloway, Rochester, N. Y., assignor to Gleason Works, Rochester, N. Y., a corporation of New York
Application May 10, 1937, Serial No. 141,588
22 Claims. (Cl. 51—52)

1. In a machine for grinding gears, a ginding wheel, means for actuating the wheel to effect the grinding operation, means for moving the grinding wheel from working position to dressing position and back, dressing mechanism, a motor, means operatively connecting said motor to said dressing mechanism to operate the same



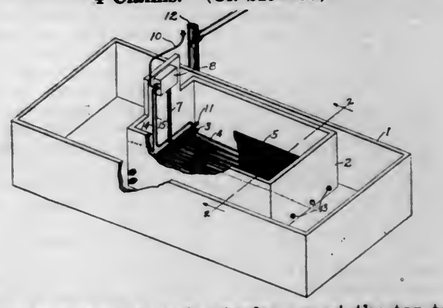
on actuation of the motor, means operative when the grinding wheel reaches dressing position to start said motor, and means operative when the grinding wheel has been returned to operative position, to stop said motor.

2,133,387
EXPANSION JOINT
Joseph William Heltzel, Warren, Ohio
Application December 28, 1934, Serial No. 759,570
8 Claims. (Cl. 94—18)



1. An expansion joint comprising a pair of interfitting channel members with the outer side of the inner member facing the inner side of the outer member and said members being relatively slidable, means for anchoring said members independently to adjacent road surface slabs, an expansible filler element disposed against the edge portion of the lower flange of the outer channel member, closure plates disposed across the opposite ends of said channel members, means for anchoring the closure plates each to one of the adjacent slabs, and expansible filler members arranged at the opposite ends of the closure plates to admit free sliding movement thereof.

2,133,388
STOCK WATERING TANK HEATER
George E. Henderson, Wilmington, Ohio
Application September 2, 1936, Serial No. 99,063
4 Claims. (Cl. 219—38)



1. In a stock watering tank open at the top to

give access to the water by the stock, the combination of a heat insulated water chamber having an unobstructed opening at the top, said chamber resting on the bottom of the tank, supports adjacent the bottom of the chamber, a cable, comprising an insulated heating element mounted on the supports and extending horizontally throughout the length of the chamber, said cable being in direct contact with the water, and a thermostat to control the heating element.

2,133,389

1'-CHLORO-1-METHYL-5-NITRONAPHTHALENE AND PROCESS FOR MANUFACTURING THE SAME

Otto Hoffmann and Hans Lange, Dessau in Anhalt, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application November 27, 1937, Serial No. 176,916. In Germany April 3, 1936
4 Claims. (Cl. 260—646)

1. 1'-chloro-1-methyl-5-nitronaphthalene of the formula



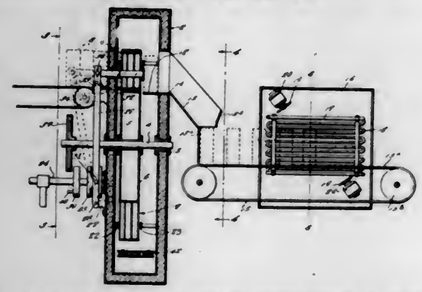
a crystalline product which recrystallized from carbon tetrachloride melts at 96 to 97° C.

2,133,390

APPARATUS FOR TREATING CARTONS WITH MELTED WAX

Irwin Kotcher and Morris Kotcher, Brooklyn, N. Y.

Application January 30, 1937, Serial No. 123,285
4 Claims. (Cl. 91—46)



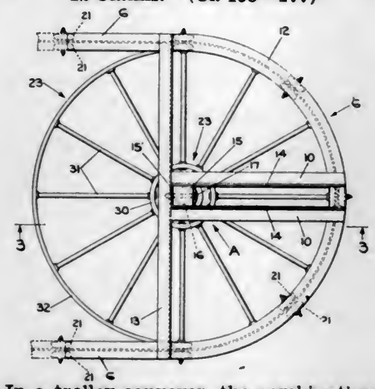
1. A carton coating device comprising a receptacle having coating material in its lower part, a vertically arranged wheel rotatably arranged in the receptacle and extending into the material, radially extending cage-like pockets on the periphery of the wheel, the sides of each pocket being open, said pockets being fully immersed in the material when that part of the wheel carrying the pockets enters the material, feeding means for placing a carton in each pocket when the pocket reaches the top of the wheel, through one open side of the pocket, a plunger, means for rotating the wheel in a step by step manner and means associated with the rotating means for operating the feeding means and the plunger while the wheel is stationary for ejecting a coated carton from the opposite side of each pocket just before the pocket reaches receiving position.

2,133,391

TROLLEY CONVEYER

Alexis W. Lemmon, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio

Application April 9, 1936, Serial No. 73,496
12 Claims. (Cl. 198—177)



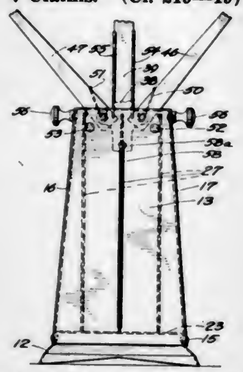
1. In a trolley conveyer, the combination with a curved trolley rail, of a wheel for guiding a trolley conveyer about said rail, supporting means for said wheel comprising a transverse member attached at each end to said curved rail, parallel spaced supporting members extending from approximately the center of said member and attached thereto and to said rail, a wheel supporting axle having a portion supported by said transverse member and between said spaced supporting members, and bolts extending transversely through said axle and into said supporting means to effect said axle support.

2,133,392

ELECTRIC TOASTER

Constantine P. Lent, New York, N. Y.

Application January 20, 1936, Serial No. 59,809
7 Claims. (Cl. 219—19)



1. A toaster of the class described comprising a container having rigidly secured side plates that rest upon a base plate; a top plate included in said container, said top plate having elongated slot openings; one or more slidably mounted racks in said container arranged to slide through said openings; a bracket also included in said container upon which said racks are pivotably mounted, and a handle included on said bracket, the operation of said handle causing said racks to move outwardly from said container, said

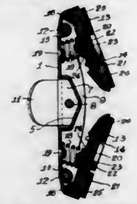
movement being in the form of a swinging arc, and stopping means for said racks after said racks shall have completed the movement aforesaid.

2,133,393

PEDAL ATTACHMENT

Samuel M. D. Miller, Detroit, Mich.

Application October 22, 1937, Serial No. 170,461
10 Claims. (Cl. 74—563)



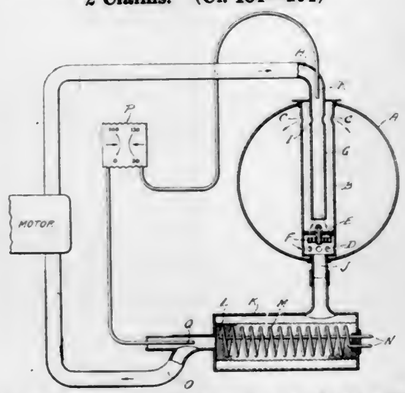
1. A device for the purpose described including a pair of tread members, means for pivotally connecting said members to the pedal of a motor vehicle, said pivotal connection being located at one end of each of said tread members for independent pivotal movement of each member, and yielding means for resisting the pivotal movement of each tread member independently of the other member.

2,133,394

AUTOMATIC OIL HEATER

Henri Mortier, Clichy, France

Application March 16, 1937, Serial No. 131,266
In France July 22, 1936
2 Claims. (Cl. 184—104)



1. In a lubricating system for engines, a lubricating oil reservoir, a sleeve mounted therein having openings near the top and bottom thereof communicating with the interior of the reservoir, thermostatically controlled throttling means within the sleeve intermediate the upper and lower openings, an oil inlet tube leading from the engine and extending well into said sleeve for admitting return oil from the engine, said tube having an upper opening adjacent the upper opening of the sleeve, and having a lower opening adjacent said throttling means, and an outlet from said sleeve communicating with the engine.

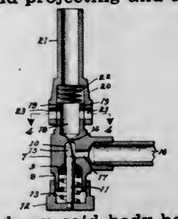
2,133,395

VALVE FOR PILOT LIGHT DEVICES

Ervin H. Mueller, Grosse Pointe Park, Mich.

Application November 11, 1935, Serial No. 49,203
1 Claim. (Cl. 251—43)

A valvular device for controlling the admixture of gas and air and the flow thereof to a central chamber of a pilot light device for gas stoves, which valvular device comprises, a valve body provided with a chamber and a jet opening leading from said chamber and with a projecting and externally screwthreaded nipple, a needle valve to control the flow of gases through said jet opening and having a plain stem extending into said chamber of said body and projecting therefrom, an adjusting nut in screwthreaded and sealing engagement with the projecting and externally screwthreaded nipple on said body and which nut is rigidly secured to the outer end of said valve stem, said projecting and externally screw-



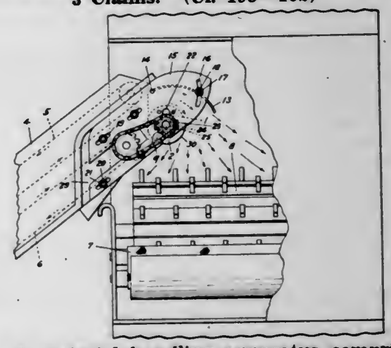
threaded nipple on said body being formed with a longitudinal bore through which said stem extends, a packing within the inner end of said bore of said nipple around said stem, a coiled spring sleeved upon said stem between said nut and said packing and adapted to be put under compression by the turning of said nut in adjusting said needle valve stem, whereby said spring is effective in holding said nut in the position to which it is turned to adjust said valve stem longitudinally and to hold said packing forced into the inner end of the bore of said nipple through which said valve stem extends, and a gas supply pipe for supplying gas to said chamber within said body.

2,133,396

ROTARY MATERIAL DISTRIBUTOR FOR MATERIAL HANDLING APPARATUS

David S. Neal, Harrod, Ohio

Application October 5, 1936, Serial No. 104,010
3 Claims. (Cl. 198—102)



1. A material handling apparatus comprising a delivery conveyer, and a receiving conveyer disposed transversely of the delivery conveyer and having a receiving surface actuated to convey the material from the point of reception to the point of discharge from said receiving conveyer, in combination with means for distributing the material as discharged from said delivery conveyer and in the direction of discharge therefrom in a layer of substantially uniform thickness across substantially the full width of the receiving surface of said receiving conveyer, said

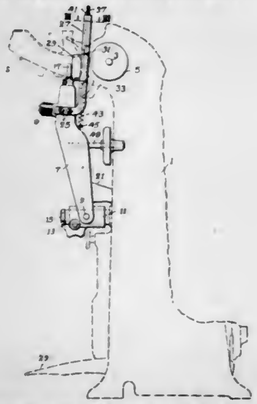
distributing means comprising a rotary distributing blade having its axis of rotation extending transversely across the path of delivery at a point slightly beyond the discharge end of said delivery conveyer so that the distributing blade in rotating will intercept and break up the stream of material as discharged by the delivery conveyer into a zone of material driven by impact with said blade and directed by said distributing means, and means for rotating said distributing blade at a high rate of speed in comparison to the speed of feed of said delivery conveyer.

2,133,397

MACHINE FOR EFFECTING RELATIVE MOVEMENT BETWEEN SHOES AND THEIR LASTS

Albert Pickford, Leicester, England, assignor to United Shoe Machinery Corp., Paterson, N. J., a corporation of New Jersey

Application November 29, 1937, Serial No. 176,992
In Great Britain December 21, 1936
7 Claims. (Cl. 12—15.1)



1. A machine for effecting relative movement between a shoe and a last comprising a support for a last, a driven member, said support and said driven member being constructed and arranged for relative movement of approach with respect to each other, and a normally stationary block interposed between a shoe on the last and said driven member and having a recess to receive the heel end of the shoe, said block being constructed and arranged when pressed between the shoe and the driven member to partake of the movement of the driven member and by frictional movement of the shoe to move the shoe relatively to the last.

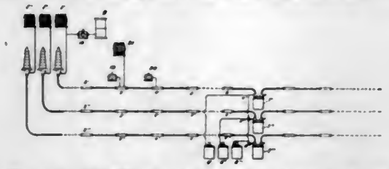
2,133,398

ELECTRIC CABLE AND METHOD OF REPAIRING THE SAME

Mario Puritz, Piccadilly, London, England, assignor to Societa Italiana Pirelli, Milan, Italy, a corporation of Italy

Application April 25, 1929, Serial No. 358,092
25 Claims. (Cl. 173—268)

2. In the repair of an oil filled cable having a hollow conductor, the adjacent lengths of which are joined by a connector soldered to the ends of the conductor and having a passageway uniting the same, the method of substituting a new length of cable for a damaged length, which comprises removing the joint insulation from the central part and from one end only of the connector in order to expose the same, closing the passageway in the connector to shut off the flow of oil, heating the exposed end of the connector until the solder thereof melts without melting the solder at the other end, removing the conductor of the damaged length, inserting the new conductor to be joined and sweating the same to the connector without unsoldering the other end, said other end being cooled by the insulating oil and by the old joint insulation, and finally again opening the passageway in the connector.



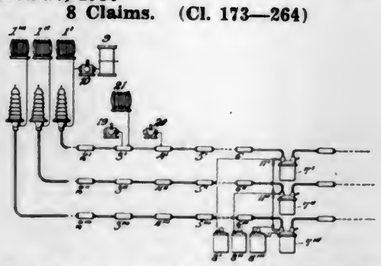
5. In an oil filled cable, the combination of adjacent lengths of hollow conductor cable, a tubular connector secured to the adjacent ends of the hollow conductors, a seat in the connector, a ported plug lying in said seat, said plug having a passageway to provide communication between the duct in the sleeve on one side of the plug to the exterior of the connector, and joint insulation wrapped about the insulation of one cable length and extending over one end of the connector.

2,133,399

ELECTRIC CABLE AND METHOD OF REPAIRING THE SAME

Mario Puritz, London, England, assignor to Societa Italiana Pirelli, Milan, Italy, a corporation of Italy

Original application April 25, 1929, Serial No. 358,092. Divided and this application November 7, 1930, Serial No. 494,102. In France March 26, 1930
8 Claims. (Cl. 173—264)



1. A high tension oil filled electric cable system including a plurality of parallel runs of oil filled cables containing longitudinal ducts, feeding reservoirs for supplying insulating fluid to the ducts of the runs of cable, stop joints connecting sections of the runs of cable, manually operable means to allow fluid access to the interiors of said runs of cable, and conduit means for interconnecting the fluid conveying ducts of runs of cable with those of adjacent runs of cable through said manually operable means adjacent said stop joints.

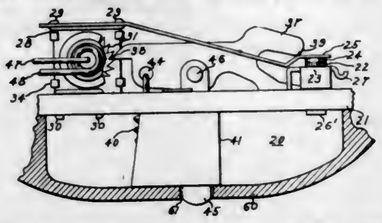
2,133,400

CONTROL APPARATUS

Estel C. Raney, Columbus, Ohio, assignor to Ranco Incorporated, a corporation of Ohio

Application June 12, 1936, Serial No. 84,800
4 Claims. (Cl. 172—279)

1. In combination with a motor having two phase displaced windings, a circuit breaker in the motor circuit, thermal responsive means for causing opening of the circuit breaker, two heating means in heat transfer relation with said thermal responsive means, one of said heating means being connected in the circuit of one of



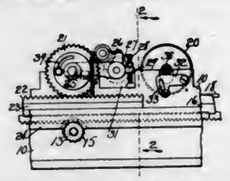
the windings and the other of the said heating means being connected in the circuit of the other of the said windings, and means for opening one of the winding circuits and deenergizing the heating means therein in response to normal operation of the motor.

2,133,401

WALLPAPER SAMPLE PRINTING MACHINE

Carl B. Richardson, West Hartford, Conn.

Application March 21, 1936, Serial No. 70,030
6 Claims. (Cl. 101—171)



1. A wall paper sample printing machine comprising a frame, a platen supported by said frame, printing units supported by said frame, said units each including a printing roll of a structure for transfer to a cylinder printing machine and having journals insertable in the bearings of said cylinder printing machine; said printing rolls being removably mounted in the sides of said frame and an inking unit comprising blocks mounted in the side parts of said frame, inking rolls mounted in said blocks, and means for imparting relative movement as between said printing units and platen.

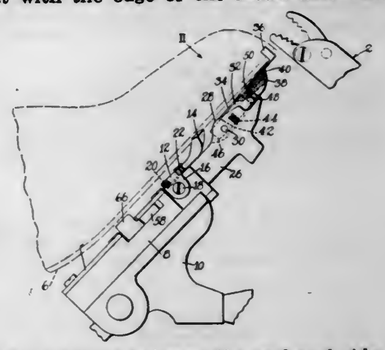
2,133,402

MACHINE FOR SHAPING UPPERS OVER LASTS

Fred Ricks and William Neil Bray, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application December 1, 1937, Serial No. 177,530
In Great Britain January 25, 1937
11 Claims. (Cl. 12—4)

1. In a machine for shaping uppers over lasts, the combination with grippers for gripping the margin of an upper on a last at the end and the sides of the toe respectively and for pulling the upper over the last, of a work rest for supporting the last against the pull of the grippers by engagement with an insole loose on the last, said work rest having thereon members spaced apart widthwise of the last and arranged to position the toe end of the insole in proper relation to the last lengthwise and laterally by engagement with the edge of the insole and with the



last in locations between the end and side grippers.

2,133,403

PROCESS FOR RECONDITIONING PISTONS

David Rubin, Scranton, Pa.

No Drawing. Application October 5, 1937, Serial No. 167,473
7 Claims. (Cl. 29—156.5)

1. A process for expanding pistons comprising heating the piston and maintaining it at a temperature of from 575 to 700 degrees Fahrenheit for about one-half hour; stretching it by external force applied transversely of its axis while hot; and then cooling it substantially without disturbing its crystalline structure and initially at the approximate average rate of about 15 degrees Fahrenheit per minute until it reaches a temperature of about 250 degrees Fahrenheit.

2,133,404

METHOD OF COLORING FRUIT

Jagan N. Sharma, Berkeley, Calif., assignor to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware

No Drawing. Application June 19, 1934, Serial No. 731,265
4 Claims. (Cl. 99—103)

1. A method of imparting an enhanced varietal coloration to citrus fruit which comprises forming a waxy mixture containing particles of coloring substance dispersed therein, the coloring substance being soluble in the oils and waxes of the skin or peel of the fruit, heating such mixture to fluidity, applying said waxy mixture to whole citrus fruit while in a heated finely divided state, and finally brushing the fruit while maintaining the fruit in an atmosphere at a temperature sufficient to soften the waxy mixture carried by such fruit, whereby the coloring substance is caused to pass from said waxy mixture into the skin or peel of the fruit.

2,133,405

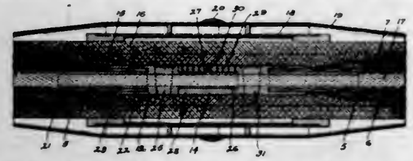
OIL FILLED CABLE AND MEANS FOR JOINTING THE SAME

Vincent A. Sheals, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application January 16, 1929, Serial No. 332,905
Renewed September 21, 1933
14 Claims. (Cl. 173—268)

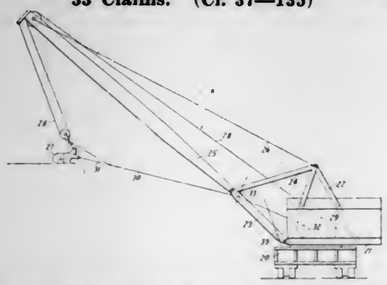
1. The method of jointing cable sections which are filled with fluid insulation which comprises bending the ends of the sections upwardly to form fluid traps, attaching parts of a hollow connector

to the adjacent conductor ends, supplying fluid under pressure to each section to discharge any trapped air through the connector parts, shutting



off the flow of fluid from the connector parts, uniting the parts of the connector, and establishing a through passage from one section to the other.

2,133,406
FAIR-LEAD
Dwight J. Shelton, Benjamin Jacoby, and Glen B. Heffelfinger, Marion, Ohio, assignors to The Marion Steam Shovel Company, Marion, Ohio, a corporation of Ohio
Application June 4, 1937, Serial No. 146,374
33 Claims. (Cl. 37—135)



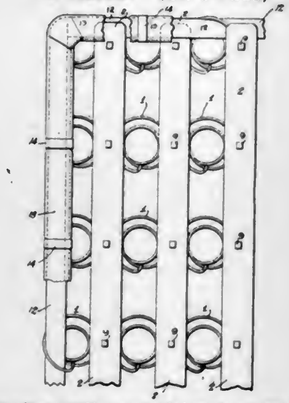
1. In a machine comprising an operating mechanism, a device to be operated, means carried by said machine for movably supporting said device at a point remote from and at a higher elevation than said operating mechanism, an operating cable connecting said device with said operating mechanism, a frame supported on said machine for movement to different elevations with relation to the point of support for said device, opposed guides carried by said frame and arranged to receive said cable between them, and actuating means carried by said frame for moving the same to different elevations.

2,133,407
CARBON HOLDER
Clarence B. Stone, Saginaw, Minn.
Application January 15, 1937, Serial No. 120,784
3 Claims. (Cl. 176—119)



2. A carbon holder for arc lamps of the character described, comprising a unitary substantially cylindrical member, approximately one half of which is materially larger in diameter than the other half, the larger end having a bore therein parallel therewith and in close proximity to one circumferential face thereof for the reception of a carbon stick, means for holding said stick within said bore, and the smaller end of said holding member being of the diameter of a carbon stick to be held and in substantial axial alignment with said bore in said larger end.

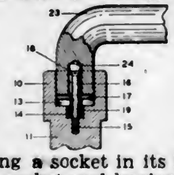
2,133,408
SPRING UNIT
Sheridan A. Walker, Newburgh, N. Y., assignor to Walker Spring Co., Inc., Newburgh, N. Y., a corporation of New York
Application December 5, 1934, Serial No. 756,013
8 Claims. (Cl. 5—248)



1. A spring unit comprising two sets of spring metal bands arranged in parallel planes and resiliently spaced apart by interposed coiled springs having parallel axes and so positioned that each end of each spring laterally overlaps two bands of one of said sets, means securing the juxtaposed ends of each two laterally adjacent springs to one another and to an overlapping band, a spring metal edging strip interwoven with respect to the corresponding ends of consecutive springs along the edge of the unit and over and under alternate bands at the ends of the unit, a flexible binding over said strip, and means securing the said binding to the strip and the strip to said springs.

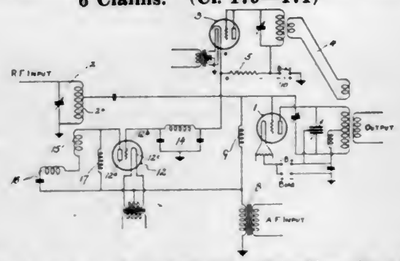
8. A spring unit comprising two sets of spring metal bands arranged in parallel planes and resiliently spaced apart by interposed coiled springs having parallel axes and so positioned that each end of each spring laterally overlaps two bands of one of said sets, and means secured centrally to each band simultaneously securing laterally adjacent overlapping springs thereto, said sheet metal bands being individually at least substantially as wide as the spaces between laterally adjacent bands.

2,133,409
CLOSED HEAD SOCKET-HEAD SCREW OR BOLT
Wesley D. Webb, Milwaukee, Wis., assignor to Mac-It-Parts Company, Lancaster, Pa., a corporation of Pennsylvania
Application September 14, 1937, Serial No. 163,819
1 Claim. (Cl. 85—45)



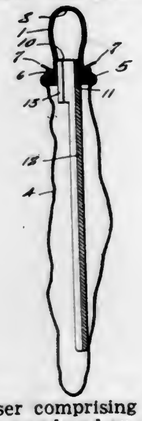
A bolt having a socket in its head, a pin fixed axially in the socket and having a head thereon, the upper surface of which is in a plane with the upper surface of the bolt head, a closure plate slidable on the pin and having its periphery intimately engaged with the wall of the socket, and a spring in the socket and engaged with the plate to hold the same yieldably engaged with the head of the pin and the upper surface of the plate in a plane with the upper surface of the bolt head.

2,133,410
DISTORTION REDUCING SYSTEM IN MODULATED AMPLIFIERS
Walter H. Wirkler, Des Moines, Iowa, assignor, by mesne assignments, to Collins Radio Company, a corporation of Iowa
Application June 15, 1935, Serial No. 26,830
6 Claims. (Cl. 179—171)



1. A system for reducing distortion in radio frequency grid-modulated amplifiers due to the varying impedance to ground of the modulated amplifier to the radio frequency excitation, which provides a compensating load effectively in parallel with the varying impedance, said system comprising means for deriving the distortion components from the distorted modulated output of the modulated amplifier, and a radio frequency energy absorbing circuit connected with said means and with ground and coupled with the radio frequency excitation circuit, said absorbing circuit operative under the influence of said distortion components to compensate by absorption in varying degrees the variations in impedance of said modulated amplifier to said radio frequency excitation.

2,133,411
BABY NURSER
Ludwig Alvine Zohe, Syracuse, N. Y.
Application February 27, 1934, Serial No. 713,141
Renewed February 9, 1937
2 Claims. (Cl. 128—252)

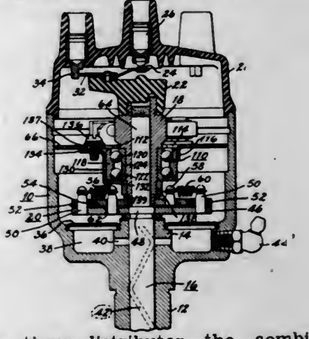


1. A baby nurser comprising a nipple having an inlet at its inner end and an outlet at its outer end, and an automatically collapsible container, the nipple having a plug portion extending into and snugly fitting the mouth of the container, whereby the container is attached to the plug portion, and the plug portion extends partly into the container, and a projection attached to the nipple and extending therefrom lengthwise of the container within the same for preventing the container from folding over the inlet of the nipple.

2,133,412
PETROLATUMLIKE PRODUCTS
John A. Anderson, Olympia Fields, Ill., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
No Drawing. Application September 28, 1935, Serial No. 42,675
6 Claims. (Cl. 134—15)

1. As a new composition of matter an unctuous product comprising from about 10% to about 40% wax, from about 5% to about 50% of a synthetic plastic resin obtained by polymerizing an olefin with a metallic halide catalyst at a low temperature, and at least about 20% mineral oil, said constituents being combined in proportions to produce a product having petrolatum-like characteristics.

2,133,413
IGNITION DISTRIBUTOR
James L. Arthur, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application August 10, 1935, Serial No. 35,604
11 Claims. (Cl. 200—19)

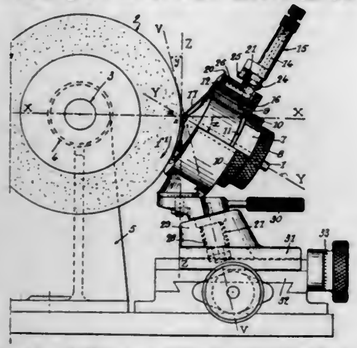


2. In a timer-distributor the combination comprising, an actuating shaft, a housing providing a bearing for the shaft, a cam driven by the shaft, a breaker plate within the housing, a ball bearing assembly supporting the plate from the cam, and means for oscillating the plate about the cam and through the ball bearing assembly.

2,133,414
DRILL GRINDING MACHINE
Adrien Auguste Bahuaud, Paris, France
Application January 25, 1937, Serial No. 122,138
In France February 5, 1936
5 Claims. (Cl. 51—219)

1. A drill grinding machine for grinding the helicoidal relieving surfaces of a two groove drill with two helicoidal relieving surfaces, comprising in combination a rotary grinding wheel, a cylindrical sleeve adapted to carry the drill to be ground in a position in which the axis of said drill is parallel and eccentered with reference to the axis of said sleeve, a collar adapted to slidably and rotatably embrace said sleeve so that said drill occupies a position in which a generatrix of the helicoidal surface to be ground substantially coincides with one of the outer edges

of the rim of said grinding wheel and means adapted to helically displace said sleeve with reference to said collar about the axis of said sleeve and including a helical cam surface on said col-



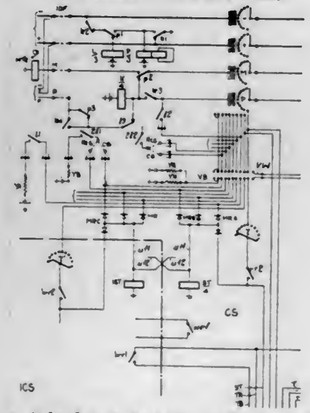
lar, a cam follower rigidly connected to said sleeve and caused to follow said cam surface, whereby, when said sleeve is moved within said collar, it is obliged to follow a helical path determined by said helical cam surface.

2,133,415

TELEPHONE SYSTEM

George Thomas Baker and John William McClew, Liverpool, England, assignors to Associated Telephone & Telegraph Company, Chicago, Ill., a corporation of Delaware

Application June 22, 1936, Serial No. 86,574
In Great Britain August 9, 1935
15 Claims. (Cl. 179—18)



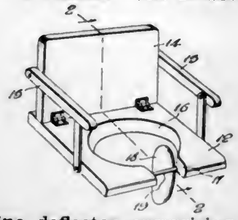
1. In a telephone system, calling lines, finder switches having bank contacts terminating said lines, wipers on said finder switches for connecting with said lines by way of said contacts, a numerical switch associated with each of said finder switches, means responsive to calls on said lines for marking the finder bank contacts corresponding to the lines calling and for taking said finder switches into use one for each call, each of said markings being individual to the particular finder switch taken into use by one call to enable said finder switches in case of simultaneous calls to find and connect with the proper lines, and means for connecting the calling lines independently of the finder switch wipers to the numerical switches associated with the particular finder switches taken into use during the operation of such finder switches in search of the calling line.

2,133,416

FOLDABLE CLOSET SEAT DEFLECTOR

George B. Bentz, New York, N. Y.

Application February 21, 1938, Serial No. 191,830
5 Claims. (Cl. 4—239)



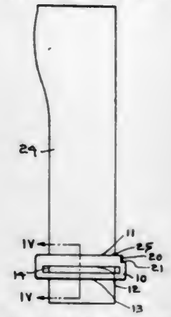
1. A urine deflector comprising a channeled deflecting member disposed at the inner front portion of a closet seat and normally extending both upwardly and downwardly from said seat, the channel of said member being disposed rearwardly, and means pivotally mounting said member on the seat, the pivotal axis of said mounting means being disposed transversely of said seat and member and being located between the upper and lower ends of the latter, said member being swingable about said axis to a substantially horizontal position when not in use.

2,133,417

TEMPLET FOR MARKING TROUSER CUFFS

Ralph C. Blach, Birmingham, Ala.

Application March 23, 1936, Serial No. 70,337
5 Claims. (Cl. 33—11)



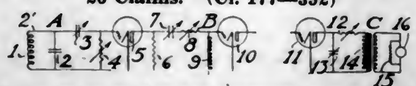
1. A templet for marking trouser cuffs, comprising a plate slotted and shaped to provide an intermediate ruling edge parallel with a second ruling edge and having a predetermined spacing from a measuring edge on the opposite side thereof from said second ruling edge, and a serrated flange disposed with its teeth clear of the path of a ruling marker guided by the adjacent ruling edge and adapted to engage the cloth of the garment firmly adjacent to a ruling edge.

2,133,418

REFLECTION AMPLIFIER

Ludwig W. Blau and Ralph W. Gemmer, Houston, Tex., assignors to Standard Oil Development Company, a corporation of Delaware

Application October 15, 1932, Serial No. 637,912
26 Claims. (Cl. 177—352)



7. In an amplifier, an inductance coil, a variable condenser for eliminating low frequencies,

and the inductance of the primary winding of a transformer all connected in series, and a damping resistance connected in parallel with the primary winding for damping the natural oscillations of the circuit.

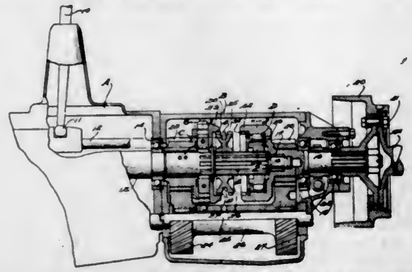
23. A method of geological exploration including the steps of creating elastic waves at or near the earth's surface, generating varying electromotive forces in sympathy with the waves produced and resulting from various subsurface geological formations, selecting an electromotive force of a desired frequency range and recording the voltage variation thereof.

2,133,419

CLUTCH

Carl Breer, Detroit, Mich., assignor to Chrysler Corporation, Detroit, Mich., a corporation of Delaware

Application January 18, 1934, Serial No. 707,100
12 Claims. (Cl. 192—105)



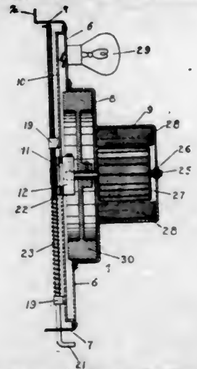
1. In a clutch for drivingly connecting driving and driven members, a pawl carrying structure connected to one of said members, a pawl receiving structure connected to the other of said members, a plurality of pawls carried by the pawl carrying structure and adapted for movement in response to rotation of the pawl carrying member, means carried by said pawl receiving member for receiving said pawls to positively connect said structures, yielding means urging said pawls to their disengaged position, said pawls having yoke portions, and means engaging said yoke portions for synchronizing movement of said pawls.

2,133,420

AUXILIARY LIGHTING APPARATUS

John E. Brooks, Rock Island, Ill.

Application February 11, 1937, Serial No. 125,259
3 Claims. (Cl. 240—10.5)



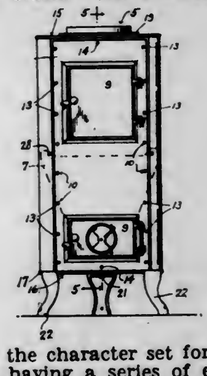
2. An auxiliary lighting device, comprising a support, a casing mounted on said support, a shaft rotatably mounted in said casing, an electric current producing mechanism in said casing, including parts operatively connected with said shaft, a bearing forming a support for one end of said shaft and rotatable independently thereof, means for rotating said bearing in a given direction for a limited amount of time, and means for imparting said rotation to said shaft to give an initial movement thereto, said shaft being independently rotatable at the end of said movement.

2,133,421

CAMP STOVE

Clarence E. Brown, Benton Harbor, Mich.

Application November 6, 1936, Serial No. 109,599
1 Claim. (Cl. 126—65)



A stove of the character set forth comprising a face plate having a series of equally spaced aligned bolt receiving apertures adjacent its longer edges and other bolt receiving apertures disposed midway between the first mentioned apertures adjacent its shorter edges, said face plate also having door openings therein, hinged doors covering the door openings, a substantially rectangular jacket having a series of bolt receiving apertures arranged along a straight center line located centrally between two opposite edges of the jacket, said apertures being disposed in pairs symmetrically with respect to the center line of the jacket extending between the remaining side edges, said jacket having other sets of bolt receiving apertures disposed symmetrically with respect to said lines and located adjacent the respective edges of the jacket certain of said apertures being adapted to register with companion apertures in the face plate, a lower head having bolt receiving apertures adapted to register with certain apertures in the face plate and jacket, an upper head having bolt receiving apertures adapted to register with certain other apertures in the face plate and jacket, a grate having apertures adapted to register with certain other apertures in the jacket and fastening elements passing through the aforesaid apertures for securing the component parts of the stove in set up condition.

2,133,422

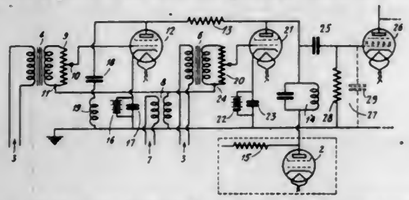
TELEVISION AND THE LIKE SYSTEM

Cecil Oswald Browne, West Acton, London, England, assignor to Electric and Musical Industries Limited, Hayes, England, a company of Great Britain

Application February 14, 1934, Serial No. 711,083
In Great Britain February 15, 1933
12 Claims. (Cl. 178—69.5)

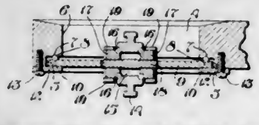
3. The method of transmitting and receiving images of objects wherein there are generated at

a transmitting station both synchronizing signals and trains of video signals having time intervals between successive trains which includes the steps of producing synchronizing signals in the form of a train of signals of a sub-carrier frequency, producing video signals, limiting the time duration of the synchronizing signals to a period at least no greater than the dur-



ation of the intervals of time between successive trains of the video signals, removing from the video signals that component thereof which corresponds to the sub-carrier frequency, and controlling in the receiver the delay or advance in time of occurrence of the synchronizing signals relative to the video signals in order to place the synchronizing signals in the time intervals between successive trains of video signals.

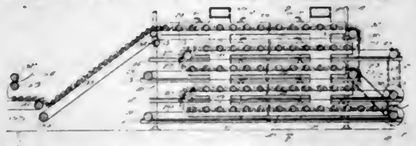
2,133,423
ATTACHMENT TO CURLING STONES
Ernest S. Burrow, Winnipeg, Manitoba, Canada
Application May 9, 1935, Serial No. 20,692
In Canada May 9, 1934
1 Claim. (Cl. 16—21)



A swivel assembly for use with a base plate removably attachable to the underside of a curling stone, the said plate being provided with a plurality of circular apertures adjacent the periphery thereof extending through said plate, the circumscribing wall of each aperture being stepped at a point medially of the thickness of the plate whereby the lower portion of each aperture is of a greater diameter than the upper portion, said assembly consisting of a circular rotatable plate provided with a circumscribing ball race, said plate being designed to be received within the lower portion of one of said apertures, ball bearings being positioned within said ball race, an annular retaining plate extending around said rotatable plate for retaining said rotatable plate in position, said retaining plate being secured to said base plate, said rotatable plate being provided with an offset aperture, a shank secured within and extending across said aperture, a pair of opposed cones extending around said shank and a freely mounted roller positioned between said cones.

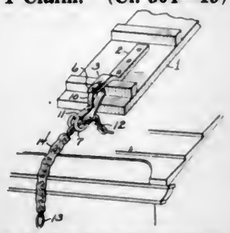
2,133,424
METHOD AND APPARATUS FOR DRYING
Ross H. Buckwalter, Joliet, Ill., assignor to Star Peerless Wall Paper Mills, Chicago, Ill., a corporation of Illinois
Application November 17, 1934, Serial No. 753,457
7 Claims. (Cl. 34—48)

6. A method of drying a continuous web of material comprising forming the same in a succession of folds, and carrying the folded web past streams of a drying medium directed against the opposite side edges of the web, the impact of the streams on each other while passing through the



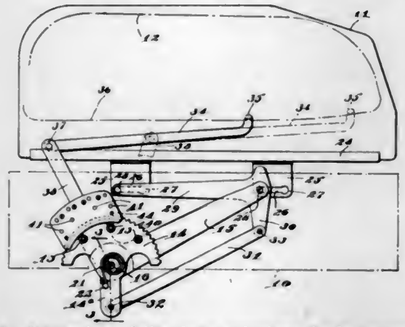
folds above and below the web imparting a shaking movement to the web and facilitating the drying action of the medium.

2,133,425
FASTENING DEVICE
Henning Carlson, Brockton, Mass.
Application June 15, 1937, Serial No. 148,405
1 Claim. (Cl. 304—19)



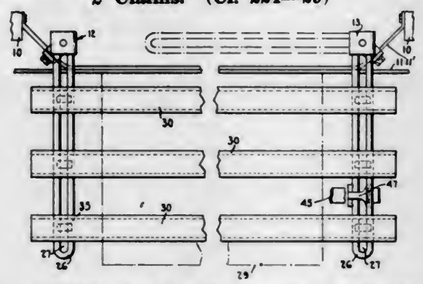
A fastening device for suspending scaffolds and the like from a roof, and comprising an attaching bracket having an angled portion provided with a slot therein, a hook member including a single hook portion for passage through the slot for connection with the bracket, a pair of parallel hook portions included in the hook member, a chain slidably mounted between the pair of hook portions and having links of a width to bridge the same for detachably connecting the chain thereto, spring retaining means secured to the hook member and engaged with the free ends of the hook portions thereof to prevent casual removal of the chain from the parallel hook portions and the hook member from the bracket, a protective covering for the chain and means on the chain for connecting scaffold suspending means thereto.

2,133,426
AUTOMOBILE WINDOW SASH LOCK
Daniel L. Chandler, Somerville, Mass., assignor to Aresee Company Inc., Salem, Mass., a corporation of Massachusetts
Application September 3, 1937, Serial No. 162,283
4 Claims. (Cl. 292—267)



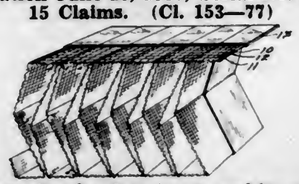
1. An automobile door window lock comprising, a semi-circular plate fixed to the frame of said door, a plurality of teeth located on the outside curved edge of said plate, the said teeth being V shaped and having an included angle of forty-five degrees, a pawl casing pivoted to said plate, the said pivot being radially disposed with respect to said teeth, the said casing having an open lower side slidably engaged over said teeth, oppositely disposed pawls pivoted within said casing and having right-angled free ends adapted to engage against one side of said V shaped teeth, a lever pivoted on said casing and provided with cam openings in its side, pins attached to said pawls engaging through the side of said casing in said cam openings of said lever.

2,133,427
LUGGAGE RACK FOR AUTOMOBILES
Edward T. Condon, New York, N. Y.
Application February 16, 1935, Serial No. 6,828
2 Claims. (Cl. 224—29)



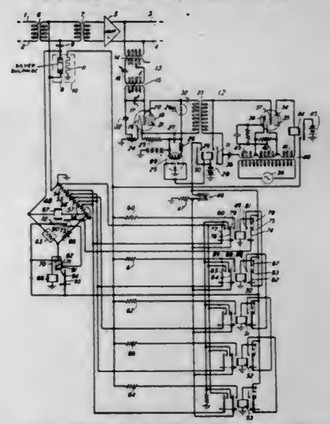
1. Luggage rack for attachment to an automobile bumper, comprising a pair of brackets, and a pair of U-shaped arms located in substantially the same horizontal plane parallel to the bumper, swingably supported thereon and affording respective longitudinal slots uninterrupted substantially from a bracket to the end of an arm for receiving holding means longitudinally slidable therein to accommodate varying widths of luggage and locate the same in proximity to the brackets.

2,133,428
CUSHION UNIT FORMING APPARATUS
Walter P. Cousino, Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application June 16, 1937, Serial No. 148,617
15 Claims. (Cl. 153—77)



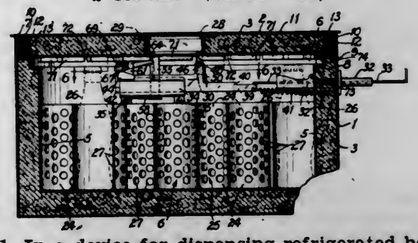
1. Apparatus for forming a cushion unit from resilient sheet-like material comprising a pair of rolls between which said material is receivable, a plurality of spaced outwardly extending vane members on each roll having a channel in its outer extremity, and a plurality of blades on each roll constructed and arranged to extend into the channel of a corresponding vane member on the other roll respectively during each complete rotation of said rolls for creasing said material during passage thereof between said rolls at selected locations and in respectively opposite directions relative to the plane of said material respectively and for conditioning the latter to assume a self-sustaining convoluted contour.

2,133,429
GAIN CONTROL CIRCUIT
Leslie R. Cox, Lyndhurst, N. J., and Donald M. Terry, Brooklyn, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application August 5, 1937, Serial No. 157,500
13 Claims. (Cl. 178—44)



1. In combination, a signal transmission line, an attenuation network on said transmission line comprising a resistance element having a high temperature coefficient of resistance, control means governed according to the energy level of the currents on the line for heating said resistance element to maintain the transmission line attenuation substantially constant, and means operative in case of an abnormal change in the energy level of the currents on the line for preventing operation of said control means and for independently heating said element to prevent change in the resistance thereof.

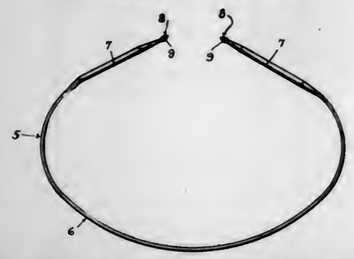
2,133,430
DISPENSING DEVICE
Willard R. Cox, St. Louis, Mo., and Milton M. Morris and William L. Pierce, Venice, Ill.
Application May 18, 1936, Serial No. 80,402
2 Claims. (Cl. 312—36)



1. In a device for dispensing refrigerated bottled goods, a heat-insulated enclosing means, means in said enclosing means defining a plurality of separate vertical bottle-receiving compartments, said bottle compartments being disposed in circular arrangement, said means also defining an ice-receiving compartment at the center of the circle of said bottle-receiving compartment, said enclosing means being provided on its top with a circular opening, a ring of channel-shaped cross section received in said opening, a heat-insulated circular cover mounted in and revolving in said ring and positioned above the said bottle compartment, lock means removably

securing said ring in position on said enclosing means, said cover having a discharge opening therein adapted to pass bottles to be dispensed, and to be positioned above said compartment, successively one at a time, upon rotation of said cover with respect to said enclosing means, and escapement means for rotating said cover with respect to said enclosing means, said escapement means being available for manipulation from the exterior of said enclosing means.

2,133,431
KNITTING NEEDLE
Leslie G. Craft, Oklahoma City, Okla.
Application August 10, 1936, Serial No. 95,216
1 Claim. (Cl. 66—117)



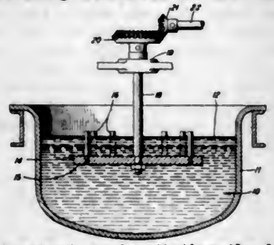
An article of manufacture in the form of a knitting needle formed from a substantially slender piece of material having its opposite ends merged into enlarged portions terminating at their opposite ends in heads comprising substantially elongated frusto-conical portions and having their minor portions of greater diameter than their major portions and disposed inwardly of lines passing cross-wise through points midway between the extremities of the heads.

2,133,432
COMPOUNDS OF THE PYRAZOLANTHRONE SERIES
Joseph Deinet, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 24, 1936, Serial No. 60,640
4 Claims. (Cl. 260—312)

1. The process which comprises condensing a 4-halogen-pyrazolanthrone with an arylamine of the benzene and naphthalene series and sulfonating the resulting product at temperatures not above 50° C.

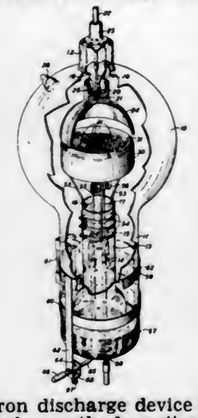
2,133,433
PURIFICATION OF LEAD
Louis Scott Deitz, Jr., Metuchen, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application November 27, 1936, Serial No. 113,036
4 Claims. (Cl. 75—78)

1. The method of removing oxidizable impurities from molten lead which comprises adding an alkali hydroxide fluxing material, oxidizing the impurities in the lead by adding an oxidizing agent from the group of sodium or potassium nitrate, sodium or potassium nitrite, sodium or potassium chlorate, in successive amounts, each successive amount being less than the preceding amount accordingly as the impurities decrease and each amount being substantially the maximum possible to be added at the time of addition without effecting oxidation of the lead to any



substantial extent, and agitating the lead as the oxidizing agent is added.

2,133,434
ELECTRIC DISCHARGE DEVICE
Charles Depew, Oakland, N. J., and Victor L. Ronci, Brooklyn, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application August 25, 1934, Serial No. 741,370
10 Claims. (Cl. 250—27.5)

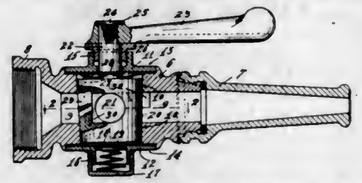


1. An electron discharge device comprising an enclosing vessel, a cathode unit supported from one end of said vessel, a metallic terminal sealed in said vessel at the other end, and a cup-shaped anode attached to said terminal, said unit comprising a metallic casing open at one end adjacent said anode and having substantially the same diameter as said anode, an axial support slidably extending into said casing, a plurality of segmented cathode sections extending radially within said casing, each of said sections being connected at one end to said casing and at the other end to said axial support, and an insulated rod extending through each cathode section, all the rods being adapted to elevate at an angle toward the axis of said sections during expansion thereof.

2,133,435
TEXTILE THREAD AND FABRIC
William Alexander Dickie and Robert Wighton Moncrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
No Drawing. Original applications May 17, 1932, Serial Nos. 611,922 and 611,924. Divided and this application October 20, 1936, Serial No. 106,614. In Great Britain June 4, 1931
10 Claims. (Cl. 117—21)

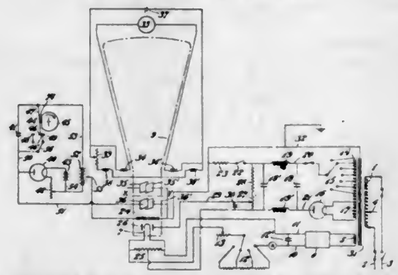
1. Process for the manufacture of textile threads, which consists in twisting the thread to a degree lower than a creping twist and applying a hot aqueous fluid to the thread during the actual insertion of said twist, the total twist applied to the thread being insufficient to impart creping power thereto.

2,133,436
FIRE HOSE NOZZLE
Laurits Dinesen, Minneapolis, Minn.
Application November 27, 1936, Serial No. 112,926
2 Claims. (Cl. 299—138)



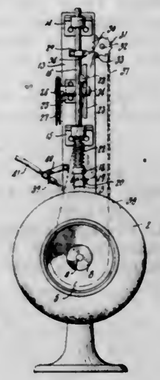
1. In a device of the kind described, a nozzle having an axial bore and a transversely intersecting valve seat, and an oscillatory valve in said seat, said valve seat having an auxiliary port leading from an intermediate portion of one side thereof to said bore on the delivery side of said valve, said valve having a transverse port adapted in one position to register with said bore and in another position to register with said auxiliary port, the diameter of the transverse port of said valve being the same as the diameter of said bore adjacent the opposite sides of said valve, said valve on one side of its transverse port being closed and at the opposite side thereof having at least one auxiliary port adapted to register with said bore on the receiving side of said valve and arranged so that the discharge therefrom will set up a whirl in said bore, when said valve is set with its transverse port registering with said auxiliary port.

2,133,437
APPARATUS FOR INDICATING THE VARIATION OF ONE QUANTITY RELATIVELY TO ANOTHER QUANTITY
Edwin Mathieson Dodds, Watford, England
Application March 30, 1933, Serial No. 663,499
4 Claims. (Cl. 73—185)



2. Apparatus for indicating the relation between pressure and time in the cylinders of internal combustion and like engines, comprising a resistance element operatively associated with the cylinder, the resistance of which is adapted to vary in accordance with the pressure in the cylinder, a cathode ray oscillograph, means whereby alteration in the value of said resistance causes a corresponding electromagnetic displacement of the cathode ray, a condenser coupled to deflecting plates in the tube of the cathode ray oscillograph, a voltage-saturated diode tube charging the condenser at a constant rate, a pivoted arm carrying a contact in electrical communication with one plate of the condenser, a contact in electrical communication with the other plate of the condenser, and a cam which is driven at crankshaft speed and which engages with said pivoted arm, whereby the said contacts are held closed during the greater part of one revolution and are held apart during the remaining part of the revolution.

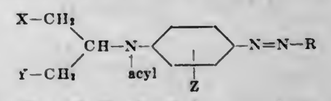
2,133,438
APPARATUS FOR SLITTING TIRE TREADS
Ernst Eger, Grosse Pointe Park, Mich., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application October 30, 1936, Serial No. 108,442
13 Claims. (Cl. 164—48)



1. In an apparatus for slitting treads of pneumatic tires, means for rotatably supporting a tire, cutting means comprising a support and a cutter blade attached to said support, a cam for moving the support radially away from the tire, and a spring operable for moving the support radially toward the tire.

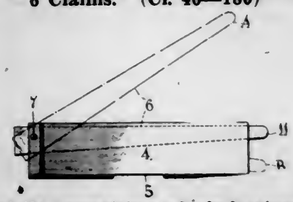
2,133,439
MONOAZO DYESTUFFS
Richard Fleischhauer, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application September 30, 1936, Serial No. 103,363. In Germany October 2, 1935
4 Claims. (Cl. 260—163)

1. The monoazo dyestuffs of the general formula:



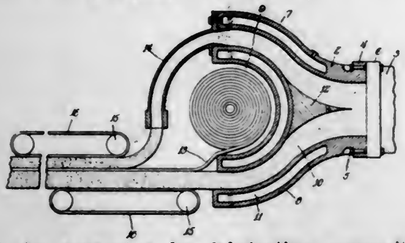
wherein X and Y stand for members selected from the group consisting of hydrogen and methyl, acyl stands for an acyl radicle of the aliphatic and benzene series, Z stands for a member selected from the group consisting of hydrogen and $-SO_3H$, and R means the radicle of a coupling component, which dyestuffs yield on fibers, especially wool and silk, clear yellow to yellowish red shades of good fastness properties and of very good levelling power.

2,133,440
WHISTLE
Frank Fortuna, Niagara Falls, N. Y., assignor of one-third to Guy Di Ruscio and one-third to Domenica Guarino, both of Niagara Falls, N. Y.
Application May 13, 1937, Serial No. 142,445
6 Claims. (Cl. 46—180)



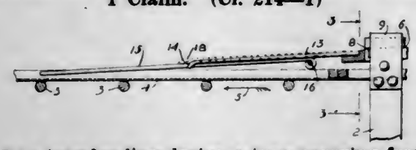
1. A whistle comprising a body having a chamber formed with a transverse air passage leading from a mouth opening, the chamber being open at the side opposite from the mouth opening, and a reed of a self-sustaining material pivotally mounted in the chamber for movement into and out of the chamber through the open side thereof, said reed having an end portion extended beyond the body to provide an operating tip by which it may be adjusted in the line of air flow.

2,133,441
APPARATUS FOR MAKING COMPOSITION STRIPS
Albert C. Fischer, Chicago, Ill.
Application February 19, 1930, Serial No. 429,557
4 Claims. (Cl. 154—1)



1. An apparatus for fabricating composition strips comprising an extrusion device including a head having a bore terminating in a plurality of outlets through which layers of plastic material are fed, and conduit means on the head for extending one of the outlets towards the other outlet and the layer issuing therefrom.

2,133,442
TRAY LOADING DEVICE
William L. Gerrans, Jr., Santa Clara County, Calif.
Application September 24, 1936, Serial No. 102,343
1 Claim. (Cl. 214—1)



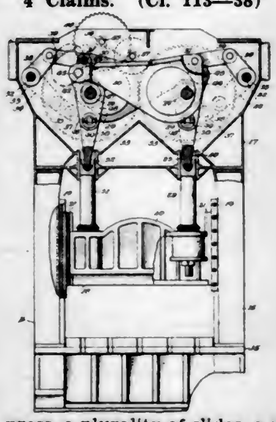
In a tray loading device, a tray-carrying frame, a transversely disposed support mounted thereover, a fruit slide comprising an assembly of laterally spaced members mounted on the support to extend downwardly into a tray thereunder, a chute having an assembly of laterally spaced members projecting from its discharge end in alternating relationship to the first members and substantially in the plane thereof, a sliding support for the discharge end of the chute, and shaker instrumentalities associated with the receiving end of the chute.

2,133,443
KNEE REST FOR AUTOMOBILES
Christian Girl, Detroit, Mich., assignor to Kelch Heater Company, Detroit, Mich., a corporation of Michigan
Application October 16, 1936, Serial No. 105,848
9 Claims. (Cl. 155—165)



1. A knee or leg rest for use in connection with an automobile having an instrument panel provided with a flange at the lower edge thereof comprising, in combination, a bracket fixed to said flange, an arm supported through said bracket and projecting therefrom, and a pad carried by the projecting end portion of said arm for contact with the leg of the driver of the automobile, the connection between said arm and said bracket being so constructed and arranged to permit said pad to be moved to concealed relation with respect to said instrument panel when not in use.

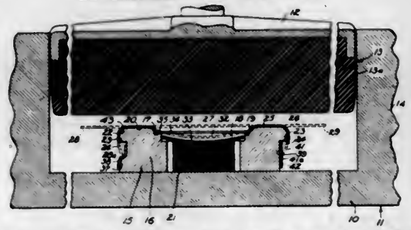
2,133,444
PRESS
Rudolph W. Glasner and Einar K. Johansen, Chicago, Ill.; said Johansen assignor to said Glasner
Application September 16, 1937, Serial No. 164,176
4 Claims. (Cl. 113—38)



1. In a press, a plurality of slides, a plurality of eccentrics, eccentric straps individual to the eccentrics, two sets of rocker members, said eccentric straps directly connected to one set of said rocker members, means forming connections between one of said sets of rocker members and one of said slides, means forming connections between the other set of rocker members and another of said slides, links pivotally connected at one end to the other set of rocker members and pivotally connected at the other end to the eccentric straps at points offset from the center

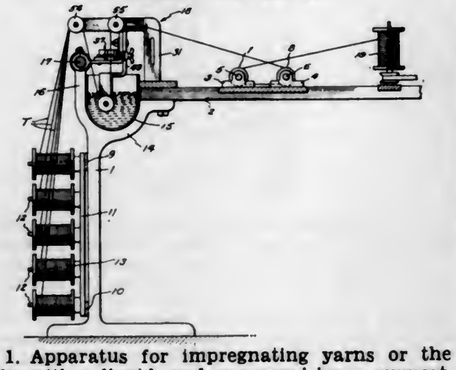
of the respective eccentrics, the said points moving in an elliptical path during operation of the eccentrics, said links being of such length that during the movement of said points about a substantial portion of its elliptical path they will pivot about their points of connection with the rocker members, whereby an extended period of dwell will be obtained in the slide.

2,133,445
METHOD FOR CUTTING AND FORMING SHEET MATERIAL
Henry E. Guerin, Los Angeles, Calif., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif., a corporation of Delaware
Application December 7, 1935, Serial No. 53,346
11 Claims. (Cl. 113—51)



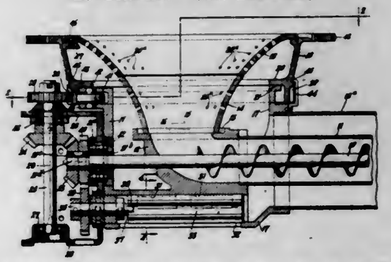
1. A method of cutting and shaping sheet metal, including: placing a sheet of metal over a die having a top wall, a side wall, a rounded corner between said top wall and side wall, said side wall comprising an upper sheet-engaging portion, a shoulder extending inwardly from the lower end of said portion, said sheet engaging portion and said shoulder merging in a cutting edge spaced a desired distance below said top wall, and a second sheet-engaging portion extending downwardly from said shoulder; applying pressure to said sheet of metal through a flowable material to cause a portion of said sheet to be bent to conform to the shape of said rounded corner, to hold said sheet of metal against said sheet engaging portions on opposite sides of said cutting edge, and to cause said metal to part along said cutting edge.

2,133,446
APPARATUS FOR IMPREGNATING YARNS AND THE LIKE
Eugene C. Gwaltney, Macon, Ga., assignor to Bibb Manufacturing Company, Macon, Ga.
Application October 9, 1935, Serial No. 44,300
5 Claims. (Cl. 91—32)



1. Apparatus for impregnating yarns or the like with a liquid, and compromising a support, means for drawing a yarn over said support, a tank containing said liquid, a rod on said support extending along said tank, a strap adjustable along said rod and extending over said tank, a nipper adjustable angularly and transversely on said strap, and means adjustable on said strap for guiding the yarn through said liquid nipper.

2,133,447
BURNER
Cortice H. Hall, Glen Rock, and Frederick Lee Hilder, Clifton, N. J., assignors, by mesne assignments, to Electric Furnace-Man, Inc., New York, N. Y., a corporation of New York
Application July 9, 1932, Serial No. 621,625
In Great Britain April 16, 1932
18 Claims. (Cl. 110—45)



1. An underfeed burner comprising a lower stationary burner plate, an upper rotatable burner plate, a stationary casing surrounding the lower portion of said burner and a rotatable casing surrounding and carrying the upper burner plate and providing a bearing surface, said plates and casings forming an air chamber therebetween, and a surface on said stationary casing constructed and arranged to contact with said bearing surface to serve as the sole support for said rotatable casing and provide a continuous sliding contact air seal between said surfaces.

2,133,448
JOINT FOR ELECTRICAL CONDUCTORS
Joseph J. Harley, Tenafly, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application July 23, 1936, Serial No. 92,122
7 Claims. (Cl. 173—268)

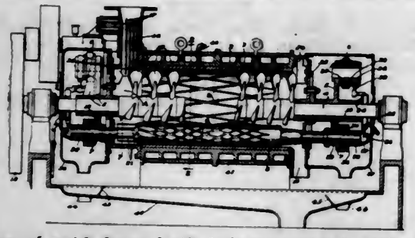


1. The method of connecting electrical tubular conductors, which method consists in placing a split sleeve of conducting material on the adjacent ends of the tubular conductors, and securing the ends of the sleeve on the ends of the tubular conductors by crimping a ring on each end of the sleeve and uniting the sleeve to the tubular conductors and the rings by soldering.

2,133,449
MACHINE FOR USE IN THE PREPARATION OF PAPER STOCK
Anton Joseph Haug, Nashua, N. H.
Application May 5, 1937, Serial No. 140,881
6 Claims. (Cl. 92—26)

1. In a machine for refining paper stock and the like, the combination of a drum having an

approximately cylindrical inner surface and adapted to hold a quantity of said stock, a plurality of rolls mounted in said drum and extending longitudinally thereof for engaging the stock and crushing it against said surface, means supporting said rolls for bodily rotation around the axis of said drum, for rotation around their individual axes, and for lateral movement toward and from the inner surface of said drum, the peripheral surfaces of said rolls and the inner sur-



face of said drum both being provided with depressions, the depressions of one being so disposed as to leave intervening lands falling opposite lands on the other as the rolls rotate around the axis of the drum, whereby the relative bodily rotation of the rolls in the cylinder revolves them around their own axes due to their contact with the stock and the crushing action of the rolls on the stock is increased.

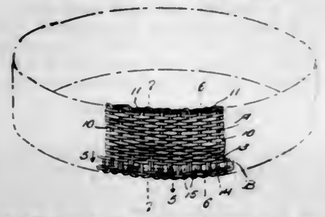
2,133,450

WICK FOR LIQUID FUEL BURNERS

Norman E. Heil, Ridgewood, N. J.

Application February 23, 1937, Serial No. 127,230

4 Claims. (Cl. 67—69)



2. A wick for a liquid fuel burner, comprising a double ply upper portion composed of horizontal warp strands interwoven with vertical runs of a continuous weft strand, said vertical runs of the weft strand being arranged in spaced pairs and extended beneath the lower edge of said upper portion in contacting engagement with each other and interwoven with spaced warp strands to provide the wick with a single ply lower portion having an annular series of spaced openings, and a continuous fuel conducting lower edge.

2,133,451

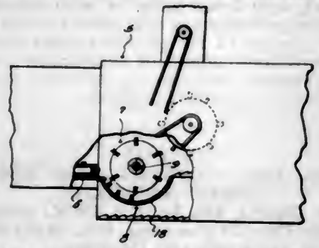
THRESHING MACHINE CYLINDER

George L. Heinlein, Hamilton, Ohio

Application September 25, 1937, Serial No. 165,755

1 Claim. (Cl. 130—27)

In a threshing machine, a threshing cylinder, said threshing cylinder comprising a pair of disk-shaped end members, said disk-shaped end members being formed with notches at their peripheries at equal circumferentially spaced intervals, elongated channeled members spanning the disk-shaped end members with the ends of the channeled members resting in the said notches, said channeled members provided with laterally disposed lugs at their ends for overlapping the disk-shaped end members, securing



means between the lugs and the end members, and brushes disposed in the said channeled members.

2,133,452

PROCESS FOR REFINING HYDROCARBON DISTILLATE OILS WITH BORON FLUORIDE

Amiot P. Hewlett, Cranford, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application December 30, 1933, Serial No. 704,765

1 Claim. (Cl. 196—44)

An improved process for refining hydrocarbon distillate oils having initial boiling points at least as high as that of kerosene and containing relatively small amounts of unstable constituents, comprising agitating the oil with sulphuric acid of substantially 100% strength in the presence of boron fluoride and separating the resulting sludge from the oil.

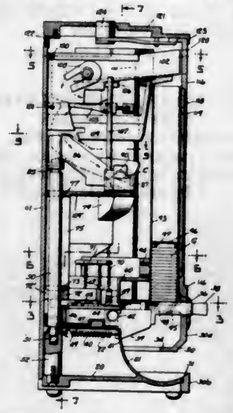
2,133,453

DISPENSING MACHINE

Fairfield W. Hoban, New York, N. Y., assignor to Stewart & McGuire, Inc., New York, N. Y., a corporation of New York

Application October 7, 1935, Serial No. 43,813

17 Claims. (Cl. 194—63)



1. A dispensing machine comprising a plurality of manually movable members radially disposed in a horizontal plane, spring means for holding each member in a normal position, a movable locking plate positioned in a horizontal plane and movable about a vertical axis, means on said plate coacting with each manually movable member for movement thereby when any such member is moved manually, a releasable latch for holding the plate against movement, means responsive to movement of a selected manually movable member out of its normal position for locking all the other manually movable members against movement, and means independent of said spring means for restoring the locking plate to latched position after said spring means has returned said manually movable member to normal position.

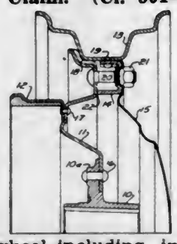
2,133,454

VEHICLE WHEEL

J Harold Hunt, Lansing, Mich., assignor to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan

Application July 8, 1935, Serial No. 30,261

1 Claim. (Cl. 301—37)



A vehicle wheel including, in combination, a rim having an annular surface and a side wall extending substantially radially therefrom, a U-shaped lug having its base located in substantially the plane of said side wall and its legs extending axially inwardly of the rim, one leg of the U-shaped lug being attached to the annular surface of the rim and the other leg being spaced therefrom and extending inwardly a greater distance than the leg attached to the rim, a wheel cover secured to the base of the lug, said wheel cover lying in substantially the plane of the said rim side wall and having its periphery adjacent the annular surface of the rim, a wheel body having a rim seat engaging the rim and an axially outer face in contact with the longer leg of the lug, and means securing the rim, lug and cover to the wheel body.

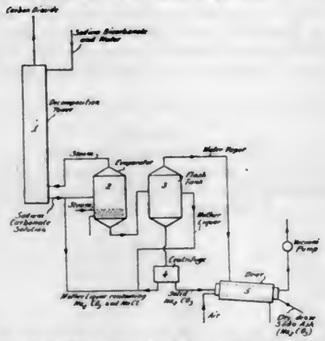
2,133,455

PRODUCTION OF DENSE SODA ASH

Paul A. Keene and Arlie P. Julien, Syracuse, N. Y., assignors to The Solvay Process Company, New York, N. Y., a corporation of New York

Application May 7, 1935, Serial No. 20,291

5 Claims. (Cl. 23—63)



1. The process for the production of crystalline dense soda ash from sodium bicarbonate which comprises boiling to evaporate a sodium carbonate solution containing another soluble substance from the group consisting of the salts and hydroxides of the alkali metals, said evaporation of the solution being carried out under a pressure in excess of atmospheric such that the transition temperature of monohydrated sodium carbonate to anhydrous sodium carbonate in contact with said solution is below the temperature at which the solution is evaporated and being continued until there is separated from the solution a solid product consisting of hard crystals of sodium carbonate having a composition substantially corresponding to the formula Na_2CO_3, withdrawing the steam evolved during the aforesaid evaporation of the sodium carbonate solution from the zone in which the solution is boiled and in a separate zone passing the steam in direct contact with a slurry of sodium bicarbonate to decompose the bicarbonate and to form sodium carbonate, discontinuing the evaporation of the solution at a time when said soluble substance is present in amount sufficient to lower said transition temperature to below the boiling point of the solution at atmospheric pressures, separating at a pressure not above atmospheric mother liquor from the crystallized anhydrous sodium carbonate while maintaining the carbonate at a temperature at which it remains as crystalline anhydrous sodium carbonate, and, in repeating the foregoing operations, introducing the sodium carbonate formed by decomposition of sodium bicarbonate into the mother liquor separated from the anhydrous sodium carbonate and boiling the thus formed solution of sodium carbonate containing the aforesaid other soluble substance to crystallize from the solution additional amounts of the aforesaid solid product consisting of crystals of anhydrous sodium carbonate and when there is any undecomposed sodium bicarbonate in the sodium carbonate introduced into the mother liquor and this bicarbonate is not decomposed by the presence of a hydroxide in the mother liquor, continuing the boiling of the solution until the bicarbonate is substantially completely decomposed to form said solid product consisting of anhydrous sodium carbonate.

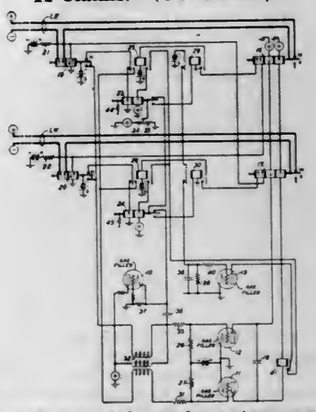
2,133,456

REGENERATIVE TELEGRAPH REPEATER

Fullerton S. Kinkead, Ridgefield Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application February 15, 1936, Serial No. 64,080

11 Claims. (Cl. 178—71)



1. A start-stop telegraph system comprising signal repeating relay means, a fast oscillatory

circuit for timing the operations of said repeating relay means, a slow oscillatory circuit for stopping the oscillations of said fast circuit after the production of a predetermined number of impulses, and relay means for directing the operation of said repeating relay means and for starting simultaneously said fast and slow circuits and for effecting the stopping of said fast circuit under control of said slow circuit, said fast oscillatory circuit comprising a gaseous discharge tube containing cathode, grid, and anode elements surrounded by a monatomic gas, a source of substantially constant potential connected between said grid and anode elements, timed circuit means for applying an intermediate potential to said cathode element and for varying said intermediate potential to render the cathode-anode circuit within said tube alternately conducting and non-conducting.

2,133,457

PROCESS OF REFINING PETROLEUM OILS TO PRODUCE WHITE OILS

Norman E. Lemmon, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana

No Drawing. Application January 22, 1937, Serial No. 121,826

10 Claims. (Cl. 196—40)

1. In the process of refining petroleum oils to produce white oils by exhaustive treatment with fuming sulfuric acid wherein the acid treated oil contains sulfonic acids whose soaps are difficultly removable by alcohol washing, the improvement comprising washing said acid treated oils with alcohol before neutralization until a major portion of the sulfonic acids is removed, subsequently neutralizing the oil with alkali and then extracting substantially all of the remaining sulfonic compounds by further alcohol washing, removing the alcohol from the oil and finishing the oil by contacting with fuller's earth.

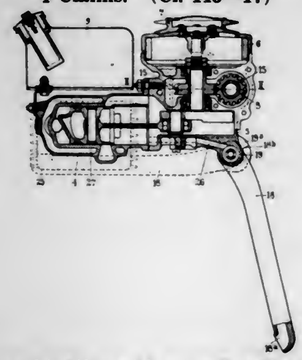
2,133,458

COOLING SYSTEM FOR SIDEBOARD MOTORS

Alfred Lesage, Schweinfurt, Germany

Original application November 2, 1933, Serial No. 696,303. Divided and this application December 29, 1936, Serial No. 118,167. In Germany November 5, 1932

4 Claims. (Cl. 115—17)



1. In combination with an outboard motor unit, including an internal combustion engine, a cooling jacket for said engine, a hollow propeller shaft communicating with said jacket, and a propeller having cooling water discharge apertures communicating with the interior of said shaft, a water admission pipe communicating with said jacket whereby cooling water will circulate successively through said pipe, said jacket and said shaft, and out through said apertures, said pipe being pivotally connected to said unit so that when swung vertically downward said circulation starts and when swung above the water level automatic discharge of the circuit takes place.

2,133,459

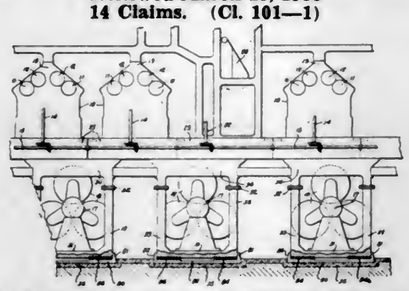
PRINTING PRESS

Stanley D. Livingston, Freeport, N. Y.

Application August 24, 1935, Serial No. 37,613

Renewed March 15, 1938

14 Claims. (Cl. 101—1)



1. A printing press installation including in combination a plurality of high speed rotary printing couples mounted in press side frames, a press foundation and means for vibrationally isolating the press from its foundation and for supporting the press on said foundation, said means comprising a plurality of spaced-apart resilient supports positioned between the press and foundation.

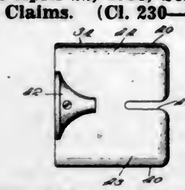
2,133,460

BLOWER STRUCTURE

Joseph S. Losee, Hebron, Ill.

Application April 22, 1936, Serial No. 75,848

4 Claims. (Cl. 230—134)



1. In a device of the character set forth, a fan comprising a rotatably mounted blade, said blade being of general rectangular shape but having its outer free end portions turned inwardly in the direction of rotation, and means for driving said fan.

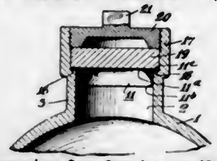
2,133,461

DRY ICE CONVERTER

Paul C. McAbee, New York, N. Y.

Application March 26, 1934, Serial No. 717,378

5 Claims. (Cl. 220—3)



1. In a converter for dry ice or the like, a container having an opening and an annular seat,

a closure for said opening, the wall of said closure being angularly related to the wall of said container, an annular gasket of soft giveable material seated in said seat and comprising an annular body having an annular, radial, inwardly projecting flange and an annular, axially projecting flange, said axial and inwardly projecting flanges having comparatively sharp free edges, said body bridging the joint between said closure and container walls, said annular, inwardly projecting flange being held against said closure wall and said axially projecting flange being held against said container wall by direct exposure to pressure generated within the container.

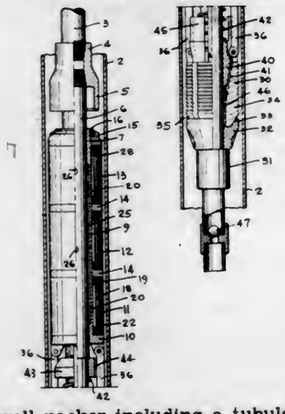
2,133,462

WELL PACKER

Fred McManis, Houston, Tex.

Application June 17, 1935, Serial No. 26,995

14 Claims. (Cl. 166—12)



1. A well packer including a tubular mandrel, a slip expander thereon, a sleeve on said mandrel adapted to move therealong, a plurality of slip segments connected to said sleeve and adapted to engage said expander when said sleeve and segments move relative to said mandrel, a plurality of packer rings on said sleeve adapted to be expanded radially by fluid pressure from within said mandrel and means for compressing said packer rings axially by the downward movement of said mandrel relative to said sleeve.

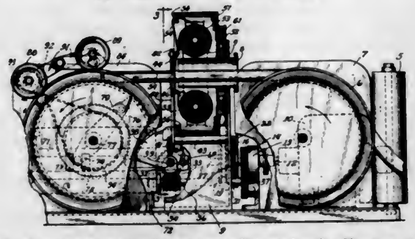
2,133,463

SAUSAGE-LINKING MACHINE

Louis A. Molin, Chicago, Ill., assignor to Visking Corporation, Chicago, Ill., a corporation of Virginia

Application August 24, 1935, Serial No. 37,661

20 Claims. (Cl. 17—34)



3. A sausage linking machine including a pair of spaced conveying rollers adapted to support a stuffed sausage casing therebetween, means for driving one of said rollers with a step by step movement to feed said sausage casing accordingly to stationary linking mechanism, said mechanism including a flexible loop-forming strip surrounding said casing between said rollers, means for drawing said loop tightly around said casing between feeding movements to form a constriction therein, and means for securing said constriction by applying securing means thereto.

5. Apparatus for choking a stuffed sausage for forming a constriction therein comprising a flexible strip, means for drawing said strip tightly around said casing, and a soft covering on said strip to protect said casing.

2,133,464

RESINOUS LIQUID COMPOSITION

Emil E. Novotny, Philadelphia, Pa., assignor, by mesne assignments, to Durite Plastics, Incorporated, Philadelphia, Pa., a corporation of Pennsylvania

No Drawing. Application July 14, 1936, Serial No. 90,489

11 Claims. (Cl. 260—57)

1. The method of making a resinous liquid for admixture with fillers and dry pulverized synthetic resins to produce a wet mixture which is self-convertible to a dry mix capable of being cold molded, which comprises mixing from 10% to 40% of a phenol-aldehyde reaction product wherein from 30% to 50% of the phenolic (OH) groups are inactivated, with from 20% to 70% of a phenol-aldehyde reaction product wherein only from 5% to 20% of the phenolic (OH) groups are inactivated, and adding alkali and water thereto to produce a homogenous liquid having a viscosity below 375 centipoises.

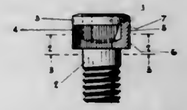
2,133,465

KNURLED SOCKETED SCREW

William Arthur Purtell, Hartford, Conn., assignor to The Holo-Krome Screw Corporation, a corporation of Connecticut

Application June 15, 1935, Serial No. 26,861

17 Claims. (Cl. 85—9)



1. A cap screw having a shank and head and having on the latter an upper peripheral closing off portion and a roughened lower peripheral portion closed off thereby and of substantially the diameter of said closing off portion.

2,133,466

METHOD OF AND APPARATUS FOR MAKING KNURLED SOCKETED SCREWS

William A. Purtell, West Hartford, Conn., assignor to The Holo-Krome Screw Corporation, a corporation of Connecticut

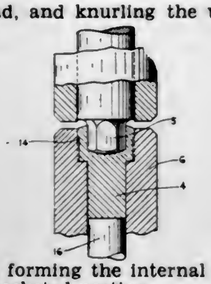
Original application June 15, 1935, Serial No. 26,861. Divided and this application April 7, 1937, Serial No. 135,506

25 Claims. (Cl. 10—10)

1. The step in making knurled socketed screws which consists in, knurling the screw while forming a socket in the same.

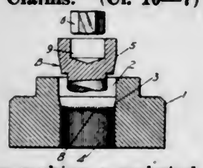
13. The method of making knurled socketed screws which consists in, upsetting the blank to

form the head, and knurling the upset portion



thereof while forming the internal and external walls of the socketed portion.

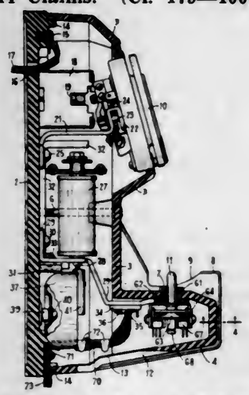
2,133,467
METHOD AND APPARATUS FOR MAKING KNURLED SOCKETED SCREWS
William A. Purtell, Hartford, Conn., assignor to The Holo-Krome Screw Corporation, a corporation of Connecticut
Application March 11, 1936, Serial No. 68,329
17 Claims. (Cl. 10—7)



1. The step in making a socketed screw which consists in, knurling the screw while reducing the diameter thereof and forming a turning socket in the screw.

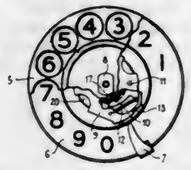
9. Apparatus for making socketed screws, comprising a tool for forcing a blank through a drawing die and forming a socket in said blank around said tool during drawing, and a drawing die having roughening means in the wall of the drawing aperture therein.

2,133,468
WALL TELEPHONE SET
Herbert F. Obergfell, River Forest, Ill., assignor to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application March 1, 1935, Serial No. 8,817
14 Claims. (Cl. 179—100)



9. In a telephone wall set including a handset, a base plate providing means for supporting a plurality of pieces of telephone apparatus including switching mechanism, a cover for said apparatus having a shelf portion for supporting said handset and enclosing said switching mechanism, an operating member for said switching mechanism extending through said shelf in operative relation to said handset, and means for supporting said cover on said base, said supporting means including a bushing for holding said operating member.

2,133,469
CALLING DEVICE
Herbert F. Obergfell, River Forest, Ill., assignor to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application September 5, 1936, Serial No. 99,547
7 Claims. (Cl. 179—90)



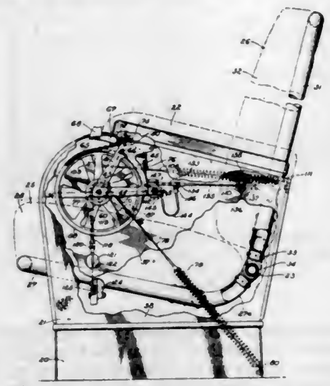
1. In a pawl and ratchet mechanism wherein the pawl is moved over successive teeth of the ratchet wheel, means for eliminating the clicking noise comprising an auxiliary ratchet wheel having teeth larger than the teeth of the first ratchet wheel for preventing engagement between the pawl and the back of the teeth of the first ratchet wheel.

2,133,470
TREATMENT OF ARTIFICIAL MATERIALS
Henry Charles Olpin and George Holland Ellis, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application November 21, 1936, Serial No. 112,076. In Great Britain December 5, 1935
4 Claims. (Cl. 8—14)

1. Process for the treatment of fabrics, films, foils and similar articles containing organic derivatives of cellulose, which comprises applying an effect material and a swelling agent to the articles so that selected areas contain both said effect material and swelling agent and other areas contain said effect material but no swelling agent, steaming the articles with dry steam for a time sufficient only to fix said effect material in the selected areas containing said effect material and swelling agent and subsequently removing said effect material from the other areas.

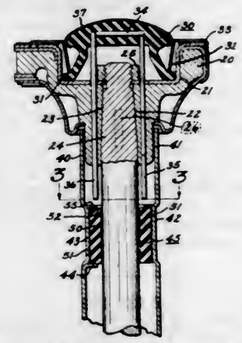
2,133,471
ADJUSTABLE CHAIR
Otto Fred Opperman, Santa Monica, Calif., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif., a corporation of Delaware
Application June 30, 1936, Serial No. 88,137
9 Claims. (Cl. 155—118)

1. In an adjustable chair construction, the combination of: an adjustable seat structure, which may be moved between raised and lowered positions; an adjustable back structure which may be moved between advanced and retracted positions; supporting means for said structures; an adjustment means connected to said structures, which is movable as a whole to effect simultaneous movement of both of said structures; releasable holding means to hold said adjustment means from movement as a whole; and operating means operatively connected with said ad-



justment means for so operating same as to move one of said structures.

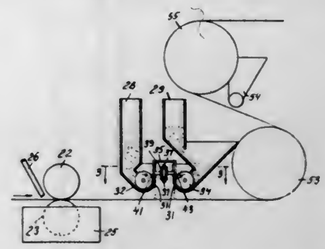
2,133,472
CONTACT ASSEMBLY
Leslie O. Parker, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application August 3, 1936, Serial No. 94,010
2 Claims. (Cl. 200—59)



1. In an electrical connector, the combination comprising a resilient bushing formed with a plurality of spaced recesses; an annular contact member having a plurality of prongs provided with head-portions of greater dimensions than the recesses, there being a prong received by each recess, the resiliency of the bushing clamping the prongs against the inner walls of the recesses yieldingly to hold the contact member and bushing in assembled relation.

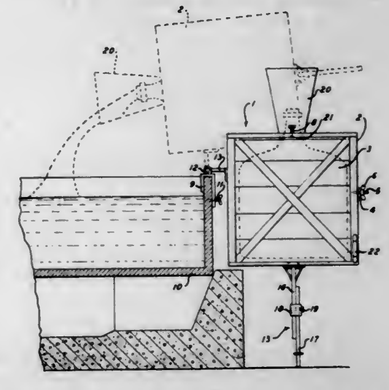
2,133,473
APPARATUS FOR SURFACING ROOFING
Benjamin S. Penley, Yeadon, Pa., assignor to The Barrett Company, New York, N. Y., a corporation of New Jersey
Application December 12, 1934, Serial No. 757,121
9 Claims. (Cl. 91—43)

6. Surfacing apparatus comprising in combination, two hoppers for containing granular surfacing material, said hoppers including discharge outlets, a member for controlling the flow of material from said hoppers, said member having the



general cross-sectional shape of an inverted U and having staggered projections on the sides thereof, said projections extending into said hopper discharge outlets.

2,133,474
DISPENSING APPARATUS
Robert Roscoe, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application September 16, 1937, Serial No. 164,145
11 Claims. (Cl. 221—69)

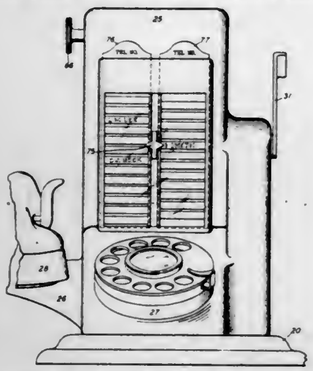


1. An apparatus for dispensing from a container into a receiver comprising a housing for said container, a supporting standard for said housing and means for securing said housing and standard in pivotal relation to a receiver into which said container is to be emptied.

2,133,475
CALL TRANSMITTER
Charles D. Richard, West New Brighton, Staten Island, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application April 30, 1935, Serial No. 18,985
15 Claims. (Cl. 179—90)

1. In a call transmitter, a spindle, a plurality of code elements mounted on said spindle, an independently operated impulse mechanism, means operatively associated with said elements for controlling the operation of said mechanism and means comprising a wheel having a ridge at its periphery formed with a worm driving portion

and a stopping portion for actuating said spindle



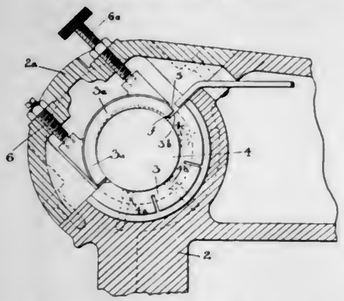
intermittently in timed relation with said mechanism.

2,133,476

MEANS FOR SUPPLYING LUBRICANT TO THE BEARINGS OF ROTARY SHAFTS AND THE LIKE

Joseph Dyson Scaife, Cross Hills, near Keighley, England, assignor of one-half to John Lund Limited, Eastburn, near Keighley, England

Application October 2, 1935, Serial No. 43,240
In Great Britain October 13, 1934
5 Claims. (Cl. 308—121)



1. In a lubricating bearing, a semi-cylindrical bushing having an edge beveled to form a reservoir for lubricant, the inner surface of said bushing having a plurality of hollows extending arcuately side-by-side from the beveled edge different distances toward the other edge and separated from each other by narrow areas of surface concentric with the axis of the bearing, each said hollow tapering gradually in depth.

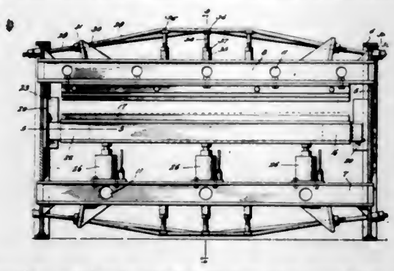
2,133,477

PLATE BENDING PRESS

Henry E. Schade, Camden, N. J.

Application June 23, 1937, Serial No. 149,950
4 Claims. (Cl. 153—21)

1. A machine of the class described comprising a supporting frame, a stationary member mounted on the frame, a movable member slidably mounted on the frame adjacent the stationary member and having a limited longitudinal tilting movement with respect thereto, coacting shaping dies carried by said members, a fixed bar coacting with the movable member, and pressure exerting jacks mounted on the fixed bar and adapted to be individually operated for forcing the movable member towards the stationary



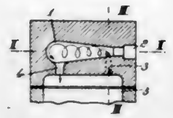
member and selectively tilting the movable member upwardly at one end.

2,133,478

INTERNAL COMBUSTION ENGINE

Karl Hans Schlaefke, Frankfort-on-the-Main, Germany, assignor to Adlerwerke vorm. Heinrich Kleyer Aktiengesellschaft, Frankfort-on-the-Main, Germany

Application October 21, 1936, Serial No. 106,727
In Germany October 31, 1935
8 Claims. (Cl. 123—33)



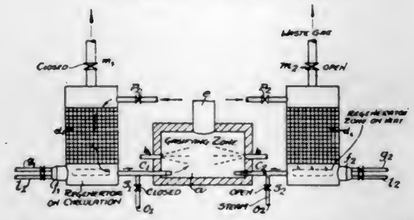
1. An internal combustion engine of the kind set forth, including a combustion chamber, conduits extending between said combustion chamber and the working space of the cylinder and providing independent paths of flow between them, at least one of said conduits offering a greater resistance to a flow towards the combustion chamber than to a flow in the opposite direction, whereas the remainder of said conduits offer a greater resistance to a flow towards the working space than to a flow in the opposite direction, and means for injecting fuel into said combustion chamber in a direction generally from said remainder of said conduits toward said one of said conduits.

2,133,479

METHOD FOR GASIFYING FINELY DIVIDED FUEL WITH CIRCULATING GAS

Hans Schmalfeldt, Kassel, Germany

Application November 7, 1935, Serial No. 48,729
In Germany November 26, 1934
3 Claims. (Cl. 48—202)



1. In the herein described process for gasifying finely divided carbonaceous fuel by periodically circulating gases in series through a regenerating zone and a gasifying zone and in the alternate periods reheating the gases in the regenerating zone to 700°–1600° C., the steps which comprise permanently choking the flow of the gas at a predetermined point of the path from the regenerating zone to the gasifying zone, producing a substantial pressure difference between said two zones during the circulation period, and introducing sealing steam into said path during the heating period.

2,133,480

PRODUCTION OF ETHERS SUITABLE AS DISPERSING AGENTS AND OF PREPARATIONS THEREFROM

Conrad Schoeller and Joseph Nuesslein, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application December 22, 1932, Serial No. 648,446. In Germany January 2, 1932
4 Claims. (Cl. 260—615)

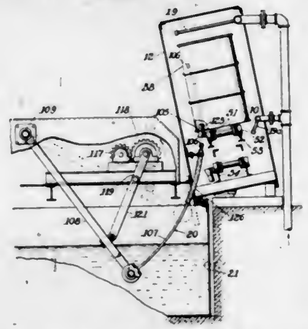
1. Dispersing, wetting, cleansing and softening agents suitable as assistants in the textile and related industries consisting essentially of an ether of one glycol selected from the group consisting of di-ethylene glycol and tri-ethylene glycol one hydroxyl group thereof being etherified with one unsaturated aliphatic radicle containing at least 8 carbon atoms.

2,133,481

BARREL WASHING MACHINE

Carl J. Schroeder, Hobart, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana

Application June 30, 1933, Serial No. 678,387
11 Claims. (Cl. 141—6)



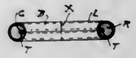
1. In a barrel washing machine, an endless conveyor, said conveyor comprising barrel supporting means located in a plane substantially 10° from the horizontal, and adapted to support a plurality of barrels in a tilted position with their bung holes lowermost, automatic means for advancing the conveyor a predetermined distance during a portion of each complete operating cycle of said machine, a plurality of spray nozzles, a plurality of arcuated swing pipes, said plurality of spray nozzles being mounted on said plurality of arcuated swing pipes, said plurality of arcuated pipes being secured to a pivotally mounted feed pipe, whereby said plurality of spray nozzles and said plurality of arcuated swing pipes are movably mounted in registration with certain of the tilted barrels of said conveyor when the conveyor is at rest, and means operable to move said nozzles within the interior of said barrels and to withdraw them during the remaining portion of said complete operating cycle.

2,133,482

COVERING METAL BUCKLES AND THE LIKE

Benedict Scuderi, Bayonne, N. J., and Charles Callari, New York, N. Y.

Application January 29, 1937, Serial No. 122,956
5 Claims. (Cl. 29—3)



2. A method of making buckle frames and the like consisting in bending a length of rod, having a longitudinal kerf therein, to the desired final shape of the frame to be made; applying adhesive to a strip of pliable covering material; adhering said adhesive and strip around the bent rod; finally tucking the margins of said strip into the kerf and allowing the adhesive to set when the strip and frame are in final shape.

2,133,483

METHOD FOR DETECTING ICE FORMATION

Thomas M. Shaw, Washington, D. C., and Lyle T. Alexander, Berwyn, Md.; dedicated to the free use of the Public

No Drawing. Application January 18, 1937, Serial No. 121,162
5 Claims. (Cl. 175—183)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

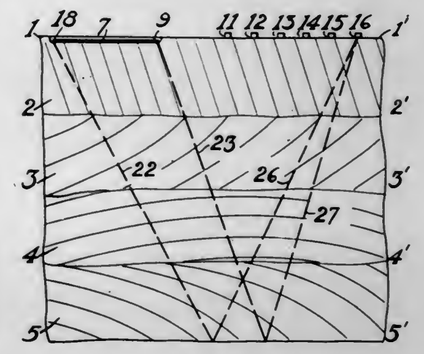
1. The method of determining the temperature of ice formation in various materials by determining their dielectric constant as a function of decreasing temperature of the material, noting the temperature at which the dielectric constant changes due to formation of ice.

2,133,484

USE OF A DISTRIBUTED CHARGE IN SEISMIC PROSPECTING

Stuart Sherar, Tulsa, Okla., assignor to Standard Oil Development Company, a corporation of Delaware

Application August 19, 1936, Serial No. 96,754
3 Claims. (Cl. 181—0.5)



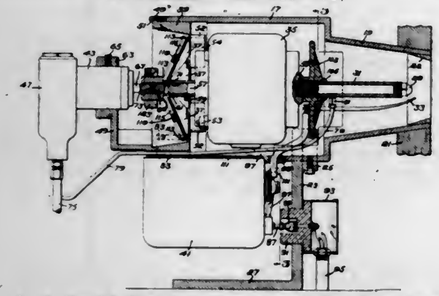
1. In seismic prospecting, the steps which comprise progressively creating explosive energy along a continuous line aligned with a receiving station and progressing toward the receiving station whereby a seismic wave-front is created which is progressively reflected from a subterranean earth stratum, and receiving the wave-front at the receiving station.

2,133,485

APPARATUS FOR BURNING LIQUID FUEL

Ralston M. Sherman, Glastonbury, and John Carlberg and George R. Neumann, West Hartford, Conn., assignors to The Silent Glow Oil Burner Corporation, Hartford, Conn., a corporation of Connecticut

Application December 27, 1935, Serial No. 56,334
14 Claims. (Cl. 158—76)



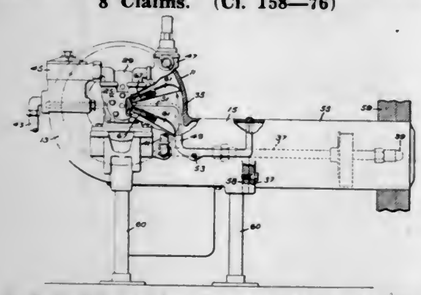
1. A liquid fuel burning apparatus having an air conduit for delivering air to a combustion chamber, a motor in said conduit, a supporting member for the motor adapted to be installed in or removed from said conduit, said member having arms connected to and supporting the motor in overhanging relation from said member but leaving an air admission passage to the air conduit, a nozzle in said conduit carried by said supporting member for delivering liquid fuel to said combustion chamber, and an air impeller axially aligned with and driven by said motor operatively mounted in said air conduit and also connected to said supporting member.

2,133,486

APPARATUS FOR BURNING LIQUID FUEL

Ralston M. Sherman, Glastonbury, and John Carlberg, West Hartford, Conn., assignors to The Silent Glow Oil Burner Corporation, Hartford, Conn., a corporation of Connecticut

Application January 27, 1937, Serial No. 122,650
8 Claims. (Cl. 158—76)



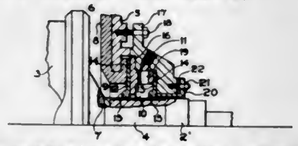
1. A liquid fuel burning apparatus having the following elements: a nozzle for delivering liquid fuel to a combustion chamber, an air delivery conduit for delivering air to said chamber, and a housing of generally cylindrical form with an air admission opening in an end wall thereof, said conduit being tangentially related to the discharge portion of the housing, said elements being in combination with a rotary bladed air impeller eccentrically mounted within the housing, the blades of said impeller normally effecting a substantial closure of the air admission opening at the air delivery side thereof but movable, when said impeller is rotated, in the direction of resulting air movement to a position within the space enclosed by said housing and effective for drawing air laterally through said orifice into the housing and discharging it through said conduit in a direction tangentially to the impeller blades, and a motor for rotating said impeller.

2,133,487

LIQUID SEALED ROTATING JOINTS

Richard James Spargo, Johannesburg, Union of South Africa, assignor to R. J. Spargo (Proprietary) Limited

Application July 2, 1936, Serial No. 88,652
In the Union of South Africa July 8, 1935
3 Claims. (Cl. 286—9)



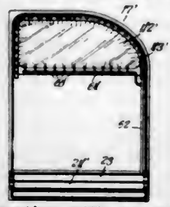
1. In an apparatus for handling gritty liquid of the kind comprising a stationary member, a member adapted to be rotated with respect to said stationary member and a liquid seal surrounding the joint between said two members and including a chamber adapted to be filled with a sealing liquid under a pressure somewhat higher than the pressure of the gritty liquid in the rotatable member, means within and secured to the chamber at the end of the chamber facing said rotatable member for allowing sealing liquid to pass out of said chamber and for preventing gritty liquid from entering the chamber, said means including a resilient member comprising a substantially bulb-shaped part adapted to be pressed by the pressure of the sealing liquid out of contact with said rotatable member and adapted to be pressed into contact with said rotatable member by the pressure of said gritty liquid, additional means at the other end of the chamber for preventing sealing liquid from passing out of the chamber, said means including a resilient member contacting with said rotatable member, and means for adjusting the pressure of said second resilient member with respect to said rotatable member against the pressure of the sealing liquid within said chamber.

2,133,488

HEATER AND HEATING SYSTEM FOR AUTOMOTIVE VEHICLES

Harry C. Stearns, Glen Ellyn, Ill.

Application March 29, 1937, Serial No. 133,595
5 Claims. (Cl. 98—2)



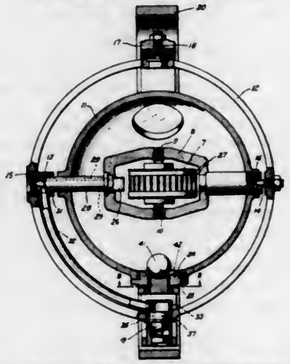
4. The combination with an automotive vehicle having a body provided with a side wall structure comprising an outer side wall and an inner side wall spaced inwardly therefrom, window means in said side wall structure, and means for heating air and circulating it through the space between the outer and inner side walls and for delivering a portion of the heated air circulated through said space into the interior of the vehicle and another portion of the heated air circulated through said space to said window means.

2,133,489

GYROSCOPE

Wesley L. Smith, Cranford, N. J., assignor to Eclipse Aviation Corporation, East Orange, N. J., a corporation of New Jersey

Application December 6, 1933, Serial No. 701,201
16 Claims. (Cl. 74—5)



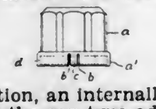
7. The combination with a gyroscope, of means including a single weight only brought into action by a disturbing force of limited magnitude acting on the gyroscope to produce a force for causing a torque to be applied to said gyroscope but completely ineffective to cause a torque to be applied to said gyroscope when said disturbing force exceeds said limited magnitude.

2,133,490

CAP OR STOPPER FOR BOTTLES OR LIKE CONTAINERS

Frederick Swannell, London, England, assignor to The Viscose Development Company Limited, Kent, England, a British company

Application June 5, 1934, Serial No. 729,049
In Great Britain June 29, 1933
12 Claims. (Cl. 215—7)



6. In combination, an internally threaded container closure of the cap type adapted to engage an external thread on a container and to normally completely cover the container opening, the said closure having an integral peripheral skirt portion below the thread constituting an externally visible readily breakable indicator, a gasket carried by the closure and adapted to directly engage the container to close and seal the mouth thereof, and a normally concealed device adapted to cooperate with the container and with the skirt portion of the closure and serving to break the latter when the closure is turned on the container in the direction to unscrew it.

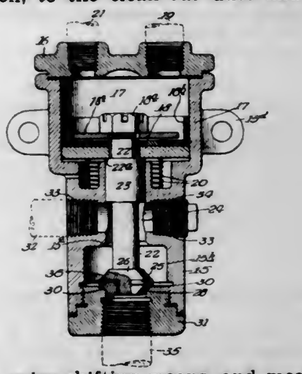
2,133,491

SANDING APPARATUS

Guilford S. Turner, Chicago, Ill., assignor to Morris B. Brewster Co. Inc., Chicago, Ill., a corporation of Illinois

Application May 24, 1937, Serial No. 144,392
5 Claims. (Cl. 291—11)

1. The combination with a sand-trap provided with a nozzle for a sanding blast and a duct for a cleaning blast, of a valve-casing, connections for delivering fluid under pressure to the casing and from the casing to the clean-out duct, valve-means slidably mounted in the casing, adapted to cut off the fluid to the clean-out duct from the casing and to control a cleaning blast of limited duration, to the clean-out duct and from



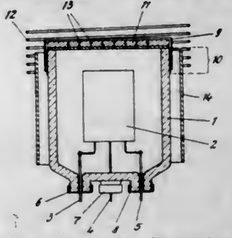
the casing, valve-shifting means, and means for flowing a small quantity of fluid from the casing to the clean-out duct after the valve-means has been operated to cut off the clean-out blast and during the operation of the trap.

2,133,492

METHOD FOR MANUFACTURING VACUUM VESSELS

Hans Vatter, Berlin-Charlottenburg, Germany, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a corporation of Germany

Application July 22, 1937, Serial No. 154,987
In Germany July 24, 1936
12 Claims. (Cl. 250—27.5)

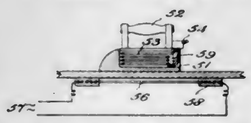


12. A method for manufacturing electric devices having a ceramic enclosure, a set of electrodes in said enclosure, conductors connected with said electrodes and traversing the wall of said enclosure and at least one sealed exhaust opening in the wall of said enclosure, comprising the steps of producing a sintered coating of high melting base metal on the surface portions of said ceramic enclosure adjoining the openings of said enclosure, inserting the electrodes and conductors into said container, sealing the joints between said coated surfaces and said conductors exclusively by hard solder, covering said exhaust opening by a perforated plate of high melting base metal having hard solder located near its perforations and near its joint with said enclosure, placing a plurality of thus prepared devices into an exhaustible container, producing in said container the low pressure conditions desired in said devices, and locally heating said plates within said conditioned container so as to cause said hard solder to form a tight bond between said plate and said enclosure and to seal the perforations of said plate while preventing said electrodes from excessive heating.

2,133,493
LUBRICATING COMPOSITION AND METHOD OF MANUFACTURING THE SAME
Jones I. Wasson, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application May 2, 1934, Serial No. 723,503
4 Claims. (Cl. 87—9)

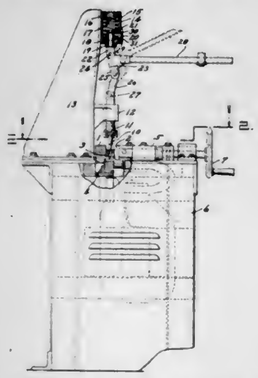
1. Lubricating composition comprising a viscous oil of decreased tendency to form surface films in absence of oxygen, prepared by polymerizing a semi-drying to non-drying oil, and containing 0.01 to 0.5% of a free element selected from the group consisting of sulfur, selenium, and tellurium added after the polymerization.

2,133,494
WIRELESSLY ENERGIZED ELECTRICAL APPLIANCE
Harry F. Waters, New York, N. Y.
Application October 24, 1936, Serial No. 107,375
5 Claims. (Cl. 219—25)



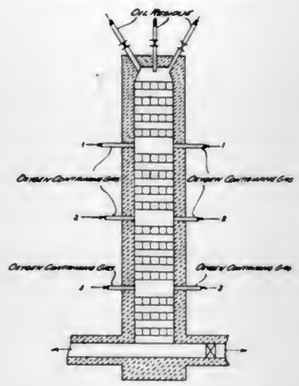
1. A wirelessly operated electrical flatiron comprising an ironing board constituted of an insulating material of such size and shape that a normal ironing operation may be carried out upon the same, an energy transmitting coil mounted on the underside of said board and substantially covering the complete surface thereof, means for supplying high frequency electrical energy to said coil, and a flatiron having a substantial metallic mass displaceable on the upper surface of said board and adapted to be heated by the eddy currents induced therein through the thickness of said board.

2,133,495
METHOD OF MAKING A HARD AND COMPACT METAL FOR USE IN FORMATION OF TOOLS, DIES, ETC.
Fay H. Willey, Detroit, Mich.
Application February 15, 1937, Serial No. 125,736
10 Claims. (Cl. 75—137)



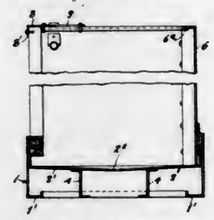
1. The method of making a hard, dense metal body for the formation of various devices such as described, which consists in reducing to finely powdered form a metal of the 6th group of Mendelejeff's Table in major quantity, a metal of the iron group in minor quantity, the presence of which reduces the melting point temperature of the alloy, a quantity of carbon less than that required to satisfy the avidity of the metal of the first group therefor, a small quantity of metal for enhancing the toughness and tensile strength of the body, placing a quantity of the powdered material in an open ended graphite crucible, positioning the same in a press having a plunger for entering the open end of the mold, placing a carbon button on the top of the material in the mold for engagement with the plunger, and submitting the material to heat as by means of an electric current and to pressure by means of the plunger in a series of steps of first a comparatively low temperature and pressure to start degasification of the materials, removing the plunger to permit an escape of the gases and then, through a succeeding series of more than two steps of increased pressure and heating and elimination of gases until a final step of high pressure and temperature at which the materials will alloy is attained.

2,133,496
GAS GENERATING PROCESS
Fritz Winkler and Paul Feiler, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
Application November 16, 1934, Serial No. 753,317
In Germany November 16, 1933
7 Claims. (Cl. 48—211)



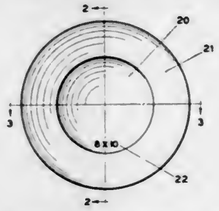
5. The process for producing combustible gases by treatment of fluid hydrocarbon materials at a high temperature at which deposition of carbon takes place, which comprises passing said materials through a chamber provided with heat accumulating filling material and periodically heated to a temperature sufficient for the conversion, to effect the conversion and deposit carbon on the filling material and after stopping the supply of said hydrocarbon material into said chamber and between two normal conversion periods passing from outside directly into the zone containing the main deposit of carbon an endothermically reacting gas containing in addition oxygen and finally passing the gases resulting from the contact of the oxygen containing gas with the deposited carbon into the parts of the chamber having a lower temperature in said zone.

2,133,497
METALLIC SHOWER-BATH CABINET
Frank T. Winston, Forest Hills, Long Island, N. Y., assignor, by mesne assignments, to Shower Sales Corporation
Application December 27, 1937, Serial No. 181,838
2 Claims. (Cl. 189—2)



1. A metallic bath cabinet embodying, in combination, base and pan members fastened together and provided with interlocking elements comprising vertically-extending flanges spaced to form inner and outer walls of an upwardly-opening groove extending around said base and pan members, and vertical wall members each having interlocking elements engageable with the interlocking elements of said base and pan members and comprising an outside welded strip having a downwardly-extending interlocking flange spaced from the outer surface of the wall and in interlocking position engaging within said upwardly-opening groove in the base and pan members, said wall having an uninterrupted surface extending on the inside of the cabinet below said interlocking members into contact with the bottom of the pan to shed water from the upper surface of said wall members to the pan and to prevent leakage of water sprayed within the cabinet to the outside thereof.

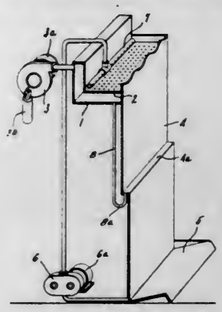
2,133,498
CONTACT LENS
Arthur F. Dittmer, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application August 21, 1937, Serial No. 160,205
5 Claims. (Cl. 88—54)



3. A contact lens comprising a transparent corneal portion and a toric scleral rim, said transparent corneal portion having the radii of the toric rim and the position of one axis of said rim etched on its inner surface.

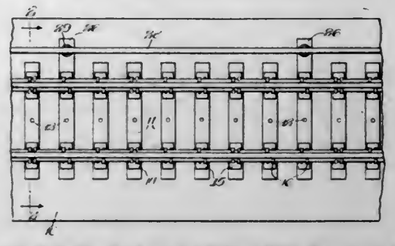
2,133,499
BUBBLE PRODUCING AND DISPLAY MEANS
David J. Dolan, Cleveland Heights, Ohio
Application December 12, 1936, Serial No. 115,558
27 Claims. (Cl. 46—8)

1. Apparatus for the purpose described comprising a container having a foraminous wall located higher than the container bottom, means for maintaining said wall wet with a film of soap solution to provide soap films at its foramens, and means for supplying a gas under pressure



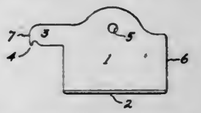
within said container to produce a mass of bubbles at the outer surface of said wall.

2,133,500
MODEL TRACK
Elliott Donnelley, Chicago, Ill., assignor to Scale Models, Inc., Chicago, Ill., a corporation of Illinois
Application March 19, 1937, Serial No. 131,850
3 Claims. (Cl. 238—10)



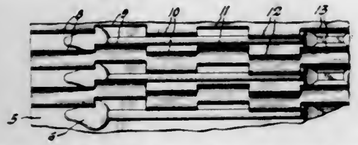
1. Model track for model railroads, comprising a plurality of ties, elongated sheet metal strips disposed on top of said ties, and rails mounted on top of said strips; said strips having lateral extensions at the locations of said ties projecting beyond the side edges of said rails and formed to simulate tie-plates, and further having connecting portions between said lateral extensions disposed in approximate contact with the under surfaces of said rails so as to be substantially hidden from view by said rails; and means for holding said strips to said ties, and other means for holding said rails to said strips.

2,133,501
PRINTER'S TOOL
William C. Edy, Geneva, Ohio
Application November 13, 1937, Serial No. 174,393
7 Claims. (Cl. 276—1)



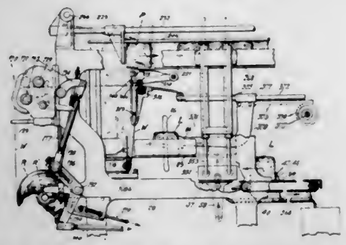
1. A printer's combination tool comprising a relatively thin, flat body portion having a relatively long, sharpened working edge at one side of the tool and a relatively narrow arm projecting from another side of the tool and having a hook at one corner at the terminal edge of such arm.

2,133,502
RADIATOR FIN STRUCTULE
Willard O. Emmons, Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application May 22, 1936, Serial No. 81,173
4 Claims. (Cl. 257—130)



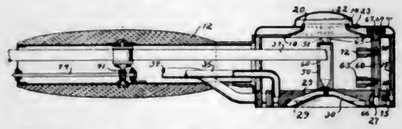
1. In a radiator, a set of water tubes connecting the upper and lower tanks; an intermediate indirect cooling strip of zigzag formation, between each of said water tubes, the portions of said intermediate strip between the apexes thereof having one or more sections on a plane with the ends of said portions; and having between said ends and said sections and between said sections, a succession of transverse plates punched and transversely severed from the strip portion of a width substantially equal to that of said sections, each of said plates being on a plane different from that of next adjacent plates and of said sections and of said ends, and each of said plates of one set being on a plane with a similar plate of another set.

2,133,503
BREAD WRAPPING MACHINE
Lester Ferenci, Brooklyn, N. Y., assignor to American Machine & Foundry Company, a corporation of New Jersey
Application May 5, 1934, Serial No. 724,151
48 Claims. (Cl. 93—2)



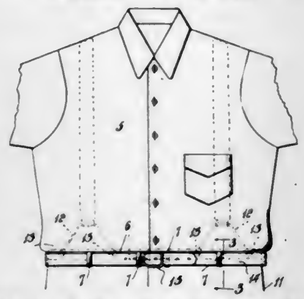
1. The combination with a delivery table, of a vertically reciprocable lifter movable up to and down from the level of said table, a guide on said lifter adapted to support a wrapper, a yielding tension plate slidably mounted on said lifter, a pair of spaced tuckers on said lifter, stationary rollers beneath said table, clamp levers provided with clamping rollers coacting with said stationary rollers to clamp the end of a wrapper projecting from said guide, whereby the wrapper is partially withdrawn from said guide during the descent of said lifter so that an article may be pushed, with the portion of the wrapper thus withdrawn, between said tuckers and against said tension plate to partially enfold the article in the wrapper, a floating rod arranged to bear down on the wrapper adjacent its clamped end and thus drape the wrapper down over the article during the ascent of said lifter, vertical guides for said rods, lugs on said lifter adapted to raise said rod against said clamp levers to lift them from said stationary rollers during the ascent of said lifter, a reciprocable pusher arranged to push said tension plate to deliver the partially enfolded article to said table and cause the free end of its wrapper to be wiped under the bottom of the article, drag rollers on said lifter above said guide, drag levers adjacent said table, an adjustable quadrant, and leaf springs carried by said quadrant and urging said drag levers against said drag rollers to exert a drag on the free end of the wrapper while the partially enfolded article is being delivered to said table, whereby the wrapper is "tightly" enfolded about the girth of the article.

2,133,504
METALIZING SPRAY GUN
Harold R. Forton, Detroit, Mich.
Application October 2, 1935, Serial No. 43,164
5 Claims. (Cl. 91—12.2)



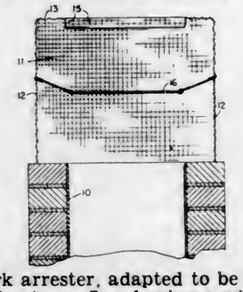
1. Means for spraying atomized molten metal comprising a housing incorporating a metal receiving crucible, heating means therefor and a discharge nozzle for melted metal directly connected to and integral with the receiving means, means for maintaining the nozzle in a heated condition, a blast discharge nozzle surrounding the metal discharge nozzle and arranged when in operation to aspirate the molten metal from the first mentioned nozzle and atomize and project such metal, said first mentioned nozzle projecting loosely through the blast discharge nozzle, and the crucible being free to move with respect to the housing.

2,133,505
SHIRT
Frederick M. Green, Sacramento, Calif.
Application October 7, 1936, Serial No. 104,549
1 Claim. (Cl. 2—106)



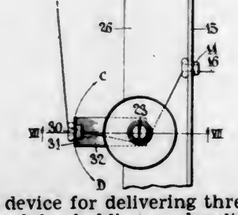
In a shirt of the character described, a shirt body of waist line length cut on a line at the waist line, belt guide loops carried by the waist line at the front, back and sides thereof with the major portions of the loops free from and projecting below the lower edge of the shirt and said loops adapted to receive a belt with the lower edge of the belt projecting below the lower edge of the waist line to conceal the lower edge of the waist line, the waist line of the shirt including a facing band, the upper ends of the belt guide loops being confined between the upper edge of the facing band and the shirt and the lower ends of the loops being secured between the lower edge of the facing band and the shirt.

2,133,506
SPARK ARRESTER
Henry Giese, Ames, Iowa
Application August 9, 1937, Serial No. 158,185
2 Claims. (Cl. 183—65)



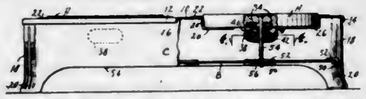
1. A spark arrester, adapted to be mounted on a chimney having a flue, having a wire mesh end and side walls and top, the top being open at its central part, an imperforate baffle plate positioned centrally in the arrester about midway between the top and bottom thereof, the free area around the baffle plate between it and the walls being substantially greater than that of the flue or the opening in the top and the area of the opening in the top being equal to or greater than the area of the plate.

2,133,507
WARP TENSIONING CONTROL
Archibald Taylor Guild, Saratoga Springs, N. Y., assignor to Van Raalte Company, North Tonawanda, N. Y.
Application April 13, 1934, Serial No. 720,464
6 Claims. (Cl. 242—131)



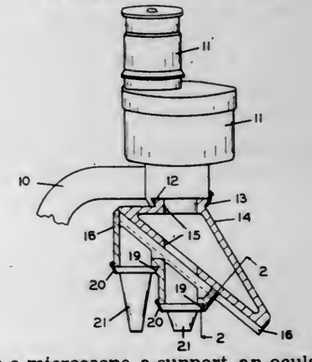
1. In a device for delivering thread under tension, a creel for holding a plurality of packages of thread, an eyelet bar having eyelet guides for guiding threads passing from the packages, tensioning means comprising an upper and lower disc adapted to receive a thread therebetween, one of said discs being rotatable, a post attached to said eyelet bar and engaging said means, a bar member pivotally attached to the post, and means on said bar for engaging a thread passing from said discs.

2,133,508
ELECTRIC STOVE CONSTRUCTION
William E. Gundelfinger, St. Louis, Mo., assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri
Application May 13, 1935, Serial No. 21,175
12 Claims. (Cl. 219—37)



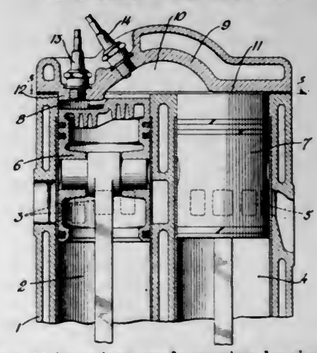
12. In a stove construction, a vertical wall element, a horizontal top plate supported by the upper edge thereof, a bottom plate spaced below said top plate, said wall element having inward extensions, said bottom plate being positioned beneath and against said extensions, a heating element supported on said top plate, and means extending from said heating element to said bottom plate to retain said heating element against said top plate and said bottom plate against said extensions.

2,133,509
MICROSCOPE
Leigh B. Hall and Henry F. Kurtz, Rochester, N. Y., assignors to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application July 8, 1936, Serial No. 89,603
3 Claims. (Cl. 88—39)



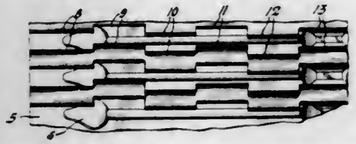
2. In a microscope, a support, an ocular carried by said support, a body member carried by said support beneath said ocular, a track on the lower surface of said body member, said track being longitudinally inclined at a substantial angle and transversely perpendicular to the optical axis of the ocular, an objective carrier slidably mounted on said track, said objective carrier having a plurality of guides in parallel stepped relation, perpendicular to the optical axis of the objective, and means for detachably securing objective lenses in said guides.

2,133,510
U-TYPE TWO-CYCLE ENGINE
George E. A. Hallett, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application October 30, 1936, Serial No. 108,343
4 Claims. (Cl. 123—53)



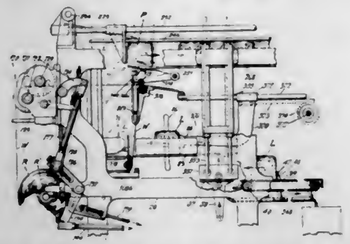
1. In a U type two cycle engine having a cylinder head with a combustion chamber common to

2,133,502
RADIATOR FIN STRUCTULE
Willard O. Emmons, Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application May 22, 1936, Serial No. 81,173
4 Claims. (Cl. 257—130)



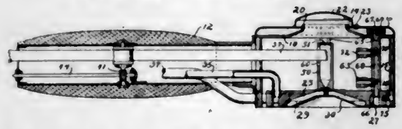
1. In a radiator, a set of water tubes connecting the upper and lower tanks; an intermediate indirect cooling strip of zigzag formation, between each of said water tubes, the portions of said intermediate strip between the apexes thereof having one or more sections on a plane with the ends of said portions; and having between said ends and said sections and between said sections, a succession of transverse plates punched and transversely severed from the strip portion of a width substantially equal to that of said sections, each of said plates being on a plane different from that of next adjacent plates and of said sections and of said ends, and each of said plates of one set being on a plane with a similar plate of another set.

2,133,503
BREAD WRAPPING MACHINE
Lester Ferenci, Brooklyn, N. Y., assignor to American Machine & Foundry Company, a corporation of New Jersey
Application May 5, 1934, Serial No. 724,151
48 Claims. (Cl. 93—2)



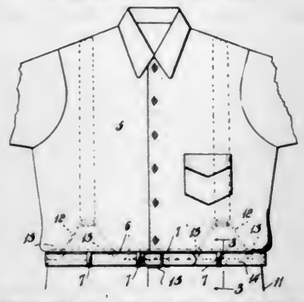
1. The combination with a delivery table, of a vertically reciprocable lifter movable up to and down from the level of said table, a guide on said lifter adapted to support a wrapper, a yielding tension plate slidably mounted on said lifter, a pair of spaced tuckers on said lifter, stationary rollers beneath said table, clamp levers provided with clamping rollers coacting with said stationary rollers to clamp the end of a wrapper projecting from said guide, whereby the wrapper is partially withdrawn from said guide during the descent of said lifter so that an article may be pushed, with the portion of the wrapper thus withdrawn, between said tuckers and against said tension plate to partially enfold the article in the wrapper, a floating rod arranged to bear down on the wrapper adjacent its clamped end and thus drape the wrapper down over the article during the ascent of said lifter, vertical guides for said rods, lugs on said lifter adapted to raise said rod against said clamp levers to lift them from said stationary rollers during the ascent of said lifter, a reciprocable pusher arranged to push said tension plate to deliver the partially enfolded article to said table and cause the free end of its wrapper to be wiped under the bottom of the article, drag rollers on said lifter above said guide, drag levers adjacent said table, an adjustable quadrant, and leaf springs carried by said quadrant and urging said drag levers against said drag rollers to exert a drag on the free end of the wrapper while the partially enfolded article is being delivered to said table, whereby the wrapper is "tightly" enfolded about the girth of the article.

2,133,504
METALIZING SPRAY GUN
Harold R. Forton, Detroit, Mich.
Application October 2, 1935, Serial No. 43,164
5 Claims. (Cl. 91—12.2)



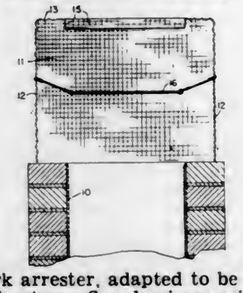
1. Means for spraying atomized molten metal comprising a housing incorporating a metal receiving crucible, heating means therefor and a discharge nozzle for melted metal directly connected to and integral with the receiving means, means for maintaining the nozzle in a heated condition, a blast discharge nozzle surrounding the metal discharge nozzle and arranged when in operation to aspirate the molten metal from the first mentioned nozzle and atomize and project such metal, said first mentioned nozzle projecting loosely through the blast discharge nozzle, and the crucible being free to move with respect to the housing.

2,133,505
SHIRT
Frederick M. Green, Sacramento, Calif.
Application October 7, 1936, Serial No. 104,549
1 Claim. (Cl. 2—106)



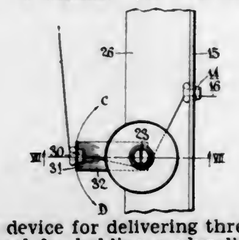
In a shirt of the character described, a shirt body of waist line length cut on a line at the waist line, belt guide loops carried by the waist line at the front, back and sides thereof with the major portions of the loops free from and projecting below the lower edge of the shirt and said loops adapted to receive a belt with the lower edge of the belt projecting below the lower edge of the waist line to conceal the lower edge of the waist line, the waist line of the shirt including a facing band, the upper ends of the belt guide loops being confined between the upper edge of the facing band and the shirt and the lower ends of the loops being secured between the lower edge of the facing band and the shirt.

2,133,506
SPARK ARRESTER
Henry Giese, Ames, Iowa
Application August 9, 1937, Serial No. 158,185
2 Claims. (Cl. 183—65)



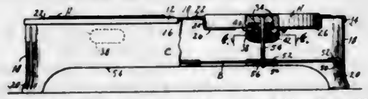
1. A spark arrester, adapted to be mounted on a chimney having a flue, having a wire mesh end and side walls and top, the top being open at its central part, an imperforate baffle plate positioned centrally in the arrester about midway between the top and bottom thereof, the free area around the baffle plate between it and the walls being substantially greater than that of the flue or the opening in the top and the area of the opening in the top being equal to or greater than the area of the plate.

2,133,507
WARP TENSIONING CONTROL
Archibald Taylor Guild, Saratoga Springs, N. Y., assignor to Van Raalte Company, North Tonawanda, N. Y.
Application April 13, 1934, Serial No. 720,464
6 Claims. (Cl. 242—131)



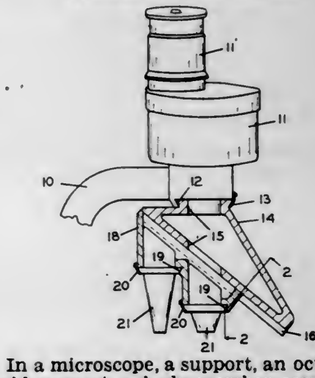
1. In a device for delivering thread under tension, a creel for holding a plurality of packages of thread, an eyelet bar having eyelet guides for guiding threads passing from the packages, tensioning means comprising an upper and lower disc adapted to receive a thread therebetween, one of said discs being rotatable, a post attached to said eyelet bar and engaging said means, a bar member pivotally attached to the post, and means on said bar for engaging a thread passing from said discs.

2,133,508
ELECTRIC STOVE CONSTRUCTION
William E. Gundelfinger, St. Louis, Mo., assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri
Application May 13, 1935, Serial No. 21,175
12 Claims. (Cl. 219—37)



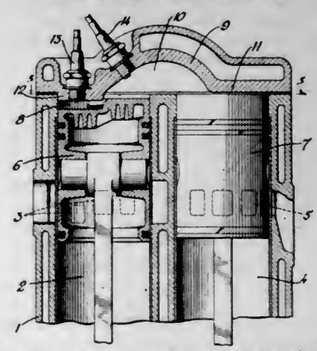
12. In a stove construction, a vertical wall element, a horizontal top plate supported by the upper edge thereof, a bottom plate spaced below said top plate, said wall element having inward extensions, said bottom plate being positioned beneath and against said extensions, a heating element supported on said top plate, and means extending from said heating element to said bottom plate to retain said heating element against said top plate and said bottom plate against said extensions.

2,133,509
MICROSCOPE
Leigh B. Hall and Henry F. Kurtz, Rochester, N. Y., assignors to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application July 8, 1936, Serial No. 89,603
3 Claims. (Cl. 88—39)



2. In a microscope, a support, an ocular carried by said support, a body member carried by said support beneath said ocular, a track on the lower surface of said body member, said track being longitudinally inclined at a substantial angle and transversely perpendicular to the optical axis of the ocular, an objective carrier slidably mounted on said track, said objective carrier having a plurality of guides in parallel stepped relation, perpendicular to the optical axis of the objective, and means for detachably securing objective lenses in said guides.

2,133,510
U-TYPE TWO-CYCLE ENGINE
George E. A. Hallett, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application October 30, 1936, Serial No. 108,343
4 Claims. (Cl. 123—53)



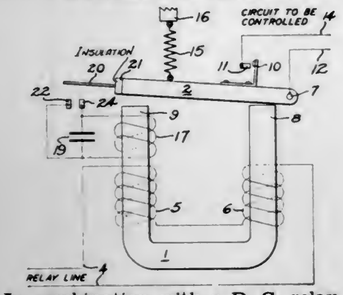
1. In a U type two cycle engine having a cylinder head with a combustion chamber common to

two cylinders respectively provided with inlet and exhaust ports, an inlet piston in the inlet cylinder and an exhaust piston in the exhaust cylinder, a pocket formed by a step in the head of the inlet piston, on that side thereof farthest away from the exhaust piston, said pocket cooperating with the inlet ports to carry a small idling charge of fresh mixture towards the combustion chamber on the compression stroke movement of the inlet piston, a lip on the cylinder head coacting with the pocket as the inlet piston approaches the end of its compression stroke, to segregate the small idling charge away from the diluting influence of the burnt gases compressed into the combustion chamber by the exhaust piston, and a spark plug in the cylinder head, to enter the pocket as the inlet piston reaches the end of its compression stroke, to fire the idling charge

2,133,511
DIRECT CURRENT RELAY

Ralph M. Heintz, Palo Alto, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware

Application October 30, 1936, Serial No. 108,431
5 Claims. (Cl. 175—320)

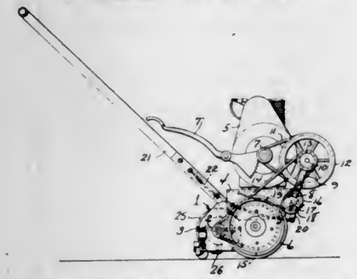


1. In combination with a D. C. relay energizing circuit, a relay comprising an electro-magnet having a core and a winding thereon connected to said circuit, a pole piece engageable with said core when said winding is energized, means operated by movement of said pole piece for completing a circuit to be controlled, a coil linking said magnet core, a condenser bridging said coil, and contacting means fixed to and insulated from said pole piece for short-circuiting said coil in a desired position as said pole piece is moved.

2,133,512
POWER DRIVEN LAWN MOWER

Frank Herge, Malinta, Ohio

Application August 10, 1936, Serial No. 95,266
3 Claims. (Cl. 56—26)

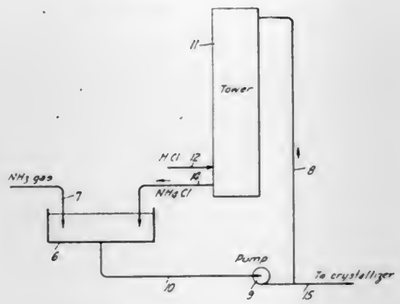


3. In combination with a lawn mower including a movable mounted handle and ground wheels and a rotatable cutter reel and a stationary cutter blade cooperating with said reel, a platform secured to the lawn mower, a prime mover supported by the platform, a shaft journaled to the platform, arms secured to said shaft, a driven shaft journaled on said arms, a pulley secured to said driven shaft, a belt connecting the pulley to the prime mover, an extension arm secured to the first-named shaft, a belt connecting the driven shaft and ground wheels, and a spring actuated belt tightening mechanism carried by the first-named shaft and engaging the last-named belt, and means including a rod connecting the extension arm to the handle, whereby movement of the handle to operative position imparts swinging movement to the driven shaft for moving the pulley away from the prime mover and from the spring actuated belt tightening mechanism for tightening the belts and movement of the handle to inoperative position moves the pulley towards the prime mover and the belt tightening mechanism for loosening the belts.

2,133,513
PROCESS OF MAKING AMMONIUM CHLORIDE

Wilhelm Hirschkind, Berkeley, Calif., assignor to Great Western Electro-Chemical Company, a corporation of California

Application January 10, 1936, Serial No. 58,528
3 Claims. (Cl. 23—100)



1. A process for producing ammonium chloride comprising maintaining an aqueous body at a temperature above about 70° C. and in such environment as to permit escape of gases from said body, circulating a stream from said body and passing the same through a tower countercurrently to a stream of gaseous HCl, returning said stream now containing about 20 grams per liter of HCl to said body, and adding ammonia to said body to react with any HCl in excess of that required to keep said body appreciably acid, removing a portion of said body, and cooling to crystallize ammonium chloride therefrom.

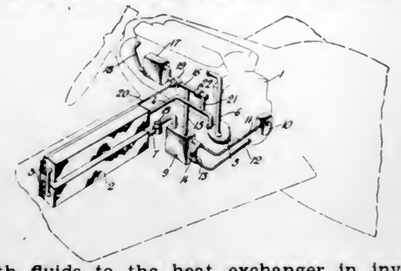
2,133,514
ENGINE COOLING SYSTEM

John Ralph Holmes, Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application September 30, 1936, Serial No. 103,320
13 Claims. (Cl. 123—178)

1. A heat transfer system of the character described, including a heat exchanger adapted for the transfer of heat from one fluid to another fluid, and means controlled by the temperature

of one of said fluids to vary the flow volumes of

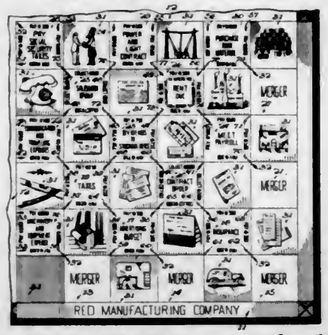


both fluids to the heat exchanger in inverse relation.

2,133,515
GAME APPARATUS

Charles Wallace Horton, Jr., Greensboro, N. C.

Application February 4, 1937, Serial No. 124,090
2 Claims. (Cl. 273—131)

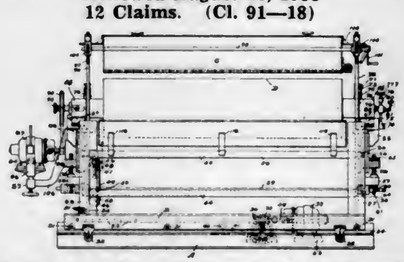


1. In game apparatus, spaced checkered "Home" and "Competitor" playing fields for receiving thereon "Home" and "Competitor" playing pieces, each checkered playing field comprising playing spaces, each playing field having a set of devices indicating the direction of movement of the "Home" playing pieces, the devices in said set pointing in different directions, each playing field also having a set of devices indicating the direction of movement of the "Competitor" playing pieces, the devices in the second named set pointing in different directions, the devices in one set being readily distinguishable in appearance from the devices in the other set without relying upon the direction in which the devices point.

2,133,516
COATING MACHINE

William C. Huebner, New York, N. Y.

Application September 4, 1936, Serial No. 99,447
Renewed August 13, 1938
12 Claims. (Cl. 91—18)

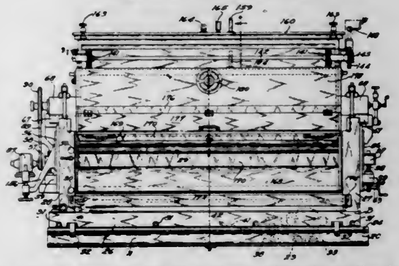


11. In a machine of the character described, the combination with a base; of a carriage comprising a bottom member and end standards; means for adjusting the standards relatively toward and from each other; means on said standards for rotatably supporting a cylinder to be coated; means for depositing a coating material on the cylinder while so supported; means for rotating the cylinder; and means for imparting reciprocatory movement to the entire carriage relative to the base.

2,133,517
COATING APPARATUS

William C. Huebner, New York, N. Y.

Application September 22, 1936, Serial No. 101,951
Renewed August 13, 1938
2 Claims. (Cl. 91—18)

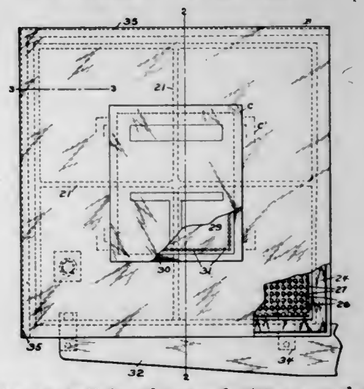


1. In apparatus of the character described, the combination with a base; of a carriage reciprocatingly mounted on the base; means for reciprocating the carriage on the base; means on the carriage for supporting and rotating a cylinder about a horizontal axis; a material container mounted on the carriage and disposed adjacent the cylinder, said container having a discharge slot orifice extending lengthwise thereof parallel to the cylinder axis; means for applying air pressure to material within the container; and heating means for the material within the container.

2,133,518
VACUUM HOLDER

William C. Huebner, New York, N. Y.

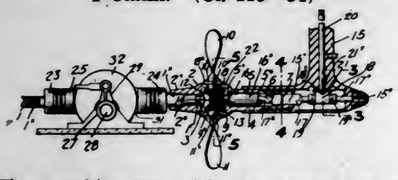
Application August 20, 1937, Serial No. 160,095
5 Claims. (Cl. 248—363)



2. As an article of manufacture, a relatively flat mask for a vacuum holder of the character described, said mask, on one side thereof, having a relatively thin air-sealing gasket secured thereto, said gasket surrounding and defining a hold-down area of predetermined extent less than the overall area of the mask, said hold-down area

being provided with a plurality of perforations therearound located inside of and relatively closely adjacent said sealing gasket, the remainder of the hold-down area within said perforations and the area outside of the sealing gasket, being imperforate.

2,133,519
REVERSIBLE PROPELLER
Alastair Peter Hunter, Orillia, Ontario, and August Eric Pearson, Toronto, Ontario, Canada
Application November 3, 1936, Serial No. 108,984
1 Claim. (Cl. 115—34)



The combination with the depending stern strut of a boat and the rotatable propeller, the blades of which are adjustable around their axis, of a longitudinally movable member, means operated thereby for imparting the required set to the propeller blades, a vertical control spindle mounted in the strut, a disc secured to the lower end of the strut, a projection extending from the lower face of the disc, a block mounted freely on the longitudinally movable member, a collar secured to such member at each side of the block, and a groove formed in the upper face of the block into which the disc projection slidably fits.

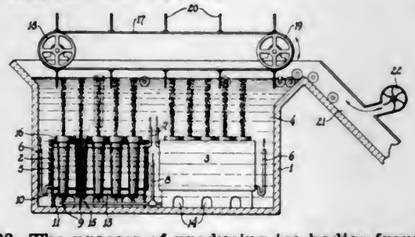
2,133,520
GASOLINE TANK CLOSURE MEANS
Oliver C. Ritz-Woller, Chicago, Ill.
Application March 17, 1933, Serial No. 661,298
8 Claims. (Cl. 220—86)



1. In a closure device for the gasoline tank of an automobile, the combination of a cap adapted to seat on the inwardly turned flange at the upper end of the filling spout of a tank, a spiral spring member mounted below said flange across said filling spout effectively closing the spout against insertion of a siphoning tube therethrough but permitting free entrance of gasoline through the spout, and means connecting said cap with said spiral spring member adapted to permit the cap to swing upwardly and sidewise into open position and serving thus to put at least a portion of said spring member under increased tension and serving automatically to hold said cap releasably in its open position.

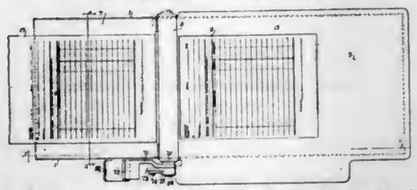
2,133,521
ICE MAKING APPARATUS
Reinhard Wussow, Charlottenburg, and Fritz W. Fechner, Hamburg, Germany
Application May 14, 1934, Serial No. 725,508
In Germany May 15, 1933
24 Claims. (Cl. 62—164)

21. In an ice making apparatus, the combination of a water tank, a sealed freezing and thawing tank in said water tank adapted to be entirely immersed in the body of water in said water tank, open ended molds mounted in said freezing and thawing tank with their ends opening through opposite walls of the latter, and means for conducting freezing and thawing agents through said freezing and thawing tank.



23. The process of producing ice bodies from a body of liquid which comprises the steps of confining a part of said liquid in a vertical column surrounded by a freezing surface, while maintaining contact between the top and bottom of said column and said body of liquid, surrounding said surface with a refrigerant to cause transfer of heat energy from the column to the refrigerant and thereby freeze the former, and releasing said column from said surface and thereby permit it to rise to the surface of the liquid by flotation.

2,133,522
AUTOGRAPHIC REGISTER
Clayton E. Wyrick, Wyandotte, Mich., assignor to The Egry Register Company, Dayton, Ohio, a corporation of Ohio
Application May 1, 1936, Serial No. 77,386
19 Claims. (Cl. 271—2.4)

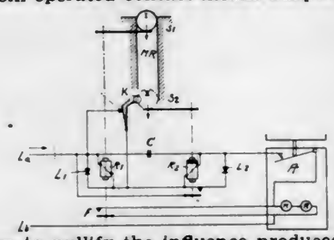


1. In an autographic register having feed means therein, means for causing operation of said feed means comprising manually operable means, means movable against resilient pressure by operation of said manually operable means, normally inoperative means for operatively connecting said means for causing operation of said feed means to said feed means, and a device associated with said normally inoperative means for rendering said normally inoperative means operative in response to the completion of a substantially full stroke only of said manually operable means.

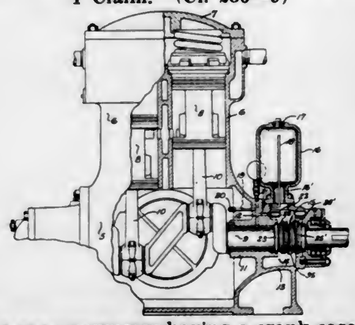
2,133,523
SWITCHING ARRANGEMENT IN COIN COLLECTORS FOR TELEPHONE SYSTEMS
Harald Valdemar Alexandersson, Stockholm, and Knut Hugo Blomberg, Appelviken, Sweden, assignors to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden, a company of Sweden
Application October 19, 1935, Serial No. 45,816
In Sweden October 23, 1934
9 Claims. (Cl. 179—6.3)

1. A telephone pay station connected to a line loop leading to the exchange, a speaking device and a relay set at the said telephone station, means to operate the said relay set through a reversal of the direction of the current in the line loop in order to put the said speaking device out of function when a called subscriber answers,

and coin operated contact means adapted at operation to nullify the influence produced by the current reversal upon the relay set.



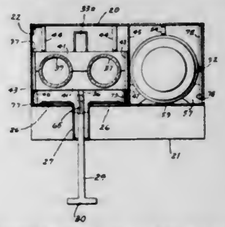
2,133,524
OIL SEAL AND RESERVOIR CONSTRUCTION FOR COMPRESSOR CRANKSHAFTS
Ernst S. H. Baars, Milwaukee, Wis., assignor to The Vilter Manufacturing Company, Milwaukee, Wis., a corporation of Wisconsin
Application February 1, 1937, Serial No. 123,418
1 Claim. (Cl. 286—9)



In a gas compressor having a crank case and a revolving shaft extending therefrom outwardly, an enclosure forming a seal chamber for an outer portion of the shaft, the crank case and seal chamber being adapted to contain fluid, an oil reservoir mounted above the seal chamber and connected therewith and also with the crank case to maintain a head of oil in the seal chamber, and a stuffing box within the enclosure and surrounding the shaft portion therewithin and submerged in oil, said stuffing box including a pair of stationary contact plates at opposite ends of the enclosure and through which the shaft passes, spaced inner rings loose on the shaft and each having surface contact with a contact plate, a pair of outer rings keyed to the shaft for longitudinal movement thereon and turning movement therewith, each outer ring surrounding and engaging an inner ring so as to turn the latter, adjacent portions of the respective inner and outer rings being recessed, packing rings surrounding the shaft and lodged in said recesses, and a coiled spring surrounding the outer rings and exerting force against both of the same in opposite directions to cause the outer rings to compact the packing rings against the inner rings and to force the inner rings against their contact plates.

2.133.525
VENDING MACHINE
Glen G. Barnard, Denver, Colo.
Application July 6, 1937, Serial No. 152,073
6 Claims. (Cl. 194—69)

1. In a vending machine in combination, a plurality of tablet-containing tubes interconnected by a bar, a reciprocable plunger including a stop normally contacting said bar to limit reciprocation, a seat in said plunger adapted to seat a coin vertically with its horizontal diameter below but with its top above the edge of said bar whereby to raise said bar and tubes when the plunger is projected beneath the bar, wings on said plunger adapted to remove tablets from beneath said tubes when the tubes have been raised, a shelf on said plunger adapted to normally support a nest of inverted cups but removable from under said nest by projection of said plunger when said coin is seated therein and means carried by the plunger for supporting all of said cups above the bottom cup when said shelf is removed from under the nest.

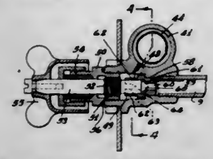


2,133,526
TWO HAND SAFETY LEVER
Freeman Barney, Grand Haven, Mich., assignor to The Challenge Machinery Company, Grand Haven, Mich., a corporation of Michigan
Application December 28, 1936, Serial No. 117,875
4 Claims. (Cl. 192—131)



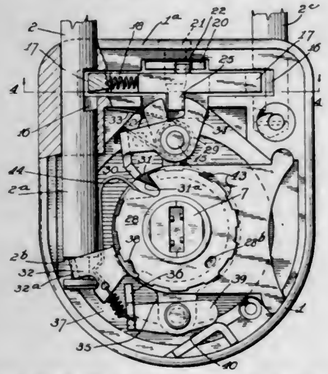
1. In combination, a pivotally mounted tubular lever, a ratchet associated therewith, a spring actuated dog normally engaging the ratchet, a rod located lengthwise of and within said lever for the major portion of its length, means connecting the rod with the dog whereby the dog is disengaged from the ratchet on longitudinal movement of the rod in one direction, a bar extending transversely through the lever, the upper end of said rod being pivotally connected to said bar, two bell crank handle members located in slots in opposite sides of the upper portion of said lever, one above the other, having oppositely extending arms, links connecting said arms with the ends of said bar, and means for pivotally mounting said bell crank levers, said levers having upwardly extending arms located in vertical slots in the upper portion of said lever.

2,133,527
VALVE FOR FUEL BURNER SYSTEMS
Carl Beckman, Detroit, Mich.
Application April 10, 1935, Serial No. 15,659
2 Claims. (Cl. 251—34)



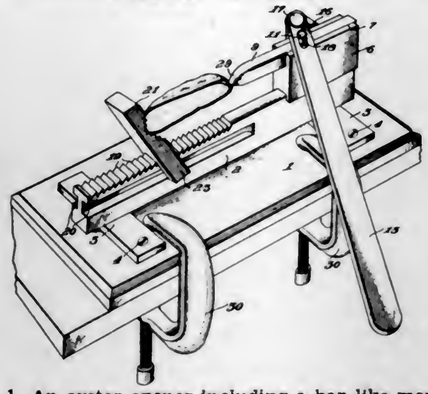
1. A metering valve comprising an integral body having two chambers therein, the first of said chambers having an inlet port adapted to have a liquid supply pipe connected thereto, said first chamber having an overflow port at its upper end, the second chamber being disposed in a plane below the upper end of the first chamber and having an inlet port connected to the first chamber at a point slightly below said overflow port whereby liquid flows as a result of gravity from said first chamber to said second chamber, said second chamber having an outlet port with a metering valve seat, and a manually operable valve in said second chamber adapted to cooperate with said valve seat.

2,133,528
KEY AND PERMUTATION OPERATED PADLOCK
Dillwyn M. Bell, River Forest, Ill., assignor to Dudley Lock Corporation, Chicago, Ill., a corporation of Illinois
Application December 5, 1933, Serial No. 701,022
15 Claims. (Cl. 70—25)



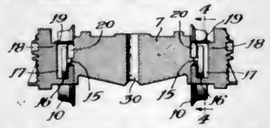
1. In a padlock including a case and a notched shackle slidable therein, a locking dog engageable with the notch of the shackle, the notch being wider than the portion of the dog which engages in it, thus permitting of an initial movement of the shackle toward unlocking position prior to withdrawal of the dog, permutation mechanism including a pawl and a plurality of notched tumbler disks rotatably adjustable for registering their notches with the pawl, and an additional notched disk coaxial with the others and normally blocking movement of the pawl but connected to be rotated by the said initial movement of the shackle through a distance sufficient to register its notch also with the pawl, permitting said pawl to enter the registered notches; and means by which such movement of the pawl shifts the dog to release the shackle.

2,133,529
OYSTER OPENER
Joseph E. Benson, Cedar Rapids, Iowa
Application March 15, 1937, Serial No. 131,080
5 Claims. (Cl. 17—9)



1. An oyster opener including a bar-like member formed in its upper surface at one end with teeth, the sides of the member having longitudinally ranging channels opening through the end of the member, a block carried by the member at the end opposite the teeth, a knife slidable in the block, a lever for operating the knife, and a jaw having sliding cooperation with the channels in the member and formed to engage any selected tooth to thereby determine the spacing of the jaw from the block, that face of the jaw next the block being formed with an oyster-receiving recess.

2,133,530
TRUCK ASSEMBLY FOR MODEL RAILWAY CARS
Sigurd Beutlich, Chicago, Ill., assignor to Scale-Models, Inc., Chicago, Ill., a corporation of Illinois
Application June 16, 1937, Serial No. 148,529
4 Claims. (Cl. 46—218)

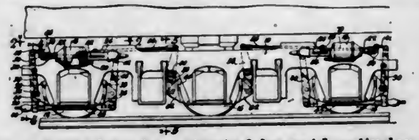


4. A truck assembly for use in the construction of models of railway cars and the like having in combination, axles, car wheels on said axles, a bolster having trunnions at its ends and said trunnions having enlarged portions at their outer ends, end frames holding the ends of said axles, said end frames being provided with recesses for said enlarged portions and being provided with slots for rotatably and slidably journaling said trunnions, and closure members snapped on said end frames over said recesses to prevent accidental displacement of said enlarged portions from said recesses whereby said bolster is secured movably between said end frames.

2,133,531
RAILWAY BRAKE RIGGING
Martin P. Blomberg, Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application March 10, 1937, Serial No. 130,003
18 Claims. (Cl. 188—46)

1. In a brake rigging for a pair of truck wheels, a live truck lever and a dead truck lever located

on opposite sides of one of the wheels, said levers being connected together by a tension rod, a second dead truck lever located adjacent the other wheel, an operating cylinder, a cylinder



lever adapted to be actuated by said cylinder, a fulcrum lever, a pull rod connecting said fulcrum lever with said cylinder lever, a member connecting said live truck lever with said cylinder lever, and a member connecting said second dead truck lever with said fulcrum lever.

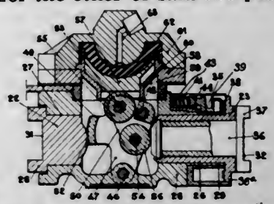
2,133,532
THIN-WALLED STEEL CASTING AND METHOD OF MAKING SAME
Alfred L. Boegehold, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
No Drawing. Application June 15, 1936, Serial No. 85,331
4 Claims. (Cl. 148—16)

1. The method of making a thin-walled ductile ferrous metal article of sheet metal thickness which comprises subjecting a thin-walled ferrous metal casting of sheet metal thickness of high carbon content having no free carbon and having vanadium present within the range .35% to .55% to the influence of a decarburizing gas at a high temperature until the casting contains substantially no combined carbon and no free carbon whereby the article may be heated up to 2100° F. without becoming mushy or undergoing permanent change in dimensions.

4. As a new article of manufacture, a casting having walls of sheet metal thickness of ductile, ferrous metal containing vanadium and having no free carbon and approximately no combined carbon whereby the article may be heated up to 2100° F. without becoming mushy or undergoing permanent change in dimensions, said casting having been formed by decarburizing substantially completely a casting having walls of sheet metal thickness of high carbon content cast iron containing no free carbon and having .35% to .55% vanadium, the decarburization having been carried out by subjecting the casting to the presence of moist hydrogen at a temperature within the range 1600°–2000° F. for a time sufficient to decarburize substantially completely the thin walled casting.

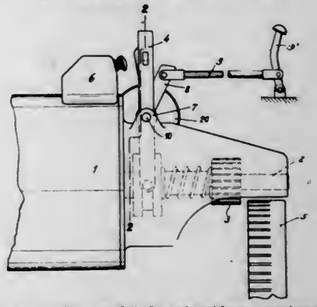
2,133,533
AUTOMATIC HEAT-COMPENSATED SLACK-ADJUSTING DEVICE
Louis Charles Brisson, Neuilly-sur-Seine, France, assignor to Societe des Freins Hydrauliques S. De Lavaud, Paris, France
Application February 15, 1936, Serial No. 64,071
In France August 8, 1935
9 Claims. (Cl. 188—79.5)

3. In a brake, an automatic adjusting device comprising a movement transmitting member, a receiving member and a connecting member between the transmitting member and the receiving member, means providing pivotal connection of said connecting member to at least one of the two other members, means whereby the rotation of the connecting member modifies the spacing between the transmitting member and the receiving member, a ratchet connection comprising two parts, the first part being a ratchet wheel and the second part being a spring pressed pawl engaging said ratchet wheel, means for connecting one of the said two parts to the connecting member, a movable supporting member for the other of said two parts, resilient



means tending to move said supporting means against the part connected to the connecting member, a movable stop member tending to check the motion of said supporting member, a thermostat operated by the temperature of the brake and acting on said stop member to vary the amount of movement of said supporting member according to said temperature.

2,133,534
ENGINE STARTING APPARATUS
Albert Callsen, Stuttgart-Botnang, Germany, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany
Application February 2, 1937, Serial No. 123,624
In Germany February 10, 1936
6 Claims. (Cl. 123—179)



1. In a motor vehicle starting system including a starting switch and a starting pinion, means for jointly closing said switch and moving said pinion into starting position, a control pedal, a coupling linkage between said pedal and said means, a power element responsive to engine operation for controlling said linkage whereby said linkage is maintained inoperative during engine operation, means for holding said linkage in an inoperative position upon the stopping of the engine, and releasing means operable by one movement of said control pedal to restore said linkage to operative condition and by a second movement of said pedal to actuate said switch closing means.

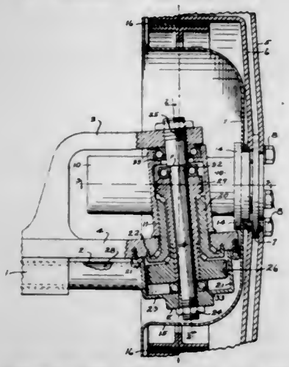
2,133,535
TREATMENT OF SCHAPPE THREAD BANDS OF ARTIFICIAL SILK, AND APPARATUS THEREFOR
Giovanni Campolunghi, Rome, Italy, assignor to Societa Anonima Minerva, Rome, Italy, a limited company of Italy
Application November 26, 1935, Serial No. 51,702
In Italy November 26, 1934
7 Claims. (Cl. 8—151)

1. A process for improving the treatment of schappe bands of artificial silk in washing, sul-

phur-removing, bleaching, reviving and dyeing baths and the like, comprising passing the band substantially horizontally and substantially longitudinally thereof through the bath, and moving the ingoing and outgoing portions of said band at periodically alternating rates of speed out of phase with each other, whereby an auxiliary substantially transverse movement is imparted to the intermediate portions of said band during said passage.



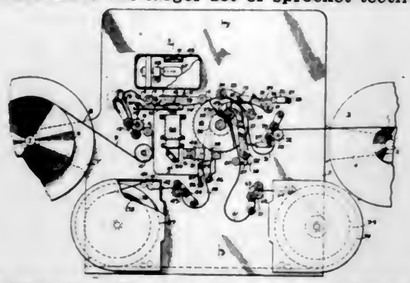
2,133,536
FRONT WHEEL DRIVE FOR MOTOR VEHICLES
Edward R. Canfield, Goodman, Mo.
Application February 13, 1937, Serial No. 125,551
2 Claims. (Cl. 180—48)



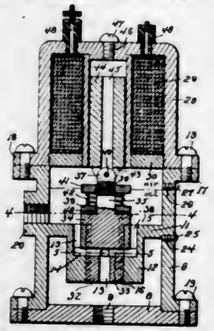
1. In a front wheel drive for motor vehicles, an axle housing, an auxiliary housing pivotally associated therewith by means of a king-pin, a wheel having rigid therewith a spindle, the spindle being rotatably mounted in the auxiliary housing and the king-pin being disposed centrally in the wheel, a drive shaft mounted in the axle housing, and a series of spiral gears drivingly connecting the drive shaft to the spindle, said gears comprising two gears journalled on the king-pin and having elongated hubs telescopically engaged and secured together against relative rotation, one of said two gears being driven by the drive shaft and the other driving the spindle.

2,133,537
OPTICAL REDUCTION PRINTER
Arthur W. Carpenter, New York, N. Y., assignor to United Research Corporation, Long Island City, N. Y., a corporation of Delaware
Application July 18, 1935, Serial No. 31,968
7 Claims. (Cl. 88—24)

1. An optical reduction printer comprising a pair of feed sprockets for films of different sizes, a pair of take-up reels for said film, a hold-back sprocket for each of said films, a common sprocket having sets of sprocket teeth of different diameters and adapted to advance said films intermediate said feed sprockets and said hold-back sprockets, free loops being formed between said common sprocket and said hold back sprockets, separated apertures at substantially right angles to one another, said films being advanced by said common sprocket at different speeds corresponding to the difference in sizes of said films past respective apertures, and means positioned intermediate the larger set of sprocket teeth for maintaining a film on said smaller set of sprocket teeth, said means comprising pad rollers positioned within the circumference of said larger set of said sprocket teeth.



2,133,538
HYDRAULIC BRAKE HOLDING APPARATUS
Frank L. Darling, New York, N. Y.
Application April 28, 1938, Serial No. 204,902
24 Claims. (Cl. 188—265)

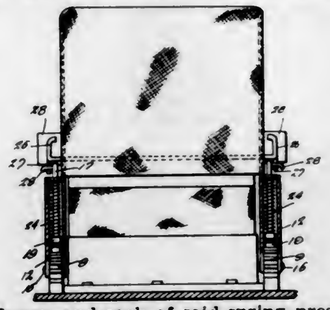


1. In hydraulic brake apparatus embodying a brake applying cylinder, and an oil line from the cylinder to the brakes, of electrically controlled means connected in the oil line for holding the fluid against return flow after application of the brakes and release of the brake applying force at the cylinder, said means including a valve and a casing therefor through which the brake fluid passes to the brakes, and a trapped-air spring located in the casing, against which spring the fluid pressure is in part exerted.

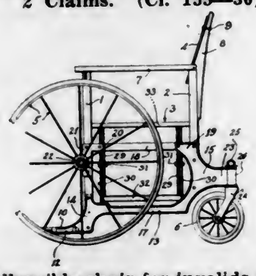
2,133,539
CONVERTIBLE VEHICLE SEAT
Ira B. Denton, Mosca, Colo.
Application June 1, 1937, Serial No. 145,879
2 Claims. (Cl. 155—7)

1. In a seat, a stationary seat section, a backrest, means pivotally supporting said backrest, whereby said rest may be swung to different positions of adjustment relative to said stationary seat, the supporting means for said backrest including fixed rack segments mounted at opposite sides of the stationary seat section, yoke-like assemblies having shank portions secured to the backrest at opposite side edges of said backrest, and also having leg portions straddling said rack segments and pivoted to said segments, and spring pressed dogs slidably mounted on said yokes and

engageable with said rack segments for securing the backrest at the desired position of adjustment, a latch rod rotatably mounted on said backrest adjacent the lower edge of the latter and having ends extending beyond the side edges of said backrest, said latch rod at each end thereof being provided with an integral handle and an integral latch finger, and each of said spring-pressed detents having a hook extending laterally therefrom and arranged in the path of a latch finger whereby upon rotative movement of said latch rod in one direction, said dogs will be moved out of engagement with said rack segments whereby said backrest is free to swing to a desired position of adjustment.



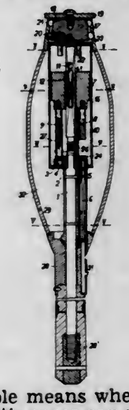
2,133,540
COLLAPSIBLE CHAIR FOR INVALIDS
Fred H. Jacobs, Upland, Calif.
Application July 5, 1935, Serial No. 29,964
2 Claims. (Cl. 155—30)



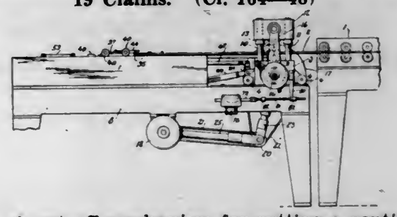
1. A collapsible chair for invalids comprising a pair of side frames, each having a front leg and a back leg, rigid metal members mounted on said frames and comprising horizontal portions disposed between said legs, upright extensions on said horizontal portions for securing said member to the front and back legs of said frames, foot board supporting portions extending downwardly and then horizontally forward from said members, wheel supporting portions extending rearwardly and horizontally from points intermediate the upper and lower ends of certain of said upright extensions, a foldable footboard carried by said footboard supporting portions, traction wheels mounted on said front legs, wheels carried by said wheel supporting portions and foldable cross sections between said frames.

2,133,541
BOMB OR HAND GRENADE
Rudolf Janeček, Prague, Czechoslovakia
Application June 23, 1937, Serial No. 149,981
In Czechoslovakia June 30, 1936
15 Claims. (Cl. 102—29)

1. A hand grenade which explodes on impact comprising a handle, an outer shell connected to said handle, a longitudinal spindle mounted in said handle, an inertia mass movable along said spindle, a firing pin on said inertia mass, a plate fixed on said spindle below the firing pin, means in said plate for mounting a detonator in line with said firing pin, spring means tending to draw said inertia mass and firing pin towards said plate, means co-acting with said firing pin to limit the movement of the inertia mass towards the said plate, adjustable means whereby the distance by which the inertia mass can move away from said plate under the action of centrifugal force can be adjusted in such a manner that said firing pin is either unable to disengage from said limiting means or can become disengaged therefrom, and means for automatically rendering said limiting means inoperative after the firing pin has been disengaged.

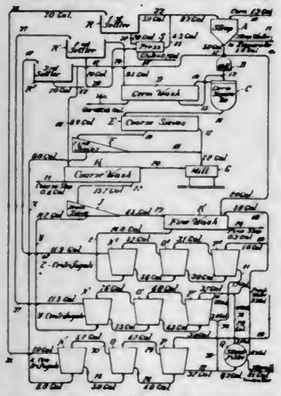


2,133,542
CUT-OFF MACHINE
Otto H. Jensen, Detroit, Mich., assignor to Ternstedt Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application June 10, 1935, Serial No. 25,782
19 Claims. (Cl. 164—48)



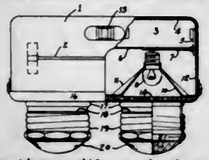
1. A cut-off mechanism for cutting a continuously moving length of work into predetermined lengths comprising a cutting mechanism including a carriage movable along the line of travel of the work, a target positioned in the path of the work arranged to be engaged by the work and travel along the path of the work to propel said cutting mechanism along the path of the work preparatory to the cutting operation, and eased pick-up means including articulated connections movable relative to said carriage and connecting the said target with the movable cutting mechanism whereby when the target is engaged by, and moved along with, the moving work, the target and the eased pick-up means transmit the driving force of the work to the cutting mechanism with lost motion to set the cutting mechanism in motion along the line of travel of the work at an accelerating speed initially less than that of the work preparatory to the cutting operation.

2,133,543
MANUFACTURE OF STARCH
Alfred H. Kelling, Chicago, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y., a corporation of New Jersey
Application June 5, 1933, Serial No. 674,364
11 Claims. (Cl. 127—68)



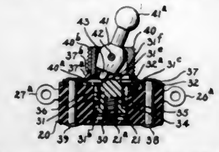
11. The process of obtaining starch from corn which comprises: steeping the corn; comminuting the steeped corn; subjecting the comminuted corn in water to a series of separating operations for removal of germs and slop, yielding mill starch streams containing different contents of solubles; separately centrifuging said mill starch streams to remove the gluten and major portion of the water from the starch; removing the water from the gluten and reusing the gluten water having the highest content of solubles for steeping corn, as the process proceeds, and the other gluten waters in the part of the process following the steeping at stages which are more or less near the steeping operation in accordance with the proportionate quantities of solubles in said gluten waters.

2,133,544
DEVICE FOR EXAMINING LIQUIDS
John K. Kolb, Detroit, Mich.
Application June 21, 1935, Serial No. 27,778
4 Claims. (Cl. 88—14)



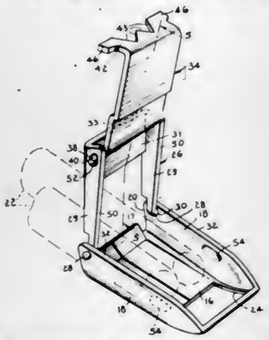
1. In combination with a device for visually examining liquids comprising a manually transportable case having an opening, illuminating means positioned within the case, a slot between the opening and the illuminating means, and a transparent sample holder comprising a pair of separable transparent walls normally having a face to face contact connected along a portion of their peripheral edges to form a holder for the liquid to be examined, the unconnected edges of the said walls forming a mouth through which the liquid can be inserted into the holder when the walls are separated and spread out between the walls into a thin light-transmitting film whereby the holder and the liquid can be inserted in the said slot and light passed through the holder and liquid to permit visual examination of the said liquid.

2,133,545
ELECTRIC SWITCH
Alvin W. Krieger, Milwaukee, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application June 11, 1936, Serial No. 84,653
19 Claims. (Cl. 200—163)



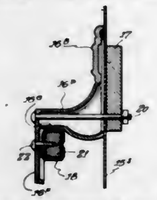
1. A slow-make, slow-break switch comprising an insulating base having a recess formed therein and opening to one surface thereof, a plurality of pairs of stationary contacts located within said recess, the contacts of the respective pairs being spaced from each other longitudinally of said base and having wiring terminal elements located exteriorly of the latter, an insulating plunger slidable within said recess and guided by the side walls of the latter, a plurality of bridging contactors associated with said plunger, said contactors and said plunger being movable relatively to each other, spring means for jointly biasing said plunger and said contactors toward the upper extreme positions thereof respectively, an insulating member overlying the upper surface of said base and engageable by said plunger to limit the upward movement of the latter, a cam surface associated with said plunger, a member movably supported with respect to said base and having a portion engageable with said cam surface for releasable restraint by the latter in either of the extreme positions of the former, said last mentioned member being adapted upon movement thereof in one direction to effect extreme downward movement of said plunger, and associated means for simultaneously effecting extreme downward movement of said contactors, said contactors being engaged with and disengaged from said pairs of contacts in the respective extreme positions of the former.

2,133,546
WRIST WATCH AND BRACELET STRAP AND END CONNECTER THEREFOR
Jacques Kreisler, New Rochelle, and Andrew Szeglin, Hollis, N. Y., assignors to Jacques Kreisler Sales Corporation, New York, N. Y., a corporation of New York
Application January 9, 1937, Serial No. 119,786
5 Claims. (Cl. 24—265)



5. An end-connecter for a strap, cord or the like, comprising a channel member having an open end and bottom, a holder member having sides pivotally connected to the sides of said channel member adjacent the open end of the latter and movable from folded position between said sides outwardly through said open bottom to unfolded or retracted position, said holder having a transverse wall portion adjacent the outer ends of said sides defining with said sides a substantially U-shaped opening continuous with said end opening of the channel member for the insertion and removal of an end portion of the strap or cord and a gripper member pivoted to said holder below said transverse wall portion thereof and movable to folded position within said channel member, said channel member having a downturned end portion for engaging the strap, said gripper member having an end portion for engaging the strap or cord to clamp the latter in said channel member against said downturned end portion and an offset portion movable into and substantially filling said U-shaped opening substantially flush with said holder wall portion when said holder and gripper members are folded into the adjacent sides of said channel member, a portion underlying said wall portion of the holder when the latter is in said folded position, interengaging means on said channel and holder members for releasably securing the same in folded position, and interengaging means on said gripper and holder members for releasably holding said gripper member within said channel member.

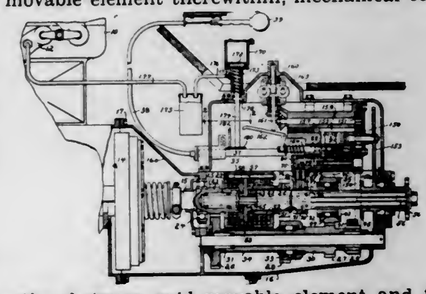
2,133,547
CASKET HARDWARE
Raymond Larson, Chicago, Ill., assignor to Central Metallic Casket Co., Chicago, Ill., a corporation of Illinois
Application December 12, 1936, Serial No. 115,553
2 Claims. (Cl. 16—111)



2. A casket handle comprising a plurality of spaced unitary brackets; a removably mounted handle bar secured to and connecting said brackets; each of said brackets comprising a plate portion having a front face and plane-aligned face formations on the rear face thereof adapted to engage the wall of the casket, an extension formed integrally with said plate portion, said extension being disposed to extend forwardly and downwardly of said front face and having a rearwardly extending wall portion in plane-alignment with said plate face formations, means for securing the plate portion to the casket wall, said handle bar being mounted rearwardly of the downwardly extending portions of said extensions and below the forwardly extending portions thereof; and means for securing the handle bar to each of said bracket extensions.

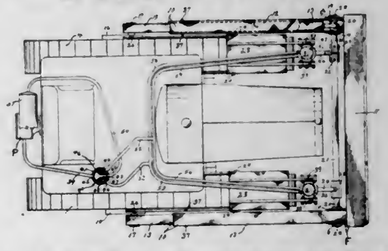
2,133,548
AUTOMATIC TRANSMISSION CONTROL
Rush E. Lassiter, Detroit, Mich., assignor to The Monopower Corporation, Detroit, Mich., a corporation of Michigan
Application December 10, 1934, Serial No. 756,903
8 Claims. (Cl. 74—336.5)

1. In combination with an internal combustion engine having an intake manifold, an element drivable by said engine, an automatic transmission interposed between the engine and drivable element for changing the relative torque ratio therebetween, regulatable means for varying the torque ratio through said transmission, speed-responsive governor means for automatically controlling said regulating means, pressure-responsive means connected to said intake manifold including a pressure chamber portion and a movable element therewithin, mechanical con-



nection between said movable element and the governor means, said element being movable to oppose a decrease of torque ratio and destroy the full effectiveness of the governor means upon a rise of pressure within the manifold, and delaying means preventing instantaneous reversal of movement of said movable element comprising a chambered member of excess capacity arranged between the manifold and pressure chamber and connected to both.

2,133,549
BULLDOZER AND THE LIKE
Charles Le Bleu, Los Angeles, Calif.
Application March 25, 1936, Serial No. 70,850
18 Claims. (Cl. 37—144)

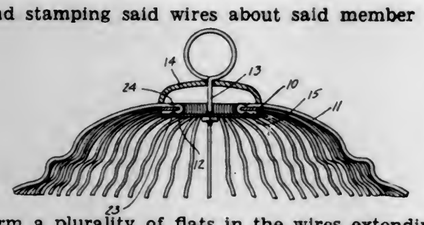


1. In a device of the character described, a pusher frame provided with a scraper at its front end and adapted to be mounted on a vehicle for movement relative thereto and to be pushed thereby across a surface to be treated, said pusher frame being contractable by the pushing force of the vehicle when the pushing force reaches a predetermined value and extensible by the weight of the device when the pushing force is less than the predetermined value, and means adapted to be operated by the contraction and extension of the pusher frame to automatically determine the horizontal working relation of the scraper to the surface to be treated.

2,133,550
METHOD OF FORMING A WIRE STRUCTURE
Earl W. Little, Indianapolis, Ind.
Application February 12, 1937, Serial No. 125,448
6 Claims. (Cl. 140—71)

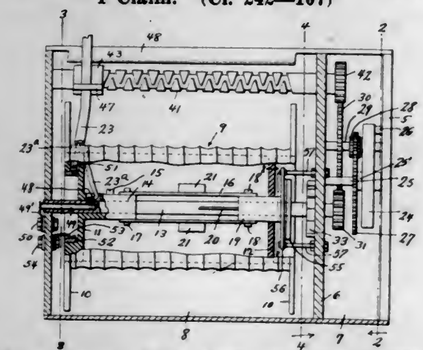
1. The method of anchoring a plurality of wires to an anchor member having an opening therein consisting in bending said wires about said member so as to extend through the opening therein.

and stamping said wires about said member to



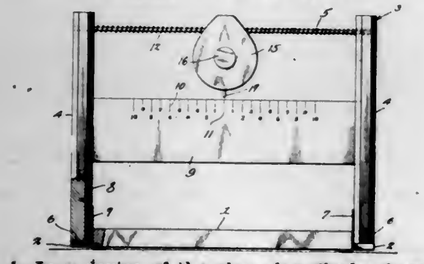
form a plurality of flats in the wires extending in interlocking engagement one with the other.

2,133,551
CORD REEL
Donald Gibson Logan, Shawnee, Okla.
Application July 23, 1937, Serial No. 155,303
1 Claim. (Cl. 242—107)



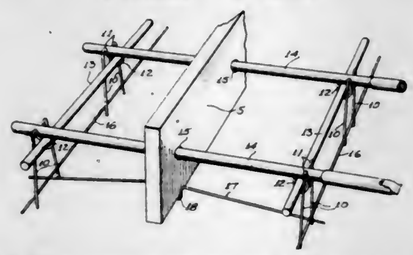
In a device of the class described, a casing, a rotary shaft therein, a reel carried by the shaft, a governor in the reel and including a member attached to the shaft, a second member having sliding but non-rotatable movement on the shaft, flexible arms connecting the two members together, weights on the arms, a brake plate connected with the outer end of the sliding member and a stationary brake plate through which the sliding member passes and with which the first brake plate will engage when the slidable member is moved by outward movement of the arms of the governor, a spring motor for rotating the shaft and reel in a direction to wind the cable upon the reel, and ratchet means for releasably holding the reel and shaft against rotary movement by the spring motor.

2,133,552
DUEL TARGET
Sidney L. Long, Minneapolis, Minn.
Application October 12, 1937, Serial No. 168,646
7 Claims. (Cl. 273—102.1)



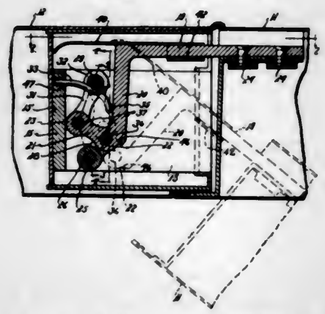
1. In a device of the class described a base, a frame yieldably mounted on the base, the upper portion of the frame being provided with a rod, and a target rotatably mounted on the rod, the target being held by gravity in a vertical operative position.

2,133,553
DOWEL SUPPORT FOR CONCRETE PAVEMENT EXPANSION JOINTS
Chester A. Lord, Chicago, Ill., assignor to Universal Form Clamp Co., Chicago, Ill., a corporation of Illinois
Application December 21, 1936, Serial No. 116,898
6 Claims. (Cl. 94—8)



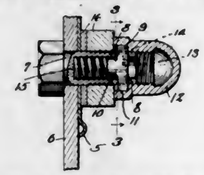
4. In a continuous spacer and support for dowel bar assemblies for concrete pavement expansion joints, the combination with parallel rows of chairs disposed respectively on opposite sides of the joint, each chair having a leg formed with a free lower end adapted to be driven into the dirt bed of the pavement and the legs of all the chairs in each row being located in a common plane transverse to the roadway, of rods extending across and secured to the lower portions of the legs of the chairs of the two rows respectively, and means connected to said rods extending across the joint and rigidly connecting and spacing said rows.

2,133,554
HINGE
John Ludwig, Detroit, Mich.
Application January 28, 1937, Serial No. 122,735
7 Claims. (Cl. 16—148)



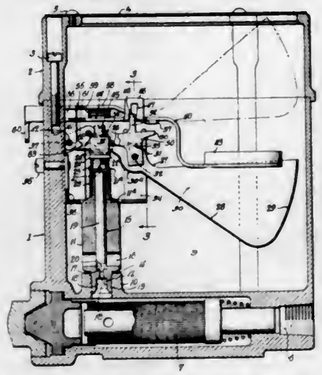
4. In a hinge of the class described, a pair of hinge butts; means for mounting said butts on each other in swingable relation, one of said butts having a pair of spaced apart members between which and outwardly from which the other of said butts swings; and a closure plate movably mounted on said other butt and adapted upon swinging of said other butt to a predetermined position relatively to the butt having said spaced apart members for closing the outer end of the space between said members.

2,133,555
SEALING DEVICE
Thomas H. Mayfield, Roby, Tex.
Application April 2, 1937, Serial No. 134,619
2 Claims. (Cl. 151—9)



1. In a device of the character described, a bolt having a threaded portion formed with a longitudinal bore and having lateral slots, a spring-pressed pin mounted within the bore, lugs formed on the pin and extending laterally through the slots, a cap threaded on the bolt, and said cap having ratchet faces formed therein for engaging the lugs of the pin to prevent removal of the cap.

2,133,556
PAN-TYPE CONSTANT LEVEL DEVICE
Lourdes V. McCarty, Milwaukee, Wis., assignor to Automatic Products Company, Milwaukee, Wis., a corporation of Wisconsin
Application August 14, 1936, Serial No. 96,041
21 Claims. (Cl. 137—68)



1. A constant level device comprising a chamber having an inlet, a valve controlling flow through the inlet, a pan-type float regulating the action of the valve normally to maintain a constant level in said chamber, the pan-type float having an opening in its upper portion whereby, when the level in the chamber rises above the selected level, liquid will flow into the float and the float will sink, safety cut-off mechanism operable to punch the inlet valve closed and having means for releasably retaining it against operation, said means being released by said float when the latter sinks, and means for resetting said safety cut-off mechanism and simultaneously causing the float to dump liquid from its interior back into said chamber.

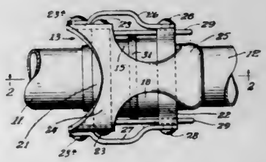
2,133,557
ARTICLE HANDLING DEVICE
Charles McNeillie, Midland, Pa.
Application May 27, 1937, Serial No. 145,124
4 Claims. (Cl. 294—67)

1. An article handling device comprising, a fork-like carrier element consisting of load-carrying arms and bars extending angularly therefrom to provide a top for the carrier, flexible suspension means connected to the top of said element adapted to normally support said load-carrying arms in a horizontal position, flexible tilting means connected to said flexible sus-



pension means, and means carried by said flexible tilting means normally hanging free along said bars adapted to engage said bars when said suspension means is permitted to sag whereby the carrier is tilted when said suspension means again supports the device.

2,133,558
COUPLING DEVICE
Lester A. Miller, Fairfield, Iowa
Application March 19, 1938, Serial No. 196,953
6 Claims. (Cl. 285—171)

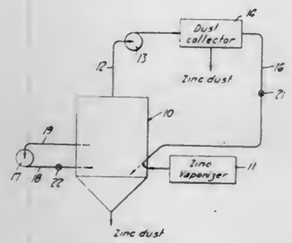


1. In a coupling device comprising a pair of open collars, connecting links between said collars, a lever for operating said links and causing spacing of said collars with respect to each other, a bar for aligning said collars.

2,133,559
PROCESS OF TREATING COFFEE
Franklin J. Mushaben and Angelic E. Mushaben, Denver, Colo.
No Drawing. Application April 8, 1935, Serial No. 15,309
4 Claims. (Cl. 99—68)

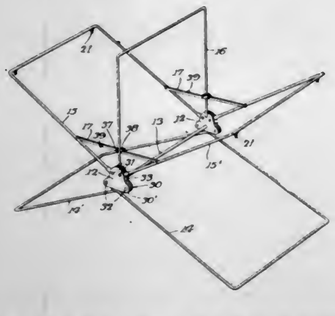
1. The process of preparing commercial coffee for beverage use, comprising dissecting green coffee berries into particles, by cutting, as distinguished from grinding, thereby liberating the chaff of the berries, then removing the chaff from the dissected berries, then reducing the dissected berries to a predetermined size, then roasting the berries in a container, while insulated from the atmosphere, and maintaining the roasted product in the same container, against atmospheric influence.

2,133,560
PROCESS AND APPARATUS FOR THE MANUFACTURE OF ZINC DUST
Minton H. Newell, Palo Alto, Calif., assignor to The Alloys Company, San Francisco, Calif., a corporation of California
Application August 30, 1935, Serial No. 38,550
Renewed March 21, 1938
16 Claims. (Cl. 75—88)



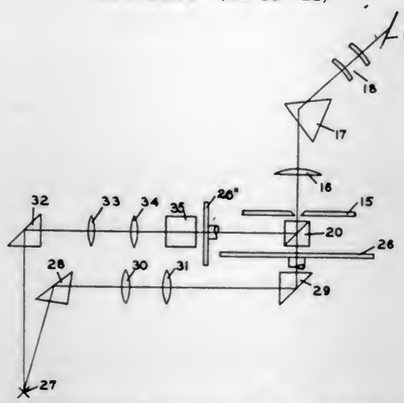
1. In a process for the manufacture of zinc dust, characterized by the use of an expansion chamber into one side of which zinc vapor is introduced from the mouth of a retort, the steps of continuously diverting gas together with entrained zinc dust from said chamber, separating out entrained zinc dust from the gas so diverted, and then blowing diverted gas back into the chamber in a region adjacent the mouth of the retort.

2,133,561
FOLDING CRIB AND THE LIKE
George Thornton-Norris, London, England, assignor to The Scholl Mfg. Co., Inc., Chicago, Ill., a corporation of New York
Application February 8, 1937, Serial No. 124,545
In Great Britain February 20, 1936
7 Claims. (Cl. 5—98)



1. For a folding crib or the like, a supporting frame comprising two pairs of substantially U-shaped loop-members and two oppositely disposed center-brackets, the side-reaches of said loop-members being pivoted to said brackets and movable with respect thereto from substantially parallel, side-by-side folded relationship to spread relationship wherein one pair of said members extends downwardly in crossed position below said brackets such that their cross-reaches form a base and the members of the other pair extend upwardly in divergent position above said brackets such that their cross-reaches provide support for a fabric crib-body or the like.

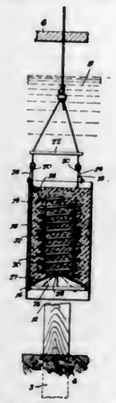
2,133,562
METHOD AND MEANS FOR DETERMINING OPTICAL CHARACTERISTICS OF SUBSTANCES
Brian O'Brien, Rochester, N. Y.
Application January 9, 1934, Serial No. 705,904
12 Claims. (Cl. 88—14)



1. A method of spectrum analysis which comprises producing a series of spaced spectra of a standard quantity, varying the spectra in a known manner throughout the series, simultaneously producing a series of spaced spectra of a second quantity in alternating relation with the spectra of the standard quantity, and comparing the two series of spectra.

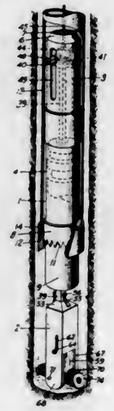
5. A device of the character described comprising a spectograph having a slit, a plurality of spaced opaque members positioned closely to and along said slit, each of said members having a reflecting face, means for directing a light beam into said slit between said members, means for directing a second light beam onto the reflecting faces of said members and thence into said slit and means for varying the intensity of said light beams.

2,133,563
PILE SPLICER
Joseph A. Parks, Jr., Milton, and John Upton, Wayland, Mass., assignors, by mesne assignments, to Anderson Products, Incorporated, a corporation of Massachusetts
Application November 11, 1935, Serial No. 49,170
14 Claims. (Cl. 61—63)



1. A concrete positioning device comprising a tubular shell and a sectional arched bottom generally pyramidal in form, a ring secured within said shell, said bottom maintained in position by vertical engagement with said ring and by horizontal radial engagement with said shell.

2,133,564
APPARATUS FOR DRILLING WELLS
Clement B. Patton, Columbus, Ohio
Application June 9, 1937, Serial No. 147,343
10 Claims. (Cl. 255—4)



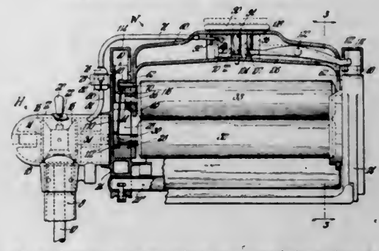
1. A well-drilling apparatus of the rotary type adapted to be positioned at the end of a well casing comprising a power unit, a tool unit, said tool unit embodying a tool member mounted for movement between an operative position where it drills and underreams the hole below the well casing and an inoperative position for permitting movement thereof through the well casing to and from working position, a drilling stem adapted to be rotated by the power unit and being connected to the tool member for rotating it, said drilling stem being slidable longitudinally through the power unit, said drilling stem being connected to the tool member in such a manner that longitudinal movement thereof will cause movement of said tool member between operative and inoperative positions.

2,133,565
CAPSULE STOPPER FOR BOTTLES, JARS, GLASSES, AND THE LIKE
Gunner Frederik Marinus Pedersen, Copenhagen, Denmark, assignor to Dansk Crown-Cork Fabrik ved Aage Weybye-Lassen, Copenhagen, Denmark
Application September 29, 1937, Serial No. 166,310
In Denmark October 7, 1936
2 Claims. (Cl. 215—39)



1. In a closure for bottles, a crimped cap, a sealing disc in the cap, a depression in the disc having inclined side walls in simulation of a truncated cone and a bottle neck engaging disc in the depression with the edges of the side walls of the depression at the exposed side of the sealing disc overlying the marginal edge of the bottle neck-engaging disc and with said inclined walls retaining the disc in assembled relation.

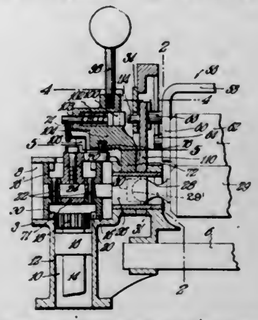
2,133,566
WRINGER
Julian L. Perkins, West Springfield, Mass.
Application October 6, 1933, Serial No. 692,481
Renewed March 11, 1936
26 Claims. (Cl. 68—253)



1. A wringer apparatus comprising in combination, a lower frame having receiving means for an upper frame, a separate upper frame, rolls on both of said frames, electrical driving means for said rolls, the upper frame having a manually engageable part, means to releasably lock the upper frame in the lower frame with the rolls operatively related, a switch for said driving means on said manually engageable part and means for simultaneously operating said switch and releasable locking means.

8. A wringer apparatus comprising in combination, a lower frame having a rotatable roll and receiving means, an upper frame having a manually engageable part, a roll in said frame, releasable locking means associated with the receiving means and frame for releasably locking the upper frame to the receiving means with the manually engageable part thereof at either side of the wringer, means for driving one of said rolls in opposite directions so the feeding-in side of said rolls may be at either side of said wringer, and control means to permit locking of the upper frame to the receiving means only when the manually engageable part thereof is disposed at a side of the wringer corresponding to the feeding-in side of the rolls.

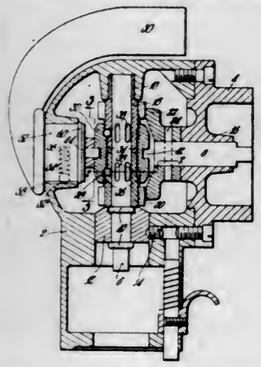
2,133,567
WRINGER
Julian L. Perkins, West Springfield, Mass.
Application November 10, 1936, Serial No. 110,049
8 Claims. (Cl. 68—253)



1. A wringer comprising in combination, a frame having a roll therein, a swingable frame member movable in said first frame between a central inoperative position and operative positions at the sides thereof, a manual member on said swingable member, a second roll in said swingable frame, pressure means adapted to put the

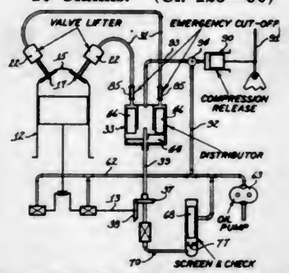
rolls under pressure, engageable connections associated with the pressure means and swingable frame adapted to be engaged for applying pressure when said swingable frame is in an operative position, reversing driving mechanism for said rolls on said frame including engageable members and a shifter movable between operative and inoperative positions to engage and disengage said members, said shifter and swingable frame being independently movable from inoperative to operative positions, and engageable means associated with said swingable frame and shifter adapted and arranged to coact whereby the shifter is moved to inoperative position by the swingable frame when the latter is moved from operative to inoperative position and the swingable member may be moved to operative position subsequent to the shifter being moved to an operative position.

2,133,568
WRINGER HEAD
Julian L. Perkins, West Springfield, Mass.
Application June 4, 1937, Serial No. 146,348
1 Claim. (Cl. 74—378)



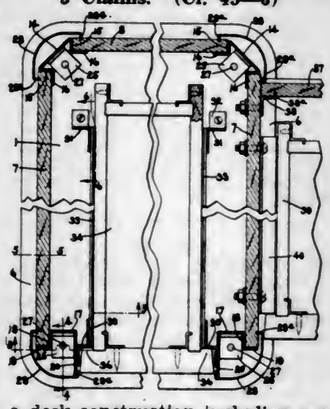
The combination in a wringer head of, a support, a drive shaft and a driven shaft rotatable therein, separate gears rotatable on said drive shaft, a gear secured to said driven shaft meshing with said separate gears on said drive shaft, the said drive shaft having upper and lower recesses, the said separate gears having keys radially guided for movements into and out of said recesses for clutching said gears to the drive shaft, an actuator shiftable axially in opposite directions relative to said drive shaft having means associated therewith for moving and holding said keys in clutching position or releasing the same to allow them to move to non-clutching position adapted and arranged whereby the keys are actuated for independently clutching either one of said separate gears to said drive shaft, an operating member having a hub part journalled on a certain axis in said support so as to be swingable relative to said support between a neutral and clutching positions at either side thereof, a member pivoted at one end to said casing having a projection in operative engagement with a recess provided in said actuator, and a projection on said hub part at a side of said certain axis and in operative engagement with a recess provided in said member, all adapted and arranged whereby as the operating member is swung the projection on the hub part thereof swings said member to move said actuator.

2,133,569
FLUID ACTUATED VALVE MECHANISM
Nathan C. Price, Berkeley, Calif., assignor to Universal Engine and Propeller Co., Alameda, Calif., a corporation of California
Application May 11, 1937, Serial No. 142,002
10 Claims. (Cl. 123—90)



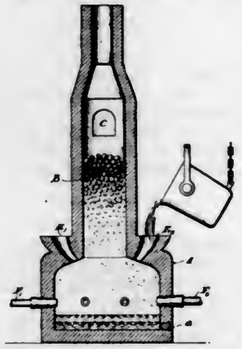
1. In an engine having a cylinder with a valve therein, means actuated by oil under pressure for operating said valve, a pump operated by the engine for intermittently supplying oil under pressure, a conduit connecting said pump with said valve operating means and forming therewith a closed surge system, the instantaneous pressure in said conduit being normally substantially the same throughout its length, and a valve in said conduit for closing the same, said conduit valve being actuated by an abnormal pressure differential between the two ends of said conduit.

2,133,570
FURNITURE CONSTRUCTION
Bayard E. Richardson and Richard W. Willey, Grand Rapids, Mich.
Application February 18, 1936, Serial No. 64,441
3 Claims. (Cl. 45—6)



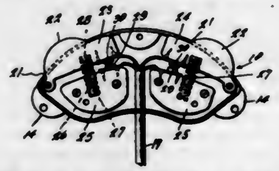
1. In a desk construction including a pedestal, said pedestal having a base, a top spaced above the base, three panel members, these panel members being located at the sides and rear of the base and top and being between the same, connecting and fastening means between the rear panel, the base and the top, holding means connected to the top and bottom and located at each front edge of each of the side panels, each of said holding means consisting of a metal strip having a first portion extending along the inner side of and parallel to the adjacent panel near the front edge thereof whereby inward movement of the panel is prevented and having a second portion substantially parallel to and in offset relation to the first portion connected thereto by a connecting portion, said second portion extending outwardly beyond the ends of the side panels and an arcuate member having inturned flanges at its ends, one flange locking over the terminal edge of the second portion and the other flange being cooperatively associated with the outside edge of the adjacent side panel member opposite its engagement with the first portion whereby the panel is held against the first portion of the said holding means and whereby the arcuate means conceals the holding means and forms an ornamental corner construction.

2,133,571
PROCESS FOR THE MANUFACTURE OF STEEL FROM LOW-GRADE PHOSPHORUS-CONTAINING ACID IRON ORES
Hermann Röchling and Otto Johannsen, Volklingen-Saar, Germany, assignors to H. A. Brassert & Co. Limited, London, England, a corporation
Application July 16, 1936, Serial No. 91,008
In Germany July 24, 1935
2 Claims. (Cl. 75—29)



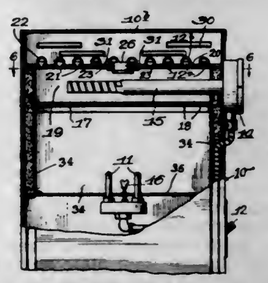
1. A process for the manufacture of steel from low grade phosphorus-containing acid iron ores which comprises subjecting the ores to a concentrating treatment, working the concentrate up in a blast furnace to form pig iron, working up the residue in a shaft furnace without the addition of lime or manganese to form an acid smelt iron high in sulphur and low in carbon and silicon, desulphurizing the acid smelt iron and making steel therefrom by the basic process.

2,133,572
AUTOMOBILE SIGNAL SWITCH
William G. Rowe, Milwaukee, Wis.
Application July 22, 1937, Serial No. 155,127
1 Claim. (Cl. 200—59)



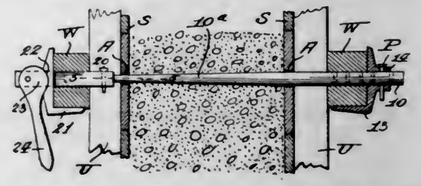
A switch structure of the character described comprising an arcuate-shaped casing, a pair of contactors mounted in the casing, a pair of stationary contacts in the casing with which the contactors are engageable, said casing provided with openings in its top, and knobs rising from the said contactors and protruding through the said openings, stationary blocks mounted in the casing and carrying said stationary contacts, and spring means between the stationary blocks and the contactors rising the knob portions of the contactors through the corresponding opening, the opposed faces of the contactors and blocks being formed with recesses receiving the end portions of the corresponding springs.

2,133,573
HAIR WAVING APPARATUS
William V. Rifle, Chicago, Ill.
Application April 28, 1937, Serial No. 139,351
9 Claims. (Cl. 126—229)



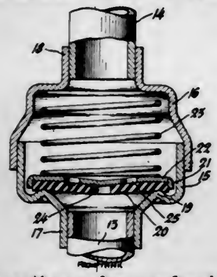
2. A heater of the class described comprising a casing, a heat source therein, a heat conducting transverse partition in said casing above said heat source provided with a plurality of exhaust passages therein for hot gases arising from said source, heat conducting clip-heating tubes carried by said partition and each having a longitudinal slot therein communicating with one of said exhaust passages for admitting hot gas to the tube interior, and means for effecting the flow of gases within said tube in a given direction.

2,133,574
CONCRETE FORM TIE
Allen V. Roemisch, Inglewood, Calif.
Application November 11, 1936, Serial No. 110,245
2 Claims. (Cl. 25—131)



1. In a concrete form tie, the combination with a tapered rod provided in its large end with a plurality of spaced perforations of, an L-shaped bracket mounted for sliding movement on the perforated end of said rod, means removably seated in said bracket and said rod for securing said bracket to the rod in differently adjusted positions, a bar provided with a socket adapted to receive the small end of the tapered rod, releasable means for securing the tapered rod to said bar, said bar being non-circular in cross section, an L-shaped bracket mounted for sliding movement on said bar and an eccentric pivotally mounted on said bar for engaging and imparting pressure to the bracket that slides on said bar.

2,133,575
PRESSURE RELIEF VALVE
Philip S. Rosenberg, Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application May 2, 1936, Serial No. 77,489
4 Claims. (Cl. 277—45)



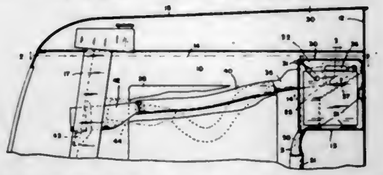
4. A double acting valve mechanism including a casing having a valve seat, an initially flat resilient member having a central opening and being adapted to seat near its periphery on said seat, a stiff backing plate having a central conical portion to engage and deform said member to substantially frusto-conical shape, with the apex of the conical portion projected into the central opening of said member for a stress fit to the circular edge thereof, said plate having an opening spaced from the apex thereof for communication with the central opening in said member upon additional member deformation, and a spring bearing on the plate and yielding to movement of the member away from said valve seat.

2,133,576
SAFETY RAZOR
Henry H. Rud, Whitehall, Wis.
Application November 14, 1935, Serial No. 49,826
Renewed April 12, 1938
1 Claim. (Cl. 30—47)



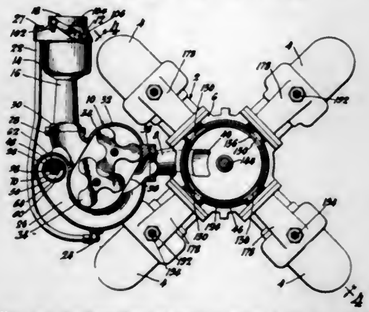
A safety razor comprising a cap, a blade and a guard plate, a combined foldable handle and container for the cap, blade and guard plate, and including a hollow substantially rectangular relatively wide lower section and a hollow substantially rectangular relatively narrow upper section having one of their ends hinged together, said hinged ends being disposed in abutting relation when the sections are used as a handle, said sections having one of their sides open and the open sides disposed at an inclination inwardly from the free end of the lower section to the free end of the upper section, to taper the handle accordingly, said open sides being disposed in edge to edge contact when the sections are used as a container, the edges of the open sides being correspondingly flanged and grooved for cooperation to hold the sections against relative movement when in container formation, means for securing the sections together in container formation, and means for detachably securing the cap, blade and guard plate in cooperative relation with respect to each other, to the free end of the upper section.

2,133,577
BATTERY INSTALLATION
Walter S. Saunders, Pontiac, Mich., assignor to The American Forging & Socket Company, Pontiac, Mich., a corporation of Michigan
Application June 18, 1937, Serial No. 148,886
3 Claims. (Cl. 180—68.5)



1. In combination with an automotive vehicle having an engine compartment, an engine in said compartment which develops waste heat in operation, said engine incorporating electrically operable elements, a battery for supplying current to said electrically operable elements, a box-like enclosure for said battery having at least one wall exposed to the interior of said engine compartment, and means for ventilating said battery enclosure comprising a flexible air inlet conduit connected to an inlet opening formed in said enclosure, said conduit having a mouth portion adapted to be selectively positioned either in advance of or behind a portion heated by the engine, said enclosure also having an air outlet.

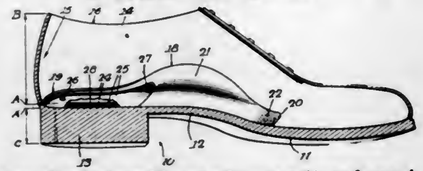
2,133,578
INDUCTION SYSTEM
Eric Olle Schjolin, Pontiac, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application August 22, 1936, Serial No. 97,346
14 Claims. (Cl. 123—55)



4. In an induction system for a two-cycle internal combustion engine having a plurality of cylinders, a carburetor, a blower between the carburetor and the engine, a chamber into which the blower delivers the carbureted mixture, a rotary valve in said chamber, a second valve in said chamber, said rotary valve having a single port and said second valve having a plurality of ports corresponding in number to the number of cylinders, said rotary valve port adapted successively to mate with each of the ports in the second valve once for each revolution of the crankshaft, the mating of the rotary valve port with a port of the second valve causing the blower to deliver the carbureted mixture to the cylinder corresponding to the port of the second valve,

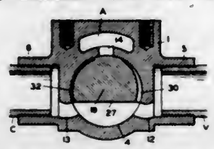
separate idler conduits from the chamber to the cylinders operative when the second valve is in closed position, and means in the idler conduits to control the passage of carbureted mixture therethrough.

2,133,579
METHOD OF MAKING ARCH-CORRECTIVE SHOES
William M. Scholl, Chicago, Ill.
Original application January 10, 1936, Serial No. 58,457. Divided and this application October 2, 1936, Serial No. 103,636
1 Claim. (Cl. 12—142)



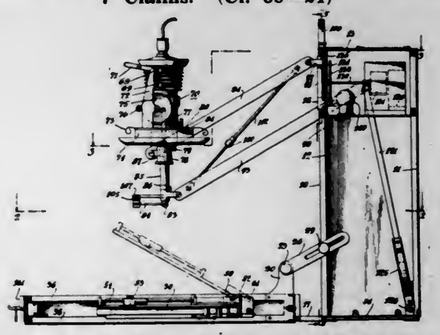
A method of making arch corrective shoes, initially of "stock" contour internally to fit a normal foot and adapted to permit the wearing, in either one of a pair, of a stock arch support without materially lifting the affected portion of the user's foot with respect to the shoe heel and so producing "limp effect", comprising the steps of so securing to a stock last a lasting-dummy of leather and metal, contoured conformably with a "stock" arch support, as to position its skived front edge on a transverse line just back of the last's ball, its broadened waist to extend high up the inner side of the last's arch and its metal-bottomed heel-portion to cover the heel-bottom of the last and locate the metal to serve both as a nailing-plate and a thickener of the heel-bearing portion of the dummy; lasting the body of the shoe over said dummy-equipped last and nailing its heel against said metal plate-portion of the dummy; and detachably mounting in the lasted shoe a dummy arch-support substantially corresponding with the lasting dummy in contour and structure, with its forward edge portion adhesively connected with the shoe sole just back of the ball.

2,133,580
AIR BRAKE SYSTEM
Dudley F. Searle, Oakland, Calif.
Application July 19, 1937, Serial No. 154,469
5 Claims. (Cl. 303—50)



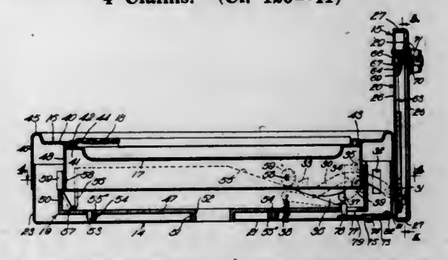
1. In an air brake system having a source of pressure and a power chamber therein; a control valve body having three ports therein leading to said pressure source, said chamber, and the atmosphere respectively; and a movable valve member adapted to cooperate with said ports and having a neutral and intermediate and extreme operative positions, said valve member having a recess therein adapted to provide unrestricted communication between the power chamber port and the atmospheric port respectively when said valve member is in said neutral position, said valve member having a greatly restricted groove therein adapted to provide communication between said atmospheric and said chamber port when said valve member is in an intermediate operative position and a second restricted groove arranged to be out of registry with said pressure port when said valve member is in the neutral position but being brought into registry therewith when said valve member is moved to an intermediate operative position, said valve member being arranged to bring the recess into a position to provide unrestricted communication between said pressure source port and said chamber port when said valve member is in the extreme operative position.

2,133,581
PHOTOGRAPHIC DEVICE
Rudolph Simmon, New York, N. Y.
Application September 17, 1936, Serial No. 101,285
7 Claims. (Cl. 88—24)



1. A photographic enlarging apparatus comprising a casing, a cover for the same, a film support pivoted in said casing to allow shifting thereof in parallel planes, a projector including a projection lamp and lens system held on said support, said projector being adapted to be moved into and out of said casing, a paper holder in said cover in a position parallel to said support, and means for shifting the same to aline it with said projector when in operative position.

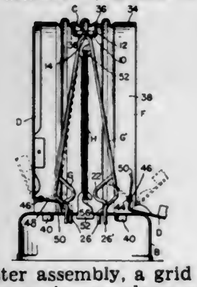
2,133,582
BROILER
Louis J. Smallen, Los Angeles, Calif.
Application August 3, 1936, Serial No. 93,974
4 Claims. (Cl. 126—41)



1. In a stove having an oven compartment, a drawer carried in the compartment and having a plurality of upwardly projecting side walls, a drum mounted in the drawer for rotation about a vertical axis, the drum having an upwardly projecting peripheral flange, a series of like circumferentially spaced cam surfaces on the flange, a carrier arranged over the drawer and having a depending marginal flange overlying the side walls of the drawer and cooperating therewith to guide the carrier for vertical movement only,

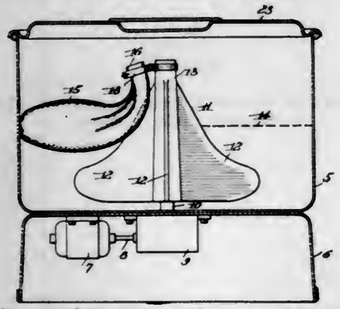
the carrier having a depending flange concentric with the drum and having parts cooperatively engaging the cam surfaces whereby the carrier is moved vertically when the drum is rotated, and means for rotating the drum.

2,133,583
TOASTER ASSEMBLY
Howard A. Smith, St. Louis, Mo., assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri
Application February 18, 1937, Serial No. 126,454
15 Claims. (Cl. 219—19)



1. In a toaster assembly, a grid wire comprising a pair of arms in one plane, a head extending in a plane at an angle to the plane of said arms, a frame element having an opening to receive said head and a base having openings to receive the lower ends of said arms, said grid wire having integral shoulders adjacent said frame element and said base respectively, said frame element and said base being maintained in spaced apart relation by the interposition of said grid wire.

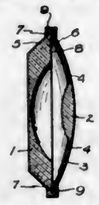
2,133,584
METHOD AND APPARATUS FOR WASHING GARMENTS
Abraham N. Spánel, Rochester, N. Y.
Application January 31, 1935, Serial No. 4,335
9 Claims. (Cl. 8—159)



1. In combination with a washing machine having a tub and a moving part therein, a container made of flexible, substantially impervious material to enclose garments and cleaning fluid and having an opening therein, and means for supporting said container with its opening uppermost and with the margin of the container at said opening held together, in said tub for agitation caused by said moving part.

8. The method of simultaneously washing two or more batches of garments which comprises, placing one batch of garments and a cleaning fluid in a washing machine, enclosing another batch of garments and cleaning fluid in a flexible, substantially impervious container, at least partially submerging said container in said first-mentioned cleaning fluid in said washing machine, and operating said washing machine to wash the first batch of garments and to simultaneously agitate said container and its contents.

2,133,585
LENS
Bernard Spero, Chicago, Ill.
Application May 21, 1936, Serial No. 81,039
3 Claims. (Cl. 88—54)



2. In an article of manufacture for obtaining binocular vision after removal of the crystalline lens from an eye, a lens system comprising a relatively small converging back lens having a convex front surface and of a predetermined power for positioning adjacent the eye, a transparent dished annular shell, the said lens being disposed centrally of the annular shell, the diameter of the latter of which is substantially that of a conventional spectacle lens, a diverging front lens of a predetermined power haivng a concave rear surface, the diameter of which is substantially that of a conventional spectacle lens, means for securing said shell and diverging front lens together in coaxial spaced relationship with the convex surface of the back lens spaced from and facing the concave rear surface of the front lens, and said lens combination having a total effective power as required to provide a reduced image of a predetermined size for said eye.

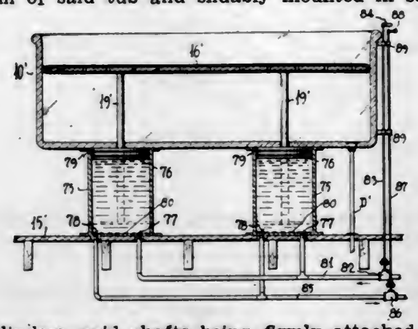
2,133,586
FROZEN CONFECTION, COATING COMPOUND THEREFOR, AND PROCESS OF MAKING COATING COMPOUND
Otto C. Stanger and Alva Thompson, Chicago, Ill., assignors, by mesne assignments, to Corn Products Refining Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application January 16, 1936, Serial No. 59,407
14 Claims. (Cl. 99—136)

8. A product consisting of a frozen confection and an edible coherent coating which is solid at the temperature of the frozen confection and contains corn syrup and, as its solidifying ingredient, hydrate dextrose.

14. Process of making a coating for frozen confections which comprises mixing together approximately 300 parts of anhydrous dextrose, 50 parts of corn syrup, 2 parts of dextrose hydrate and beating the same to form a fine grained fondant; and adding to said fondant 175 parts of 45% dextrose solution, 7½ parts of gelatin dispersed in 50 parts of water, and 20 parts of fat.

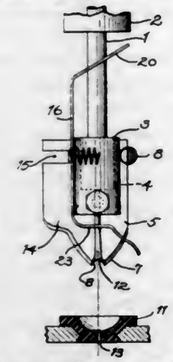
2,133,587
AUTOMATIC LIFT FOR BATHTUBS
John V. Stark, Penn Yan, N. Y.
Application June 11, 1937, Serial No. 147,774
2 Claims. (Cl. 4—185)

1. In combination with a bath tub or the like detachably disposed above a floor, a perforated fake bottom adapted to snugly fit in said bath tub for vertical movement therein, a plurality of cylinders in spaced apart relation attached to the under side of said bath tub and securely engaging the upper surface of said floor, pistons having shafts extending therefrom through the bottom of said tub and slidably mounted in said



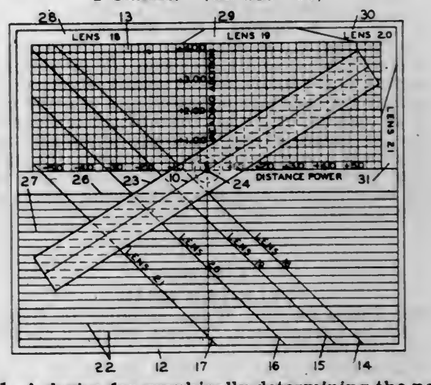
cylinders, said shafts being firmly attached to the under side of said false bottom and said cylinders having inlet ports co-operating with fluid pressure means and outlet ports co-operating with a valve outlet means, whereby the said false bottom can be raised or lowered.

2,133,588
FRUIT PITTER
Otto Steinwand, San Francisco, Calif., assignor to Sussman, Wormser & Co., San Francisco, Calif., a corporation of California
Application March 15, 1937, Serial No. 130,836
4 Claims. (Cl. 146—19)



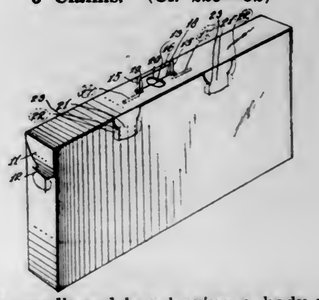
1. In a fruit pitter having a shaft carrying a reciprocating head for forcing a pit through and out of the fruit, the combination on said head of a blade wider than the fruit to be pitted and having a notch at the tip thereof, a pair of prongs extending substantially parallel with said blade on either side thereof and substantially alined with said notch, and means for forcing the halves of the pitted fruit downwardly off of said prongs and then forwardly to clear said blade, said means comprising an element having a portion parallel to the plane of movement of said reciprocating head and shaft, a portion extending obliquely therefrom and around said shaft, a second portion recurved toward said shaft and adapted to engage fruit on said blade and prongs, said obliquely extending element being positioned to be engaged by said reciprocating head during retraction thereof to cause movement of said recurved portion normal to the plane of movement of said reciprocating head.

2,133,589
GRAPH FOR LOCATING THE OPTICAL CENTER OF A MULTIFOCAL LENS
Scott Sterling, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application April 24, 1937, Serial No. 138,808
4 Claims. (Cl. 235—89)



1. A device for graphically determining the position of the optical axis of a multifocal lens comprising a rectilinear graph on which the abscissae indicate distance powers and the ordinates indicate the additional powers of the reading portions, a fiducial line rotatably mounted at the origin of said graph, a line crossing the zero abscissa at 45 degrees at a distance from the origin which is proportional to the separation between the center lines of the distance portion and the reading portion, and means for indicating the distance between the zero abscissa and the point of intersection of the fiducial line and the 45 degree line.

2,133,590
BOX
Charles A. Stopper, Philadelphia, Pa., assignor to Diamond Paper and Box Co., Philadelphia, Pa., a partnership of Pennsylvania
Application February 2, 1938, Serial No. 188,242
3 Claims. (Cl. 229—52)



1. In a cardboard box having a body portion and a cover, the top wall of said body portion having a slit extending longitudinally thereof intermediate its length, said cover having a top wall having a slit extending longitudinally thereof intermediate its length and an aperture therein at the mid-portion of the slit, and a U-shaped handle adapted to be passed upwardly through the slits in said walls, the legs of said U-shaped handle having outwardly directed extensions adapted to engage the under surface of the top wall of the body portion.

2,133,591

PROCESS FOR THE PRODUCTION OF ZEIN

Lloyd C. Swallen, Pekin, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y., a corporation of New Jersey

No Drawing. Application May 8, 1935, Serial No. 20,402
Renewed January 3, 1938
6 Claims. (Cl. 87—28)

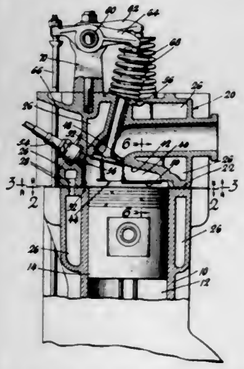
1. Process of removing oil and color from an aqueous alcohol solution of zein which comprises treating said solution with a volatile aromatic hydrocarbon solvent for maize-oil and coloring matter, in such quantity that the material is separated into two liquid layers, the lower containing zein, its solvent and some of the oil solvent, the upper layer containing oil, coloring matter and zein and oil solvents; and separating said layers one from the other.

2,133,592

CYLINDER HEAD

Alex Taub, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application August 28, 1935, Serial No. 38,170
5 Claims. (Cl. 123—191)



1. In an internal combustion engine, a cylinder, a cylinder head having a combustion chamber of uneven depth disposed with its center of greatest cross sectional area approximately in line with the axis of the cylinder bore and its center of volume eccentric thereto; valved ports in the chamber roof disposed respectively on opposite sides of longitudinal and transverse planes normally intersecting substantially in the cylinder axis, and an ignition device arranged at one side of the chamber in the space of greater depth.

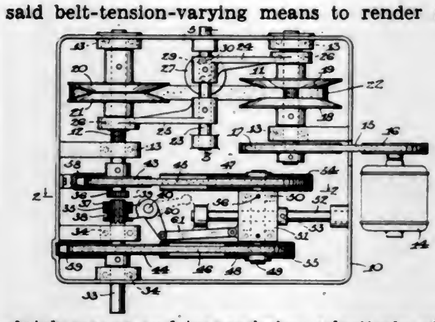
2,133,593

VARIABLE SPEED DRIVE

Herbert E. Tautz, Milwaukee, Wis.

Application December 24, 1936, Serial No. 117,545
4 Claims. (Cl. 74—217)

4. In combination, a pair of axially aligned rotatable members having respective pulleys, releasable clutch means for connecting said members, a counter-shaft having pulleys, belts connecting said counter-shaft pulleys with said first-named pulleys to form a speed-changing transmission, means for varying the tension on said belts to tighten and release said belts, and means for conjointly operating said clutch means and said belt-tension-varying means to render said



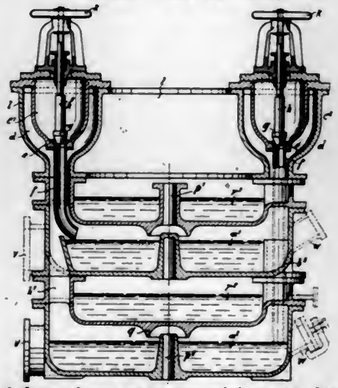
clutch means and transmission selectively effective.

2,133,594

FURNACE FOR PRODUCING SULPHUROUS GAS

Dario Teatini, Hougaerde, Belgium

Application May 15, 1936, Serial No. 79,984
In Belgium May 17, 1935
1 Claim. (Cl. 23—278)



A sulphur furnace, comprising at least two combustion hearths, a central air inlet provided for each hearth and a cooling jacket between each two adjacent hearths, an annular chamber surmounting the furnace, conduits situated around the peripheries of the combustion hearths and leading to said annular chamber, a gas outlet in said chamber, reservoirs for the preliminary melting of the sulphur arranged in the said annular chamber so as to be surrounded by the sulphurous gas produced, a charging opening in the upper part of the said reservoirs, conduits extending from the bottoms of the reservoirs to each of the combustion hearths, and means interposed between the conduits and the reservoirs for regulating the flow of molten sulphur into the conduits.

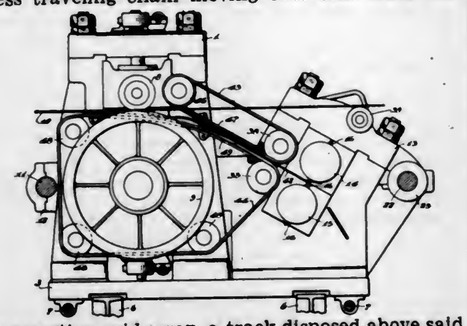
2,133,595

SIDE TRIMMING AND SCRAP CUTTING APPARATUS

George P. Thomas, Glenshaw, Pa.

Application October 15, 1937, Serial No. 169,130
14 Claims. (Cl. 164—10.6)

12. The combination with a machine for trimming scrap from the edge of a sheet by means of a rotary blade above the sheet offset outwardly relative to a rotary blade below the sheet, of means for cutting said scrap into short lengths, and a conveyor for guiding the scrap from the sheet to said cutting means, said conveyor comprising a track extending below said upper blade to a point adjacent said cutting means, an endless traveling chain moving over said track for



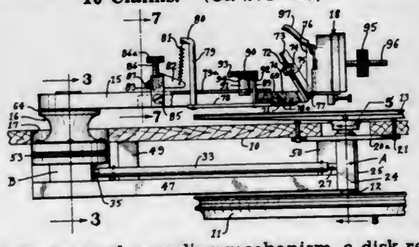
supporting said scrap, a track disposed above said scrap and extending to a point adjacent said cutting means, and an endless traveling chain moving along the lower surface of the upper track.

2,133,596

FEED MECHANISM FOR DISK RECORDING MACHINES

Lincoln Thompson, Cheshire, Conn.

Application April 23, 1936, Serial No. 75,923
10 Claims. (Cl. 274—13)



1. In a sound recording mechanism, a disk record turntable, a swinging recording arm extending over said table, feed means to swing said recording arm slowly over the surface of the record to be recorded, said feed means including a driven spindle, a hub, relatively weak friction slipping means for connecting said hub with said arm, and relatively strong friction means for braking said hub, whereby said arm may be swung with respect to said hub without introducing backlash in said feed means.

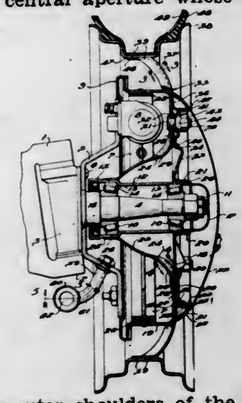
2,133,597

WHEEL

John Tjaarda, Birmingham, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan

Application October 3, 1935, Serial No. 43,317
Renewed March 9, 1938
6 Claims. (Cl. 301—6)

1. A wheel assembly comprising an elongated hub, a sheet metal brake drum with a substantially flat wall secured to the outer end of the hub, a sheet metal bell shaped bracing member having its small end secured to the inner end of the hub and a flat flange at its large end resting against and secured to the flat wall of the brake drum, a plurality of bolts projecting through the flange on the bracing member and the flat wall of the brake drum, the bolts lying on a circle concentric with the hub, a plurality of elongated bosses on the outer face of the flat wall of the brake drum, the bosses radiating out from the hub and having steep outer ends lying on a circle of smaller diameter than the bolt circle, a wheel having a substantially flat central portion fitting against the flat wall of the brake drum, the wheel having a central aperture whose edge engages



the steep outer shoulders of the bosses on the brake drum wall and having a plurality of holes through which the bolts project, and nuts on the bolts to secure the wheel in place.

2,133,598

MIRROR FOR SPIRIT LEVELS

John E. Torbert, Jr., National City, Calif.

Application March 4, 1936, Serial No. 67,147
1 Claim. (Cl. 88—94)



A mirror, a cross bar extending diametrically across the mirror and having a flat face secured in flat contacting engagement with the back of the mirror, said bar having end portions circular in cross section and forming pintles extending from opposite portions of said mirror, bearing blocks formed with openings rotatably receiving the pintles to pivotally mount the mirror, the bearing blocks being split to provide resilient arms engaged about the pintles and gripping the same to frictionally hold the mirror in an adjusted position, and substantially U-shaped clamps of resilient material carried by the bearing blocks and extending therefrom laterally of the pintles for engaging about a tube to detachably and adjustably connect the mirror therewith.

2,133,599

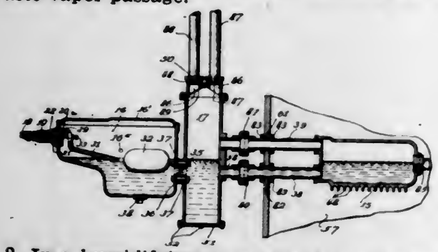
HUMIDIFIER BOILER

Lee L. Turney, Muskegon, Mich., assignor of one-half to William M. Tippett, Muskegon, Mich.

Application October 16, 1935, Serial No. 45,227
2 Claims. (Cl. 122—20)

1. A humidifying apparatus for supplying water vapor to the space heated by a heating plant, comprising a boiler, means for supporting the boiler within, and subject to the heat of, the combustion chamber of the heating plant, a settling chamber without the combustion chamber, a water feed conduit from the settling chamber to the boiler, a steam feed conduit from the boiler to the settling chamber, means for supplying water to the settling chamber to maintain a water level therein above the water feed conduit and below the steam feed conduit, a vapor discharge conduit from the settling chamber above the water level for delivering vapor to the air

heated by the plant, a waste vapor passage also communicating with the settling chamber above the water level, and a damper mounted in the settling chamber to swing between two positions, one position shutting off the vapor discharge conduit and the other position shutting off the waste vapor passage.



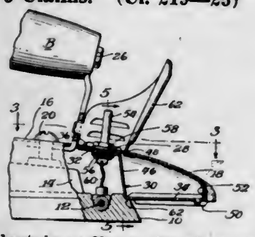
2. In a humidifying apparatus, in combination a fire door, a fitting mounted thereon having a pair of bores open to both sides of the door, a boiler on the inside of the door, a precipitation chamber on the outer side of the door, and pipes passing through said bores connecting said boiler and chamber and slidable therein, whereby the boiler may be moved outwardly into a position to enable the door to be opened.

2,133,600

TERMINAL POST SUPPORT AND HEEL COVER

Norman D. Vea, Dover, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri

Application March 12, 1938, Serial No. 195,534
5 Claims. (Cl. 219—25)



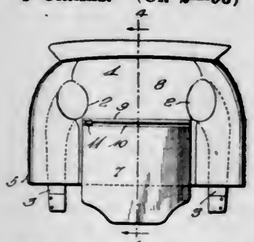
5. In an electric sadiron structure a base comprising a sole plate and shell held together as a unit, a pair of terminal posts, means forming an opening in the shell for the terminal posts, and a support for said posts comprising a bent metal plate having a portion positioned in said opening forming a mounting for said terminal posts, said plate being supported in the base by a pressure engagement therewith at three or more isolated points.

2,133,601

GARMENT

John Charles Ward, Baltimore, Md.

Application December 9, 1937, Serial No. 178,986
3 Claims. (Cl. 2—93)



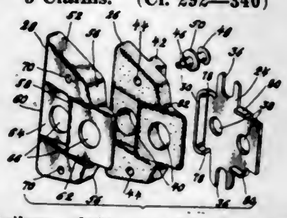
1. The combination with a coat, jacket or like garment, of an apron-like gap-concealing attachment secured at its upper edge to the inner side of the back of the garment at a point above the lower edge of the garment and approximately in line with the lower edges of the armholes thereof and having a lower free edge depending below the lower edge of the garment.

2,133,602

STRIKER PLATE

Ronald J. Waterbury, Birmingham, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application January 4, 1936, Serial No. 57,460
5 Claims. (Cl. 292—340)



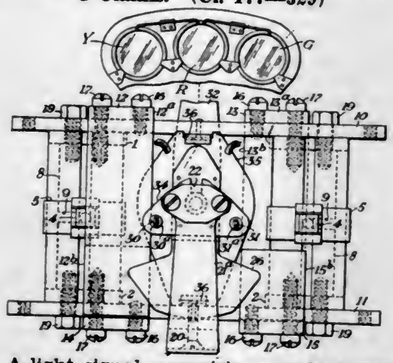
1. A striker plate construction for vehicle doors, a base plate, a rubber pad over the base plate, a striker plate over the rubber pad, said base plate, striker plate, and pad having a plurality of mating openings to enable the passage of securing means to fasten the construction to a door pillar, projecting portions on the pad extending beyond the base plate, and a plurality of fastening means passing through the pad and projecting portions and through the striker plate to form the means for holding the parts together.

2,133,603

LIGHT SIGNAL

Wesley B. Wells, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application June 10, 1936, Serial No. 84,501
3 Claims. (Cl. 177—329)



3. A light signal comprising an electroresponsive device including a rotor having two depending armatures connected by a magnetizable core, said rotor being rotatable between two extreme positions, an upwardly extending spectacle arm secured to the rotor, said spectacle arm and said armatures being so proportioned that said spectacle arm is substantially counterbalanced by said armatures, means for reversibly supplying flux to said rotor, a first pair of constantly magnetized pole pieces of opposite polarity disposed on opposite sides of the vertical plane passing through the axis of said rotor and having pole faces disposed in the same vertical plane and separated from the one armature adjacent its lower end by vertical air gaps in such manner that the one pole piece of said first pair will attract and the other will repel said armature or vice versa according as said rotor is supplied with flux of one polarity or the other, and a second pair of constantly magnetized pole pieces of opposite polarity disposed on opposite sides of the vertical plane passing through the axis of said rotor and having pole faces disposed in the same vertical plane and separated from the other armature adjacent its lower end by vertical air gaps in such manner that the one pole piece of said second pair will attract and the other pole piece will repel said other armature or vice versa according as said rotor is supplied with flux of one polarity or the other, said two pairs of pole pieces being so arranged that the torques exerted on the rotor by both armatures at any instant will be additive.

2,133,604

METHOD OF MANUFACTURING KNIFE-EDGE MEMBERS FOR KNIFE-EDGE BEARINGS

Wesley B. Wells, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Original application October 16, 1934, Serial No. 748,506, now Patent No. 2,069,908, dated February 9, 1937. Divided and this application August 15, 1936, Serial No. 96,277
3 Claims. (Cl. 29—149.5)

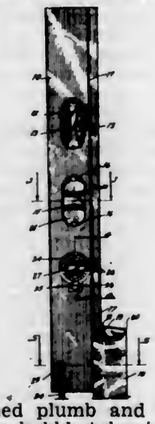
1. The method of constructing knife-edge members for knife-edge bearings which consists in making a plurality of angularly spaced radial cuts into the end face of a solid rod of bearing-member stock, severing the resulting longitudinally extending sections of said stock from the remaining solid portion of the rod, and converting the severed segmental sections into finished knife-edge-bearing members.

2,133,605

PLUMB AND LEVEL

Alfred Wikstrom, Denver, Colo.

Application December 14, 1937, Serial No. 179,631
10 Claims. (Cl. 33—85)



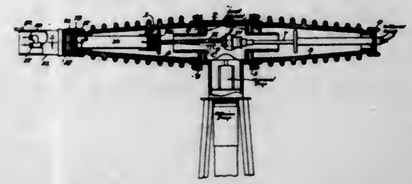
1. A combined plumb and level comprising: a level member; bubble tubes in said member for determining horizontals and perpendiculars; a metallic edge member along one edge of said level member having a slot in its face, said edge member being magnetized so that the opposite edges of said slot will be magnetic poles.

2,133,606

X-RAY GENERATING DEVICE

Jesse W. M. Du Mond, Pasadena, Calif.

Application April 28, 1937, Serial No. 139,507
6 Claims. (Cl. 250—35)



1. An X-ray generating device which comprises: an evacuated envelope; a tubular standard secured to said envelope and extending interiorly thereof, said tubular standard cooperating with said evacuated envelope to define a housing structure for said device; a target member disposed within said envelope; an elongated target support arm carrying said target member and pivotally secured to said standard at a point outwardly removed from said target member; flexible metallic sealing means hermetically secured to said standard and said support arm adjacent the point of pivotal attachment of said support arm; a cathode member disposed within said envelope and adapted to produce a stream of electrons directed toward and against said target member; driving means for producing gyratory movement of said support arm to cause the axis thereof to describe a cone having its apex at the center of pivotal support of said arm and thereby cause said target to undergo approximately a circular motion of translation, in the absence of actual rotation, while remaining in position to receive said electron stream, whereby the focal spot produced by said electron stream on said target is caused to describe a cyclic path on the surface of the target; and fluid circulating means associated with said target member for conducting heat therefrom.

2,133,607

ARTICLE CONTAINER AND STAND

William Ehrlich, Chicago, Ill., assignor of forty-five per cent to Albert J. Fihe, Chicago, Ill.

Application June 28, 1933, Serial No. 677,989
5 Claims. (Cl. 206—44)



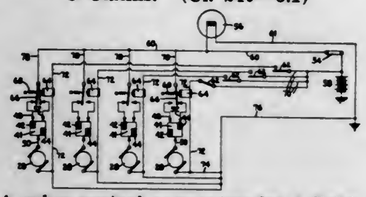
1. An article container and display support, comprising a band, a supporting platform adapted to be associated with the band, said supporting platform provided with integral projections for insertion in corresponding slots in the band, and means for aligning the projections and slots in assembly, said means comprising a pair of relatively small adjacent projections separated by a distinctive notch.

2,133,608

COLOR SCREEN CONTROL

Richard C. Engelken, Clifton, N. J., assignor to Kliegl Bros. Universal Electric Stage Lighting Co., Inc., New York, N. Y., a corporation of New York

Application April 2, 1936, Serial No. 72,441
8 Claims. (Cl. 240—3.1)



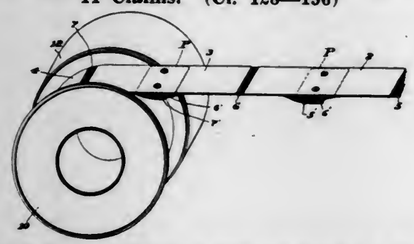
1. A color control apparatus for a light, comprising in combination, a color screen having operative and inoperative positions, an electric motor operatively connected to said screen, a manually operated switch for placing said motor in circuit with a source of electric motive power for operating said motor, and control means actuated by said motor for causing said motor to turn only a predetermined number of revolutions whereby said screen is moved from one of said positions to the other.

2,133,609

SURGICAL DRESSING

Warner Eustis, Newton, Mass., assignor to The Kendall Company, Walpole, Mass., a corporation of Massachusetts

Application July 20, 1934, Serial No. 736,177
11 Claims. (Cl. 128—156)



8. A surgical dressing strip comprising a series of individual adhesive surgical dressings having at both ends of each dressing, portions coated with a pressure-sensitive adhesive, and a series of connective pieces adhering to said adhesive portions of said dressings, each of said connective pieces being free of said adhesive at both ends and each of said connective pieces also serving to hold together two adjacent surgical dressings to form a continuous strip from which individual dressings may be separated.

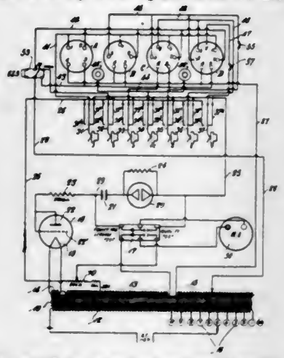
2,133,610

TUBE TESTING APPARATUS

Floyd Fausett, Greenwood, Miss., assignor to Supreme Instruments Corporation, Greenwood, Miss.

Application January 23, 1936, Serial No. 60,511
13 Claims. (Cl. 250—27)

1. In a tube testing device, an electrical supply system comprising two bus wires, a tube socket for receiving a tube to be tested, a plurality of terminals associated with said socket adapted to make electrical connection with the elements of the tube, switching means connected with a plurality of said terminals adapted to connect them normally to one of said bus wires and selectively to disconnect individual terminals from said first bus wire and to connect the same to the second bus wire by the operation of said switch-



ing means, and a gaseous glow device in one of said bus wires adapted to detect short-circuit and leakage conditions between the elements of the tube when one of the elements contributing to this condition is connected to the second bus wire.

2,133,611

WIRE SPRING FOR CUSHIONED SEATS OF VEHICLES

Morris Freund, Cleveland, Ohio, assignor, by direct and mesne assignments, of one-half to Jacob Kronheim, Shaker Heights, Ohio, and one-half to John C. Lincoln, Scottsdale, Ariz.

Application March 12, 1936, Serial No. 68,417
4 Claims. (Cl. 155—179)

1. A spring for cushioned seats or the like comprising a horizontally corrugated seating portion, an integral rearwardly and downwardly extended front supporting portion, and an integral corrugated curved rear supporting portion including an upper rearwardly and downwardly extended portion shorter in length than said front supporting portion, said rear supporting portion being formed by curving the rear end of said corrugated seating portion downwardly.

2,133,612

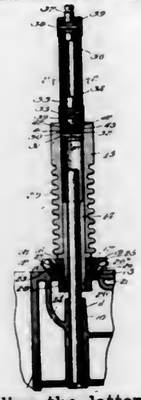
VALVE SEAT GRINDING TOOL

John E. Gallivan, Champaign, Ill., assignor to Automotive Maintenance Machinery Co., Chicago, Ill., a corporation of Illinois

Application December 31, 1934, Serial No. 759,810
8 Claims. (Cl. 51—241)

7. In a valve seat grinding tool, a rotatable body member, an abrasive supporting head on one end of said body and having longitudinally extending and comparatively deep grooves therein, an abrading element mounted upon said head and having indentations of lesser depth than said head grooves adapted to project into said head grooves, means beneath said abrading element and engaging said element within said indentations for securely holding the abrading element upon said head, said body having a part extending

beneath said means, and a retaining member detachably mounted on said body part beneath said



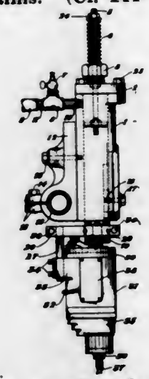
means for holding the latter in operative position against the abrading element.

2,133,613

DRILLING MACHINE

Edward M. Gardner, New Albany, Ind., assignor to S. J. Gardner Foundry & Machine Co., Incorporated, New Albany, Ind., a corporation of Indiana

Application May 19, 1937, Serial No. 143,539
10 Claims. (Cl. 144—112)



2. A supporting structure for a power driven rotary tool comprising, a table; a pair of substantially vertical posts mounted on said table; a cross beam having a vertically-adjustable supporting-connection with each of said posts, each of said connections being provided with a radial adjustment whereby said beam may be angularly adjusted with respect to said posts; and a carriage for said power driven rotary tool, horizontally movable on said beam, being constructed and arranged so that said tool may be adjusted in a plane at right angles to said beam by adjustably rotating said carriage about said beam.

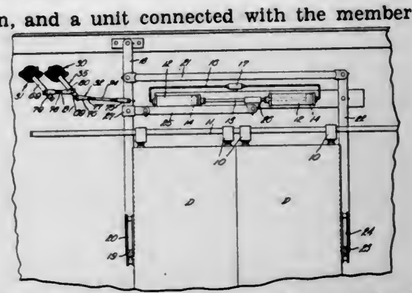
2,133,614

CLOSURE CONTROL

George W. Gardiner, Los Angeles, Calif.

Application February 2, 1937, Serial No. 123,580
18 Claims. (Cl. 16—58)

1. In a door operating mechanism, a member movable in opposite directions, a unit connected with the member governing the speed of its movement in one direction and checking its final movement to the end of its stroke in said direction, and a unit connected with the member to



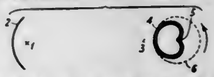
govern the speed of its movement in the other direction and operating to check its final movement to the end of its stroke in said other direction.

2,133,615

ULTRA-SHORT WAVE RECEIVING SYSTEM

Ernst Gerhard, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application January 21, 1936, Serial No. 60,016
In Germany January 5, 1935
7 Claims. (Cl. 250—20)



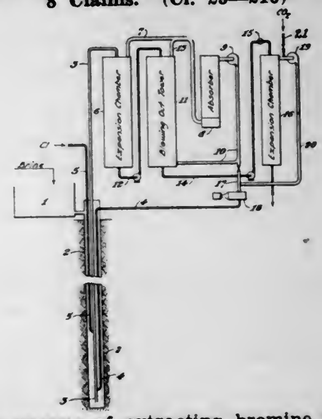
1. The method of signaling which comprises the steps of transmitting an unmodulated ultra-high frequency carrier wave, receiving said wave over two paths in space, one of which is a direct path and the other is an indirect path in which is interposed a reflecting surface, said surface being cyclically varied in such a manner as to correspondingly modify the frequency of the carrier wave at the receiver by the Doppler's effect, heterodyning the two received frequencies, and detecting the cyclically varied beat frequency.

2,133,616

PROCESS FOR RECOVERING BROMINE

John J. Grebe and Leonard C. Chamberlain, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

Application March 1, 1937, Serial No. 128,419
8 Claims. (Cl. 23—216)



2. A process of extracting bromine from an alkaline brine which comprises saturating such

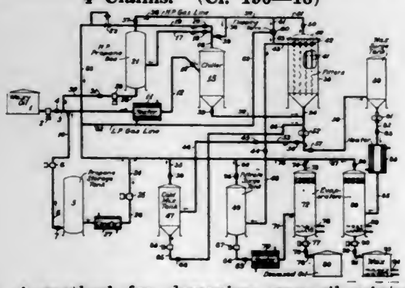
brine with carbon dioxide under superatmospheric pressure sufficient to produce in the brine an acid reaction corresponding to a pH value lower than about 4.4, oxidizing to liberate free bromine in the brine, reducing the pressure to not less than 2 atmospheres to cause an evolution of carbon dioxide gas which simultaneously vaporizes a portion of the bromine, passing the evolved gas in countercurrent to such brine to vaporize additional bromine therefrom, absorbing the vaporized bromine from the gas, recompressing the residual carbon dioxide and returning the same to the first step.

2,133,617
FOUNTAIN PEN
Benjamin W. Hanle, Elizabeth, N. J., assignor to Eagle Pencil Company, New York, N. Y., a corporation of Delaware
Application March 11, 1937, Serial No. 130,229
20 Claims. (Cl. 120—46)



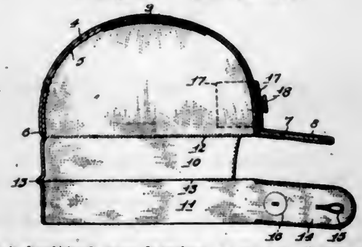
1. A mechanism for deflating the ink sac of a fountain pen including a spring bar, a slide plunger, means operable upon the outward slide movement of said plunger for bowing said spring bar into deflating relationship with respect to said ink sac, and means actuated by the spring action of said bar for restoring said slide plunger to its original position.

2,133,618
METHOD FOR OPERATING DEWAXING SYSTEMS
Basil Hopper and Kenneth Kingman, Palos Verdes Estates, Calif., assignors to Union Oil Company of California, Los Angeles, Calif., a corporation of California
Application March 25, 1935, Serial No. 12,771
4 Claims. (Cl. 196—18)



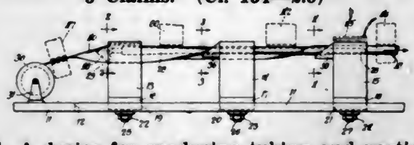
1. A method for dewaxing wax-oil mixtures which comprises commingling a wax-oil mixture with a liquefied normally gaseous diluent under superatmospheric pressure, chilling said commingled wax-oil mixture and diluent by vaporizing a portion of the diluent in a high pressure range stage and a low pressure range stage, separately collecting the vaporized diluent from the high pressure range stage, utilizing the vaporized diluent from the high pressure range stage to transfer the chilled mixture of wax, oil and remaining diluent to a filter and filtering said chilled mixture to separate wax therefrom.

2,133,619
KNITTED CAP
David Hutton, St. Paul, Minn., assignor to Straus Knitting Mills, St. Paul, Minn., a copartnership
Application April 22, 1937, Serial No. 138,391
2 Claims. (Cl. 2—201)



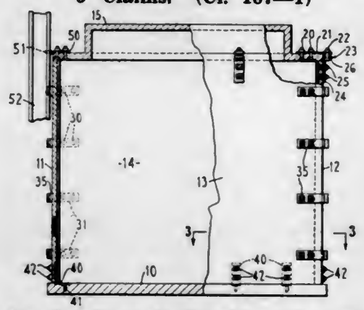
1. A knitted cap having a crown formed from two thicknesses of loose knit material, a visor portion integral with said crown and comprising two thicknesses of said material, a strip secured to the rear and side portions of the crown at the normally lower edge thereof and adapted to be folded upon the outer surface of the crown, a second strip extending in parallel relation to said first mentioned strip and united thereto along the free edge of the same, the line of union of said first and second strips constituting a fold line for the strips, tab extensions on the front ends of said second strip, said extensions and strips being rack knitted and each comprising a single thickness of material and means carried by said extensions and crown for securing said strips in folded position around the crown or in extended position, beneath the chin of the wearer.

2,133,620
MEANS FOR MAKING TUBULAR INSULATION
Hans D. Isenberg, Chicago, Ill.
Application April 8, 1935, Serial No. 15,265
3 Claims. (Cl. 154—2.5)



1. A device for producing tubing and particularly insulating tubing comprising, a support, a plurality of stationary forming dies adjustably secured on said support in a straight row and in predetermined spaced relation to each other, a mandrel extending from said first die through the successive dies into the last die in said row, means for supporting a supply of tape material at one end of said row of dies, said tape material extending through said dies, means at the other end of said row of dies for continuously moving said material through said stationary dies whereby said material is circumferentially rolled around said mandrel to form said tubing, and means for applying adhesive to said material during the folding thereof, said stationary dies being arranged to roll only one side of said continuously moving tape material progressively around said mandrel to form said tubing.

2,133,621
ELEVATOR CAB
Louis Elihu Klein, Bronx, N. Y.
Application June 8, 1938, Serial No. 212,425
5 Claims. (Cl. 187—1)

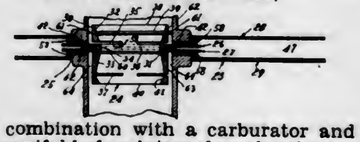


1. An elevator cab in which the walls are secured together by a series of inter-connecting joints, said joints permitting a slight vertical movement of said walls in relation to each other, thus permitting skewing of the cab without separation of the walls, each of said inter-connecting joints comprising a pair of plates having parallel slots in engagement with each other.

2,133,622
CEMENT PROCESS AND PRODUCT
Harry M. Larmour and Stephen C. Pierce, Jr., Merced, Calif., assignors to Yosemite Portland Cement Corporation, Merced, Calif., a corporation of Delaware
No Drawing. Application June 12, 1934, Serial No. 730,262
16 Claims. (Cl. 106—25)

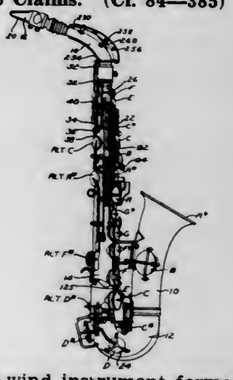
1. In the process of manufacturing cement, the steps which comprise adding to red-hot Portland cement clinker as discharged from the clinkering kiln, a material adapted to combine with said clinker at elevated sustained heat, and introducing additional heat to the mixture and maintaining it at an elevated temperature while tumbling it about until the desired combination has taken place.

2,133,623
GAS MIXING DEVICE
William J. Linn, Pittsburgh, Pa.
Application August 18, 1937, Serial No. 159,684
5 Claims. (Cl. 48—180)



2. In combination with a carburator and the intake manifold of an internal combustion engine, a Venturi member having a straight outer wall surface and downwardly and upwardly flaring inner wall surfaces, said outer wall surface provided about midways with a horizontal annular shoulder, a plurality of horizontally disposed plates fitting snugly about said shoulder and having a combined thickness substantially equal to the thickness of the shoulder, means to secure said plates between said connecting ends of the carburator and intake manifold, the outer wall of said Venturi member being of smaller diameter than the inner wall of the corresponding connecting ends of said carburator and manifold thereby forming a cylindrical chamber between said wall surfaces; said plates dividing said chamber into upper and lower sections, when in position, and horizontal slotted ports in said Venturi member above and below the plates to facilitate communication between said sections and the flared interior of said Venturi member.

2,133,624
WOOD-WIND INSTRUMENT
Allen Loomis, Elkhart, Ind., assignor to C. G. Conn, Ltd., Elkhart, Ind., a corporation of Indiana
Application December 21, 1936, Serial No. 116,948
15 Claims. (Cl. 84—385)



13. A wood-wind instrument formed with two octave holes, a first pad for closing one of said holes, a second pad for closing the other hole, a rocking lever interconnecting the pads, a pivot for the rocking lever, a first spring means urging the pivot down to close both octave holes, a second spring means acting between the pivot and the first pad urging the lever up, a third spring means urging the first pad down the first and third spring means each being stronger than the second spring means, means for relieving the first spring means whereby the second spring means swings the rocking lever about the first pad as an axis raising the second pad and the pivot, means for therefter relieving the third spring means whereby the second spring means rocks the rocking lever about its pivot lowering the second pad and raising the first, a fourth spring means acting on the pivot independently of said other spring means to hold it down, and means to relieve the pressure of said fourth spring means.

2,133,625
WOOD-WIND INSTRUMENT
Allen Loomis, Elkhart, Ind., assignor to C. G. Conn, Ltd., Elkhart, Ind., a corporation of Indiana
Original application December 21, 1936, Serial No. 116,948. Divided and this application September 17, 1937, Serial No. 164,341
7 Claims. (Cl. 84—385)

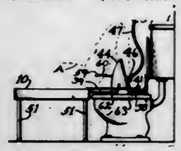
1. A wood-wind instrument having tone holes provided with pads having operating keys and having four normally-closed octave holes provided with pads, and having an operating key associated with the octave holes, and connecting mechanism rendered operative by the octave-hole key

and including separately-operable parts actuated by certain of the operating keys for the tone holes



to selectively singly open the octave holes independently of each other and at the same time to close the three octave holes not so opened.

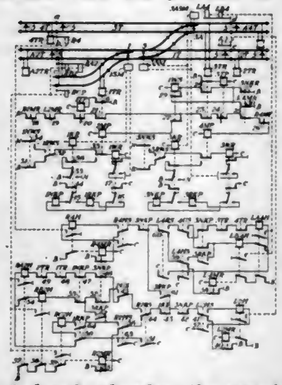
2,133,626
PORTABLE COLONIC IRRIGATOR
Frederick A. Mayberry, Wichita, Kans.
Application September 14, 1936, Serial No. 100,701
3 Claims. (Cl. 128—227)



3. In a portable colonic irrigating device, a case for the housing of said device, a drainage element and a table like element, formed from a part of said case, said drainage element having a detachable shield carried thereon and flexibly supporting an irrigating tube and means for supplying liquid through said tube, the combination of said drainage element adapted to be supported on a water closet in position for drainage therein and said table-like element adapted to be positioned before the water-closet so that the table like element and drainage element form a support for a patient, substantially as shown and described.

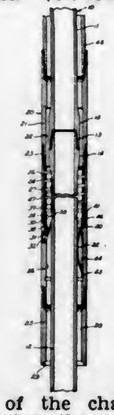
2,133,627
RAILWAY TRAFFIC CONTROLLING APPARATUS
Ronald A. McCann, Swissvale, and Henry S. Young, Wilkinsburg, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application July 8, 1936, Serial No. 89,602
23 Claims. (Cl. 246—134)

1. In combination, a traffic route including a railway track switch, a signal at each end of the route to govern the movement of traffic in opposite directions over the route, a switch locking relay for each signal, manually controllable switch control means effective to control the switch only when said locking relays are energized, a signal control relay for each signal, a manually controllable pickup circuit for each signal control relay closed only when the locking relay for the opposing signal is energized and the signal control relay for the opposing signal is deenergized, a manually controllable stick circuit for each signal control relay, an energizing circuit for each locking relay closed only when the associated signal control relay is deenergized, and a circuit for clearing each signal controlled in accordance with the position of the track



switch and closed only when the associated signal control relay is energized and the signal control relay for the opposing signal is deenergized.

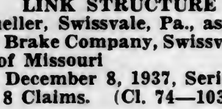
2,133,628
WELL PIPE CUTTER
Ira J. McCullough, Los Angeles County, Calif.
Application March 29, 1938, Serial No. 198,679
15 Claims. (Cl. 164—0.6)



1. In a device of the character described adapted to cut a pipe, the combination of: a body member; a cutter blade pivoted to said body member and movable from retracted position to cutting position; cutter blade actuating mechanism including a yieldable element for moving said cutter blade from retracted to cutting position; and means substantially immovably connected to said cutter blade actuating mechanism for frictionally engaging said pipe while said body member is being moved relative to the pipe in one direction so as to oppose the action of said yieldable element and prevent said cutter blade actuating mechanism from moving said cutter blade from retracted to cutting position.

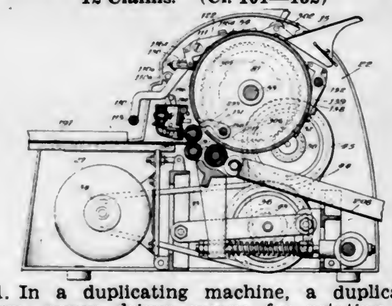
2,133,629
CELLULOSIC CONTAINER
Maximilian C. Meyer, Brooklyn, N. Y.
Application April 22, 1937, Serial No. 138,324
3 Claims. (Cl. 229—3.5)

1. A container as described constructed of a cellulose derivative having a peripheral wall, comprising a strip of material having reinforcing strands cemented along the edges thereof, and a



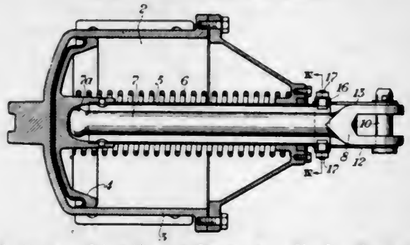
bottom wall cemented to the edge of the peripheral wall and the adjacent strand.

2,133,630
DUPLICATING MACHINE
Robert F. Morrison, Oak Park, Ill., assignor to Ditto, Incorporated, Chicago, Ill., a corporation of West Virginia
Application June 19, 1937, Serial No. 149,083
12 Claims. (Cl. 101—132)



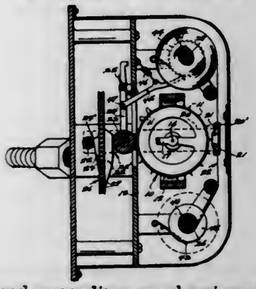
1. In a duplicating machine, a duplicating drum, power driven means for rotating said drum, means actuated by said power driven means for intermittently and operatively connecting said drum to said power driven means whereby said drum comes to a full stop at the end of each cycle of operation and begins the next cycle of operation after a predetermined period of time has elapsed, means including a member which may be made functionally inoperative for controlling said connecting means, and means for actuating said connecting means manually while said member is functionally inoperative whereby the interval between two cycles of operation is controlled both by the operator and said connecting means.

2,133,631
LINK STRUCTURE
Emil G. Mueller, Swissvale, Pa., assignor to The American Brake Company, Swissvale, Pa., a corporation of Missouri
Application December 8, 1937, Serial No. 178,775
8 Claims. (Cl. 74—103)



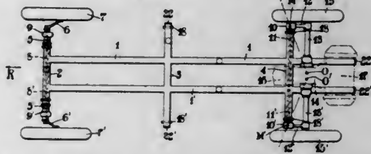
1. In combination, a lever, a cylinder for actuating said lever comprising a casing, a piston in said casing driving a hollow piston rod, a push rod rockably mounted in said piston rod and operatively connected to said lever, and means pivotally connected to said piston rod and to said push rod for permitting said push rod to rock relative to said piston rod and to prevent relative longitudinal movement between the rods.

2,133,632
SPEED-RECORDING MECHANISM
Matti Niemi, Seattle, Wash.
Application July 14, 1936, Serial No. 90,533
8 Claims. (Cl. 234—33)



8. A speed-recording mechanism for vehicles comprising the combination of a speed-governed torsionally-movable drum provided about its periphery with tape-marking means located equidistantly in a helical arrangement, a record-receiving tape associated therewith, and means whereby recordings are made on said tape from the drum indicating vehicle speed at fixed distance-spaced intervals during vehicle travel.

2,133,633
MOTOR VEHICLE CHASSIS
Karl Rabe and Walter Boxan, Stuttgart, Germany; said Boxan assignor to Dr. Ing. h. c. F. Porsche G. m. b. H., Stuttgart, Germany
Application June 5, 1935, Serial No. 25,139
In Germany March 5, 1934
16 Claims. (Cl. 280—106.5)

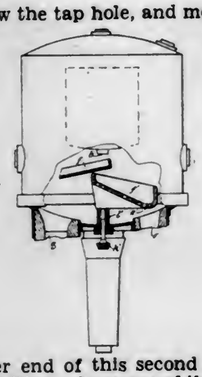


9. In a vehicle, in combination, a frame consisting of a plurality of hollow longitudinal and transverse supporting members, wheels for said vehicle, a pair of swinging members for connecting one of said wheels to said frame independently of the other wheels, at least one of said swinging members being journaled wholly within one of said hollow frame members, and spring means within said last hollow frame member attached at one end to said journal swinging member and at its other end to said frame.

2,133,634
ELECTRIC INDUCTION FURNACE
Wilhelm Rohn, Hanau-on-the-Main, Germany
Application November 10, 1936, Serial No. 110,128
In Germany December 6, 1935
2 Claims. (Cl. 22—57)

1. In an electric furnace operated in vacuo and provided with evacuated molds located beneath the bottom of the melting vessel and means for withdrawing the molten charge into these molds, a container of a material resistant to the molten charge, a trough situated with one end below the tap hole and with the other end above the said container, means operated from the outside for swinging the trough aside, a second movable trough beneath the first trough located with its

one end below the tap hole, and means for bring-



ing the other end of this second trough successively into positions above one of the said molds.

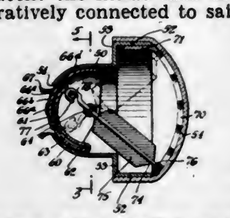
2,133,635
DOLL
Edward G. Schaeffer, Brooklyn, N. Y., assignor to American Character Doll Co., Inc., New York, N. Y., a corporation of New York
Application July 28, 1936, Serial No. 92,947
11 Claims. (Cl. 46—169)



1. An eyeball assembly for dolls including, a housing member having a dome-shaped portion and a separate cover portion, an eye opening in said dome-shaped portion, an eyeball member comprising an arcuate shell pivotally mounted within said dome-shaped portion and adjacent the eye opening in the dome-shaped portion thereof, said eyeball member having an eye representation applied thereto, an eyelid representation fixed to said eyeball member above said eye representation, and means contained within said housing member and enclosed by said cover portion for manipulating said eyeball member upon predetermined movement of said housing so as to selectively bring said eye representation and said eyelid representation into view through the eye opening in said dome-shaped portion.

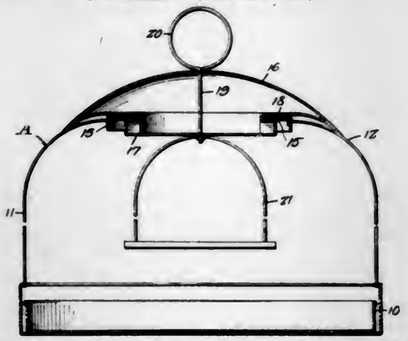
2,133,636
DOLL
Edward G. Schaeffer, Brooklyn, N. Y., assignor to American Character Doll Co., Inc., New York, N. Y, a corporation of New York
Original application July 24, 1936, Serial No. 92,333. Divided and this application October 21, 1937, Serial No. 170,178
7 Claims. (Cl. 46—169)

7. An eye unit adapted to be inserted in a doll head including, a housing having a dome-shaped portion and a continuous laterally projecting rim portion, a closure member telescoping over said rim portion, a dome-shaped eyeball pivotally mounted in said dome-shaped portion, and means entirely contained within said housing operative to move said eyeball by successive stages to closed position when the doll is placed in reclining position and given a sidewise rocking movement, said means including a plate member having an elongated slot therein positioned adjacent the inside face of said closure, means operatively connected to said eyeball de-



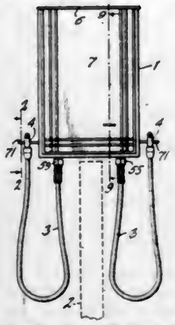
signed to pivot said eyeball to open and closed position, and barbs projecting inwardly into said slot so as to cause said pivoting means to describe a zig-zag path as it is moved along said slot.

2,133,637
CAGE CONSTRUCTION
Max L. Shulman, Washington, D. C.
Application August 20, 1937, Serial No. 160,174
3 Claims. (Cl. 119—17)



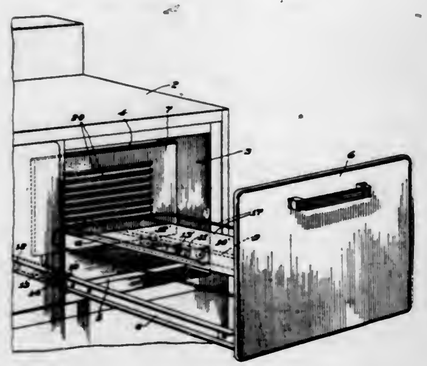
1. A cage having a top, an opening in said top and a perch holder and perch secured to said top at said opening; said opening having slots extending therefrom in opposite directions forming an opening of greater dimension than the first named opening whereby a perch having a length greater than the first named opening and less than the second opening may pass through the opening and be removed from the cage.

2,133,638
METHOD AND APPARATUS FOR APPLYING LIQUIDS TO SCALP HAIR
Adolph K. Singerman, Buffalo, N. Y.
Application March 30, 1938, Serial No. 199,055
19 Claims. (Cl. 132—9)



1. The method of applying a liquid to hair on the scalps of persons, which comprises forcing a small, rod-like stream of said liquid against a mass of said hair with sufficient force and velocity to penetrate said mass and reach the scalp, and then combing the hair to work the applied liquid outwardly through the mass to wet it uniformly.

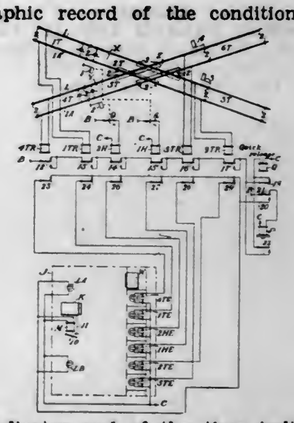
2,133,639
RANGE
Albert L. Smith, Medway, Harold M. Parsons, Arlington, and Randall Quessy, Cambridge, Mass., assignors to Walker & Pratt Manufacturing Co., Boston, Mass., a corporation of Massachusetts
Application July 24, 1936, Serial No. 92,332
5 Claims. (Cl. 126—340)



2. In a range, an oven structure comprising an oven chamber, an open-sided oven drawer mounted in said chamber for horizontal sliding movement into and out of said chamber, means in said drawer for adjustably supporting horizontal racks on which the cooking utensils rest, said means supporting said racks for horizontal sliding movement laterally of the drawer into and out of the drawer, and means for arresting the opening movement of said drawer before it reaches its fully open position and while the rear ends of said racks are still within the oven, said arresting means being releasable to permit a further opening movement of said drawer, and means for stopping the latter movement at a predetermined point after the racks have cleared the oven.

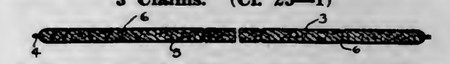
2,133,640
RECORDING MECHANISM FOR RAILWAY TRAFFIC CONTROLLING APPARATUS
Howard A. Thompson, Edgewood, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application July 15, 1935, Serial No. 31,298
14 Claims. (Cl. 246—107)

2. In combination, a section of railway track, a visual indicator, a clock, a normally energized relay which becomes momentarily deenergized when a train enters or leaves said section, means effective when said relay is deenergized to cause said visual indicator to assume one or another condition depending upon whether said section is occupied or unoccupied respectively by such train, and means controlled by said relay for making a photographic record of the condition of said



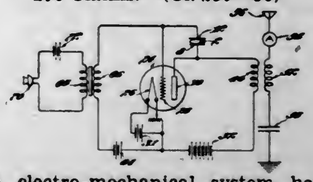
visual indicator and of the time indicated by said clock.

2,133,641
COVERING FOR FRESHLY POURED CONCRETE
William M. Tompkins, Corpus Christi, Tex.
Application February 17, 1936, Serial No. 64,264
3 Claims. (Cl. 25—1)



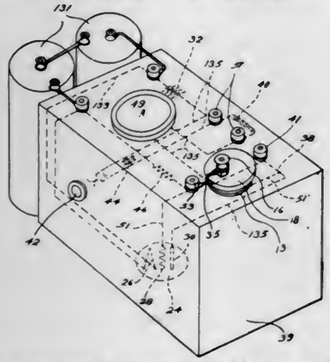
1. Covering means for fresh concrete comprising an elongated flat body consisting of a casing formed of two sheets of absorbent material, a filling material of an absorbent character within the casing, and means connecting the sheets of the casing to maintain the body in a flat condition, said body having a portion of one side, along each longitudinal edge, stitched flat against the opposite side to provide a flange-like extension along each longitudinal edge for coaction with the extension of an adjacent body to facilitate the close positioning of a number of bodies over the concrete.

2,133,642
ELECTRICAL SYSTEM
George W. Pierce, Cambridge, Mass.
Application February 25, 1924, Serial No. 695,094
Renewed April 18, 1930
106 Claims. (Cl. 250—36)



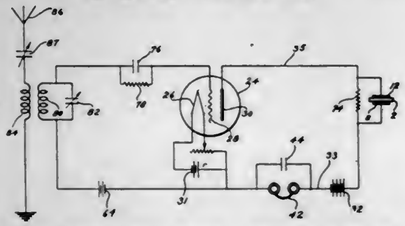
1. An electro-mechanical system having, in combination, a vacuum tube, a grid circuit and a plate circuit through said tube, an electro-mechanical vibrator having two electrodes serving conjointly both for stimulation and response, one of said electrodes being connected to a point on the plate circuit and the other of said electrodes being connected to a point on the grid circuit, and so disposed as to maintain oscillations with the frequency of a mode of vibration of the electro-mechanical vibrator, said frequency being substantially independent of electrical tuning of any of said electric circuits.

2,133,643
ELECTRICAL SYSTEM AND APPARATUS
George W. Pierce, Cambridge, Mass.
Application March 29, 1926, Serial No. 98,220
120 Claims. (Cl. 250—36)



1. A piezo-electric-crystal holder comprising, in combination, a housing provided with a base plate, means for locating a piezo-electric crystal within said housing and contacting with said base plate, means for hermetically sealing said housing to atmosphere, and means for establishing electrical connection with the other side of said piezo-electric crystal and a point exterior of said housing.

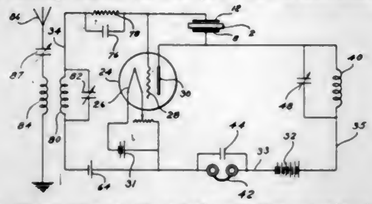
2,133,644
ELECTRICAL SYSTEM
George W. Pierce, Cambridge, Mass.
Application January 9, 1928, Serial No. 245,310
18 Claims. (Cl. 250—36)



1. An electromechanical system having, in combination, vacuum-tube apparatus comprising three electrodes, namely, a filament, a grid and a plate, a condenser and an inductance connected with the filament electrode and the grid electrode in parallel relation, an electromechanical vibrator having only two electrodes serving both for stimulation and response, and means connecting the vibrator electrodes with the filament electrode and the plate electrode to cause said system to oscillate with a frequency determined by said electromechanical vibrator.

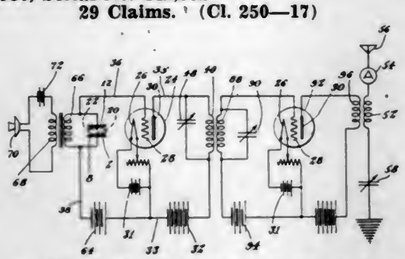
2,133,645
ELECTRICAL SYSTEM
George W. Pierce, Cambridge, Mass.
Application January 14, 1928, Serial No. 246,862
24 Claims. (Cl. 250—20)

1. An electric-wave receiving system having, in combinaiton, means for receiving signal waves from a remote source, a local system comprising a tube having a filament, a grid and a plate and having a piezo-electric crystal connected between the plate and the grid in such fashion as to maintain the frequency of the waves of the local system substantially constant, the connections being such as to prevent oscillations at



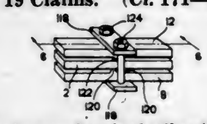
other than the said substantially constant frequency, and means for combining the received waves with the local waves.

2,133,646
ELECTRICAL SYSTEM
George Washington Pierce, Cambridge, Mass.
Continuation of application Serial No. 695,094, February 25, 1934. This application April 9, 1930, Serial No. 442,862
29 Claims. (Cl. 250—17)



1. In an oscillatory system, the combination of a plurality of electron tubes each having input and output circuits, said circuits interconnecting said tubes to form an amplifier train, one of said tubes being arranged for the generation of high-frequency oscillations, another of said tubes being arranged to multiply the frequency of said oscillations, and a piezo-electric crystal for controlling the frequency of the high-frequency oscillations.

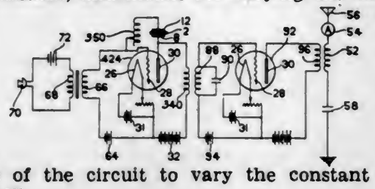
2,133,647
ELECTROMECHANICAL VIBRATOR
George Washington Pierce, Cambridge, Mass.
Application June 25, 1931, Serial No. 546,767
19 Claims. (Cl. 171—327)



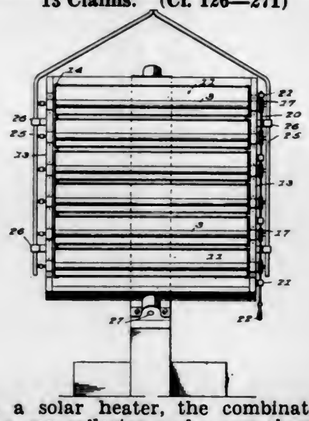
1. An electromechanical vibrator comprising a piezo-electric-crystal body, electrodes, and means for holding the body between the electrodes at points substantially along the optic axis of the body to prevent bodily movement of the body out of a predetermined position.

2,133,648
ELECTRICAL SYSTEM
George Washington Pierce, Cambridge, Mass.
Application July 10, 1931, Serial No. 549,830
35 Claims. (Cl. 250—20)

1. An electrical system having, in combination, an electric circuit, an electro-mechanical vibrator connected with the circuit for maintaining the frequency of the circuit substantially constant, and means for varying the impedance of the circuit to vary the constant frequency.

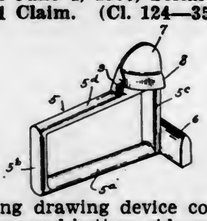


2,133,649
SOLAR HEATER
Charles Greeley Abbot, Washington, D. C.
Application March 27, 1935, Serial No. 13,332
13 Claims. (Cl. 126—271)



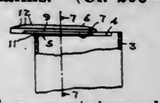
1. In a solar heater, the combination of a frame, a ray-collector and a ray-absorber containing an opaque liquid mounted on said frame, a support upon which the frame is rotatable about an axis parallel to the axis of the earth, said ray-collector and frame being movable to expose said ray-absorber to concentrated solar rays, a receptacle containing a bath of opaque liquid located above the frame, and liquid conducting tubes connected to the ray-absorber and projecting upwardly and entering the receptacle from above in a direction parallel to the axis of the earth and shaped for unobstructed rotation within the bath in a path parallel to said first mentioned axis upon the rotation of the frame.

2,133,650
STRING RELEASING MEANS FOR BOWS
Irving H. Baker, Rutland, Vt.
Application June 4, 1937, Serial No. 146,513
1 Claim. (Cl. 124—35)



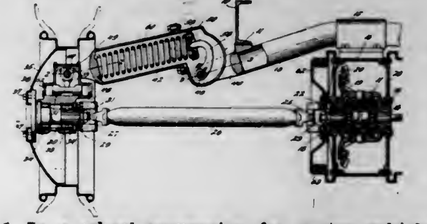
A bow string drawing device comprising forward, rear, top, and bottom side members forming an elongate rectangular frame, a fin member on said forward side member projecting in a plane including said rear member, a shoulder member associated with said fin and generally normal to said plane forming a groove to accommodate a bow string and a thumb rest member on said top member projecting from said plane on the same side of said frame as said shoulder member.

2,133,651
DISPENSING CONTAINER FOR TABLETS AND THE LIKE
Richard O. Baker, Toronto, Ontario, Canada, assignor to G. T. Fulford Company Limited, Toronto, Ontario, Canada
Application January 19, 1938, Serial No. 185,680
In Canada November 12, 1936
2 Claims. (Cl. 206—42)



1. A dispensing container having resilient flanged side walls, a rigid cover slidably engaging said flanged walls and capable of assembly therewith only by the flexing of said resilient side walls, and means co-operatively interposed between said container and said rigid cover for automatically flexing said side walls including a stop member extending from the cover adapted to subsequently limit the sliding movement of the cover.

2,133,652
MOTOR VEHICLE
Frank C. Best, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application April 18, 1935, Serial No. 17,124
16 Claims. (Cl. 180—43)

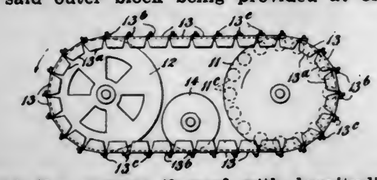


1. In a wheel suspension for motor vehicles, the combination with a vehicle frame, of oppositely disposed road wheels, and means supporting said wheels on said frame for independent rising and falling movement with respect thereto, said means comprising a laterally extending, rotatble drive shaft associated with each wheel, each shaft being supported on said frame against lateral displacement with respect thereto and for swinging movement about a substantially fixed, generally horizontal axis, a driving connection between each wheel and the associated drive shaft preventing relative lateral displacement of said wheel and shaft, said connection including a universal joint, and a link having pivotal connection with each wheel and frame.

2,133,653
VEHICLE PROVIDED WITH ENDLESS OR SELF-LAYING TRACKS
Douglas Raymond Bomford and Ernest Raymond Bomford, Pitchill, Evesham, England
Application May 20, 1937, Serial No. 143,824
In Great Britain November 21, 1936
1 Claim. (Cl. 305—10)

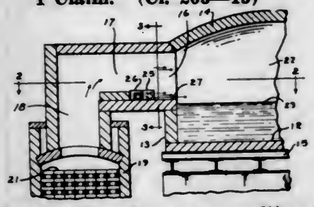
An endless track for tractors and other vehicles adapted for endless track propulsion the said

track embodying in combination a plurality of flexible metallic members of endless loop-like formation, a series of tread plates of channel-like form in transverse section and disposed in contiguity and cross-wise on the said flexible endless loop-like members, each tread plate having in conjunction therewith an outer block longitudinally grooved to provide seatings for the portions of the flexible members on which the tread plate is located and an inner block correspondingly grooved and coacting with the outer block to clamp the tread plate to the flexible members, the said outer block being provided at or ad-



jacent the corners thereof with longitudinally directed projections which overhang portions of the flexible members intermediate the parts to which successive tread plates are clamped, the grooves in the said outer block extending into these longitudinal projections and the parts of the said grooves in the projections being so curved as to permit the parts of the flexible members over which the projections extend to assume a curvature substantially conforming to that of the driving wheel and guide wheel over which the track passes.

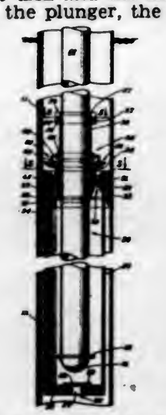
2,133,654
GLASS MELTING FURNACE
Harold T. Brink, Corning, N. Y., assignor to Corning Glass Works, Corning, N. Y., a corporation of New York
Application October 19, 1936, Serial No. 106,473
1 Claim. (Cl. 263—15)



In a glass melting furnace, a melting tank, a regenerator structure for supplying preheated air to the melting tank through a passage extending between the regenerator and the melting tank, a fuel intake manifold extending across the passage with its only opening facing the tank; other relatively short manifolds arranged within the passage immediately in front of the respective end portions of said first manifold, having their only openings facing the tank, and separately valved fuel lines connected with the respective manifolds.

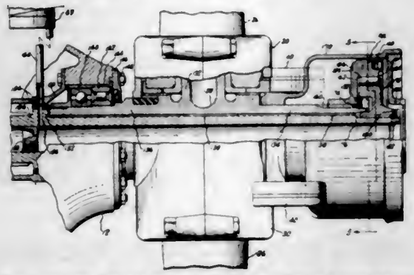
2,133,655
BALANCED PUMP
Leonard G. Brotzman and Raleigh E. Teague, Arroyo Grande, Calif.
Application August 3, 1937, Serial No. 157,134
13 Claims. (Cl. 103—155)

1. A pump comprising in combination a pump barrel having means to suspend the same from the top of a well, the barrel having an intake valve at the bottom, an upper discharge valve formed of a disk with a seat means securing the disk to the pump barrel, said disk having a central cylindrical opening with a sleeve extending thereabove, the upper end of the sleeve being beveled and having a packing ring secured thereto, a displacing plunger mounted in the cylindrical opening of the disk and the sleeve, the said packing engaging the plunger, the lower end of



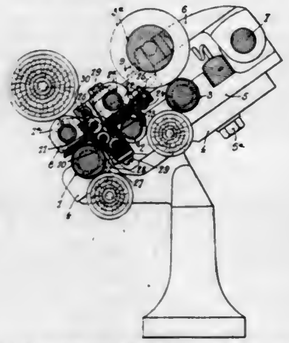
the plunger being closed, the disk having a series of ports concentric with the axis of the plunger, the upper valve including a floating type of annular plug having a surface to engage the seat on the disk and form a closure for the ports on the upstroke of the plunger and to lift on the downward or displacement stroke for the upflow of liquid.

2,133,656
ONE-WAY DRIVE FOR PROPELLERS
Frank W. Caldwell, Hartford, Conn., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application April 23, 1936, Serial No. 76,036
1 Claim. (Cl. 170—163)



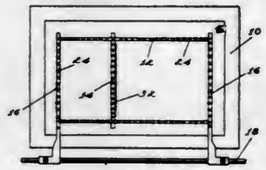
In a drive for a controllable pitch aeronautical propeller provided with hydraulically actuated means comprising a piston and cylinder device located at the front of said propeller for moving the propeller blades in one direction of pitch changing adjustment, and centrifugally actuated means for moving the propeller blades in the opposite direction of pitch changing adjustment, a one-way drive for said propeller whereby said propeller may rotate freely with respect to the propeller driving engine under the influence of aerodynamic forces whenever the speed of the engine falls below the speed imparted to said propeller by said aerodynamic forces, said piston comprising two concentric parts constituting an inner and an outer ring for said one-way drive, radial cams in at least one of said rings, and locking rollers between said rings.

2,133,657
DRAWING AND RETENTION MECHANISM FOR PREPARING AND SPINNING MACHINES
Paul Devaux, Maromme, France
Application February 4, 1937, Serial No. 124,100
In France April 28, 1936
13 Claims. (Cl. 19—130)



1. With a drawing mechanism for textile fibres comprising at least one working roller, the combination of a substantially cylindrical magnet bearing on said working roller and adapted to be frictionally rotated by said working roller, a small roller of magnetic substance resting on said magnet and adapted to be frictionally rotated by said magnet, and means for exerting a pressure upon the textile fibres passing over said small roller.

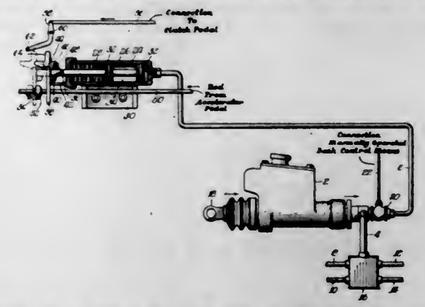
2,133,658
PRINTING PRESS ATTACHMENT
Don Richard Donnell, Los Angeles, Calif.
Application August 19, 1936, Serial No. 96,720
3 Claims. (Cl. 164—98)



1. In a printing press, having gripper fingers, an attachment comprising a framework, means for adjustably fitting the framework to the gripper fingers of the press, said framework including pairs of strips, aligned bolt holes in the strips, and perforator means mounted in conjunction with the strips, said perforator mounting means including an intermediate strip L-shaped in cross-section also pierced with bolt holes, one leg of the L portion adapted to fit around the perforator.

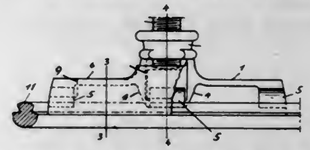
2,133,659
AUTOMATIC ANTISKID MECHANISM
William F. Doriot, Chicago, Ill.
Application December 2, 1937, Serial No. 177,699
7 Claims. (Cl. 192—.01)

1. In an automobile, the combination of, an engine, means for accelerating said engine, a braking system and means associated with the braking system and the acceleration means for simultaneously and automatically in response to the braking pressure accelerating the engine a predetermined amount when the brakes are ap-



plied and while the engine is operatively connected to the wheels.

2,133,660
OVERHEAD WIRE CLAMP
Karl Eckl and Otto Malterer, Munich, Germany; said Malterer assignor to said Eckl
Application December 1, 1936, Serial No. 113,676
In Germany December 4, 1935
3 Claims. (Cl. 191—43)

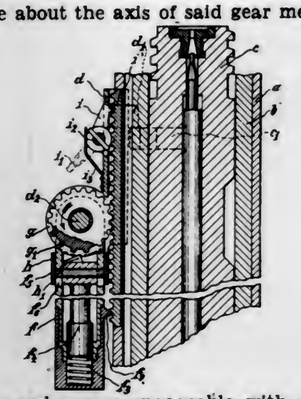


1. Clamp for the suspension of profiled overhead wires for electric railways, comprising in combination a rigid jaw, a wire guide at the lower end of said rigid jaw, upwardly extending hook-shaped projections arranged one behind the other in the longitudinal clamping axis on the inner side of said rigid jaw, leaving intervening clear portions to permit subsequent bending of said wire in curves, a movable jaw, an oppositely directed wire guide at the lower end of said movable jaw, downwardly extending hook-shaped projections corresponding to the downwardly extending projections of said rigid jaw and forming therewith a hinge joint, a boss at the upper end of said rigid jaw, and a tightening element vertically adjustable relatively to said boss and bearing against the upper side of said movable jaw to cause said movable jaw to turn on said hinge joint and press the wire guide of said movable jaw towards the wire guide of said rigid jaw.

2,133,661
AUTOMATIC FIREARM
Georg Engel, Berlin-Reinickendorf, and Alfred Winter, Dusseldorf, Germany, assignors to Rheinmetall-Borsig Aktiengesellschaft, Dusseldorf, Germany, a corporation of Germany
Application January 25, 1937, Serial No. 122,284
In Germany August 16, 1934
6 Claims. (Cl. 89—27)

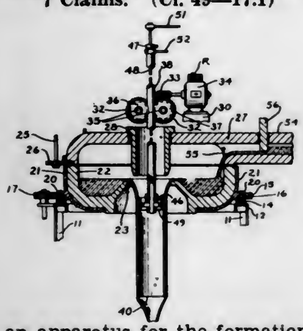
1. In an automatic gun having a housing and a recoiling system slidably mounted therein; a cocking mechanism comprising a rack on the housing extending in the direction of recoil, a slide movable on said housing parallel to the rack, means on the slide engaging the recoiling system to cock the same, gear means in the slide arranged to roll on said rack and having teeth engaging the rack, a manually operable lever pivoted on

the slide about the axis of said gear means, and



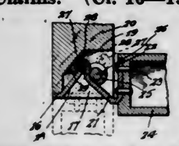
ratchet pawl means engageable with said gear means and mounted on the lever.

2,133,662
METHOD OF AND APPARATUS FOR DRAWING GLASS
David E. Gray, Corning, N. Y., assignor to Corning Glass Works, Corning, N. Y., a corporation of New York
Application April 10, 1936, Serial No. 73,737
7 Claims. (Cl. 49—17.1)



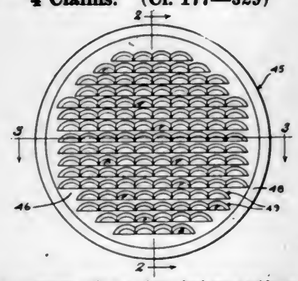
4. In an apparatus for the formation of glass tubes or cylinders, a container for molten glass having an annular outlet, a mandrel having an exterior conforming substantially to that of the internal diameter of a tube or cylinder to be formed, means including a shaft detachably secured to said mandrel for lowering said mandrel into the bore of a tubular stream of molten glass flowing from said outlet and the downward movement continued at a definitely regulated speed until the mandrel is completely surrounded, and means for then releasing said mandrel from said shaft.

2,133,663
HINGE
Ralph W. Johnson and Hubert E. Davis, Alton, Ill.
Application February 17, 1936, Serial No. 64,373
3 Claims. (Cl. 16—135)



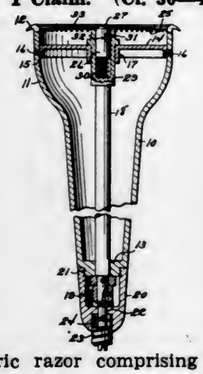
3. A hinge comprising a door frame engaging member adapted to be secured against a door frame adjacent a recess in the door frame, a resilient tongue extending diagonally from the said member into the recess of the door frame, a leaf having companion side portions, one side portion being adapted to be secured to a door with the other side portion extending diagonally from the door in overlapping relation to the inner side edge thereof and extending into the recess of the door frame, and means for pivotally mounting the diagonally extending side portion of said leaf in the recess adjacent the free end of the tongue, said tongue being disposed in position to have face to face engagement with the diagonally extending leaf portion and limit swinging movement of the leaf and door in a closing direction.

2,133,664
COVER GLASS
States Lee Lebby, Corning, N. Y., assignor to Corning Glass Works, Corning, N. Y., a corporation of New York
Application February 4, 1935, Serial No. 4,923
4 Claims. (Cl. 177—329)



1. In a cover glass for intercepting and refracting a portion of a beam of substantially parallel light in combination, a cover glass body of substantially uniform thickness, a row of light deflecting members on one face of said body, each of said members comprising a surface contiguous with said face of the body, a second surface substantially parallel therewith, and a toric surface intermediate the aforementioned surfaces, said toric surfaces having their axes of generation substantially normal to the face of said cover glass and so spaced that they intersect to limit the lateral refraction of the light to a given angle.

2,133,665
ELECTRIC RAZOR
Arthur C. Leigh, Chicago, Ill.
Application March 17, 1937, Serial No. 131,480
1 Claim. (Cl. 30—43)



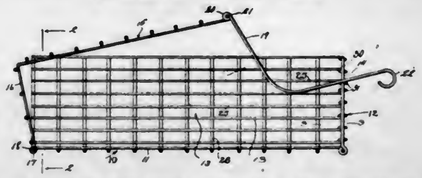
An electric razor comprising a hollow grip

terminating in an enlarged extension forming a shell, an annular series of rearwardly curved guard teeth projecting from the edge of the shell, a disc guard member provided with an annular series of radially extending teeth at the ends forming continuations of the teeth of the shell, oppositely disposed tabs on the guard member fitting in notches formed in a toothed edge of the shell, the tabs being directed downwardly along the outer face of the shell, screws passed through the tabs and into the shell, a disc cutter revolubly mounted in the shell and spring pressed to contact its upper face with the lower face of the guard, and an annular series of radially disposed cutting teeth on the edge of the cutter adapted to coact with the teeth of the guard member.

2,133,666
PROCESS FOR MAKING MILLED TOILET SOAP
Victor Mills, Cincinnati, Ohio, assignor to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application April 2, 1936, Serial No. 72,372
5 Claims. (Cl. 260—418)

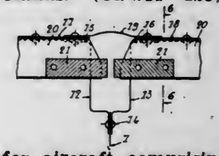
1. A continuous process for making a soap base and preparing same for the milling step in the manufacture of milled toilet soap which comprises reacting fatty acids at a temperature of approximately 470° F. with an aqueous solution of sodium hydroxide in chemically equivalent quantities under a pressure sufficient to prevent volatilization of the water, spraying the soap thus formed into a chamber having an absolute pressure of about 1.9 inches of mercury whereby a portion of the water volatilizes and the soap is cooled to approximately 100° F. and contains approximately 15 per cent moisture, the total heat and the total water in the mixture before spraying being so adjusted as to cause volatilization of all water exceeding about 15 per cent in the sprayed product, said product being in solid comminuted form and substantially free from overdried particles containing less than about 15 per cent moisture.

2,133,667
MEANS FOR SHAPING AND SMOKING MEATS
Robert W. Mitchell, Allentown, Pa.
Application June 10, 1937, Serial No. 147,543
6 Claims. (Cl. 17—44.2)



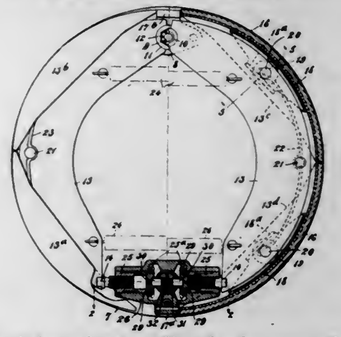
1. A device for smoking dried beef, including a body having a bottom, opposed side walls and an end wall all formed of open-work material, and a pressing member having an angular end portion pivotally engaged with one end of the bottom of the body and a lever extending through one end wall of the body and pivotally engaged with the adjacent extremity of the pressing member, the lever having a suspension hook at its outer end, the lever being curved in its length whereby to cause the inward movement of the pressing member under the weight of the material contained within the body when the body is in a suspended position.

2,133,668
WING FOR AIRCRAFT
Henry Charles Alexandre Potez, Meaulte, France
Application December 30, 1937, Serial No. 182,571
In France March 25, 1937
6 Claims. (Cl. 244—123)



1. A wing for aircraft comprising in combination two longitudinal girders the height of which is equal to that of the profile of the wing, upper and lower cross struts adapted to connect said longitudinal girders together, the outline of said cross struts coinciding with the profile of the wing, an upper side covering formed by a plurality of panels interrupted adjacent each of said upper cross struts and stiffened by longitudinal rails which are also interrupted adjacent each cross strut, yielding means adapted to connect said panels with said upper cross struts and a pressure side covering provided with longitudinal stiffening means.

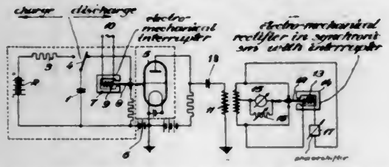
2,133,669
INTERNALLY EXPANDING BRAKE
James Henry Pratt, Gilbert Edgar Manley, and Albert Henry Godfrey Girling, Birmingham, England
Application April 20, 1937, Serial No. 137,992
In Great Britain February 18, 1937
2 Claims. (Cl. 188—78)



1. An internal expanding brake comprising a brake drum, a relatively fixed carrier plate, a fixed projection carried by said plate, a sleeve of greater diameter disposed around said projection, a frictional means for resisting the movement of said sleeve, a pair of oppositely arranged actuating levers mounted on said carrier plate having adjacent ends thereof in contact with the sleeve, an expansion means adapted to exert a thrust on the other adjacent ends of the actuating levers, rollers carried by the actuating levers, brake shoes rockably mounted at their central portions on said rollers and capable of a circumferential movement relatively to said levers, spring means anchored to each actuating lever for maintaining each respective pair of brake shoes in contact with the rollers carried by said actuating levers and means for restoring the actuating levers to the out of action position when the brake is released, the combined lengths of the arcs of the arcuate brake shoes approximating to the circumference of the drum, said cir-

cumferential movement adding a powerful self-energizing braking effort to the braking effort provided by the expanding means.

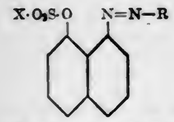
2,133,670
VOLTAGE MEASURING SYSTEM
Hans Schuchmann, Berlin-Schmargendorf, Germany, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany, a corporation of Germany
Application November 8, 1935, Serial No. 48,843
In Germany November 8, 1934
3 Claims. (Cl. 171—95)



1. Arrangement for measuring a source of direct current potential, comprising means for converting the D. C. voltage into a uniformly fluctuating voltage of corresponding value, a thermionic tube amplifier having its grid connected to said converting means for amplifying said voltage fluctuations, rectifying means connected into the output side of said amplifier and means for operating said rectifying means in electrical synchronism with said converting means for reconverting the fluctuating amplified current into continuous direct current, and a direct current measuring instrument connected with said rectifying means for indicating the magnitude of the resulting direct current as a measure for the voltage of said direct current potential source.

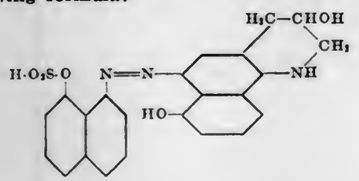
2,133,671
AZO DYESTUFFS
Hugo Schweitzer, Leverkusen-Wiesdorf, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application February 24, 1936, Serial No. 65,525. In Germany February 28, 1935
12 Claims. (Cl. 8—5)

4. The process which comprises dyeing cellulose esters from a bath containing a dyestuff of the general formula:



wherein X stands for an alkali metal atom and R stands for an aromatic amine free from a sulfonic or carboxylic acid group, in the presence of an agent saponifying the sulfurous acid ester.

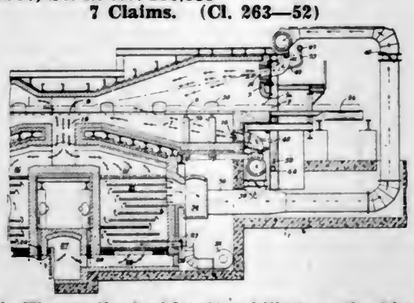
12. The dyestuff having in its free state the following formula:



2,133,672
REFRACTORY
Joseph T. Singewald, Jr., Baltimore, Md., assignor to The Standard Lime and Stone Company, Baltimore, Md., a corporation of Maryland
No Drawing. Application April 1, 1936, Serial No. 72,175
4 Claims. (Cl. 106—9)

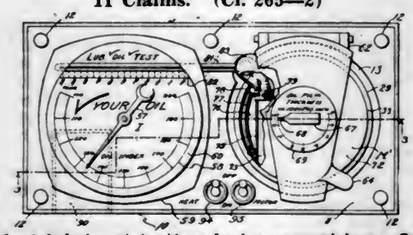
1. A magnesia-containing refractory in the form of a reaction product consisting of approximately 70% refractory constituents and 30% bonding constituents in which the refractory constituents are periclase and compounds of magnesia and the bonding constituents are compounds of CaO with SiO_2 and R_2O_3 oxides, said refractory containing between 45% and 50% of magnesium oxide based on the weight of the refractory and containing no free lime.

2,133,673
CONTINUOUS HEATING FURNACE
Howard F. Spencer, Pittsburgh, and William A. Morton, Mount Lebanon, Pa., assignors to Amco, Incorporated, Pittsburgh, Pa., a corporation of Pennsylvania
Original application June 19, 1936, Serial No. 86,146. Divided and this application April 14, 1937, Serial No. 136,888
7 Claims. (Cl. 263—52)



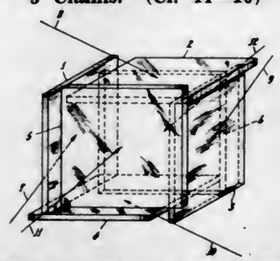
1. The method of heating billets or the like in a continuous furnace which comprises, passing the billets through a heating environment of gradually diminishing thermal input to raise the billets safely to the desired temperature at which they are to be worked, and subjecting the billets to a soaking temperature when the billets have reached the maximum temperature to equalize the desired temperature of the billets before discharging them from the furnace.

2,133,674
LIQUID TESTING DEVICE
Rollo L. Stamback, Long Beach, Calif., assignor of one-half to William R. Mayhew, Alhambra, Calif.
Application June 16, 1936, Serial No. 85,468
11 Claims. (Cl. 265—2)



1. A lubricant testing device comprising a fixed member and a rotary member having juxtaposed surfaces between which a quantity of lubricant to be tested can be placed to form a film in contact with the surfaces; means for heating the lubricant under test; driving means; means by which the driving means will be caused to drive the rotary member while rendering the latter shiftable rotatively relative to the driving means in accordance with the amount of drag imposed on the rotary member by the lubricant film; recording means operatively associated with the rotary member for the making of a record in accordance with the relative motion of the rotary member; and thermo-responsive means for activating the recording means to produce a record when the lubricant under test has been heated to a predetermined temperature.

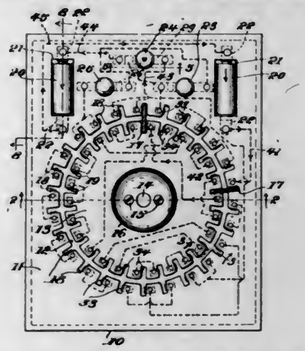
2,133,675
METHOD OF MANUFACTURING BRIQUETTES
Abraham ten Bosch, NJzn, Arnhem, Netherlands, assignor to Naamlooze Vennootschap: Maatschappij tot Exploitatie van "ten Bosch Octrooien N. V.", Arnhem, Netherlands
Application August 31, 1936, Serial No. 98,829
In the Netherlands August 30, 1933
3 Claims. (Cl. 44—10)



1. A method of manufacturing parallelepiped shaped briquettes from a pulverized material consisting principally of coal dust which comprises, subjecting the pulverized material to a compression pressure to form a briquette, said pressure being applied on each surface of the material simultaneously and in the direction of the diagonal axes of the briquette in such a manner that each unit area of the material is subjected to an equal pressure, and thereafter relieving the pressure from all surfaces of the briquette simultaneously while keeping equal the pressures on each unit area of each surface of the briquette.

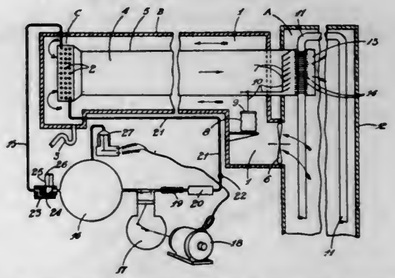
2,133,676
GAME APPARATUS
Anthoney C. Walaity, Red Bank, N. J.
Application May 16, 1938, Serial No. 208,229
3 Claims. (Cl. 273—139)

1. An electrical game apparatus comprising a fixed plate of insulating material having a central circular opening therein, a revoluble plate of insulating material mounted in said opening flush with said fixed plate, there being a circular series of aligned radially extending slots in the fixed plate and in the revoluble plate, a plurality of metallic disc circuit closers adapted to each be received in one of the slots of the revoluble plate and an opposite slot in the fixed plate, annular series of oppositely disposed switch contacts on the lower faces of the fixed plate and revoluble plate at said slots adapted to be bridged by said circuit closing discs, a source of electric current on the fixed plate, a plurality of signal lamps on the fixed plate connected in circuit with said source of current, jumpers electrically connecting together certain of the contacts on the revoluble plate, jumpers electrically connecting together certain of the contacts on the fixed plate, conductors connecting certain of the jumpers on the fixed plate with respective ones of the lamps, and



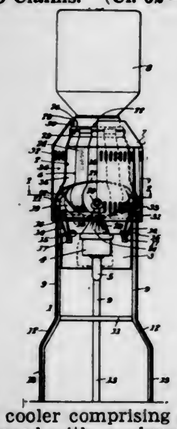
conductors connecting certain of the jumpers on the fixed plate to said source of electricity, said lamps being energized singly, in pairs, or all simultaneously when said circuit closing discs are manually inserted in respective predetermined patterns in said slots.

2,133,677
AIR CONDITIONING PROCESS
Camille Ernest Wautelet, Woluwe-Saint-Pierre, Brussels, Belgium
Application January 9, 1936, Serial No. 58,428
In Belgium January 19, 1935
4 Claims. (Cl. 62—6)



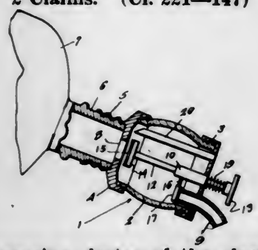
1. A process of conditioning air to be used in a room, comprising bringing the air to be conditioned into contact with a cold source to render the temperature of said air subscantially equal to the temperature of said cold source, keeping the temperature of said air substantially equal a degree predetermined in relation to the hygrometric degree to be obtained in said room, causing the air to be saturated with water vapor at said cold source temperature, leading the said air from said cold source to said room, withdrawing spent air from said room at the same rate the conditioned air is led to said room, maintaining a contracurrent heat exchange between the air flowing to said room and the air flowing from said room, controlling the rate of flow of said incoming air in accordance with the temperature of the air withdrawn from said room to avoid substantial temperature fluctuations, thus keeping substantially constant the initial temperatures of both currents of air subjected to mutual heat exchange.

2,133,678
WATER COOLER AND DISPENSER
William C. Willets, Glendale, Calif., assignor to Elysian Spring Water & Bottling Company, Los Angeles, Calif., a corporation of California
Application September 7, 1935, Serial No. 39,557
15 Claims. (Cl. 62—141)



1. A water cooler comprising a stand, a water container formed with a plurality of lugs constructed and arranged to rest upon the upper end of said stand for supporting said container upon said stand, and means for cooling said container comprising a plurality of distinct wicks adjacent said container and positioned between successive lugs and means for moistening said wicks.

2,133,679
DISPENSING DEVICE
Emil John Woeltjen, Chicago, Ill.
Application March 15, 1938, Serial No. 196,053
2 Claims. (Cl. 221—147)



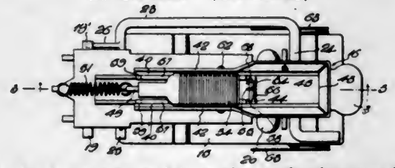
1. A dispensing device of the class described comprising a measuring container including a top and bottom having outlet and inlet openings, respectively, therein, a sleeve mounted in the top having a longitudinal slot therein, a stem slidably mounted in the sleeve, an arm mounted on said stem and operable in the slot, and valves on said arm and on one end of the stem for alternately closing the openings in the top and the bottom of the container.

2,133,680
GAUGE PIN
Herbert F. Johnson, Pittsfield, Mass.
Application March 3, 1936, Serial No. 66,800
Renewed August 23, 1938
12 Claims. (Cl. 101—415)

1. A printer's gauge, comprising a base member and a top member, said base having a stop face adjacent the front end thereof, and an extended portion of the base forward of the stop, an aperture in the stop face for the reception therethru and slidable therein of a narrow portion of the top member, and a wide slotted portion thereof adjustably mounted on the base whereby said top member has a relative movement longitudinally of the base, and means to clamp the members together on the tympan sheet with the front extended end of the base and the rear top sides thereof under the tympan sheet, and the top member on top of the sheet, substantially as specified.

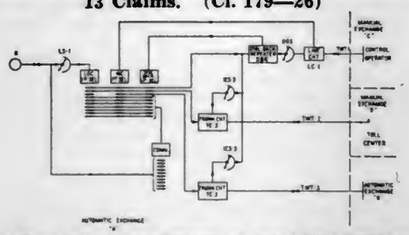


2,133,681
SHEET-PINNING MACHINE
Joseph E. Higgins, Grand Island, Nebr.
Application May 25, 1937, Serial No. 144,749
17 Claims. (Cl. 1—46)



1. An improvement in a sheet pinning machine of the type having relatively movable sheet-clamping members, coacting formations on said members for arching portions of the sheets when said members are relatively moved into clamping relation, a sheet-separating member over which to place one or more of the sheets and under which to place the others, and means for forcing a pin through the arch portions of the clamped sheets and for then forcing the pin point into the space occupied by said sheet-separating member; said improvement comprising means mounting said sheet-separating member for movement to a position at which it is widely spaced from said sheet-clamping members, and means for automatically moving said sheet-separating member to said position when said sheet-clamping members are relatively moved to open position, thereby facilitating insertion of the sheets.

2,133,682
TELEPHONE SYSTEM
Pier Bakker, Chicago, Ill., assignor to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application March 3, 1937, Serial No. 128,736
13 Claims. (Cl. 179—26)



1. In a telephone system, a local dial exchange, a distant dial exchange, a toll exchange, a control exchange, trunk lines connecting the distant and local dial exchanges, dial back repeaters in the local exchange, a hunting switch individual to each said trunk line having access to said repeaters, toll trunk lines connecting the toll and local exchanges, a hunting switch individual to each said toll trunk line having access to said repeaters, control trunk lines connecting the local and control exchanges, a selecting switch individual to each said repeater having access to said control trunk lines, automatic subscribers' lines terminating in said local exchange, local connectors in said local exchange having access to said local lines, and means whereby said local connectors are accessible from said subscribers' lines, said control trunk lines, said toll trunk lines, and said repeaters.

2,133,683
BUILDING COVERING
Edward Roscoe Black, Chicago, Ill., assignor to Black Systems, Inc., Chicago, Ill., a corporation of Illinois
Application October 24, 1935, Serial No. 46,524
3 Claims. (Cl. 108—24)



1. The method of preparing and applying a building covering unit from a sheet of prepared roofing material which at normal temperatures is incapable of retaining bends formed therein and at subnormal temperatures cannot be bent without injury, consisting of cutting a quadrilateral flat unit from a sheet of the material, bending the unit while warm to form a corner therein having approximately the angle to be permanently assumed when the unit is in place, while the unit is still bent packaging the same so that the corner thereof is maintained by the packaging against the natural tendency of the material to flatten, removing the unit from the package, and applying the unit in position on the building before the normal tendency to flatten substantially varies the angle into which the unit was bent.

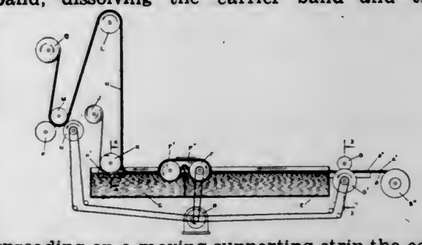
2,133,684
SHUTTLECOCK
Roger L. Colson, Glendale, Calif., assignor to Sylvania Industrial Corporation, Fredericksburg, Va., a corporation of Virginia
Application November 20, 1935, Serial No. 50,727
3 Claims. (Cl. 273—106)



1. As an article of manufacture, a shuttlecock comprising a head, direction-imparting feathers having shafts attached thereto, and a pellicle of a shrinkable non-fibrous material surrounding and shrunk onto the head and embracing the shafts of the feathers adjacent the head.

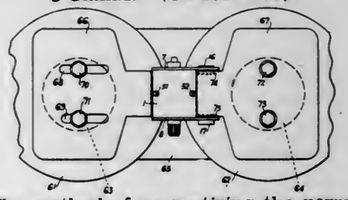
2,133,685
METHOD OF REMOVING METALLIC PLATING FROM A CARRIER BAND
Frank R. Coughlin, Flushing, and Paul V. Coughlin, Crestwood, N. Y.
Application March 11, 1935, Serial No. 10,536
2 Claims. (Cl. 204—11)

1. The method of transferring a metallic plating from a carrier band to a supporting strip, comprising the step of applying a buoyant protective coating to the plated side of the carrier band, then floating the carrier band with the buoyant coating on a bath of sufficient heat to melt the band, dissolving the carrier band and then



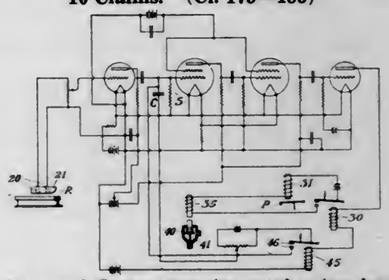
spreading on a moving supporting strip the coated plating remaining after the carrier band is dissolved, said band consisting of an alloy having a melting point below one hundred degrees centigrade.

2,133,686
MAGNETOGENERATOR
Irvin W. Cox, Chicago, Ill., assignor to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application February 10, 1936, Serial No. 63,113
3 Claims. (Cl. 171—209)



3. The method of magnetizing the permanent magnets of a generator comprising a shuttle armature enclosed by a field structure comprising two pole pieces joined at their ends by two permanent magnets, which consists in inserting the assembled field structure and armature between the poles of an electromagnet with the two generator pole pieces in engagement with the two poles of the magnet, respectively, and in causing the electromagnet to drive a saturating flux through a magnetic circuit which includes the two permanent magnets and the armature in parallel.

2,133,687
RAIL FLAW DETECTOR MECHANISM
Harcourt C. Drake, Hempstead, N. Y., assignor to Sperry Products, Inc., Brooklyn, N. Y., a corporation of New York
Application March 12, 1935, Serial No. 10,645
10 Claims. (Cl. 175—183)



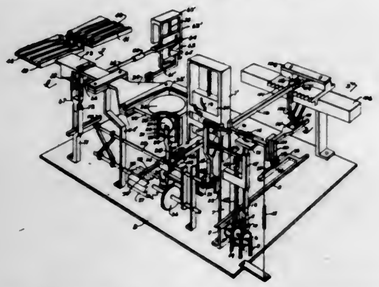
1. In a rail flaw responsive mechanism having means which responds to flaw by generating an

electrical impulse of relatively short duration, an amplifier for amplifying said impulse, said amplifier having means for prolonging the duration of said impulse and indicating means actuated by the output of said amplifier, means for limiting the actuation of said indicating means, said last-named means including means for rendering said prolonging means ineffective.

2,133,688

RACKING MECHANISM FOR KNITTING MACHINES

Frank Eck, New York, N. Y.
Application March 31, 1936, Serial No. 71,821
12 Claims. (Cl. 66—69)



2. In a knitting machine, the combination of cooperating needle boards, means to open the needle boards by moving one away from the other, means to rack the same needle board that is moved and means to selectively control the extent of separation and racking of the needle boards.

2,133,689

UREA ALDEHYDE MOLDING COMPOSITIONS CONTAINING A LATENT CURING CATALYST

Carleton Ellis, Montclair, N. J., assignor, by mesne assignments, to Plaskon Company Incorporated, New York, N. Y., a corporation of Delaware
No Drawing. Application April 30, 1937, Serial No. 139,948
9 Claims. (Cl. 106—22)

3. A urea-formaldehyde molding composition containing a latent catalyst comprising a salt of a halogenated aliphatic carboxylic acid selected from the class consisting of the mono- and di-halogenated straight chain mono-carboxylic acids which remains substantially neutral before being broken down by heat and pressure during molding and which, upon being broken down, liberates an acid not corrosive to the metal structure of molds.

2,133,690

RUBBER AND METHOD OF MAKING THE SAME

Albert K. Epstein and Benjamin R. Harris, Chicago, Ill.; said Epstein assignor to said Harris
No Drawing. Application January 28, 1935, Serial No. 3,802. Renewed March 8, 1937
12 Claims. (Cl. 18—50)

1. A rubber composition including rubber and a relatively small proportion of an aliphatic chemical compound having at least one relatively high molecular weight alkyl or acyl group and at least one group of a class consisting of sulphate, sulphonic and sulpho-fatty acid radicals, and wherein the sulphate, sulphonic or sulpho-fatty acid radical is neutralized with an organic nitrogenous base of the class consisting of amines and alkylolamines, said compound being free of aromatic substituents.

2,133,691

REFINING OF OILS

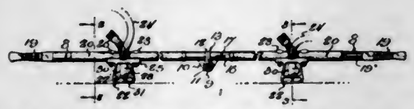
Alfred W. Francis, Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application June 27, 1936, Serial No. 87,764
3 Claims. (Cl. 196—13)

1. In the refining of petroleum fractions by means of a selective solvent, without substantial chemical change of oil constituents, the method which comprises the following steps: dissolving in said solvent a small amount of a solvent-soluble inorganic salt selected from the group of solvent-soluble salts consisting of lithium chloride, lithium bromide, lithium iodide, lithium acetate, the said selective solvent being selected from the group of selective solvents consisting of pyridine and picoline, mixing a sufficient amount of the modified solvent with oil to permit the formation of two oil-containing phases, effecting separation into a paraffinic raffinate phase and a naphthenic extract phase, separating the phases, and recovering solvent-free, salt-free oil from the separated phases.

2,133,692

LITTER

William L. Gittings and Newton N. Brown, Racine, Wis., assignors to Gold Medal Folding Furniture Company, Racine, Wis.
Application February 26, 1937, Serial No. 127,937
3 Claims. (Cl. 5—82)



1. A folding litter comprising a fabric cover, a pair of tubular metal side bars carried by the longitudinal edges of the cover, supports secured to said side bars adjacent their ends, hinged transverse braces each connecting an end set of supports, a loose pintle carried by said supports pivotally connecting the ends of said braces, said pintles being held against longitudinal displacement by said side bars.

2,133,693

METHOD OF COAGULATING RUBBER UPON FIBERS

Harold W. Greider, Wyoming, and Marion F. Smith, Cincinnati, Ohio, assignors to The Philip Carey Manufacturing Company, a corporation of Ohio
No Drawing. Application July 6, 1934, Serial No. 733,984
15 Claims. (Cl. 92—21)

3. A method of coagulating rubber upon asbestos fibers which comprises preparing an aqueous pulp containing asbestos fibers, rubber latex, and a protective effective at the concentrations of the materials comprised in said mix of preventing substantial formation of clots of coagulated rubber in said pulp, and then adding sufficient water to said pulp to cause substantially complete and substantially uniform coagulation of the rubber latex about and among the asbestos fibers by said dilution of the pulp with water.

2,133,694

METHOD OF MAKING FIBROUS MATERIAL

Harold W. Greider, Wyoming, and Marion F. Smith, Cincinnati, Ohio, assignors to The Philip Carey Manufacturing Company, a corporation of Ohio
No Drawing. Application August 8, 1935, Serial No. 35,302
19 Claims. (Cl. 92—21)

2. A method of precipitating a waterproofing material upon mineral fibers which comprises preparing an aqueous pulp containing mineral fibers, emulsified waterproofing material and an emulsifying agent which inhibits the precipitation of the waterproofing material, the concentrations of the materials in the pulp being such that said waterproofing material does not precipitate with the substantial formation of clots in said pulp and then substantially diluting said emulsifying agent therein by substantially increasing the total amount of said pulp without proportionally increasing the total amount of said emulsifying agent therein and thereby cause precipitation of said waterproofing material about and among said mineral fibers.

2,133,695

GOLF CLUB GRIP

Eric E. Hall, Chicago, Ill.
Application September 14, 1936, Serial No. 100,615
1 Claim. (Cl. 273—81)



In combination with a golf club shaft having a handle of leathery material, an upper cylindrical hand grip encircling and frictionally engaging the upper end portion only of the handle material, and comprising a tubular section of relatively thin and flexible rubber material, the tube being of a length substantially equal to the width of an average hand and of a diameter materially less than that of the shaft handle on which it is engaged to elastically adhere thereto.

2,133,696

GRIP FOR GOLF CLUBS OR THE LIKE

Eric E. Hall, Chicago, Ill.
Application June 9, 1937, Serial No. 147,239
2 Claims. (Cl. 273—81)

1. In combination with a golf club shaft or the like, a locking plug extending outwardly from the upper end of the golf club shaft, a locking member slidably and non-rotatably mounted on the locking plug, a grip tube surrounding the shaft and in spaced relation thereto, the second named locking member being provided with means for maintaining non-rotating engaging relation with the upper end of the grip tube for holding the same in spaced non-rotating relation to the golf club shaft, a closing cap overlying the upper end of the grip tube, a screw entered through said cap and into the first named locking member and adapted to draw the second

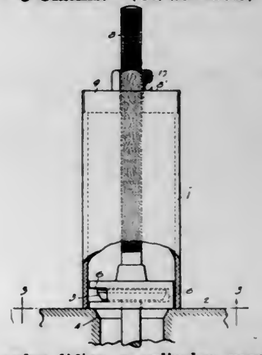


named locking member into interlocking relation with the tube, and a wedge collar on the shaft positioned to lie within the lower end of the tube to exert a wedging contact therewith when the parts are interlocked.

2,133,697

VALVE LIFTER OR VALVE PULLER

Birkelund Hansen, San Francisco, Calif.
Application January 28, 1937, Serial No. 122,831
5 Claims. (Cl. 29—86.3)

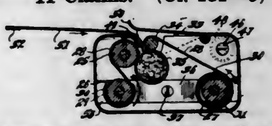


4. In a valve lifter, a cylinder, means projectible from one end of the cylinder for gripping a valve head upon lateral movement of the cylinder, and means for moving the cylinder to enclose the gripping means.

2,133,698

CIGARETTE MAKING DEVICE

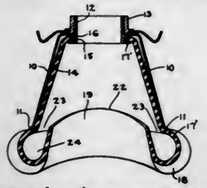
Milo Frank Hegrat, Berwyn, Ill.
Application April 19, 1934, Serial No. 721,287
11 Claims. (Cl. 131—5)



1. A device of the character described, comprising a casing having an opening therein, a

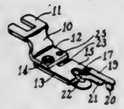
web member in said casing beneath said opening and adapted to form a substantially U-shaped pocket for tobacco, means for restricting the open portion of said U-shaped pocket, means for moving said web so as to reduce the cross-sectional dimension of said U-shaped pocket, and constrictively grip the tobacco therein, and means operable independently of said restricting means for regulating the tension on said web to vary the degree of looseness of the tobacco in the finished cigarette.

2,133,699
INHALER
Jay A. Heidbrink, Minneapolis, Minn., assignor to The Ohio Chemical and Manufacturing Company, Cleveland, Ohio
Application March 1, 1937, Serial No. 128,359
5 Claims. (Cl. 128—205)



5. Inhaler mechanism comprising a rigid cup, a rubber face piece having a portion extending within the cup and secured to the base thereof, said rubber being carried in a shaped rolled rim outside of the cup, and being provided with inturned free flaps extending inside of the inhaler to points adjacent the outer edges of the cup, and a cleft portion with a relatively flat-bottomed wall for receiving the nose of the wearer.

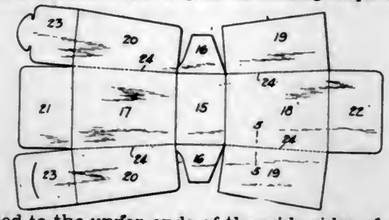
2,133,700
NARROW HEMMER ATTACHMENT FOR SEWING MACHINES
George L. Hinman, New Haven, Conn., assignor to The Greist Manufacturing Company, New Haven, Conn., a corporation of Connecticut
Application October 7, 1936, Serial No. 104,431
5 Claims. (Cl. 112—143)



1. A hemmer attachment for sewing machines comprising a shank having a horizontally disposed portion, a foot member pivotally secured to the lower face of said portion for pivotal movement with respect thereto, hem-turning mechanism carried by said foot member, said mechanism including a plate portion extending between said shank and foot members and there secured to the foot member.

2,133,701
CARTON
Charles H. Holmes, Los Angeles, and Henry H. Chase, Glendale, Calif.
Application December 19, 1934, Serial No. 758,218
3 Claims. (Cl. 229—16)

1. A carton comprising; a rectangular body of sheet material decreasing in width from top to bottom to provide a pair of wide sides and a pair of narrow sides, and having an open top, the side edges of the sides of said body being weakened longitudinally to permit tearing thereof at the corners of the body; a pair of sealing flaps con-

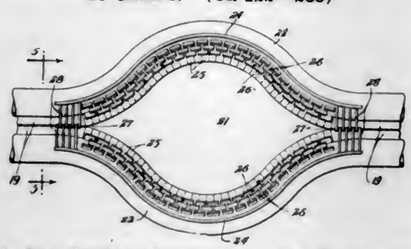


nected to the upper ends of the wide sides of said body; and a pair of securing flaps connected to the upper ends of the narrow sides of said body.

2,133,702
CONDENSATION COMPOSITION AND METHOD OF PREPARING SAME
Kenneth Harry Hoover, Terre Haute, Ind., assignor to Association of American Soap & Glycerine Producers, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application February 6, 1935, Serial No. 5,245
8 Claims. (Cl. 260—8)

1. The method of forming a modified resin which consists in placing glycerol phenyl ether phthalate resin and linseed oil in a vessel, raising the temperature of the vessel and its contents to a temperature of about 260 degrees C. and maintaining the same at said temperature until a drop of the contents upon removing and cooling remains transparent.

2,133,703
SLAGGING FURNACE
George P. Jackson, Flushing, N. Y., assignor to Combustion Engineering Company, Inc., New York, N. Y., a corporation of Delaware
Application February 24, 1936, Serial No. 65,213
13 Claims. (Cl. 122—235)



1. In a furnace for burning slag forming fuel, the combination of a combustion chamber, and a bottom for said chamber comprising spaced water tubes certain of which have bowed portions to provide a liquid slag outlet in the bottom, projections on the bowed portions of the tubes which define the periphery of said outlet, and refractory material retained by said projections to line the periphery of said outlet.

2,133,704
TOOTH BRUSH
Fred A. Jones, Los Angeles, Calif., assignor to Clean-Be-Tween Toothbrush Co., Inc., New York, N. Y., a corporation of Missouri
Application September 11, 1936, Serial No. 100,224
2 Claims. (Cl. 306—30)

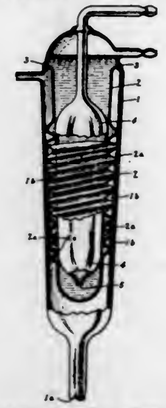
1. A toothbrush structure comprising a handle and a removable brush head, said handle including a slotted shaft, a sleeve projecting axially

from one end of said shaft and rigidly connected thereto, an elongate element movable in said sleeve, said element terminating at one end in a crook adapted to embrace and frictionally clamp a portion of the brush head when the element is



drawn inwardly of said sleeve, an externally threaded block disposed for movement in the shaft slot, secured to the opposite end of said element, and an internally threaded collar disposed about the slotted portion of said shaft and operatively engaging said block, said collar providing a closure for the shaft slot.

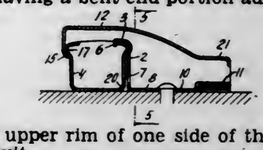
2,133,705
GLASS APPARATUS FOR CHEMICAL LABORATORIES
Wilhelm Juffa, Ilmenau, Thuringia, Germany
Application December 1, 1936, Serial No. 113,548
In Germany May 4, 1936
5 Claims. (Cl. 23—292)



1. A glass apparatus for chemical laboratories, comprising a conical glass mantle adapted to be filled with liquid, a hollow glass helix situated within said mantle and comprising conical spiral windings having edge portions which engage said mantle in a fluid-tight manner, the conical shape of the glass mantle corresponding to the cone described by said edge portions, whereby a spiral circulation passage for a flowing medium is formed between the spiral windings of the helix and the mantle, a conduit connected with said helix and communicating with the interior thereof, and another conduit connected with said mantle and communicating with said spiral circulation passage.

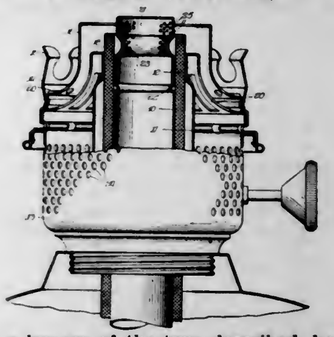
2,133,706
TAKE-OFF FITTING
Arthur O. La Ducer, Hartford, Conn., assignor to The Wiremold Company, Hartford, Conn., a corporation of Connecticut
Application December 12, 1936, Serial No. 115,504
4 Claims. (Cl. 247—28)

1. In a take-off fitting for electric conduit systems, the improvement which comprises a substantially channel-shaped cover member adapted at one end to engage the open top of an electric conduit with the major axis of the cover member substantially perpendicular to the major axis of the conduit, and a base member having two legs substantially perpendicular to one another, one leg having a bent end portion adapted to en-



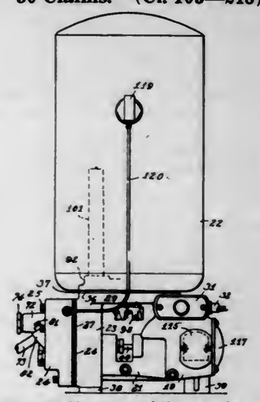
gage the upper rim of one side of the open electric conduit.

2,133,707
BURNER FOR INCANDESCENT LIGHT
Hermann Lahde, Berlin, Germany, assignor to Ehrich & Graetz, Aktiengesellschaft, Berlin, Germany, a corporation of Germany
Application March 6, 1936, Serial No. 67,469
4 Claims. (Cl. 67—38)



2. In a burner of the type described, having a wick, inner and outer wick tubes for guiding said wick, and a burner cone, means for maintaining said outer wick tube in a cool and dry condition, including a substantially horizontal, imperforate flame flange member supported above said outer wick tube and between it and said burner cone, said member being substantially spaced from said burner cone and slightly spaced from said wick above said wick tube.

2,133,708
PUMP UNIT
Swan E. Larson, Rockford, Ill., assignor to Geo. D. Roper Corporation, Rockford, Ill., a corporation of Illinois
Application June 8, 1936, Serial No. 84,146
30 Claims. (Cl. 103—218)



1. A pump unit comprising a base formed to provide a pump housing and a drive gear housing

interconnected in horizontally spaced relation, pump mechanism in the first housing operatively connected with drive mechanism in the second housing, said housings providing spaced supporting feet for said base, a storage tank disposed vertically over said base and demountably supported thereon, means establishing detachable fluid connection between said tank and said pumping mechanism when said tank is supported on said base, and fastening means for detachably securing said tank to the base extending downwardly from beneath the tank and accessible in the space between the two housings.

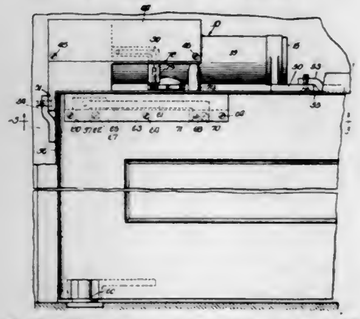
2,133,709

DOOR CLOSING AND CHECKING DEVICE

David R. Lasier, Chicago, Ill., assignor to Norton Lasier Company, Chicago, Ill., a corporation of Illinois

Application June 5, 1937, Serial No. 146,634

18 Claims. (Cl. 16—61)



1. A double acting door closing and checking device comprising a support adapted to be mounted in a frame above a door, a cylinder mounted on said support and having a fluid piston mounted therein, a compression spring located in one end of said cylinder and a drive shaft support mounted on the other end of said cylinder, a spindle extending upwardly from said piston, a drive shaft mounted in said drive shaft support and extending to locations above and below the same and means for journalling said drive shaft in a door and other means for connecting the same to said door remote from said journal, said last named means being adjustable for aligning said door with respect to the door sill.

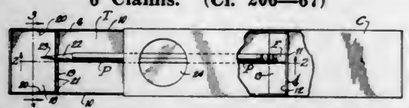
2,133,710

BOX FOR PENCILS AND THE LIKE

Roy E. Lowey, Evanston, Ill., assignor to Horder's Incorporated, Chicago, Ill., a corporation of Illinois

Application December 19, 1936, Serial No. 116,746

6 Claims. (Cl. 206—67)



5. A box for holding sharpened pencils comprising a tray, a bridge wall extending transversely of the tray adjacent one end thereof adapted to abut and support the sharpened end portions of the pencils whose opposite ends abut the remote end of the tray, and means providing a yieldable mounting for the bridge wall tensioned to normally swing the wall toward said remote end of said tray.

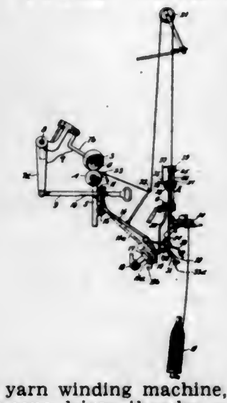
2,133,711

STOPPING DEVICE FOR YARN WINDING MACHINES

James S. McAlister and Ernst C. Sherman, Chattanooga, Tenn., assignors to Standard-Coosa-Thatcher Company, a corporation of Tennessee

Application December 11, 1936, Serial No. 115,300

9 Claims. (Cl. 242—36)



1. In a yarn winding machine, a driving roll, a winding cone driven thereby, mounting means normally holding said cone in driving contact with the roll, said means being adapted to lift the cone out of driving contact with the roll, means for guiding a run of yarn to said cone, a lever pivotally supported adjacent said run of yarn, a member carried by said lever in contact with said run of yarn, an oscillating member for imparting lifting movement to said mounting means, latch means having a portion in ratchet engagement with said mounting means and a portion normally out of the path of the oscillating member, a trip device having a portion cooperating with a portion of said lever and adapted to be tripped when an enlargement in the yarn engages said contact member, and a member carried by said latch means adapted to be actuated by the trip device when it is tripped to move the latch means into the path of said oscillating member.

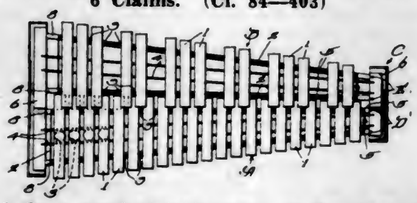
2,133,712

MUSICAL INSTRUMENT

Clair Omar Musser, Chicago, Ill.

Application September 20, 1937, Serial No. 164,734

6 Claims. (Cl. 84—403)



1. In a musical instrument of the class described, the combination with a horizontal row of laterally spaced vibrant bars tuned to a musical scale, and a cord upon which the bars are threaded at their nodal points, of a resilient mounting for the bars comprising an elongated piece of resilient material extending in spaced relation under the bars and having upright formations arranged between the bars, and each formation having a recess in its top end within which the cord is received.

2,133,713

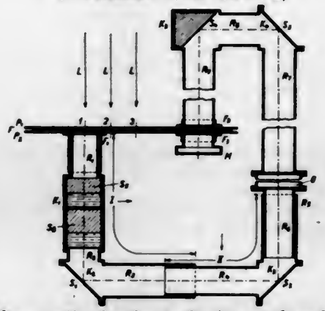
PROCESS FOR THE PRODUCTION OF COLOR FILMS AND COLOR PHOTOGRAPHS

Peter Nešpor, Vienna, Austria

Application May 23, 1935, Serial No. 22,956

In Austria May 29, 1934

7 Claims. (Cl. 88—24)



3. The method of producing colored photographs and kinematographic films, consisting in providing a web of transparent film having arranged thereon successive partial original images and a sensitized surface, and photographing successively the partial images in register with each other on the sensitized surface.

2,133,714

MANUFACTURE OF ARTIFICIAL THREAD

Harold Henry Parker, Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application June 19, 1933, Serial No. 676,463

23 Claims. (Cl. 18—8)



1. In a method of preparing artificial threads, films, horsehair, straws, etc., the steps which comprise filtering a viscose solution through a filter press formed of a material which is not corroded by said viscose solution and does not contaminate said viscose solution in advance of a manifold of a spinning machine, thereafter conducting said viscose solution to the manifold of the spinning machine and to the extruding device, and maintaining the quality of said viscose solution substantially the same during its passage after filtering by the filter press to the extruding device.

2,133,715

METHOD OF PRODUCING ARTIFICIAL THREAD

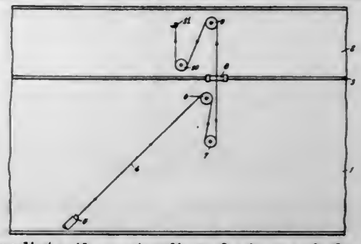
Harold Henry Parker, Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application August 23, 1933, Serial No. 686,353

Renewed March 16, 1938

6 Claims. (Cl. 18—54)

1. A method of producing artificial filaments, threads, straw, horsehair, ribbons, films, etc., which comprises extruding a viscose solution into a bath containing at least 45% sulphuric acid, imposing a substantially uniform and constant tension of at least 0.1 gram per denier and without any undue sliding friction on the structure



intermediate the extruding device and draw-off device, checking the action of the acid on the structure prior to the production of any deleterious results, and winding the structure in an operation combined with the production of the same at a speed not less than 3,000 inches per minute.

2,133,716

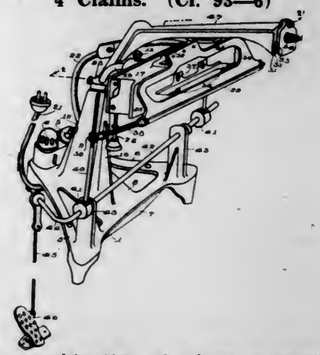
SEALING MEANS

Herbert Louis Reitzes, Philadelphia, Pa.

Application March 24, 1934, Serial No. 717,201

Renewed December 9, 1937

4 Claims. (Cl. 93—6)



1. The combination of a base, a member carried by and angularly adjustable with respect to said base in a horizontal plane, a normally heated platen mounted upon said member and adjustable angularly in a substantially vertical plane, a creasing element also mounted upon said member and adjustable in a horizontal plane, said element being operative to limit the movement of said first member in one direction with respect to said base, and normally projecting freely above and in spaced relation with said platen, means to compress layers of a cellulose derivative against said platen, and means to actuate said last-named means.

2,133,717

SLEEPING PACK

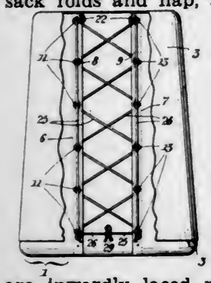
Ernest C. Robes, Jr., Hanover, N. H.

Application September 30, 1935, Serial No. 42,833

4 Claims. (Cl. 5—343)

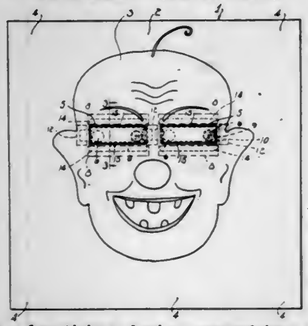
4. A sleeping bag made from a single length of canvas or the like to include a sack portion and a cover flap, said sack portion when medially-folded about a transverse line forming overlying storage pockets, continuous lacings for detach-

ably securing together the superposed side edges of the two sack folds and flap, and when the



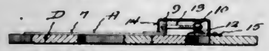
side edges are inwardly laced preventing the ingress of moisture to said pockets.

2,133,718
ADVERTISING CARD OR SIGN
George S. Rossi, New York, N. Y., assignor to Beaverite Products, Inc., Beaver Falls, N. Y., a corporation of New York
Application May 17, 1938, Serial No. 208,453
10 Claims. (Cl. 40—138)



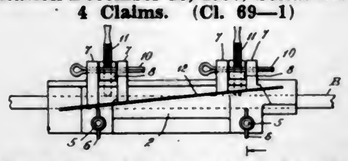
1. An advertising device comprising a card of relatively stiff material, the front of said card bearing the representation of a face, said face having eye areas, a pair of transparent housings mounted on said face over the eye areas thereof, and ball like members loosely mounted for rolling movement in said housings.

2,133,719
ANTISAG DEVICE FOR DOORS
George H. Rundle, Palmyra, Wis.
Application November 5, 1936, Serial No. 109,274
1 Claim. (Cl. 20—38)



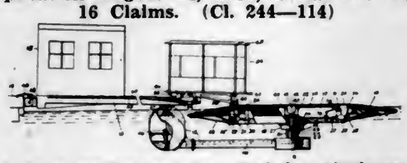
As a new article of manufacture, an anti-sag appliance for doors comprising, an elongated flat strip of metal having its inner end folded back upon itself, said folded portion having a laterally extending apertured ear, the lower end of the strap being adapted to be secured to the lower outer corner of a door, a U-shaped bracket adapted to be secured to the door adjacent to its inner edge, said bracket having spaced apertured legs, a nut received in said U-shaped bracket between the legs thereof, and adjusting screw rotatably mounted in the aperture of the ear extending through the apertures of the legs of the U-shaped bracket and fitted in said nut, and a detachable housing for fitting over the bracket, ear, and screw.

2,133,720
BELT JOINER
George Arthur Schieren, Great Neck, N. Y., assignor to Chas. A. Schieren & Company, New York, N. Y., a corporation of New York
Application December 10, 1937, Serial No. 179,127
4 Claims. (Cl. 69—1)



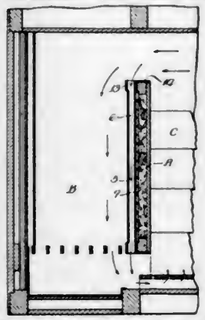
1. Apparatus of the character described comprising a frame shaped to receive a V belt, means for adjusting the width of said frame, means for retaining a belt therein, and means for receiving and guiding a cutting element to sever said belt.

2,133,721
AIRPLANE TERMINAL
Solomon H. Seidman, Bronx, N. Y.
Application August 14, 1935, Serial No. 36,135
16 Claims. (Cl. 244—114)



1. In a waterfront terminal for airplanes, in combination, a partially submerged platform at one end of said terminal, means for adjusting the elevation of said platform whereby landing and launching of said airplanes is effected and means for rotating said platform about an axis therethrough to reverse the direction faced by said planes away from said terminal after landing on said platform.

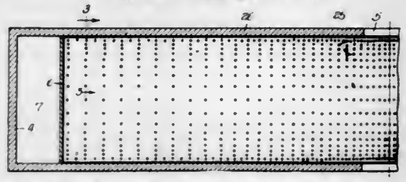
2,133,722
BULKHEAD FOR REFRIGERATOR CARS
Vinton E. Sisson, Winnetka, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company, a corporation of Delaware
Application March 31, 1937, Serial No. 133,939
6 Claims. (Cl. 105—376)



1. In a refrigerator car, a bulkhead extending between the opposite walls of the car and separating a refrigerant chamber from a lading compartment with openings above and below said bulkhead for air circulation between the chamber and the compartment, said bulkhead comprising a metallic plate having alternate portions

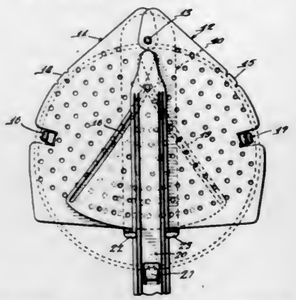
in spaced substantially parallel planes connected by vertical webs to provide vertical flues communicating with said openings, an insulated wall so secured to said portions on the side of the lading compartment as to provide stiffeners between the webs, and a metallic foraminous wall so secured to said portions on the side of the refrigerant chamber as to provide ties between adjacent webs whereby said walls, said portions and said webs combine to provide a truss between the opposite walls of the car to resist horizontal thrusts.

2,133,723
FLOOR RACK FOR REFRIGERATOR CARS
Vinton E. Sisson, Winnetka, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company, a corporation of Delaware
Application June 17, 1937, Serial No. 148,689
7 Claims. (Cl. 105—375)



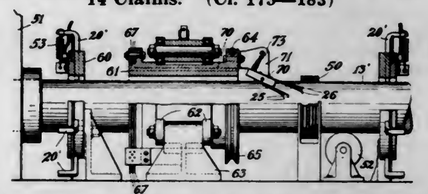
1. In a refrigerator car having spaced apart side walls and a bunker extending between said walls; a floor rack comprising a sheet member supported in spaced relation to the floor of the car by a plurality of stringers substantially parallel to said walls to provide a plurality of air channels which communicate with the bunker, said sheet member being provided with apertures over each of said air channels for air movement therethrough, the distances between said apertures progressively decreasing from the bulkhead toward the middle of the car.

2,133,724
KITCHEN UTENSIL
Theodore J. Smulski, Knox, Ind.
Application January 17, 1936, Serial No. 59,540
6 Claims. (Cl. 210—155)



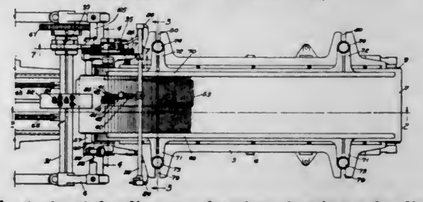
1. A drainer for open-ended vessels such as pans, pots, kettles and the like comprising a plurality of foraminous strainer elements for covering at least one side of the open end of said vessels, a plate on which said strainer elements are pivotally mounted, clamping means fixed on said strainer elements, said strainer elements having guideways thereon, a substantially rigid handle, means on said handle for movably engaging said guideways for the pivotal movement of said strainer elements on said plate, said handle extending beyond the other side of said vessel, and means on said handle for movement therewith to clampingly engage the edge of the adjacent side of the vessel, the movement of said handle pivoting said strainer elements on said plate into such adjustment that the clamping means thereof clampingly engage the adjacent edge of the vessel.

2,133,725
FLAW DETECTOR FOR ELECTRICAL CONDUCTORS
Elmer A. Sperry, Jr., Brooklyn, and Francis Henry Shepard, Jr., New Rochelle, N. Y., assignors to Sperry Products, Inc., Brooklyn, N. Y., a corporation of New York
Application February 12, 1932, Serial No. 592,524
14 Claims. (Cl. 175—183)



1. In a flaw detector apparatus for electrical conductors, means for continuously passing current through said conductor, detector means including a plurality of axially spaced contacts for detecting variations in the characteristics of current flow caused by flaws, means for relatively rotating said conductor and detector means, and means for simultaneously relatively moving said conductor and detector means axially.

2,133,726
SHEET FEEDER
Edwin G. Staude, Minneapolis, Minn.
Application October 22, 1934, Serial No. 749,439
30 Claims. (Cl. 271—39)

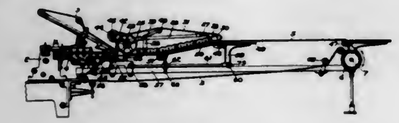


1. A sheet feeding mechanism, having a feeding wheel having a friction feeding surface, feed retard means in feeding relation with said feeding wheel, a moving conveyor for supplying sheets to the feeding wheel in overlapped relation, and means including a reciprocatory ratchet mechanism, including a part located near the end of the sheet to be fed and acting to loosen the sheet and adapted to start and stop said conveyor conformably to feeding requirement.

2,133,727
DELIVERY MECHANISM FOR PAPER BOX MACHINES
Edwin G. Staude, Minneapolis, Minn.
Application May 23, 1936, Serial No. 81,512
12 Claims. (Cl. 271—76)

1. A device of the class described including, means for feeding flat articles, a delivery belt to which said means delivers articles in lapped relationship, a pressure device cooperating with

the upper stretch of said belt, and a flat surface over and against which said belt travels, said



surface being located beneath the major portion of said pressure device.

2,133,728

COLORED ROOFING GRANULES AND METHOD OF MANUFACTURING THE SAME

Paul Teetor, Poultney, Vt., assignor to Central Commercial Company, a corporation of Illinois

No Drawing. Application February 20, 1935, Serial No. 7,431

9 Claims. (Cl. 91—70)

7. Roofing material comprising felt impregnated with bituminous composition and colored granules secured to one surface of said felt by said composition, each of said granules being covered by cementitious material consisting of an insoluble phosphate that has been fused thereon and containing color pigment interspersed therein.

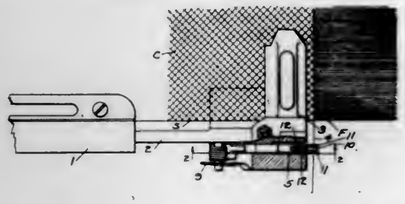
2,133,729

THREAD CUTTING TEMPLE

Carl D. Brown, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a corporation of Maine

Application June 3, 1938, Serial No. 211,569

4 Claims. (Cl. 139—303)



1. A thread cutting temple comprising a temple head having a bifurcated ledger blade and a movable cutter blade, said cutter blade having a bifurcated cutting tip straddling said ledger blade, the legs of said ledger blade being biased away from each other into contact with the respective legs of said cutting tip.

2,133,730

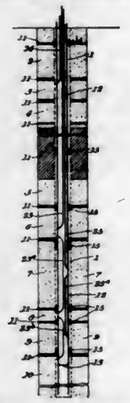
OIL PRODUCTION APPARATUS

William J. Brundred, Oil City, Pa., assignor to Brundred Oil Corporation, Oil City, Pa., a corporation of Pennsylvania

Application April 22, 1936, Serial No. 75,700

9 Claims. (Cl. 166—1)

1. In apparatus for producing oil, the combination of a tubing extending downwardly in an oil well, a plurality of packers mounted circumferentially of said tubing and arranged to isolate the various strata pierced by the well from each other, and a plurality of pipes extendng downwardly within the tubing and having their lower ends in communication through the wall of the



tubing with strata having varying characteristics of permeability.

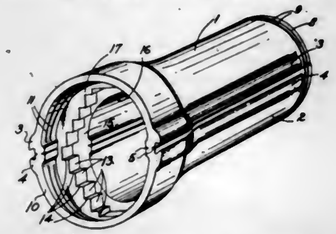
2,133,731

CONDUIT

Christian Gottwald, Cleveland Heights, Ohio, assignor to The Ric-wiL Company, Cleveland, Ohio, a corporation of Ohio

Application June 26, 1936, Serial No. 87,412

3 Claims. (Cl. 138—48)



1. A conduit consisting of a plurality of bell and spigot sections sealed together, a pipe within said conduit, and supports for said pipe carried upon horizontal steps formed in the interior surface of the bell portion of the sections.

2,133,732

MANUFACTURE OF HYDROCARBON POLYMERS

Hendrik Willem Huyser, Hilversum, and Johannes Andreas van Melsen, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application July 13, 1935, Serial No. 31,280. In the Netherlands April 28, 1930

5 Claims. (Cl. 260—683)

4. A process of producing di- and tri-isobutylene which comprises contacting isobutylene with an aqueous strong polybasic mineral acid of about 50% to about 75% concentration until at least as many mols of isobutylene per mol of said acid have been taken up by the acid solution as corresponds to the basicity of said acid, heating the resulting absorption product to about 100° C., maintaining said absorption product at about the same temperature until substantial polymerization of the absorbed isobutylene takes place and recovering the resulting di- and tri-isobutylene.

2,133,733

ORGANIC PEROXIDE COMPOSITIONS

Franz Rudolf Moser, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Original application March 18, 1935, Serial No. 11,667. Divided and this application July 6, 1937, Serial No. 152,141

7 Claims. (Cl. 23—250)

1. An organic peroxide composition essentially comprising a peroxide of the class consisting of aldehyde and ketone peroxides and a minor amount of a hydrocarbon in the liquid state sufficient to wet the peroxide surfaces.

2,133,734

NONCORROSIVE LUBRICATING OIL

Franz Rudolf Moser, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application July 14, 1937, Serial No. 153,519. In the Netherlands July 24, 1936

8 Claims. (Cl. 87—9)

1. A lubricant capable of preventing corrosion in internal combustion engines, consisting essentially of a mineral lubricating oil and containing a small amount of an alkyl succinic acid comprising a hydrated condensation product of maleic acid anhydride and an olefine boiling above 250° C.

2,133,735

METHOD OF REACTING FLUID REAGENTS

Hein Israel Waterman, Jacob Jan Leendertse, and Willem J. C. de Kok, Delft, Netherlands, assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application March 27, 1936, Serial No. 71,338. In the Netherlands April 25, 1935

11 Claims. (Cl. 260—614)

1. A process of producing a halogenated ether which comprises reacting on a thin substantially unbroken film of a liquid mixture comprising a keto compound containing an aliphatic group linked to a carbonyl carbon atom to which only one oxygen atom is attached, the carbonyl group forming an acyl radical with the remainder of the compound and an alcohol with a hydrogen halide in the gaseous phase.

9. A process of conducting an organic chemical reaction between reactive fluids which form a reaction mixture made up of a liquid phase containing at least one reactant, a gas reactive therewith and a liquid reaction product of said reactants which is incompletely miscible with the first said liquid phase and reactive with a component thereof under the reaction conditions, comprising reacting on a thin substantially unbroken film of the first said liquid phase with said gas while regulating the rate of film flow during reaction so that turbulence is avoided and stratification of the liquid products of the reaction takes place under the conditions prevailing, and withdrawing reaction product containing phase.

2,133,736

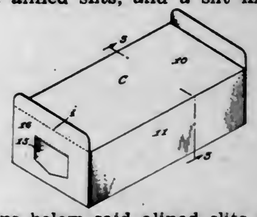
CONTAINER

Charles J. Balin, St. Louis, Mo.

Application June 17, 1937, Serial No. 148,796

7 Claims. (Cl. 229—35)

1. A collapsible container comprising a bottom, sides, cover, and ends; each of said ends comprising three contacting flaps, the two inner of said flaps being provided with alined slits adjacent the tops thereof, the outer of said flaps being provided with a tab removably engaged within the alined slits, and a slit in the inner



of said flaps below said alined slits for removably receiving the end of said tab.

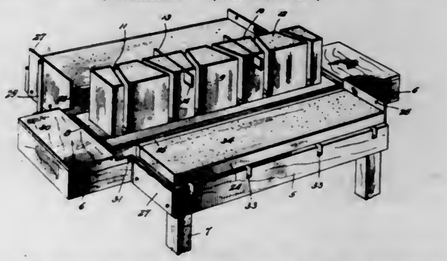
2,133,737

MULTIPLE CEMENT BLOCK FORMING MACHINE AND METHOD OF MAKING HOLLOW BUILDING BLOCKS

Elie Owen Blackwell, Gainesville, Fla.

Application May 10, 1937, Serial No. 141,802

7 Claims. (Cl. 25—41)



7. A machine for making hollow building blocks comprising a table, pivoted side molds carried by said table for movement from a horizontal position to a vertical position and forming the side walls of a molding chamber when in a vertical position and provided with molding cavities for preforming the side walls of a block when in a horizontal position, web-forming cores movable vertically between the side molds, some of said cores being provided with cutting knives projecting from their sides, end walls for the molding chamber pivotally mounted on the table, means for supporting the pivoted side molds and end walls in upright position whereby when concrete is introduced between the cores the resultant connecting webs will be integrally united with said preformed walls to form an integral product, and means for retracting the cores from between the side molds to cause the cutting knives to pass through the side walls of the block and sever the molded product into predetermined lengths.

2,133,738

METHOD OF AND APPARATUS FOR MAKING RADIOGRAPHS OF BODY LAYERS

Henri Chaoul, Berlin, Germany

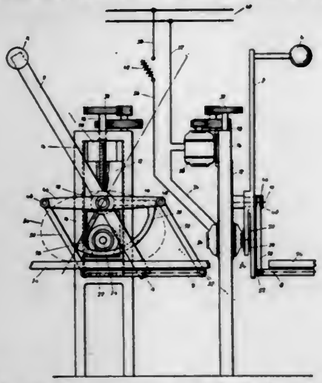
Application June 27, 1935, Serial No. 28,653

In Germany June 29, 1934

5 Claims. (Cl. 250—34)

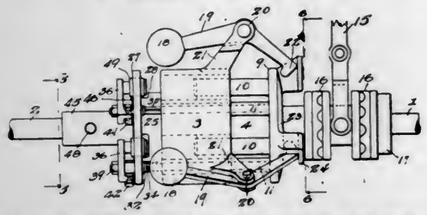
1. Method of radiographing body layers by making a radiograph of a plurality of parallel sections thereof, which comprises making an exposure of the body layer to be radiographed; during said exposure moving the X-ray focus and the film holder in unison in opposite directions upon opposite sides of said body layer and relatively to a shaft located in a plane that is perpendicular to the plane in which said X-ray focus is moved and parallel to the body layer to

be radiographed; maintaining said film holder always parallel to the body layer to be radiographed and directing the central beam of the X-ray always upon the same point of said plane containing said shaft during said movement of the X-ray focus and film holder; and during and in unison with said movement of the X-ray focus



and film holder moving said shaft parallel to itself relatively to the body layer to be radiographed and perpendicularly to the plane of said film holder, throughout the thickness of said layer to bring the plane containing said shaft successively into coincidence with the different sections of said layer.

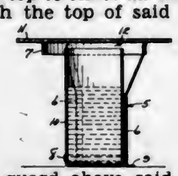
2,133,739
CLUTCH
Douglas Collins, Salisbury, N. C.
Application September 13, 1935, Serial No. 40,497
21 Claims. (Cl. 192—55)



1. In a power transmitting means, the combination with a drive shaft, an alined driven shaft, and a revolvable clutch head, of a revolvable and reciprocable head and a spaced torsion frame, torque units mounted in the clutch head and connecting said reciprocable head and frame, automatic means for energizing said units to effect transmission of torque when the drive shaft is revolving, and means for de-energizing said units to discontinue the transmission of torque.

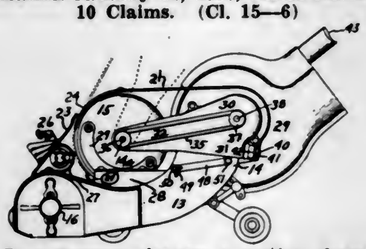
2,133,740
COMBINED TABLE AND AQUARIUM
Stephen E. Donohoue, Charleston, W. Va.
Application October 18, 1937, Serial No. 169,737
2 Claims. (Cl. 119—5)

1. A device of the character described, comprising, in combination with a reservoir, a table comprising supporting legs, upper and lower members connecting said legs together and a transparent top mounted on said upper member, said reservoir extending between said legs and embraced by said members, said upper member cooperating with said top to effect an air passage communicating with the top of said reservoir, said



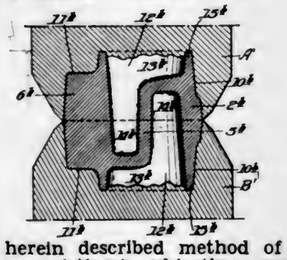
top effecting a guard above said reservoir in a manner to permit a view of the contents in said reservoir through the top thereof.

2,133,741
VACUUM CLEANER
Dewey M. Dow and Lynn H. Latta, Toledo, Ohio, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio, a corporation of Delaware
Application January 11, 1937, Serial No. 119,953
10 Claims. (Cl. 15—6)



1. In a vacuum cleaner, a suction chamber, a motor mounted thereon, its axis horizontal and transverse to the direction of cleaner movement, a fan case displaced from the axis of said motor and mounted for swinging movement around the axis of said motor, a fan and a fan shaft rotatably mounted in said case, means to transmit power from said motor to said fan and fan shaft and a handle rigidly attached to said fan case, said suction chamber having an outlet and said fan case having an inlet arranged to telescopically connect with said outlet when the handle is in a normal cleaning position, and to be disconnected from said outlet when the handle is raised to an upstanding, inoperative position, said fan case inlet being adapted to receive auxiliary cleaning tools when the handle is in said inoperative position.

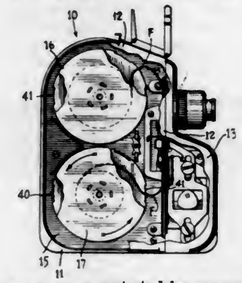
2,133,742
FORGED VALVE BODY AND METHOD OF MAKING SAME
John S. Forbes, Pittsburgh, Pa., assignor to Kerotest Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application July 31, 1935, Serial No. 34,048
5 Claims. (Cl. 29—157.1)



1. The herein described method of making valve bodies consisting in subjecting a metal blank

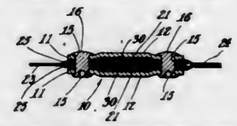
to the action of a pair of dies thereby forging the blank into a unitary body configuration and forging interiorly of the body on a common axis oppositely disposed passages having overlying portions separated by an integral median wall, then machining a bore in intersecting relation with both of said passages.

2,133,743
MOTION PICTURE CAMERA
Otto W. Githens and George Kende, New York, and Everett M. Porter, Brooklyn, N. Y., assignors, by mesne assignments, to Universal Camera Corporation, New York, N. Y., a corporation of Delaware
Application January 28, 1937, Serial No. 122,688
9 Claims. (Cl. 242—55)



2. In a camera, a rotatably mounted shaft, a circular plate fixed to said shaft for rotation therewith, said plate being provided with at least three outwardly and upwardly extending peripheral projections, and a film spool adapted to be received on said shaft and overlying said plate, said film spool comprising a wall provided with peripheral means adapted to cooperate with at least one of said projections for causing rotation of said spool.

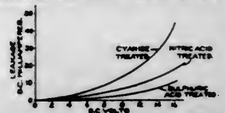
2,133,744
ELECTRICAL CONDENSER
Frank W. Godsey, Jr., North Adams, Mass., assignor to Sprague Specialties Company, North Adams, Mass., a corporation of Massachusetts
Application January 17, 1936, Serial No. 59,615
6 Claims. (Cl. 175—41)



1. An electrical condenser comprising, a stack of alternate layers of conducting and insulating plates, each of said conducting plates being provided with one central raised portion to form air spaces between the layers, and means to compress and permanently deform at least partly said raised portions to decrease the air spaces and to adjust the condenser to a fixed and exact capacity value.

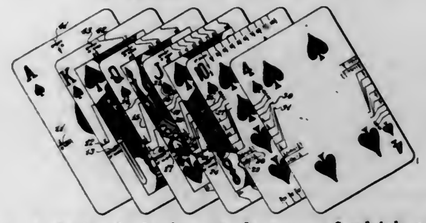
2,133,745
COPPER OXIDE RECTIFYING ELEMENT
Edgar A. Harty, Marblehead, Mass., assignor to General Electric Company, a corporation of New York
Application November 19, 1935, Serial No. 50,542
10 Claims. (Cl. 175—366)

1. The method of producing a rectifying element for copper oxide rectifiers which comprises treating said element with a sulphuric acid solution for a period of time and at a temperature



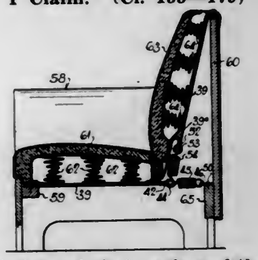
sufficient to remove the layer of black cupric oxide from said element without rendering said element liable to break down under pressure.

2,133,746
GAME APPARATUS
Harvey R. Hawgood, Cleveland, Ohio
Application November 12, 1934, Serial No. 752,580
9 Claims. (Cl. 35—8)



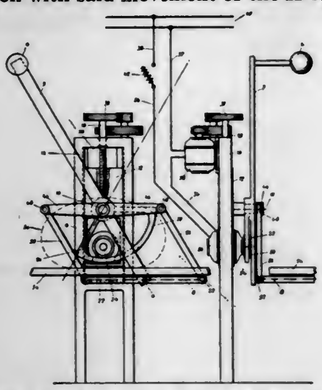
1. A deck of playing cards some of which are provided with indicia indicating a starting point and others of which are provided with indicia serving as continuations of said first mentioned indicia and indicating a playing informational characteristic of the group of cards.

2,133,747
RESILIENT SAGLESS SUPPORT FOR UPHOLSTERED FURNITURE
Arthur C. Hunter, Hickory, N. C., assignor to Hickory Chair Manufacturing Company, Hickory, N. C.
Application September 21, 1936, Serial No. 101,811
1 Claim. (Cl. 155—179)



In an upholstered chair, sofa and the like, having a seat framework and a back framework, means for supporting the upholstery of the seat and back portions comprising a plurality of webbing members, each of the webbing members having its front end secured to the front portion of the seat framework, the upper end of each webbing member being secured to the upper portion of the back framework, a pair of spaced tucks in each webbing member each provided with a re-inforcing pin, a pair of tension springs having their forward ends secured to the lowermost of said pins in the lowermost tuck and having their rear ends secured to the rear portion of the seat framework, a pair of other tension springs having their lower ends secured to said lowermost pin and having their upper ends secured to the pin in the uppermost tuck, the portion of

be radiographed; maintaining said film holder always parallel to the body layer to be radiographed and directing the central beam of the X-ray always upon the same point of said plane containing said shaft during said movement of the X-ray focus and film holder; and during and in unison with said movement of the X-ray focus



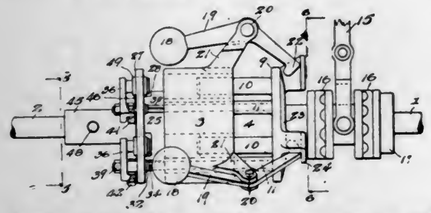
and film holder moving said shaft parallel to itself relatively to the body layer to be radiographed and perpendicularly to the plane of said film holder, throughout the thickness of said layer to bring the plane containing said shaft successively into coincidence with the different sections of said layer.

2,133,739

CLUTCH

Douglas Collins, Salisbury, N. C.

Application September 13, 1935, Serial No. 40,497
21 Claims. (Cl. 192—55)



1. In a power transmitting means, the combination with a drive shaft, an alined driven shaft, and a revolvable clutch head, of a revolvable and reciprocable head and a spaced torsion frame, torque units mounted in the clutch head and connecting said reciprocable head and frame, automatic means for energizing said units to effect transmission of torque when the drive shaft is revolving, and means for de-energizing said units to discontinue the transmission of torque.

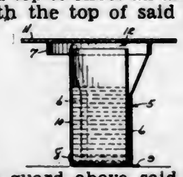
2,133,740

COMBINED TABLE AND AQUARIUM

Stephen E. Donohoue, Charleston, W. Va.

Application October 18, 1937, Serial No. 169,737
2 Claims. (Cl. 119—5)

1. A device of the character described, comprising, in combination with a reservoir, a table comprising supporting legs, upper and lower members connecting said legs together and a transparent top mounted on said upper member, said reservoir extending between said legs and embraced by said members, said upper member cooperating with said top to effect an air passage communicating with the top of said reservoir, said



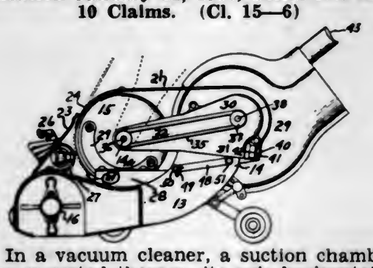
top effecting a guard above said reservoir in a manner to permit a view of the contents in said reservoir through the top thereof.

2,133,741

VACUUM CLEANER

Dewey M. Dow and Lynn H. Latta, Toledo, Ohio, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio, a corporation of Delaware

Application January 11, 1937, Serial No. 119,953
10 Claims. (Cl. 15—6)



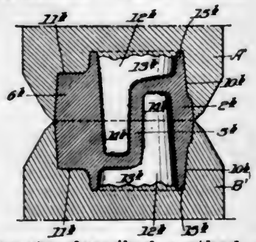
1. In a vacuum cleaner, a suction chamber, a motor mounted thereon, its axis horizontal and transverse to the direction of cleaner movement, a fan case displaced from the axis of said motor and mounted for swinging movement around the axis of said motor, a fan and a fan shaft rotatably mounted in said case, means to transmit power from said motor to said fan and fan shaft and a handle rigidly attached to said fan case, said suction chamber having an outlet and said fan case having an inlet arranged to telescopically connect with said outlet when the handle is in a normal cleaning position, and to be disconnected from said outlet when the handle is raised to an upstanding, inoperative position, said fan case inlet being adapted to receive auxiliary cleaning tools when the handle is in said inoperative position.

2,133,742

FORGED VALVE BODY AND METHOD OF MAKING SAME

John S. Forbes, Pittsburgh, Pa., assignor to Kerotest Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania

Application July 31, 1935, Serial No. 34,048
5 Claims. (Cl. 29—157.1)



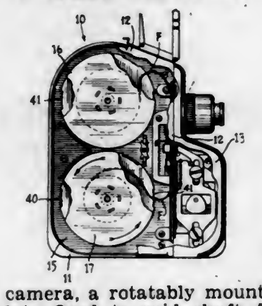
1. The herein described method of making valve bodies consisting in subjecting a metal blank to the action of a pair of dies thereby forging the blank into a unitary body configuration and forging interiorly of the body on a common axis oppositely disposed passages having overlying portions separated by an integral median wall, then machining a bore in intersecting relation with both of said passages.

2,133,743

MOTION PICTURE CAMERA

Otto W. Githens and George Kende, New York, and Everett M. Porter, Brooklyn, N. Y., assignors, by mesne assignments, to Universal Camera Corporation, New York, N. Y., a corporation of Delaware

Application January 28, 1937, Serial No. 122,688
9 Claims. (Cl. 242—55)



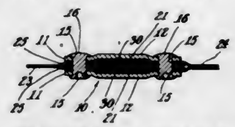
2. In a camera, a rotatably mounted shaft, a circular plate fixed to said shaft for rotation therewith, said plate being provided with at least three outwardly and upwardly extending peripheral projections, and a film spool adapted to be received on said shaft and overlying said plate, said film spool comprising a wall provided with peripheral means adapted to cooperate with at least one of said projections for causing rotation of said spool.

2,133,744

ELECTRICAL CONDENSER

Frank W. Godsey, Jr., North Adams, Mass., assignor to Sprague Specialties Company, North Adams, Mass., a corporation of Massachusetts

Application January 17, 1936, Serial No. 59,615
6 Claims. (Cl. 175—41)



1. An electrical condenser comprising, a stack of alternate layers of conducting and insulating plates, each of said conducting plates being provided with one central raised portion to form air spaces between the layers, and means to compress and permanently deform at least partly said raised portions to decrease the air spaces and to adjust the condenser to a fixed and exact capacity value.

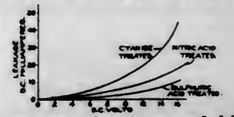
2,133,745

COPPER OXIDE RECTIFYING ELEMENT

Edgar A. Harty, Marblehead, Mass., assignor to General Electric Company, a corporation of New York

Application November 19, 1935, Serial No. 50,542
10 Claims. (Cl. 175—366)

1. The method of producing a rectifying element for copper oxide rectifiers which comprises treating said element with a sulphuric acid solution for a period of time and at a temperature



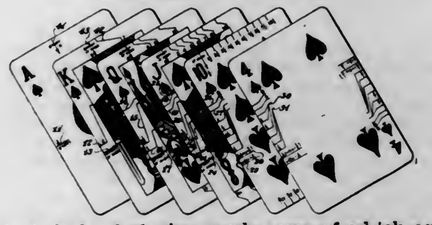
sufficient to remove the layer of black cupric oxide from said element without rendering said element liable to break down under pressure.

2,133,746

GAME APPARATUS

Harvey R. Hawgood, Cleveland, Ohio

Application November 12, 1934, Serial No. 752,580
9 Claims. (Cl. 35—8)



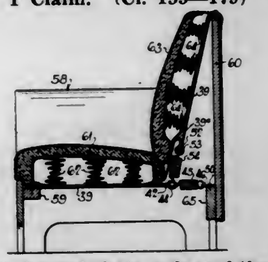
1. A deck of playing cards some of which are provided with indicia indicating a starting point and others of which are provided with indicia serving as continuations of said first mentioned indicia and indicating a playing informational characteristic of the group of cards.

2,133,747

RESILIENT SAGLESS SUPPORT FOR UPHOLSTERED FURNITURE

Arthur C. Hunter, Hickory, N. C., assignor to Hickory Chair Manufacturing Company, Hickory, N. C.

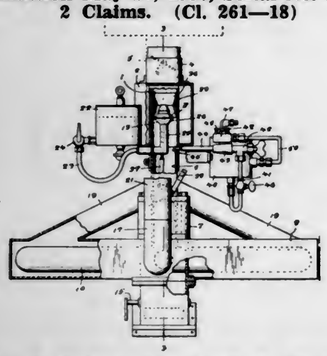
Application September 21, 1936, Serial No. 101,811
1 Claim. (Cl. 155—179)



In an upholstered chair, sofa and the like, having a seat framework and a back framework, means for supporting the upholstery of the seat and back portions comprising a plurality of webbing members, each of the webbing members having its front end secured to the front portion of the seat framework, the upper end of each webbing member being secured to the upper portion of the back framework, a pair of spaced tucks in each webbing member each provided with a re-inforcing pin, a pair of tension springs having their forward ends secured to the lowermost of said pins in the lowermost tuck and having their rear ends secured to the rear portion of the seat framework, a pair of other tension springs having their lower ends secured to said lowermost pin and having their upper ends secured to the pin in the uppermost tuck, the portion of

outlets for the disintegrated matter; disintegrating teeth positioned inwardly on the bowl, the length of said teeth along their converging axes being gradually reduced from the top to the bottom of said bowl; a disintegrator-cone having upwardly converging sides and rotatably mounted in said bowl; means to rotate said cone; disintegrating teeth positioned on said cone, the lowermost teeth having sides converging downwardly toward said bottom to force said matter through said outlets during the rotation of the cone in either direction.

2,133,757
CARBURETOR
Floyd E. Smith, Hapeville, Ga.
Application May 27, 1937, Serial No. 145,107
2 Claims. (Cl. 261—18)



1. A carburetor comprising a vertically arranged mixing chamber open at its upper end to the atmosphere, means connecting the lower end of said chamber to an intake manifold of an engine, a nozzle located in the chamber with the discharge end thereof disposed uppermost, an exhaust stove surrounding the major portion of the mixing chamber and substantially the entire portion of the intake manifold, with said means arranged exteriorly of the stove and including an intake passage and an exhaust passage and a low grade float control fuel supply means engaging and supported by the stove and connected to said nozzle, and a high grade fuel nozzle connecting with the mixing chamber below the first nozzle and within the mixing chamber non-covered by said stove, a high grade fuel and air supply means connected to said second nozzle, and a manually actuated slidable Venturi element in said mixing chamber and movable relative to the first nozzle and in engagement with the latter when high grade fuel is desired from the second nozzle.

2,133,758
NONREFILLABLE BOTTLE CLOSURE
Thomas J. Taheny, Pawtucket, R. I.
Application February 15, 1937, Serial No. 125,922
1 Claim. (Cl. 215—22)

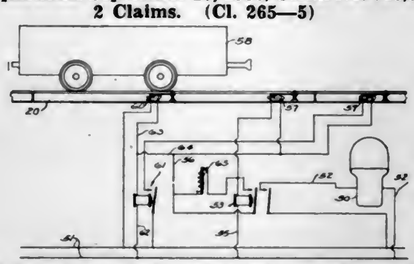


A non-refillable closure for containers, and comprising an inverted cup-shaped body having an outlet in the top thereof, detachable means for closing the outlet, means for permanently clamping the body to the container, disk shaped slidably mounted valve means in said body for controlling the passage of fluid therethrough and being reduced annularly about its outer edge on its lower side, the reduced portion having arcuate slots therein and providing fluid passages, a ring member threaded to the wall of the body for disposal against the upper end of the container and providing a seat for the valve means to receive the lower side of the latter, a weight engageable with the valve means for holding the same normally seated, spaced pegs depending from the valve means in annular formation and arranged in the opening of the ring member for loose fitting engagement with the wall thereof to guide the valve means, substantially truncated conical chamber means for the weight and overlying the same to prevent access to the valve means, an annular flange included in the chamber means and surrounding the chambered portion thereof, and said flange being threaded to the wall of the body and having arcuate slots therein providing fluid passages.

2,133,759
COMPOSITIONS FOR AND PROCESS OF MAKING SUSPENSIONS
James G. Vail, Media, and Chester Leon Baker, Penn Wynne, Pa., assignors to Philadelphia Quartz Company, Philadelphia, Pa., a corporation of Pennsylvania
No Drawing. Application January 30, 1936, Serial No. 61,632
20 Claims. (Cl. 255—1)

1. In the manufacture of suspensions suitable for use in making water paints, adhesives, oil well drilling fluids and the like, the process which comprises dry mixing a finely-divided, dispersible clay with a slowly-soluble, solid alkali metal silicate having a percentage ratio of SiO_2 to alkali metal oxide ranging between about 1.5:1 to 4:1, in amount sufficient to normally produce a flocculating action upon said clay when completely dissolved in water; the said silicate having a rate of solution below that of solid sodium metasilicate and of solid sodium sesquisilicate; and mixing the resulting dry mix with water under conditions producing peptization of said clay prior to complete solution of said silicate, thereby forming a substantially stable suspension of said clay.

2,133,760
RECORDING TRACK SCALE
Lawrence S. Williams, Toledo, Ohio, assignor to Toledo Scale Manufacturing Company, Toledo, Ohio, a corporation of New Jersey
Application September 17, 1934, Serial No. 744,316
2 Claims. (Cl. 265—5)



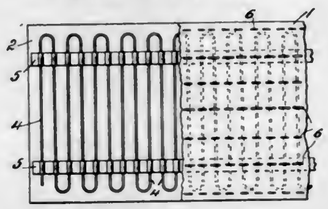
1. In a device of the class described, in combination, a track having parallel rails, a support for a section of said track, said support being yieldable under the weight of a load on said track,

a means adjacent one of the rails of the track adapted to be actuated by a normal car wheel running on said rail, a second means adjacent the other rail of the track adapted to be alternatively or substantially simultaneously actuated by a normal car wheel running on said other rail, and recording means movable into recording position by yielding movement of said track support under load and operated by a single actuation of either the first or second means but requiring resetting to initial condition before it can be again operated by a subsequent actuation of either the first said means or the said second means.

2,133,761
METHOD OF MAKING POROUS METAL OBJECTS
Chester Tietig, Covington, Ky.
No Drawing. Application August 30, 1937, Serial No. 161,589
8 Claims. (Cl. 75—22)

1. The process of making porous metal objects which comprises mixing finely divided dissimilar metal powders with an easily reducible metal oxide, then forming the object under high pressure and then reducing with a reducing gas substantially the entire amount of the oxide to create voids while preserving the general shape of the object and substantially avoiding alloying.

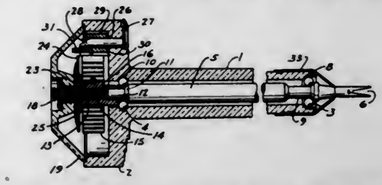
2,133,762
UPHOLSTERY
Harold E. Williams, Carthage, Mo.
Application June 17, 1935, Serial No. 26,935
1 Claim. (Cl. 5—354)



In a spring covering pad, three layers, each layer having substantially even thickness throughout, comprising a fabric sheet, a sheet of padding, and a sheetlike spring strip formed of sinuously bent wire between said sheets, and rows of stitching extending through the three layers transversely across and between the folds of said spring strip at intervals between the folds, whereby the folds are held from spreading apart throughout their lengths and the three layers are united together to form an integral structure of even thickness throughout and adapted for insertion or replacement as a unit.

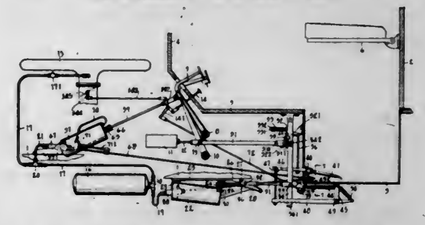
2,133,763
FORCE MEASURING INSTRUMENT
Lawrence S. Williams, Toledo, Ohio, assignor to Toledo Scale Manufacturing Company, Toledo, Ohio, a corporation of New Jersey
Application August 27, 1937, Serial No. 161,273
3 Claims. (Cl. 265—1)

1. In a device of the class described, in combination, an elongated rotatable shaft, means at one end of said shaft for fastening a line thereto whereby a pull on said line will exert a turning effort on said shaft, an anti-friction bearing adapted for taking only radial load adjacent said end of said shaft, torsionally acting means for yieldably resisting such turning effort, a bearing adapted for taking radial and thrust loads supporting said shaft adjacent such torsionally acting means, means for indicating the amount of



such turning effort, and means for releasably retaining such indicating means for maximum load position, said retaining means including a ratchet disk and means for frictionally connecting said ratchet disk to said indicator.

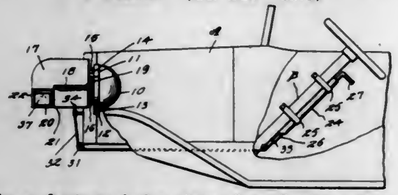
2,133,764
AUXILIARY BRAKE AND CLUTCH CONTROL MEANS FOR AUTOMOTIVE DELIVERY WAGONS AND TRUCKS
Jesse B. Brown, Detroit, Mich., assignor, by mesne assignments, to Velvet Power Brake Company, Detroit, Mich., a corporation of Michigan
Application February 12, 1931, Serial No. 515,177
15 Claims. (Cl. 192—.01)



1. In an auxiliary brake and clutch control means for automotive delivery vehicles, the combination with the engine, the clutch, brake and accelerator means and pedals, of an auxiliary vacuum brake cylinder having piston connections and lever control means and having an engine valve and connections to a vacuum means, actuating levers cooperating with said piston connections in said cylinder, an intermediate brake lever, a pitman connection therefrom having a slotted yoke guided on a cross pin on said intermediate lever, a yielding means carried by said lever, an auxiliary actuating pedal, a rockshaft therefor, an arm connected to said yielding means, an actuating rock plate having connections for controlling the valve to said engine, a spring means for actuating the said shaft to return it to initial position and actuate the said rocker plate, a pivoted ratchet rack bar cooperating with a ratchet tooth on said auxiliary lever for locking the same, lost motion connections to the said lever to permit the yielding operating means to operate the pedal rockshaft to partially actuate the valve means and check the action of the brake cylinder, an auxiliary cylinder having a piston connection to the clutch pedal lever, an engine valve therefor having actuating rod connections to the said rocker plate on the auxiliary pedal shaft for operating the same, means for confining air in the head of said cylinder to form an air cushion, a relief passage leading therefrom controlled by a check valve, an auxiliary connection to the engine valve control rod for tripping the said valve to release

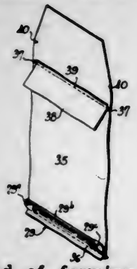
the webbing between the two tucks being loosely disposed in front of said other tension springs to prevent contact between the upholstery and said other springs.

2,133,748
LIGHT SHADE
Bernhard Janssen, Philadelphia, Pa.
Application April 3, 1937, Serial No. 134,916
1 Claim. (Cl. 240—45.6)



In a device of the class described a plate-like adjustable shield adapted to be interposed at an angle across the path of light rays from a headlight so as to intercept said rays and to deflect the same to the side of the road, a clamping band for embracing the front end of the headlight and having the shield hinged thereto, the said shield being provided with a cut away portion at the outer lowermost corner thereof, a swinging shutter fitting said cut away portion, and means for adjusting said shutter flush with or angularly with relation to the shield.

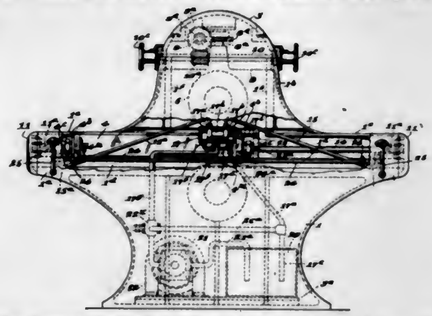
2,133,749
METHOD OF GARMENT MANUFACTURE
Eugene A. Lockwood, High Point, N. C.
Application June 2, 1937, Serial No. 145,941
3 Claims. (Cl. 2—247)



1. That method of forming a pocket which comprises forming a pair of spaced slits in a welt fabric, doubling said fabric upon itself so that the fold line traverses said slits to form an intermediate welt and two end welts, securing the folded edges of said fabric to one end of a piece of pocket material, then folding said pocket material upon itself and securing the end welts in the side edges of said pocket, cutting a second slit of a shorter length than said intermediate welt in a garment material and then securing the intermediate welt to the material adjacent the second slit.

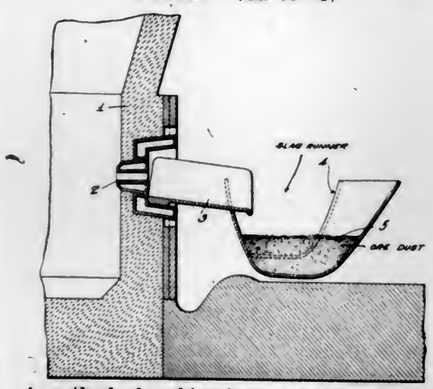
2,133,750
HYDRAULIC MAT ROLLER
Thomas H. Mars and Herbert C. Behrens, Battle Creek, Mich., assignors to Duplex Printing Press Company, Battle Creek, Mich., a corporation of Michigan
Application February 23, 1937, Serial No. 127,306
20 Claims. (Cl. 101—12)

1. In a mat roller, a reciprocable bed having a fluid cylinder, a stationary piston in the cylinder, and means for admitting fluid under pressure into the cylinder at one side of the piston



and simultaneously withdrawing fluid from the cylinder at the opposite side of the piston.

2,133,751
METHOD OF MAKING ORE DUST BRIQUETTES
William Millward, Pittsburgh, Pa.
Application June 16, 1936, Serial No. 85,545
1 Claim. (Cl. 75—3)

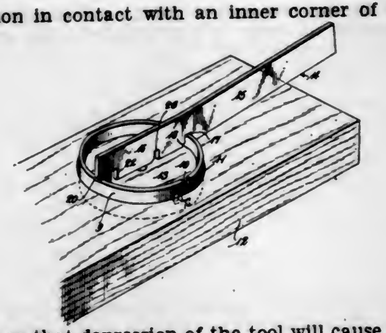


A method of making iron ore briquettes which consists first in maintaining a quantity of iron ore dust in the line of flow of molten slag into and through the slag runner of a furnace, flowing the molten slag into and through the slag runner and onto and over the ore dust therein, subsequently causing the molten body of slag containing the ore dust to cool to a temperature of approximately 600° F. and finally subjecting the cooled and congealed material to contact with water thereby breaking up the same into briquette particles.

2,133,752
TOOL
James E. Myer, Washington, D. C., and Paul E. Magerstadt, San Francisco, Calif., assignors to Timber Engineering Company, Washington, D. C., a corporation of Delaware
Application October 24, 1936, Serial No. 107,498
1 Claim. (Cl. 81—3)

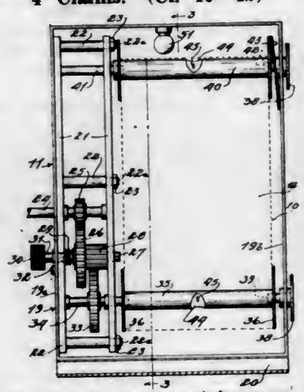
A split-ring connector tool comprising a rigid member having spaced slots each presenting a wall, said walls spaced apart a greater distance than the normal inside diameter of a connector, one of said walls to engage an inner surface of the connector having a beveled portion inclined toward the bottom of its slot, said walls being engageable with the connector with the beveled

portion in contact with an inner corner of the



ring so that depression of the tool will cause said walls to enter and expand the connector and attach the tool thereto.

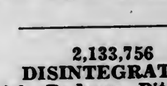
2,133,753
AUTOGRAPHIC GUIDE
James A. Nichols and William E. Flanagan, Washington, D. C.
Application July 8, 1938, Serial No. 218,198
4 Claims. (Cl. 40—42)



1. In reeling means for strip maps forming motor vehicle road guides and the like, a casing, a pair of parallel plates in said casing, a driving shaft journalled in said plates and extending out of said casing for connection to a rotating part of the vehicle, a pinion fixed on said shaft, a driven shaft journalled in said plates in spaced relation to the driving shaft, a spur gear fixed on said driven shaft, an intermediate shaft journalled in said plates and slidable longitudinally through the plates, a gear fixed on said intermediate shaft normally meshing with said pinion and slidable with the shaft to move out of mesh with the pinion, a second gear fixed on said intermediate shaft and constantly meshing with the gear on the driven shaft in all portions of the intermediate shaft, a winding reel connected to the driven shaft to rotate therewith, and means to move said intermediate shaft to bring the first mentioned gear thereon into and out of mesh with said pinion.

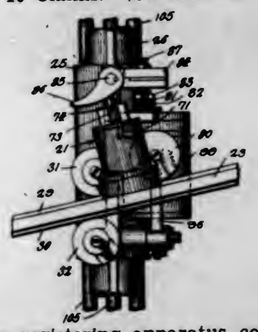
2,133,754
COLLAPSIBLE TUBE COMPRESSOR
Harry Oscar, New York, N. Y.
Application December 4, 1937, Serial No. 178,036
5 Claims. (Cl. 221—60)

1. A collapsible tube compressor comprising rigid plates secured on opposite sides of the closed end of the tube, a sheath integrally connecting the lower edges of said plates, a slotted



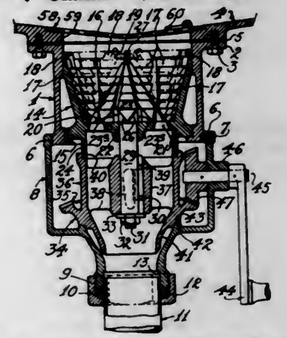
rod limitedly slidable in said sheath, and a finger grip lever pivoted in the slot of said rod.

2,133,755
VOTE REGISTERING APPARATUS
José A. Pereyra, Lima, Peru
Application April 3, 1933, Serial No. 664,250
10 Claims. (Cl. 235—52)



4. A vote registering apparatus comprising a duality of spiral tracks, a plurality of stations disposed along each of said tracks, a rotary traveler traversing each of said tracks, means for rendering each station individually operative, a circuit closer carried by each traveler and actuated when the traveler passes an operative station, an electrically operated register controlled by each circuit closer, a common driving means for both travelers, means for reversing the driving means periodically to return the travelers, an additional electrically operated registered controlled by the circuit closers of both travelers, and automatic means to successively render the last said register responsive to the circuit closers and the individual registers responsive thereto, the travelers moving in synchronism but out of phase.

2,133,756
DISINTEGRATOR
Dominick Rodgers, Pittsburgh, Pa.
Application October 3, 1936, Serial No. 103,919
7 Claims. (Cl. 83—13)



1. In a disintegrator of the character described, a conical disintegrator-bowl having downwardly converging sides and a flat bottom provided with

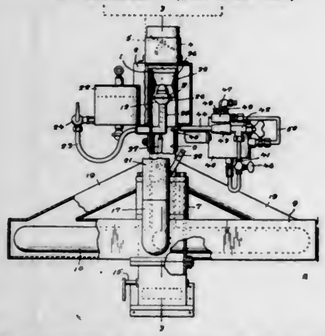
outlets for the disintegrated matter; disintegrating teeth positioned inwardly on the bowl, the length of said teeth along their converging axes being gradually reduced from the top to the bottom of said bowl; a disintegrator-cone having upwardly converging sides and rotatably mounted in said bowl; means to rotate said cone; disintegrating teeth positioned on said cone, the lowermost teeth having sides converging downwardly toward said bottom to force said matter through said outlets during the rotation of the cone in either direction.

2,133,757

CARBURETOR

Floyd E. Smith, Hapeville, Ga.

Application May 27, 1937, Serial No. 145,107
2 Claims. (Cl. 261—18)



1. A carburetor comprising a vertically arranged mixing chamber open at its upper end to the atmosphere, means connecting the lower end of said chamber to an intake manifold of an engine, a nozzle located in the chamber with the discharge end thereof disposed uppermost, an exhaust stove surrounding the major portion of the mixing chamber and substantially the entire portion of the intake manifold, with said means arranged exteriorly of the stove and including an intake passage and an exhaust passage and a low grade float control fuel supply means engaging and supported by the stove and connected to said nozzle, and a high grade fuel nozzle connecting with the mixing chamber below the first nozzle and within the mixing chamber non-covered by said stove, a high grade fuel and air supply means connected to said second nozzle, and a manually actuated slidable Venturi element in said mixing chamber and movable relative to the first nozzle and in engagement with the latter when high grade fuel is desired from the second nozzle.

2,133,758

NONREFILLABLE BOTTLE CLOSURE

Thomas J. Taheny, Pawtucket, R. I.

Application February 15, 1937, Serial No. 125,922
1 Claim. (Cl. 215—22)



A non-refillable closure for containers, and comprising an inverted cup-shaped body having an outlet in the top thereof, detachable means for closing the outlet, means for permanently clamping the body to the container, disk shaped slidably mounted valve means in said body for controlling the passage of fluid therethrough and being reduced annularly about its outer edge on its lower side, the reduced portion having arcuate slots therein and providing fluid passages, a ring member threaded to the wall of the body for disposal against the upper end of the container and providing a seat for the valve means to receive the lower side of the latter, a weight engageable with the valve means for holding the same normally seated, spaced pegs depending from the valve means in annular formation and arranged in the opening of the ring member for loose fitting engagement with the wall thereof to guide the valve means, substantially truncated conical chamber means for the weight and overlying the same to prevent access to the valve means, an annular flange included in the chamber means and surrounding the chambered portion thereof, and said flange being threaded to the wall of the body and having arcuate slots therein providing fluid passages.

2,133,759

COMPOSITIONS FOR AND PROCESS OF MAKING SUSPENSIONS

James G. Vail, Media, and Chester Leon Baker, Penn Wynne, Pa., assignors to Philadelphia Quartz Company, Philadelphia, Pa., a corporation of Pennsylvania

No Drawing. Application January 30, 1936, Serial No. 61,632
20 Claims. (Cl. 255—1)

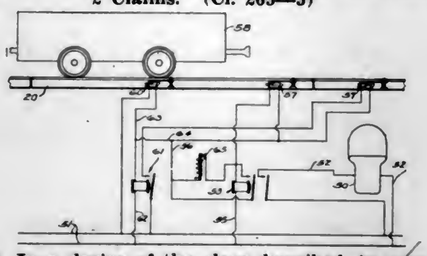
1. In the manufacture of suspensions suitable for use in making water paints, adhesives, oil well drilling fluids and the like, the process which comprises dry mixing a finely-divided, dispersible clay with a slowly-soluble, solid alkali metal silicate having a percentage ratio of SiO_2 to alkali metal oxide ranging between about 1.5:1 to 4:1, in amount sufficient to normally produce a flocculating action upon said clay when completely dissolved in water; the said silicate having a rate of solution below that of solid sodium metasilicate and of solid sodium sesquisilicate; and mixing the resulting dry mix with water under conditions producing peptization of said clay prior to complete solution of said silicate, thereby forming a substantially stable suspension of said clay.

2,133,760

RECORDING TRACK SCALE

Lawrence S. Williams, Toledo, Ohio, assignor to Toledo Scale Manufacturing Company, Toledo, Ohio, a corporation of New Jersey

Application September 17, 1934, Serial No. 744,316
2 Claims. (Cl. 265—5)



1. In a device of the class described, in combination, a track having parallel rails, a support for a section of said track, said support being yieldable under the weight of a load on said track,

a means adjacent one of the rails of the track adapted to be actuated by a normal car wheel running on said rail, a second means adjacent the other rail of the track adapted to be alternatively or substantially simultaneously actuated by a normal car wheel running on said other rail, and recording means movable into recording position by yielding movement of said track support under load and operated by a single actuation of either the first or second means but requiring resetting to initial condition before it can be again operated by a subsequent actuation of either the first said means or the said second means.

2,133,761

METHOD OF MAKING POROUS METAL OBJECTS

Chester Tietig, Covington, Ky.

No Drawing. Application August 30, 1937, Serial No. 161,589
8 Claims. (Cl. 75—22)

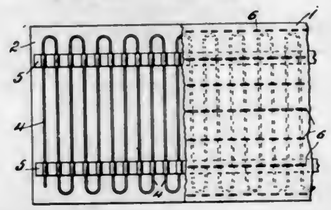
1. The process of making porous metal objects which comprises mixing finely divided dissimilar metal powders with an easily reducible metal oxide, then forming the object under high pressure and then reducing with a reducing gas substantially the entire amount of the oxide to create voids while preserving the general shape of the object and substantially avoiding alloying.

2,133,762

UPHOLSTERY

Harold E. Williams, Carthage, Mo.

Application June 17, 1935, Serial No. 26,935
1 Claim. (Cl. 5—354)



In a spring covering pad, three layers, each layer having substantially even thickness throughout, comprising a fabric sheet, a sheet of padding, and a sheetlike spring strip formed of sinuously bent wire between said sheets, and rows of stitching extending through the three layers transversely across and between the folds of said spring strip at intervals between the folds, whereby the folds are held from spreading apart throughout their lengths and the three layers are united together to form an integral structure of even thickness throughout and adapted for insertion or replacement as a unit.

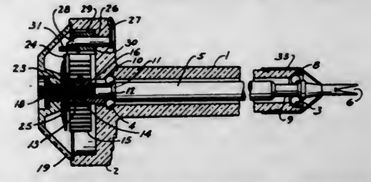
2,133,763

FORCE MEASURING INSTRUMENT

Lawrence S. Williams, Toledo, Ohio, assignor to Toledo Scale Manufacturing Company, Toledo, Ohio, a corporation of New Jersey

Application August 27, 1937, Serial No. 161,273
3 Claims. (Cl. 265—1)

1. In a device of the class described, in combination, an elongated rotatable shaft, means at one end of said shaft for fastening a line thereto whereby a pull on said line will exert a turning effort on said shaft, an anti-friction bearing adapted for taking only radial load adjacent said end of said shaft, torsionally acting means for yieldably resisting such turning effort, a bearing adapted for taking radial and thrust loads supporting said shaft adjacent such torsionally acting means, means for indicating the amount of



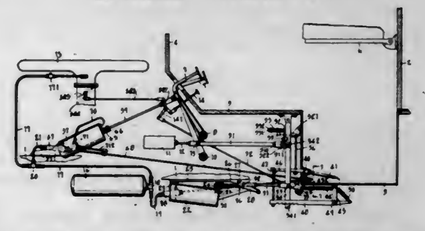
such turning effort, and means for releasably retaining such indicating means for maximum load position, said retaining means including a ratchet disk and means for frictionally connecting said ratchet disk to said indicator.

2,133,764

AUXILIARY BRAKE AND CLUTCH CONTROL MEANS FOR AUTOMOTIVE DELIVERY WAGONS AND TRUCKS

Jesse B. Brown, Detroit, Mich., assignor, by mesne assignments, to Velvet Power Brake Company, Detroit, Mich., a corporation of Michigan

Application February 12, 1931, Serial No. 515,177
15 Claims. (Cl. 192—.01)



1. In an auxiliary brake and clutch control means for automotive delivery vehicles, the combination with the engine, the clutch, brake and accelerator means and pedals, of an auxiliary vacuum brake cylinder having piston connections and lever control means and having an engine valve and connections to a vacuum means, actuating levers cooperating with said piston connections in said cylinder, an intermediate brake lever, a pitman connection therefrom having a slotted yoke guided on a cross pin on said intermediate lever, a yielding means carried by said lever, an auxiliary actuating pedal, a rockshaft therefor, an arm connected to said yielding means, an actuating rock plate having connections for controlling the valve to said engine, a spring means for actuating the said shaft to return it to initial position and actuate the said rocker plate, a pivoted ratchet rack bar cooperating with a ratchet tooth on said auxiliary lever for locking the same, lost motion connections to the said lever to permit the yielding operating means to operate the pedal rockshaft to partially actuate the valve means and check the action of the brake cylinder, an auxiliary cylinder having a piston connection to the clutch pedal lever, an engine valve therefor having actuating rod connections to the said rocker plate on the auxiliary pedal shaft for operating the same, means for confining air in the head of said cylinder to form an air cushion, a relief passage leading therefrom controlled by a check valve, an auxiliary connection to the engine valve control rod for tripping the said valve to release

the cushion to permit the clutch to engage, a connecting means to the accelerator comprising a push rod, and an adjustable collar thereon for adjusting the contact to control the accelerator and increase its action after the release of the brakes and the seating of the clutch.

2,133,765
PROCESS FOR PURIFYING NAPHTHENIC ACIDS

Frederick J. Ewing, Pasadena, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California

No Drawing. Application November 6, 1933, Serial No. 696,914
12 Claims. (Cl. 260—514)

1. In a process for purifying naphthenic acids containing admixed carbonaceous materials, the steps of contacting said acids with sulphuric acid having a concentration between 45 and 85% and separating the naphthenic acids from the acid sludge and the carbonaceous materials which have been agglomerated by the aforesaid sulphuric acid.

4. In a process for purifying naphthenic acids contaminated with carbonaceous materials, the steps of contacting said acids with an oxygen-containing, inorganic acid of such strength that it is adapted to agglomerate the aforesaid carbonaceous materials, adding a "coking" agent to said mixture of naphthenic and oxygen-containing, inorganic acid and separating the naphthenic acids from the agglomerated carbonaceous materials, acid residue and coking agent.

2,133,766
PURIFICATION OF NAPHTHENIC ACIDS

Frederick J. Ewing, Pasadena, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California

No Drawing. Original application March 12, 1934, Serial No. 715,181. Divided and this application February 28, 1936, Serial No. 66,221
11 Claims. (Cl. 260—514)

1. A method of purifying naphthenic acids which comprises treating said acids at an elevated temperature ranging from approximately 100° to 200° F. with sulfuric acid of a strength capable of agglomerating carbonaceous impurities.

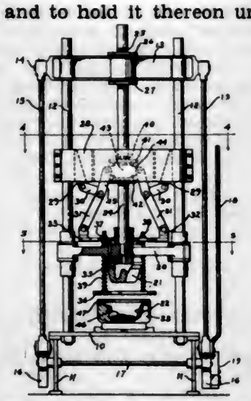
6. The process of purifying crude naphthenic acids which comprises diluting the acids with a water-immiscible solvent which has a distillation boiling point range different from that of the crude acid, treating the diluted crude acids with a strong sulfuric acid and recovering the treated naphthenic acids dissolved in the water-immiscible solvent.

2,133,767
GLASSWORKING PRESS

Levi F. Goodrich, Corning, N. Y., assignor to Corning Glass Works, Corning, N. Y., a corporation of New York

Application March 16, 1936, Serial No. 69,201
7 Claims. (Cl. 49—35)

1. In a glass working press, a mold, a mold ring, a plunger, means to advance the plunger into the mold, a pressure ring surrounding the plunger and movable upon its advance, yieldable elements for cooperation with said pressure ring, and mechanism actuated by said means to advance the pressure ring into contact with the mold ring and to hold it thereon under tension

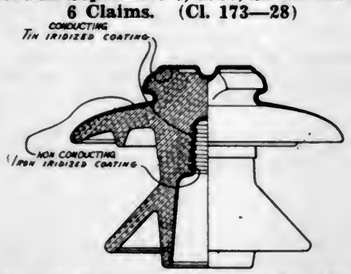


of said yieldable elements independently of said first means.

2,133,768
INSULATOR

John C. Hostetter, West Hartford, Conn., and Jesse T. Littleton, Corning, N. Y., assignors to Corning Glass Works, Corning, N. Y., a corporation of New York

Application September 7, 1937, Serial No. 162,774
6 Claims. (Cl. 173—28)

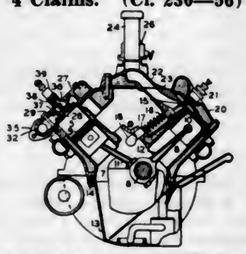


1. An insulator provided with an electrically conducting iridized zone and a non-conducting iridized coating on the conducting iridized zone.

2,133,769
ENGINE COMPRESSOR UNIT

Ernest C. Jones, Kansas City, Mo.

Application September 27, 1937, Serial No. 165,935
4 Claims. (Cl. 230—56)

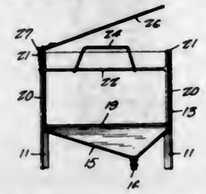


1. In an engine pump unit, the combination of a block having two groups of cylinders arranged therein to form a V shape, a crank shaft, connecting rods, pistons connected to said crank shaft by said rods, said pistons reciprocable in said cylinders, a normal internal combustion cylinder head attached to all of one group of cylinders on one side of the V shaped block, a compressor cylinder head attached to the opposite group of cylinders to render all of them compressor cylinders, and valves mounted in said compressor cylinder head.

2,133,770
DRAIN CABINET

Daniel R. McGlohon, Winton, N. C.

Application September 15, 1937, Serial No. 164,076
1 Claim. (Cl. 221—69)

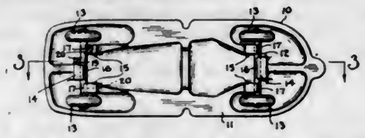


A cabinet of the character described comprising a stand, a drain compartment arranged in said stand and having a hopper shaped bottom, a valve arranged below said compartment within said stand, a reticulated rack removably suspended within the compartment, upstanding hooks arranged on said rack and separably engageable with the walls of said compartment for the suspension of the rack therein, and a cover carried by the stand for closing the compartment at its top and holding the hooks on the rack engaged with the walls of said compartment.

2,133,771
COMPOSITE ARTICLE

John T. McLane, McKeesport, Pa., assignor to The Sun Rubber Company, Barberton, Ohio, a corporation of Ohio

Application November 6, 1937, Serial No. 173,165
4 Claims. (Cl. 46—221)



3. A toy vehicle comprising a body, wheel and axle supporting-blocks on said body including a central block and at least two adjacent blocks in opposed staggered relation thereto, said blocks being adapted to be flexed to permit ready insertion of said axle therebetween, and a wheel and axle assembly received between said blocks.

2,133,772
COMBINED SHEARING DEVICE AND CLOSURE FOR LIQUID DISPENSERS

Ralph H. Pershall, Bremerton, Wash., assignor to Sanicut Mfg. Co., Port Orchard, Wash., a corporation of Washington

Application May 9, 1938, Serial No. 206,733
4 Claims. (Cl. 215—100)

4. In a combined closure and drip shearing device adapted for dispensing viscous liquids, a guideway therein, a spout provided with a stationary shearing member aligned with the guideway, a resilient shearing member slidably mounted in the guideway, one of said shearing members being inclined with respect to the other, means for rapidly propelling the slidable shearing member through the guideway and over the stationary shearing member with its forward

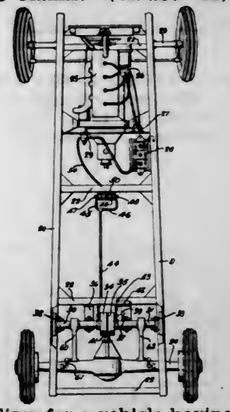


resilient end riding over the stationary shearing member to shear the dispensing liquid.

2,133,773
STABILIZER

Edwin F. Rossman, William A. Chryst, and Ralph I. Bates, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application July 28, 1934, Serial No. 737,378
5 Claims. (Cl. 267—11)



1. A stabilizer for a vehicle having a frame including side members resiliently supported upon the axles of the vehicle; two relatively rotatable shafts; means for supporting said shafts in alinement between the frame side members each shaft being rotatably anchored to a respective side member; an arm connecting each shaft to a common vehicle axle so that upward or downward movement of one end of said axle relatively to the other will cause relative rotation between said shafts; an electromagnetic clutch comprising two members, one normally free of the other, each member being anchored to a respective shaft; a source of electrical energy; and a switch adapted to connect said electromagnetic clutch members to the source of energy and cause them to become energized and held together by magnetic attraction in response to the inclination of the frame transversely out of its normal horizontal plane.

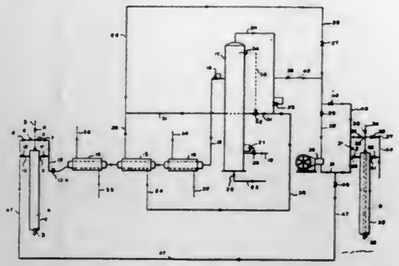
2,133,774
HIGH PRESSURE GAS PROCESS

William H. Vaughan, Rodessa, La., assignor to Tide Water Associated Oil Company, Tulsa, Okla., a corporation of Delaware, and Seaboard Oil Company of Delaware, Dallas, Tex., a corporation of Delaware

Application August 20, 1937, Serial No. 160,192
14 Claims. (Cl. 62—175.5)

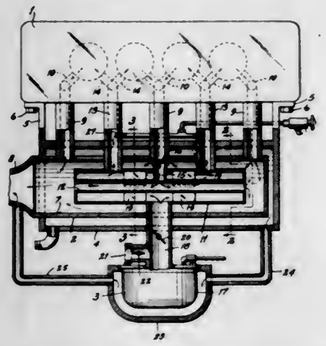
1. The method of recovering desirable liquefi-

able constituents from natural gas which is initially at a high pressure within the retrograde condensation range of said constituents which comprises, cooling said gas sufficiently to condense said constituents while reducing said high



pressure substantially only within the retrograde condensation range of said constituents at the reduced temperature, and separating the resulting condensed constituents from uncondensed gas.

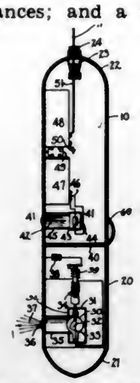
2,133,775
INTERNAL COMBUSTION ENGINE
Albert C. Wiesmeier, Kimmswick, Mo.
Application August 22, 1936, Serial No. 97,330
8 Claims. (Cl. 123—122)



1. A manifold for an internal combustion engine comprising an exhaust header having means for receiving exhaust gases from said engine, and an intake header mounted within said exhaust header and having a passageway therethru for permitting a portion of the exhaust gases to pass therethru and baffles extending from the passageway to the walls of the intake header.

2,133,776
SUBSURFACE PROSPECTING DEVICE
John C. Bender, Houston, Tex., assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif., a corporation of Delaware
Application February 18, 1936, Serial No. 64,484
13 Claims. (Cl. 250—34)

1. An apparatus for locating substances confronting a well bore by their property of emitting secondary radiations upon being exposed to a source of primary radiations, comprising: a source of primary radiations adapted to be lowered into a well bore to impress its radiations upon said substances; and a detector of sec-



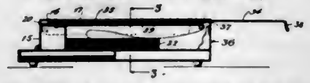
ondary radiations adapted subsequently to pass said substances.

2,133,777
RATCHET CLUTCH MECHANISM
Harvey N. Bliss, Windsor, and Edward Wild, Hartford, Conn., assignors to Veeder-Root Incorporated, Hartford, Conn., a corporation of Connecticut
Application March 4, 1937, Serial No. 128,886
5 Claims. (Cl. 192—46)



1. In combination, a driven member, a ratchet wheel secured thereto and having peripheral, equally spaced apart, laterally extending teeth with notches therebetween, a driving member rotatable relative to said driven member and having an aperture, a pawl pivoted between its ends on said driving member eccentrically with respect to the axis of the unit and having one end adapted to engage with said teeth, and a coiled spring anchored at one end to said driving member and connected at its other end to the other end of said pawl for urging the driving end of the pawl into engagement with said teeth, said pawl having a projection extending laterally therefrom and projecting into said aperture for limiting the extent of movement of said pawl under the influence of said spring.

2,133,778
REGISTER
Carl W. Brenn, Montclair, N. J., assignor to Autographic Register Company, Hoboken, N. J., a corporation of New Jersey
Application March 23, 1935, Serial No. 12,619
5 Claims. (Cl. 281—6)



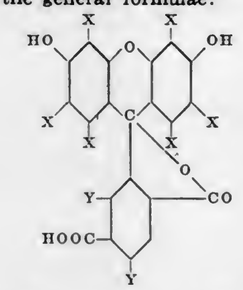
1. A register of the kind described having a casing including a platen near its top for supporting writing strips in position to be issued; said casing including a top plate placed above said platen and having a writing opening for exposing the platen-supported writing strips; said top plate being close enough to the strips when thus supported to allow writing to be conveniently made on the strips through said opening; and means on the casing between the top plate and the writing strips for closing the writing opening to prevent the writing strips located thereon from becoming wet or soiled, said means including a cover element movable in one direction to open the writing opening and movable in the opposite direction to close the writing opening, and guiding means for said cover element so located that the cover element is always held sufficiently elevated above the writing strips on the platen to avoid injury to said strips despite the closeness as aforesaid of the top plate to the strips.

2,133,779
PRESERVING RUBBER
Albert M. Clifford, Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application May 5, 1936, Serial No. 78,007
13 Claims. (Cl. 18—50)

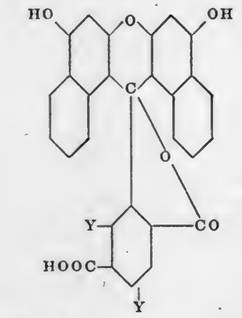
1. The method of treating rubber which comprises incorporating therein an age-resister having the formula $R_1—O—R—NH_2$, in which R is alkylene and R_1 is aryl.

2,133,780
CHROMABLE DYESTUFFS OF THE TRIARYLMETHANE SERIES AND PROCESS OF PREPARING THEM
Wilhelm Eckert and Karl Schilling, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application March 19, 1937, Serial No. 131,936. In Germany March 27, 1936
12 Claims. (Cl. 260—335)

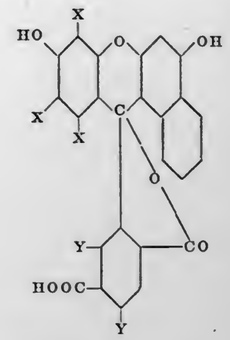
1. A member of the group consisting of compounds of the general formulae:



and

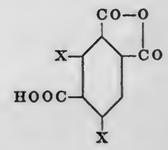


and



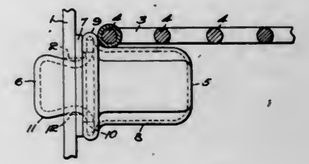
wherein X represents a member of the group consisting of hydrogen, hydroxy, halogen, carboxy and sulfonic acid and one Y represents hydroxy and the other Y hydrogen, and the chromium complex compounds of these compounds.

7. The process which comprises causing one mol of a hydroxy-trimellitic anhydride of the formula:



wherein one X represents hydroxy and the other X hydrogen, to react with two mols of a cyclic m-dihydroxy compound which contains a reactive hydrogen atom, by melting the reagents at a temperature of between about 150° C. and about 200° C.

2,133,781
SHELF SUPPORT
Gustav Johnson, West Roxbury, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts
Application December 14, 1935, Serial No. 54,490
4 Claims. (Cl. 248—239)



3. A shelf support comprising a tubular supporting member having a flanged base and an attaching member assembled with said base, said attaching member providing a noncircular stud adapted to snap into a noncircular cooperating aperture of a supporting structure for temporarily attaching said shelf support to said supporting structure, said supporting member having a noncircular cross-sectional shape for co-engagement with a tool means whereby said stud may be turned into nonregistering relation to said noncircular aperture for more securely attaching said shelf support to said supporting structure.

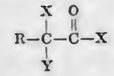
2,133,782

VULCANIZATION OF RUBBER

Joy G. Lichty, Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 30, 1936, Serial No. 88,210
20 Claims. (Cl. 18—53)

10. The process of treating rubber which comprises vulcanizing it in the presence of an accelerator which is a reaction product of a mixture consisting of an anhydrous mercaptobenzothiazole and a compound having the formula



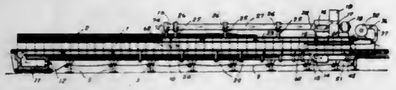
in which X is halogen, Y is selected from the group consisting of halogens and hydrogen and R is selected from the group consisting of alkyl, aralkyl, and aryl groups, and hydrogen.

2,133,783

METHOD OF AND APPAPATUS FOR ANNEALING GLASSWARE

Donald G. Merrill, West Hartford, Conn., assignor to Hartford Empire Company, Hartford, Conn., a corporation of Delaware

Application December 14, 1935, Serial No. 54,448
21 Claims. (Cl. 49—47)



1. The method of annealing glassware, which comprises the steps of passing the ware to be annealed through a tunnel lehr, and accelerating the cooling of the ware during its passage through a zone adjacent to the exit end of the tunnel by circulating a gaseous cooling medium in said zone in a path passing repeatedly through the path of the ware and in such manner that the current thus circulated will have a relatively high effective velocity transversely of the path of the ware and a relatively low effective velocity in the direction opposite the direction of movement of the ware through the tunnel to establish a relatively high heat transfer from the ware to the circulated gaseous medium.

2,133,784

METHOD OF AND APPARATUS FOR ANNEALING GLASSWARE

Donald G. Merrill, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a corporation of Delaware

Application September 22, 1936, Serial No. 101,926
23 Claims. (Cl. 49—47)



11. Apparatus for annealing glassware, comprising an elongate tunnel, means for conveying glassware therethrough, muffle means for passing relatively highly heated gases longitudinally of the tunnel and in heat-transferring relation with the ware passing therethrough, heat-interchanging means including air passages within the gas passages of the last-named means for preheating air, and means for directing the air thus preheated into the tunnel to envelope the glassware passing therethrough.

2,133,785

DETACHABLE CAP

Howard J. Murphy, Greenwood, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts

Application November 8, 1935, Serial No. 48,845
4 Claims. (Cl. 40—20)



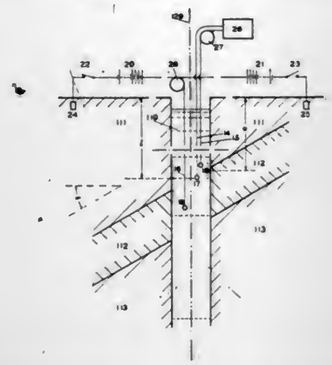
1. In combination with a button or the like, a cap for attachment thereto, said cap adapted to enclose the top and sides of said button and comprising a plate portion having a continuous side wall extending therefrom, portions of said side wall being spaced from said button, and said side wall having detents formed therein and located adjacent to the free edge thereof in positions to engage said button when said cap is moved into contact therewith whereby said side wall is expanded in portions and contracted in other portions to permit said cap to be attached to said button by a snap fastener action.

2,133,786

METHOD OF AND APPARATUS FOR DETERMINING THE DIP OF THE EARTH'S SUBSTRATA

Jacob Neufeld, Tulsa, Okla., assignor to Engineering Laboratories, Inc., Tulsa, Okla., a corporation of Oklahoma

Application May 7, 1937, Serial No. 141,362
6 Claims. (Cl. 175—182)



4. The method of electrically investigating inclination and dip of various formations traversed by a bore hole containing an electrically conductive liquid, which comprises producing a current flow between an electrode suspended inside the bore hole and an electrode ground at an appropriate distance from the bore hole, and determining the distribution of the electrical potential inside the bore hole for various positions of the grounded electrode.

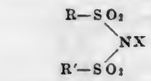
2,133,787

DI(AMINOARYLSULPHON)AMIDES AND A METHOD OF MAKING THE SAME

Elmore Hathaway Northey, Bound Brook, N. J., assignor to The Calco Chemical Company, Inc., Bound Brook, N. J., a corporation of Delaware

No Drawing. Application January 11, 1938, Serial No. 184,415
13 Claims. (Cl. 260—449)

1. Disulphonamides having the following formula:



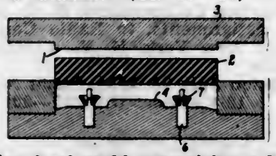
in which R is an aminoaryl radical, R' is a mononuclear aryl radical and X is a member of the group consisting of hydrogen, a metal, an alkyl radical and an aryl radical.

2,133,788

RUBBER HEEL

Laurence M. Oakley, Trenton, N. J., assignor to Essex Rubber Company, Trenton, N. J., a corporation of New Jersey

Application July 22, 1937, Serial No. 155,012
5 Claims. (Cl. 18—42)



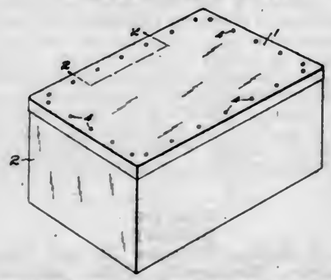
5. A rubber heel mold comprising a base plate and a cover plate, said plates being spaced to provide a heel cavity therebetween, a washer pin having a base portion supported in said base plate, and means extending outwardly and upwardly from said pin for engaging the under surface of an inverted conical washer to support said washer against tilting on said pin, said means being joined to said pin immediately adjacent the point where said pin enters said base plate.

2,133,789

METAL CONTAINER FOR RADIO SETS

Esson J. Pool, Chicago, Ill., assignor to Cinch Manufacturing Corporation, Chicago, Ill., a corporation of Illinois

Application March 30, 1935, Serial No. 13,915
1 Claim. (Cl. 220—55)



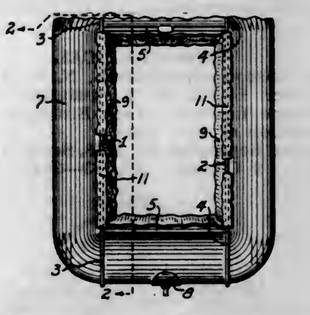
In combination, a metal automobile radio box having a body portion with upstanding side walls, a cover portion for said box adapted to receive an ornamenting surface, fastening means for securing the cover to the box comprising strips of untempered steel of substantial length relative to the length of the respective side walls, spot welded to the inner surface of one of said portions with no part thereof extending beyond the outer surface of such portion to present projections which would impair said ornamenting surface, each of said fastening means being provided with a series of independently acting fingers bearing against the other portion of said box under spring tension to hold it in tight electrical contact with a cooperating box portion whereby the portions of the box cooperate to shield a radio set contained therein, and said fingers being formed with an offset rib pressed therein adjacent to the point of attachment of the fastening means to the box portion to stiffen said fingers to increase the bearing tension of the fingers against the cooperating box portions.

2,133,790

INFANT'S FLOATING DEVICE

William B. Scholfield, Detroit, Mich., assignor of one-third to Gottfried A. Brinkmann, Detroit, Mich.

Application June 16, 1937, Serial No. 148,466
2 Claims. (Cl. 9—11)



1. In a floating device, a frame having side and end bars and depending loops connecting ends of the side bars with ends of the end bars, end portions of said side bars extending across end portions of the end bars and spaced upwardly therefrom to provide spaces between the side and end bars constituting entrance passages for the loops, a flexible endless float passing through said loops and adapted to be fitted into the loops through the entrance passages and extending about said frame, and a flexible body supporting member within said frame suspended from opposed bars of the frame, portions of said supporting member extending across the entrance passages of the loops and serving as means for retaining the float within the loops.

2,133,791

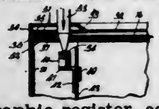
METHOD OF PRESERVING RUBBER

Winfield Scott, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 23, 1936, Serial No. 86,892
15 Claims. (Cl. 18—50)

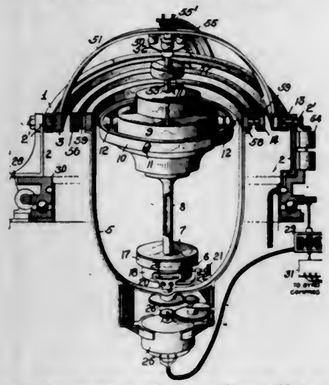
1. A method of preserving rubber which comprises treating the same with a product obtainable by first reacting an aryl amine with a ketone under substantially neutral conditions, next heating this reaction product in an acid medium to convert the same and then treating the conversion product with at least a molecular equivalent of additional ketone at a temperature between about 150° and 300° C.

2,133,792
AUTOGRAPHIC REGISTER
Harry J. Waechter, Mount Healthy, Ohio, assignor to Paul Benninghofen and Fritz G. Diesbach, trustees, Hamilton, Ohio
Application June 21, 1937, Serial No. 149,368
6 Claims. (Cl. 282—12)



1. An autographic register, comprising, a platen over which a strip of paper containing printed sales slips forms and spaced apertures may be drawn, said platen including a slot, a spring urged depressible pin mounted beneath the platen and engageable through the slot and each successively registering openings in the strip for stopping the forward feed of the strip at a predetermined point, said pin constructed and arranged so as to move in a vertical direction only, and an actuating instrumentality engageable with the top of the pin adapted to traverse the aperture and thereafter move the paper forward by forward movement of the instrumentality.

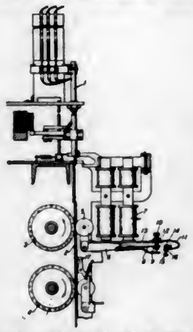
2,133,793
GYROVERTICAL
William Anscott, Woodhaven, N. Y., and Leslie F. Carter, Leonia, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York
Application September 12, 1936, Serial No. 100,423
9 Claims. (Cl. 33—204)



5. In a gyro-vertical, a universally mounted, substantially neutral gyroscope, a coaxial pendulous device universally mounted independently of said gyroscope, and a two part controller responsive to relative inclination of said gyroscope and device for erecting the gyroscope, one of said parts being on said device and the other on the gyroscope, one part having air jets differentially intercepted by the other part, and means to continuously rotate one of said two parts.

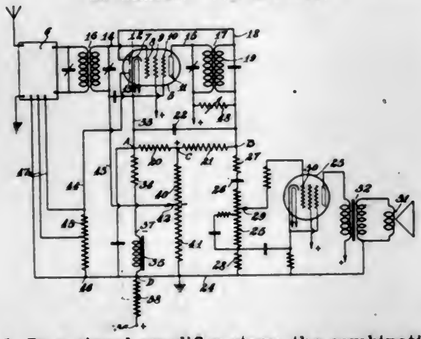
2,133,794
CLUTCH MECHANISM
Charles C. Barber, Rockville Centre, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application April 29, 1937, Serial No. 139,694
10 Claims. (Cl. 179—27.53)

1. In a clutch mechanism for a panel drive selector in which the selector shaft is adapted to be engaged with a continuously revolving cork roll by said clutch mechanism, the combination with an armature and a roller clutch, of a first spring adapted to provide sufficient tension of said roller clutch when pressing the selector shaft



against said cork roll and of a second spring attached to said armature to supplement the tension on said first spring to insure a quick release of the selector shaft from said cork roll when said clutch mechanism is released.

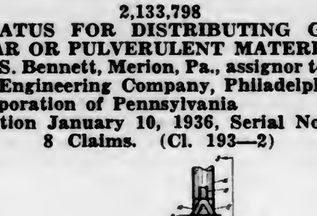
2,133,795
INTERMEDIATE FREQUENCY AMPLIFIER
Loy E. Barton, Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application July 28, 1934, Serial No. 737,357
12 Claims. (Cl. 250—20)



1. In a signal amplifier stage, the combination with an electric discharge amplifier device having a cathode, a diode anode associated therewith to provide a rectifier, and a control grid, of a conductive coupling impedance circuit network interconnecting said anode, cathode and control grid to supply to said control grid a portion of the rectified signal as a biasing potential from said rectifier, means for applying an initial negative biasing potential to said control grid through a portion of said network, and means connected in circuit with said anode for preventing the application of said negative potential thereto.

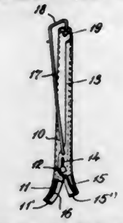
2,133,796
BARREL
Stewart S. Battles, Chicago, Ill., and Harold L. Ahrbecker, Cincinnati, Ohio, assignors to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application February 18, 1935, Serial No. 6,968
1 Claim. (Cl. 220—14)

A pitch-lined metal barrel having a bung hole for receiving a beer rod, a continuous wall within said barrel having a depression formed therein, said depression being disposed opposite said bung hole, a stainless steel plate, said beer rod being adapted to reach to said depression where perfunctory manipulation thereof will cause the



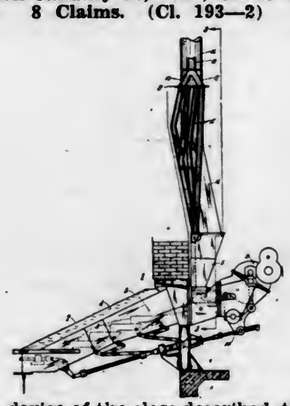
pitch-lining to be scuffed away, said plate being disposed within said depression and being of a thickness to cause the inner surface thereof to be substantially flush with the immediately surrounding inner surface of the barrel.

2,133,797
HAIR CURLER
Blanche Elsie Beadle, Springfield, Mass.
Original application July 7, 1934, Serial No. 734,071. Divided and this application March 4, 1937, Serial No. 128,885
8 Claims. (Cl. 132—41)



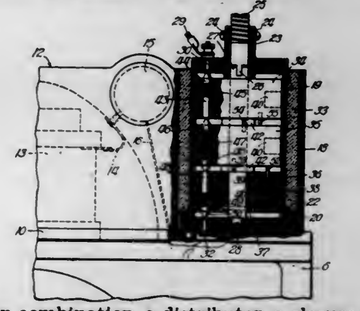
1. A hair curling device which comprises an elongated body, and a locking member connected indirectly to the body at one end adjacent one end of the body and pivotable with respect thereto, said body and member being bodily movable longitudinally of each other to effect a connection and disconnection of their free ends.

2,133,798
APPARATUS FOR DISTRIBUTING GRANULAR OR PULVERULENT MATERIAL
Joseph S. Bennett, Merion, Pa., assignor to American Engineering Company, Philadelphia, Pa., a corporation of Pennsylvania
Application January 10, 1936, Serial No. 58,444
8 Claims. (Cl. 193—2)



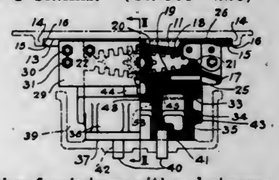
5. In a device of the class described, the combination of a series of material receiving devices, means including an inclined member having downwardly diverging side edges for evenly distributing materials of one kind among all of said receiving devices, means connecting said distributing means with each of said receiving devices, means including a substantially conical member for evenly distributing materials of another kind among all of said receiving devices, and means connecting said last mentioned means with each of said receiving devices.

2,133,799
CIRCUIT CONTROL MEANS
Joseph W. Bickel, Niles Center, Ill.
Application November 29, 1935, Serial No. 52,016
5 Claims. (Cl. 123—146.5)



2. In combination, a distributor, a closure plate therefor having a housing containing a high tension coil, a condenser carried by said housing, a vertically extending socket carried by said plate, circuit controlling mechanism disposed in said socket in spaced relation to the defining surfaces thereof, cementing means securing said mechanism rigidly in said housing, a conductor extending from said condenser to said socket, means for supplying current to said mechanism, and means within said mechanism movable through a predetermined sequence of operation to complete a circuit between said supply means and said conductor.

2,133,800
LOAD TRANSMITTING DEVICE FOR RAILWAY VEHICLES
James G. Blunt, Schenectady, N. Y., assignor to American Locomotive Company, New York, N. Y., a corporation of New York
Application June 15, 1937, Serial No. 148,252
3 Claims. (Cl. 308—226)



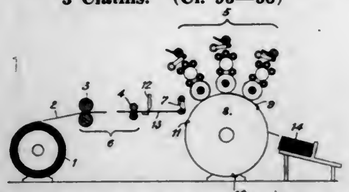
1. A device for interposition between a railway vehicle superstructure portion and a truck portion for transmitting a part of the load of the former to the latter, said superstructure and truck being connected to permit angular movement between said portions, comprising an upper roller seat; a lower roller seat, said seats being in vertical alignment and movable relatively in a direction longitudinally thereof and having inner faces for engagement with a roller, and outer faces, one of said outer faces being adapted for rigid engagement with one of said portions

and the other being flat; means maintaining said vertical alignment; a roller engaging said inner faces and disposed transversely thereof to roll during said relative movement; a bearing having a convex cylindrical face and an oppositely disposed flat face engaging said seat flat face, one of said flat faces being provided with a groove having parallel transverse side walls and the other face having a cylindrical boss; a bearing having a concave cylindrical face engaging said convex cylindrical face and a face opposite thereto adapted for rigid engagement with the other of said portions; and a plate having a cylindrical orifice in which said boss is disposed, said plate being disposed in said groove for sliding transverse movement relative thereto and having side faces engaging said groove side walls to prevent longitudinal movement thereof relative to said groove.

2,133,801

PROCESS FOR SHAPING AND PRINTING CARDBOARD BLANKS FOR THE MANUFACTURE OF BOXES AND MACHINE FOR THE WORKING OF SAID PROCESS

Henri Bobst, Lausanne, Switzerland
Application November 5, 1936, Serial No. 109,266
In Switzerland November 6, 1935
3 Claims. (Cl. 93—58)

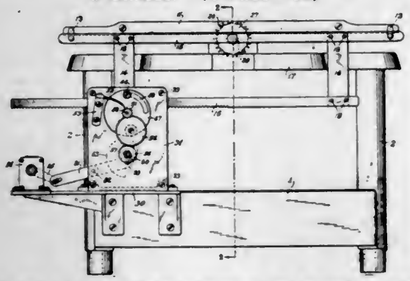


1. Process for shaping and imprinting blanks intended for the manufacture of boxes, consisting in shaping blanks fed from a continuous strip of material, gripping the free end of the shaped strip by its assembly flaps in the direction of the feed line, cutting the blank and feeding same to a printing device and imprinting one face of said blank while the latter is securely held in said gripping relationship.

2,133,802

APPARATUS FOR CALCULATING THE SPACING OF TYPE FOR PRINTED MATTER

James D. Bolongaro, Charlottesville, Va.
Application November 27, 1934, Serial No. 754,971
9 Claims. (Cl. 235—61)



1. In a machine for printing on a surface characters of a predetermined type in lines of a predetermined length, the combination with mechanism for advancing said surface through character space distances during the printing operation of the machine, of means controlled by such mechanism and arranged to move through unit distances as said surface is advanced through the character space distances in the printing operation of the machine, translating mechanism connected to said first named means and operable to translate the unit movements of said first named means during the advancing movements of said mechanism into the number of lines which the matter being printed will occupy in a different medium having predetermined lines of a different type and length than the lines of characters being printed, means operable to modify the action of said translating mechanism to include in such line count the spacings which will appear in the different medium after paragraph endings of such matter, means intermediate said first mentioned mechanism and said translating mechanism for enabling the latter to be actuated by said modifying means while said surface is at rest, and a counting mechanism operatively connected to said translating mechanism and said modifying means and arranged to register the number of lines of the different type.

2,133,803

DRAFT REGULATOR

Merrill K. Brady, Kirkwood, N. J.
Application May 6, 1937, Serial No. 141,124
1 Claim. (Cl. 236—45)



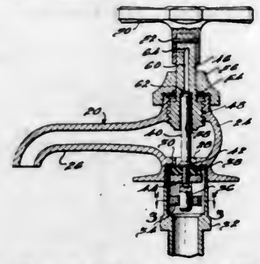
In a draft regulator, the combination with an annular frame, of a substantially plane damper plate pivoted in said frame, above its center of gravity, and thus adapted to normally gravitate to position to close the opening of said frame; of a screw threaded member extending through said plate, intermediate of its width and approximately at the axis of its pivot in said frame, having at one end a radially extending handle outside of said plate and having at its other end a radially extending weight pendent at the inside of said plate; said screw threaded member and its appurtenances having freedom of movement for adjustment in an arc of a circle with respect to said plate; and a nut on said screw threaded member accessible from the outside of said plate; whereby, said weight may be adjusted from horizontal to vertical position to vary its gravitative effect upon said plate from miniumm to maximum and be temporarily rigidly secured in any adjusted position, by said nut; the pivotal support for the damper plate comprising a wire extending horizonally above the center of gravity of said plate into bearings in said frame at its opposite ends, said wire having a bight intermediate of its length partly extending around said screw threaded member; whereby said member prevents longitudinal displacement of said wire.

2,133,804

VACUUM BREAKING VALVE

John A. Brooks, Detroit, Mich.
Application March 4, 1938, Serial No. 193,940
8 Claims. (Cl. 277—12)

1. In a valve structure, in combination, a body having an inlet and an outlet, a valve seat formed between said inlet and outlet, a valve on the inlet side of said valve seat cooperable therewith to control the flow of fluid through said body, means for guiding said valve for movement toward and from said seat, said valve being unrestricted in its movement toward and from said seat in response to fluid pressure acting thereon, manually controllable means supported by said body movable toward and from said valve seat, means slidably associated with said manually controllable means interposed between said manually controllable means and said valve whereby to enable said manually controllable

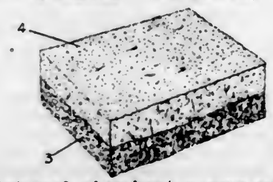


means to be operated to move said valve away from said seat, said manually controllable means being provided with an air vent therein communicating the interior of said valve body with the atmosphere exterior thereto and the second mentioned means cooperating with said manually controllable means to provide a valve for said duct, the last mentioned means and said manually controllable means being so constructed and arranged that movement of said valve away from said seat when said manually controllable means is in valve opening position automatically opens said vent to the passage of air therethrough to the interior of said valve body.

2,133,805

CELLULOSIC STRUCTURE AND METHOD OF MAKING THE SAME

Charles N. Brown, Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application December 18, 1936, Serial No. 116,599
6 Claims. (Cl. 18—48)



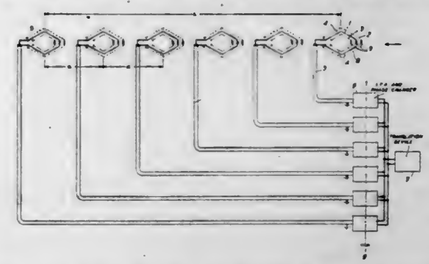
1. An integral, absorbent, porous article of cellulosic material, said article comprising two parts of different average pore sizes united along a single meeting face.

2,133,806

RADIO COMMUNICATION SYSTEM

Edmond Bruce, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 5, 1936, Serial No. 83,683
7 Claims. (Cl. 250—11)

1. A method of radio communication, utilizing a plurality of directive units arranged in an array and associated with a translation device, and means for steering or changing the direction of maximum radiant action for each of said units and means for simultaneously steering the maximum and the adjacent major directions of action for the array, which comprises aligning the maximum direction of action for said array

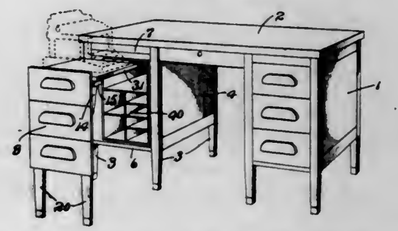


with the path of the strongest incoming wave, aligning a direction of action for each unit with said path and aligning a null direction of action for each unit with said major direction of action for said array.

2,133,807

TYPEWRITER DESK

John H. Bushnell, Grand Rapids, Mich.
Application February 15, 1937, Serial No. 125,752
25 Claims. (Cl. 312—26)



25. In a typewriter desk, a desk pedestal open at its front side, a side member slidably mounted within said desk pedestal to move within and without of the pedestal, a front member permanently secured to the front end of said side member, an extensible track having its front end secured to said front member and the rear end secured to the pedestal and being located in substantially parallel relation to said side members, a table, rollers carried at one side of said table and mounted on said track whereby the table may be moved within or out of said pedestal and turned into horizontal position with one edge portion thereof lying over the upper edge of said side members, said side member at its upper edge having recesses to receive said rollers, and means carried at the rear side of said front member for releasably supporting the table in horizontal position.

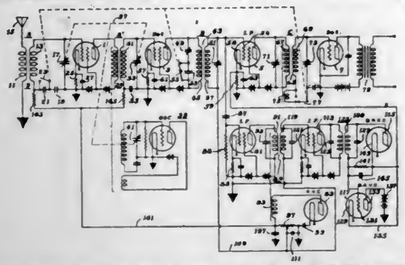
2,133,808

RADIO RECEIVER

Wendell L. Carlson, Haddonfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application September 27, 1933, Serial No. 691,120
16 Claims. (Cl. 250—20)

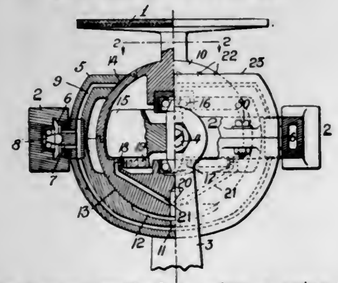
12. A radio receiver comprising means for selecting a signal having a carrier frequency and at least one side band, a filter for selecting said one side band only, and means including a sharp-

ly resonant filter for making said receiver oper-



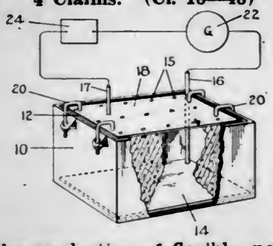
ative only when said one side band falls within the "pass" range of said first filter.

2,133,809
GYROVERTICAL
Leslie F. Carter, Leonia, N. J., and William Anscott, Woodhaven, N. Y., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York
Application December 21, 1935, Serial No. 55,606
21 Claims. (Cl. 33—204)



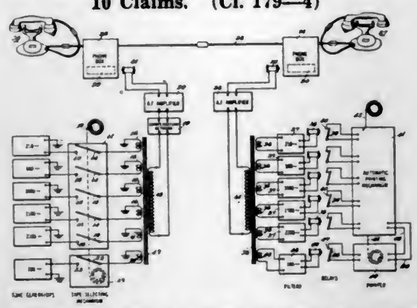
2. In a gyro vertical, a rotor, a rotor bearing casing supporting said rotor, and air borne spherical bearing means for supporting said casing for freedom about all three principal axes.

2,133,810
METHOD FOR THE PRODUCTION OF CELLULOSIC STRUCTURES
Norman A. Craigue, Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application January 9, 1936, Serial No. 58,355
4 Claims. (Cl. 18—48)



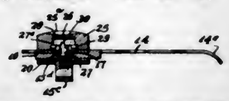
1. In the production of flexible, porous structures free from objectionable internal shrinkage and having a sufficient number of microscopic pores to present a soft hand and to absorb large amounts of water, the steps comprising mixing viscose with a pore-forming salt and passing an electric current through said mixture whereby to coagulate the viscose by heat produced by the resistance of the mass to said electric current, and whereby to prevent excessive ripening of the viscose at the interior of the mixture.

2,133,811
AUTOMATIC PRINTING TELEGRAPHY SYSTEM
William G. H. Finch, New York, N. Y.
Original application June 24, 1936, Serial No. 86,902. Divided and this application August 1, 1936, Serial No. 93,773
10 Claims. (Cl. 179—4)



1. In a signalling system operable by a signal tape and extending over a telephone line having a telephone box including an induction coil at each end: means for generating an audio frequency current individual to each of the predetermined impulse positions of the signal tape, means for selecting combinations of said currents controllable by said impulse positions; and means for transmitting said currents across said telephone line comprising a solenoid connected to said currents for electromagnetically inducing corresponding currents into one of said induction coils.

2,133,812
CLAMP SCREW AND NUT FOR A TUCKING KNIFE
Abraham Gellman, New York, N. Y.
Application February 4, 1937, Serial No. 123,966
3 Claims. (Cl. 85—5)

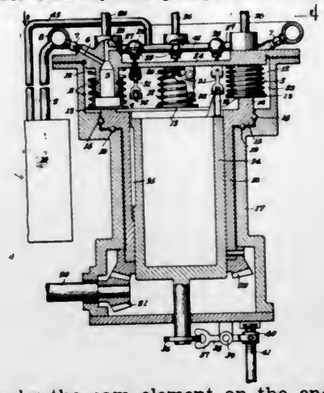


1. In a device of the class described a clamp screw and nut for holding the arms of a tucking knife in adjusted positions, comprising a headed shank portion and a head portion, the head of the shank portion engaging into a recess in said head portion, pins on the head portion engaging against a shoulder formed by the bottom face of the head on said headed shank, said shoulder having cam cutouts formed radially therein and into which said pins may engage for releasing said head portion, and a resilient element interposed between the base of said recess and the head of the shank.

2,133,813
FUEL INJECTION PUMP
George A. Gillen, New York, N. Y.
Application October 23, 1936, Serial No. 107,169
2 Claims. (Cl. 103—41)

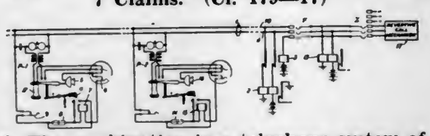
2. In combination, rotating concentric cam sleeves slidingly keyed together and shiftable one

in respect to the other, cam elements on the adjoining ends of said sleeves, fuel injector pumps supported in position to be actuated by the cam element on the end of one of said sleeves, relief valves for said injector pumps supported for ac-



tuation by the cam element on the end of the other of said sleeves, means for effecting rotation of said sleeves and means for effecting relative longitudinal shifting of one sleeve in respect to the other.

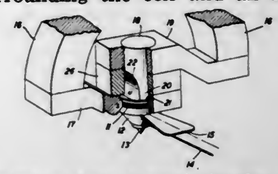
2,133,814
TELEPHONE SYSTEM
Clair W. Halligan, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 22, 1937, Serial No. 181,084
7 Claims. (Cl. 179—17)



1. The combination in a telephone system of a line having a plurality of stations thereon, each station equipped with a normally-open bridge circuit connected across the conductors of said line and including a transmitter and a variable resistance element, a source of potential connected to said line, means at a calling one of said stations for closing the bridge circuit thereat in series with said source, the resistance element at the calling station responding to said potential source to lower the resistance of said bridge and allow energizing current to flow through said transmitter, said low-resistance calling bridge serving as a shunt to prevent any other station from lowering the resistance of its bridge and operatively associating its transmitter with the line, and means controlled by the calling party for removing the shunting effect of h's low-resistance bridge to enable a second station to operatively connect itself to the line and for thereafter reestablishing said low-resistance bridge at the calling station.

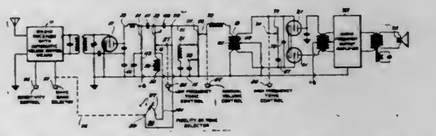
2,133,815
PHONOGRAPH REPRODUCER
Henry C. Harrison, Port Washington, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application September 16, 1936, Serial No. 101,039
2 Claims. (Cl. 179—100.41)

1. In a universal reproducer, a moving system comprising a circular coil, a stylus, and means for holding the coil and stylus in spaced coaxial relation, a magnet system having an outer polepiece surrounding the coil and an inner pole-



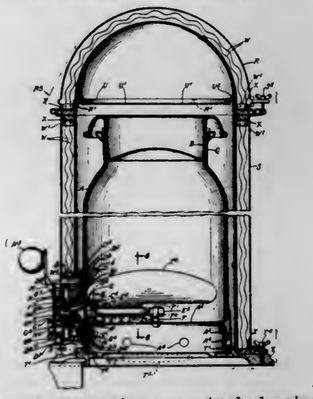
piece shaded to form a semi-circular gap at one side of the coil, and a vertically and torsionally resilient spring supporting the system with one side of the coil within the gap.

2,133,816
TONE CONTROL SYSTEM
Poul F. G. Holst, Audubon, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application December 21, 1934, Serial No. 758,602
7 Claims. (Cl. 250—20)



2. The combination with a radio receiver, of signal wave band selector means, variable low frequency tone control means having a predetermined tone control range of variation for one wave band, and means simultaneously operable with and by said wave band selector means for limiting the effective frequency range of control provided by variation of said tone control means for another wave band.

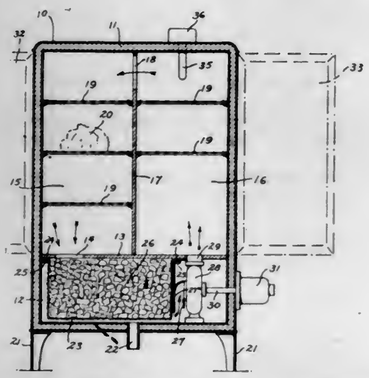
2,133,817
LIQUID DISPENSING APPARATUS
Jesse P. Hubbell, Fanwood, N. J.
Application August 14, 1935, Serial No. 36,143
16 Claims. (Cl. 221—67)



1. A liquid dispensing receptacle having a discharge outlet, a valve controlling said outlet, an agitator within the receptacle and operating means for opening and closing said valve including provisions compelling a plurality of movements of said agitator in moving said valve from

its fully closed to its open position and comprising a part removable for replacement by an analogous part to vary the number of movements of the agitator required in moving said valve from its fully closed to its open position.

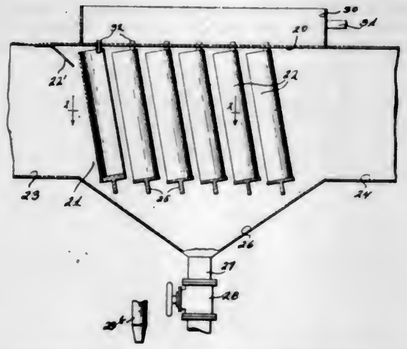
2,133,818
REFRIGERATING APPARATUS
George E. Hulse, New Haven, Conn., assignor of one-half to Robert S. Blair, Stamford, Conn.
Application September 9, 1933, Serial No. 688,792
4 Claims. (Cl. 62—72)



1. In refrigerating apparatus, in combination, a casing provided with a horizontal partition having two openings therein, said partition dividing said casing into an upper and a lower compartment, a partition dividing said upper compartment of the casing with said openings in opposite sides thereof and provided with an opening substantially adjacent the top of said casing, means within said lower compartment comprising a basket-like member adapted to support finely divided ice, means adapted to draw air through said basket member and through said ice and circulate the same within said casing, said means including a partition extending downwardly from said horizontal partition whereby the lower edge of said lower compartment partition is spaced from the bottom of said casing, means mounting said basket member adapted to permit it to slide outwardly beyond the boundaries of said casing and expose its upper side for refilling, and a motor adapted to operate said second-mentioned means, said motor being mounted in such manner with respect to said casing that heat generated by the operations of the motor is not dissipated in the path of said air.

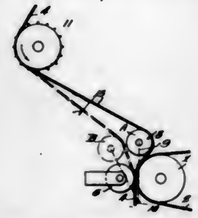
2,133,819
FLUID TREATING APPARATUS
Curtis L. Howse, Detroit, Harry E. Breisford, Birmingham, and Samuel F. Cox and Willis P. Thomas, Highland Park, Mich., assignors to Diamond Power Specialty Corporation, Detroit, Mich., a corporation of Michigan
Application March 30, 1933, Serial No. 663,608
22 Claims. (Cl. 261—112)

1. In an apparatus of the class described, a gas passage, an element in said gas passage in the path of the gas flow therethrough, means for supplying a moistening medium to the entire outer surface of said element, and means for causing



the moistening medium on the rear face of said element to flow to the front face thereof.

2,133,820
NONSLIP FILM PRINTER
Edward W. Kellogg, Moorestown, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application September 30, 1937, Serial No. 166,697
5 Claims. (Cl. 271—2.3)

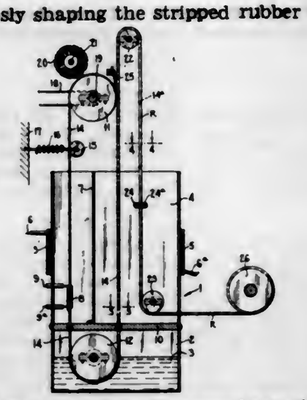


1. Driving apparatus for a belt or strip comprising a driving roller therefor, a member arranged to press the belt or strip against the driving roller, a second driving member for the belt or strip arranged to feed the same into a loop from which it passes to the driving roller, and roller means adapted to vary with variations in the size of the loop the angle of incidence of the belt or strip as it reaches the roller.

2,133,821
METHOD OF AND NEW AND IMPROVED MECHANISM FOR PRODUCING THREAD
George D. Kratz, Scarsdale, N. Y., assignor, by mesne assignments, to Filatex Corporation, New York, N. Y., a corporation of New Jersey
Application October 22, 1934, Serial No. 749,497
6 Claims. (Cl. 18—8)

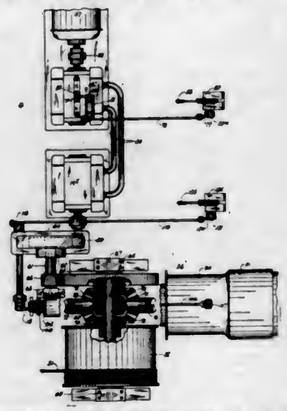
1. A method of producing a rubber thread which comprises moving an endless belt member through a closed path, while causing said belt member to move through a body of rubber dispersion in a portion of said path, heating said belt member so that it collects the rubber dispersion by the adhesion thereof, stripping the collected rubber from said belt member after said collected rubber has become sufficiently coherent, and then additionally heating the stripped rubber so as to vulcanize the same, while

continuously shaping the stripped rubber during



the stripping and prior to the complete vulcanization thereof.

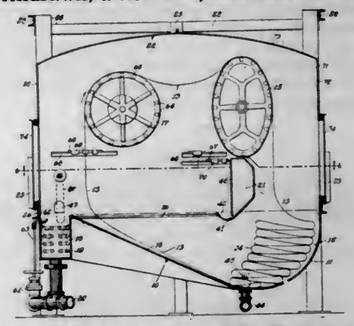
2,133,822
HOISTING MECHANISM
Robert C. Lamond, Philadelphia, Pa., assignor to American Engineering Company, Philadelphia, Pa., a corporation of Pennsylvania
Application November 21, 1935, Serial No. 50,856
23 Claims. (Cl. 254—172)



1. In a device of the class described, the combination with a winch, including a cable winding drum, of an hydraulic transmission for actuating said drum, differential gearing disposed between said drum and transmission, a second hydraulic transmission for operating said winding drum independently of said first mentioned hydraulic transmission, means operatively connecting said second hydraulic transmission to said differential gearing, and means actuated by said last mentioned means for controlling the operation of said second hydraulic transmission.

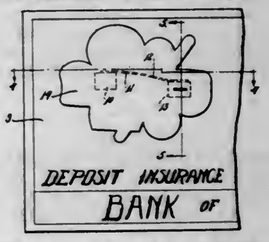
2,133,823
DYE TUB
Thomas D. McClellan, Passaic, N. J.
Application August 14, 1936, Serial No. 95,984
2 Claims. (Cl. 68—15)

1. In a tub containing a dye bath, means to introduce material in a folded or pleated pile, means to withdraw the material from the bottom of said pile in an upwardly inclined path, said tub having a bottom forming a chamber to receive the pile of material and extending therefrom in an upwardly inclined direction conforming generally to the path of withdrawal of the material, means to withdraw portions of the bath from said tub, means to heat the portion thus withdrawn, a flow box, and means to intro-



duce the withdrawn portion of the bath into said flow box, said flow box having a slot through which the dye liquid flows into said tub, said slot varying in size across the tub in accordance with the pressure distribution in said flow box so as maintain a uniform rate of discharge across the entire tub.

2,133,824
DISPLAY SIGN
Robert M. Meisel, Detroit, Mich.
Application October 3, 1935, Serial No. 43,292
2 Claims. (Cl. 40—138)



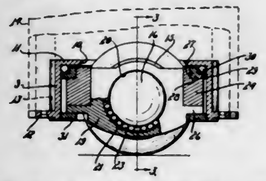
1. A display sign comprising a supporting body having a planal face; a block secured on said face; a display member having a planal face opposed to the planal face of said supporting body and in spaced relation parallel thereto; a block secured on said planal face of the display member and out of registry with the supporting body block; and a leaf spring disposed between said planal faces with its transverse plane perpendicular thereto, one end of said leaf spring being secured to one of said blocks, and the other end of the spring being secured to the other block.

2,133,825
MANUFACTURE OF DIARYL ARYLENE DIAMINES
Ludwig Meuser, Naugatuck, William E. Messer, Cheshire, and Albert J. Laliberte, Naugatuck, Conn., assignors to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application April 18, 1936, Serial No. 75,222
14 Claims. (Cl. 260—576)

1. A process of making a diaryl arylene diamine which comprises autoclavically heating an aminophenol with a primary arylamine per se

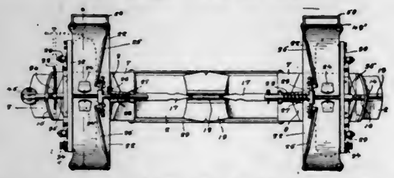
for a time and at a temperature sufficient to form and split off ammonia, the molar ratio of the arylamine to the aminophenol being at least 2:1, a small amount of a catalyst for the reaction being added prior to the ammonia splitting, thereafter at the substantial completion of the deammoniating operation, heating the mix for a time and at a temperature sufficient to form and split off water of condensation, and distilling to free the formed diaryl arylene diamine from any excess unreacted primary arylamine and intermediate products of reaction.

2,133,826
CASTER
Vlada Milich, Detroit, Mich.
Application April 29, 1936, Serial No. 76,910
3 Claims. (Cl. 16—20)



1. A caster of the class described, comprising: a hollow retainer adapted for mounting on a supporting body; an annular traction member; trunnion forming members fixed on and projecting outwardly from opposite sides of said traction member; a pair of separate side plates, each of said side plates having an opening formed therein for the reception of one of said trunnion forming members; an annular member surrounding said plates and secured thereto, said annular member being adapted for reception into said retainer; and means on said retainer for retaining said annular member inserted therein.

2,133,827
WHEEL ALIGNING APPARATUS
Michael Miller, Trenton, N. J.
Application April 15, 1937, Serial No. 137,105
10 Claims. (Cl. 33—203)

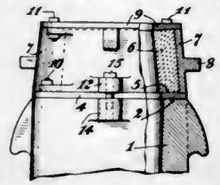


1. A machine of the character set forth comprising a base, an elongated supporting member pivoted on said base intermediate the ends thereof and having a limited pivotal movement relative to said base and provided with scales extending longitudinally thereof, plates slidably mounted on the supporting member and movable endwise of the latter and having scales and pointers with said pointers movable over the first-named scales, turntables mounted on said plates and including pointers movable over the second named scales, ramp plates carried by the turntables to be engaged by wheels of a vehicle, presser plates carried by the ramp plates and engageable with side walls of tires of the wheels, adjustable side plates carried by the ramp plates to engage walls of the tires of the wheels opposite to the presser plates and adapted to be adjusted to incline in a plane corresponding to the camber of the wheels, and indicators connected with and actuated by said adjustable side plates.

2,133,828
METHOD OF BREAKING IN GEARS
Robert C. Moran, Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application September 18, 1936, Serial No. 101,417
5 Claims. (Cl. 87—9)

1. The method of breaking in new gears, such as hypoid gears and the like designed to develop extremely high contact pressures under high rubbing speeds and insufficiently polished for successful lubrication with hypoid gear lubricants of the usual degree of effectiveness, which comprises: operating said new gears in normal extreme pressure intermeshing relation while maintaining between the interengaged relatively moving gear surfaces a film of lubricating oil and simultaneously subjecting said gear surfaces to the combined chemical action of a dixanthyl ethyl ether and a tri aryl phosphite present as minor constituents in the lubricant film, thereby developing upon the gears contact surfaces capable of successful lubrication by hypoid gear lubricants of the usual degree of effectiveness.

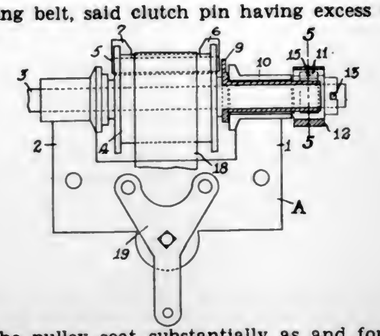
2,133,829
HOT TOP
William B. Ogden, Youngstown, Ohio, assignor to Valley Mould & Iron Corporation, Hubbard, Ohio, a corporation of New York
Application November 20, 1935, Serial No. 50,639
6 Claims. (Cl. 22—147)



1. A hot top for ingot molds comprising a casing, a refractory lining within said casing, and a metallic base plate adapted to contact with the upper end of an ingot mold and capable of expansion and contraction independently of said casing, said base plate having a centrally located opening and with slots extending outwardly from the edge of said opening and comprises spaces to permit expansion of the inner edge of said base plate when the inner edge of said base plate is heated by molten steel while the hot top is in use, said refractory lining contacting with one side of said base plate and ingot mold metal contacting with the opposite side of said base plate.

2,133,830
CLUTCH
Chester M. Palmer, Aurora, Ill.
Application May 24, 1937, Serial No. 144,427
2 Claims. (Cl. 192—67)

1. In a clutch the combination with a frame and a driven shaft mounted on said frame, of a loose pulley on said driven shaft having a slotted seat, a shiftable driving belt on the pulley, a flanged clutch pin in said seat, a clutch jaw on said driven shaft, said clutch pin adapted to be shifted longitudinally into and out of engagement with the clutch jaw by the shifting of the driving belt, said clutch pin having excess play



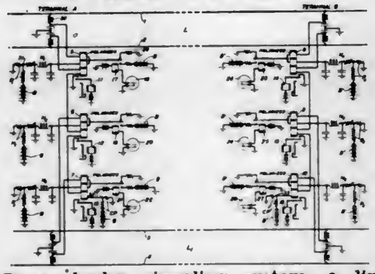
in the pulley seat substantially as and for the purpose set forth.

2,133,831
LUBRICATING DEVICE
William T. Pritchard, Belvidere, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application August 7, 1937, Serial No. 157,872
3 Claims. (Cl. 221—51)



1. In a lubricating device, a container having a plurality of walls, one of said walls having an opening, a diaphragm closing said opening, a rectangularly shaped frame secured to the last-mentioned wall and extending into said container, a bellows having a head-piece at each end, one of said head-pieces being secured to said diaphragm and the other to said frame, a nozzle connecting the last-mentioned head-piece to the outside of said container, and a system of valves, one of said valves being disposed in the last-mentioned head-piece and the other in said nozzle for pumping the lubricating fluid from said container to said nozzle upon the operation of the first-mentioned head-piece by the movement of said diaphragm.

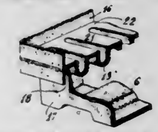
2,133,832
SYSTEM FOR COMPENSATING FOR DIFFERENCES IN POTENTIAL
George A. Pullis, Hoboken, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 12, 1937, Serial No. 147,925
7 Claims. (Cl. 178—59)



1. In a duplex signaling system, a line, a grounded source of direct current and a multi-

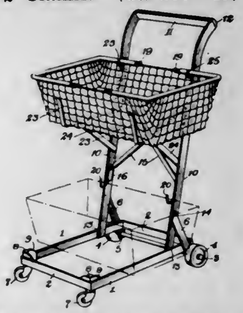
winding polarized relay at each end thereof, a line winding on each relay connected to one side of the line, a biasing winding on each relay energized in a local circuit by a fraction of the potential of the respective current source, a potentiometer in shunt of each source, and means for compensating for differences in the potentials of the two earth points and also the two current sources, said means including a compensating winding on each relay connected between the other side of the line and a point in the respective potentiometer.

2,133,833
METHOD OF MAKING RUBBER ARTICLES
Robert W. Sampson, New York, N. Y., assignor to Sampson Rubber Products Corporation, Detroit, Mich., a corporation of Delaware
Application September 23, 1936, Serial No. 102,065
8 Claims. (Cl. 18—59)



1. The method of making hollow articles from latex rubber consisting in forming of such rubber in one piece a pair of marginally joined similar sections, severing them along the line of juncture of their margins; forming a complementary pair of similarly joined sections and severing them along the line of juncture of their margins, assembling a section from each pair in marginal contact, positively holding such margins against displacement inwardly, joining and consolidating and trimming such margins, curing the rubber, and assembling, and uniting and curing the other two sections in a similar manner.

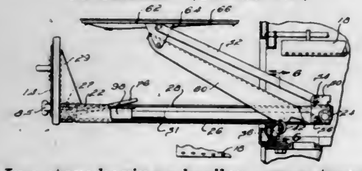
2,133,834
BASKET CARRIER
Murray B. Sheldon, Jersey City, N. J.
Application May 5, 1937, Serial No. 140,827
2 Claims. (Cl. 280—49)



1. A basket carrier comprising an open base frame member, rotary elements beneath said open frame member for supporting said base frame member parallel with the floor, an actuator connected at its lower end to the base frame member at a point adjacent to but in advance of a vertical line cutting the axes of the rear rotary elements and extending upwardly and rearwardly therefrom, a handle bar at the upper end of said actuator, a bracket or support secured to the front of the actuator at a point above the base frame member and projecting thereover, said bracket having upturned guards to engage one

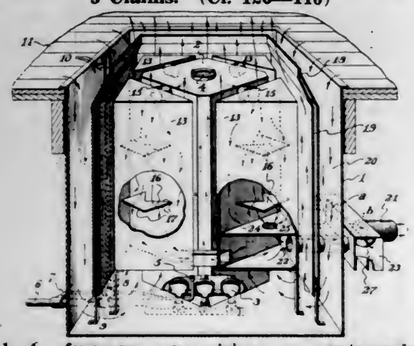
side of a basket supported thereon, and forwardly projecting hooks secured to the actuator above said bracket to engage the rim of the basket supported on said bracket.

2,133,835
STOVE
Alvin G. Sherman and Herbert E. Mills, Detroit, Mich., assignors to Borg-Warner Corporation, a corporation of Illinois
Application April 18, 1935, Serial No. 16,952
13 Claims. (Cl. 126—41)



3. In a stove having a broiler compartment with a source of heat therein, means for supporting a food product below said heat source for the purpose of cooking said food product, a movable carriage mounted for sliding movement in the bottom of said compartment and upon which carriage said food supporting means are mounted, said carriage upon movement thereof being adapted to shift said food supporting means out from under said heat source and out of said broiler compartment, and means operable by the shifting of said food supporting means out of said broiler compartment for vertically moving said food supporting means to an elevation above that at which it is disposed within said broiler compartment.

2,133,836
FURNACE
William Svejkovsky, Oklahoma City, Okla.
Application January 15, 1937, Serial No. 120,815
3 Claims. (Cl. 126—116)



1. A furnace comprising a rectangularly shaped main casing, an auxiliary casing within the main casing in spaced relation thereto and rectangularly shaped, the auxiliary casing having its corners in registry with the corners of the main casing, insulating means carried by the auxiliary casing, a rectangularly shaped main drum within the auxiliary casing and having its corners substantially ninety degrees from the corners of the auxiliary casing, triangularly shaped auxiliary drums in the similarly shaped chambers formed by the main drum and corners of the auxiliary casing, a heating element in the main drum, flue connections between the main and auxiliary drums for passage of gases therethrough, the adjacent faces of all of the drums being in spaced relation to each other and in spaced relation to the auxiliary casing thereby forming flat air passages for the passage of heated air.

2,133,837
CLIP
William R. Wiley, Detroit, Mich.
Application November 9, 1936, Serial No. 109,921
6 Claims. (Cl. 189—88)



3. A clip for mounting a shallow channel shaped molding strip comprising a sheet metal member having transversely disposed arcuate portions at its opposite ends, said arcuate portions facing each other and normalized upon arcs of greater radius than that which they must assume when confined between the walls of said channel whereby to preclude longitudinal movement of said clip with respect to said molding strip.

2,133,838
ELECTRIC HEATER
Charles C. Abbott, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York
Application August 12, 1936, Serial No. 95,574
13 Claims. (Cl. 219—38)



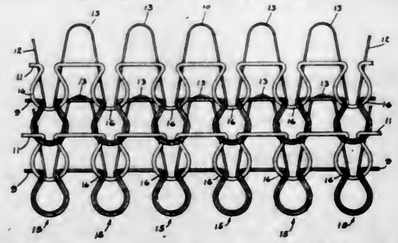
1. An electric heater for steam boilers and the like comprising a resistance conductor, a metallic sheath encasing said resistance conductor, a support secured to said sheath, an anchor member receiving a portion of said sheath removed from said support, an expanding metal in said anchor member embedding the portion of said sheath in said member and means preventing lateral movement of said anchor member in said boiler.

2,133,839
REFLECTOR ASSEMBLY
Marcel A. Addor, Noranda, Quebec, Canada
Application May 14, 1937, Serial No. 142,642
1 Claim. (Cl. 240—2.18)



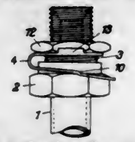
In a reflector assembly for rendering readily visible the underpart of automobiles having bumpers, a clamp adapted for detachable bumper connection, an arm pivotally connected to the clamp, an attaching clamp slidable longitudinally and circumferentially on the arm, a flat reflecting surfaced plate secured to the attaching clamp laterally of the arm, eyes formed on the edges of the plate at right angles to the arm, and a long and a short clip pivoted in said eyes for the purpose of holding a flashlight in substantially horizontal position with respect to the inclined plate which is adapted to reflect upwardly the image of parts illuminated by the flashlight under said automobile.

2,133,840
KNITTED FABRIC
Carroll R. Anderson, Minneapolis, Minn., assignor, by mesne assignments, to Munsingwear Inc., Minneapolis, Minn., a corporation of Delaware
Application November 16, 1936, Serial No. 111,106
9 Claims. (Cl. 66—194)



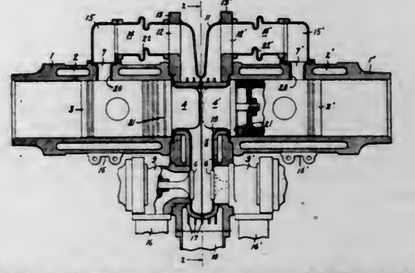
1. A knitted fabric including an elastic body thread and an inelastic body thread interknit to form separate but interconnected elastic and inelastic knitted body loops, and auxiliary threads having anchoring loops interknit with certain of the body loops, and having fleecing portions intervening between said anchoring loops formed free of the body loops of the elastic and inelastic threads and projecting from the face of the fabric so as to provide a soft, hairy-like nap or velvety finish.

2,133,841
LOCKING DEVICE FOR PREVENTING ACCIDENTAL LOOSENING OF SEPARABLE SCREWED PIPE JOINTS
Rifat Avigdor, Berlin, Germany
Application March 24, 1937, Serial No. 132,821
In Germany July 27, 1935
4 Claims. (Cl. 151—3)



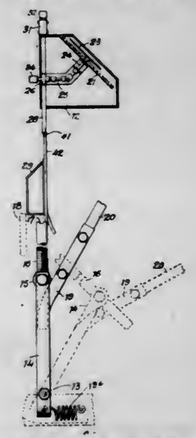
3. In a locking device for preventing accidental loosening of pipe connections comprising a nipple provided with an external screw thread and a nut adapted to be screwed thereon, said locking device consisting of a blade spring bent substantially into U-shape and having outwardly springy limbs projecting slightly beyond the nipple and the nut, the limb thereof which cooperates with the nipple having an opening through which can be guided the threaded stem of the nipple and carrying claws which embrace the polygonal surface of the nipple, the other limb acting on the polygonal surface of the nut being provided with an opening having notches on one part of the rim, and having an offset connected portion which is so positioned that the free end of the limb grips the polygonal surface of the nut by means of the notches, the other end of said limb engaging the rounded neck of the nut, the opening at this part of the limb being of substantially the same diameter as the said neck for the purpose of supporting the locking device.

2,133,842
INTERNAL COMBUSTION ENGINE
Richard William Bailey, Hale, England, assignor to General Electric Company, a corporation of New York
Application May 3, 1937, Serial No. 140,559
In Great Britain May 7, 1936
4 Claims. (Cl. 123—51)



4. A combustion component comprising a pair of cylinders axially alined and pistons therein arranged opposite each other, a combustion chamber between said cylinders and extending laterally of the axis of said cylinders, and poppet type exhaust valves located in opposite walls of said laterally extending combustion chamber arranged to move in directions substantially parallel to the axis of said cylinders.

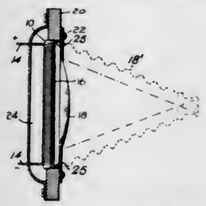
2,133,843
TESTING DEVICE FOR SHOCK ABSORBERS
Robert G. Berry, Memphis, Tenn.
Application November 11, 1936, Serial No. 110,399
11 Claims. (Cl. 73—51)



1. A testing device for vehicles having a spring supported part, said device comprising means for lifting and dropping such part, a graduated member, a finger movable upon rebound of such part for indicating on said graduated member the

amount of rebound, and means for holding said finger at the limit of the movement so imparted to it.

2,133,844
PICTURE TRANSMITTER
Cesar A. Castro, New York, N. Y.
Application January 2, 1935, Serial No. 82
2 Claims. (Cl. 178—7.2)

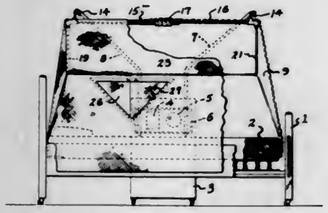


1. An induction electromagnet adapted for use in a television system comprising a light-sensitive screen formed of a plurality of photocells, said electromagnet comprising an angular core having at least one flat, relatively wide side and a winding of covered wire closely wound carried by said core on the said flat side thereof, said flat side being disposed adjacent to the said screen.

2,133,845
CORROSION RESISTANT TUBULAR ARTICLE
Donald K. Crampton, Marion, and Newell W. Mitchell, Waterbury, Conn., assignors to Chase Brass & Copper Co., Incorporated, Waterbury, Conn., a corporation of Connecticut
No Drawing. Application March 30, 1936, Serial No. 71,806
6 Claims. (Cl. 138—47)

1. A wrought-metal tubular article for use in contact with saline liquid or dilute acid and characterized by good corrosion resistance to saline liquid and dilute acid and formed from an alloy containing: phosphorus as an essential element from about ¼% to about 2%; aluminum from about ¼% to about 4%; tin from about ½% to about 3%; and the balance substantially of copper.

2,133,846
CANOPY AND CONSTRUCTION PERTAINING THERETO
Powel Crosley, Jr., Cincinnati, Ohio, assignor to The Crosley Radio Corporation, Cincinnati, Ohio, a corporation of Ohio
Application July 23, 1935, Serial No. 32,738
4 Claims. (Cl. 135—5.2)



1. In a canopy support, a structure, comprising a ridge support, and resilient, angularly disposed arms attached thereto at either end, said structure adapted to be located within a canopy, and means for attaching said structure to external supporting means.

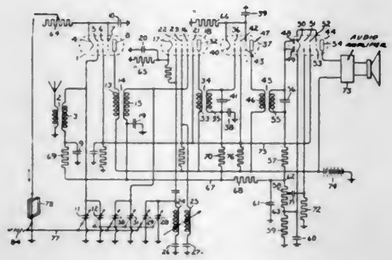
2,133,847
CORROSION RESISTANT TUBULAR ARTICLE
Donald K. Crampton, Marion, and Newell W. Mitchell, Waterbury, Conn., assignors to Chase Brass & Copper Co., Incorporated, Waterbury, Conn., a corporation of Connecticut
No Drawing. Application March 30, 1936, Serial No. 71,808
6 Claims. (Cl. 138—47)

1. A wrought-metal tubular article for use in contact with saline liquid or dilute acid and characterized by good corrosion resistance to saline liquid and dilute acid and formed from an alloy containing: phosphorous as an essential element from about ¼% to about 2%; aluminum from about ¼% to about 4%; zinc from about 1% to about 30% and in such quantity as to have the alloy consist entirely of the alpha phase with the sum of the phosphorus, aluminum and tin 6 or less when the zinc is 20% or more, and 7 or less when the zinc is less than 20%; tin from about ½% to about 3½%; and the balance substantially of copper.

2,133,848
CORROSION RESISTANT TUBULAR ARTICLE
Donald K. Crampton, Marion, and Newell W. Mitchell, Waterbury, Conn., assignors to Chase Brass & Copper Co., Incorporated, Waterbury, Conn., a corporation
No Drawing. Application August 5, 1938, Serial No. 223,272
5 Claims. (Cl. 138—47)

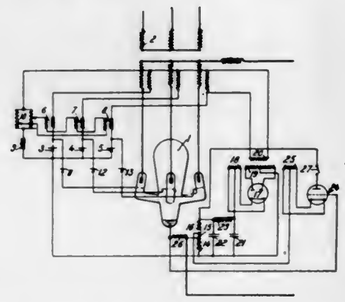
1. A wrought-metal tubular article for use in contact with saline liquid or dilute acid and characterized by good corrosion resistance to saline liquid and dilute acid and formed from an alloy substantially free of arsenic and consisting of: phosphorus from about ¼% to about 2%; zinc from about 1% to about 30%; tin from about ½% to about 8%; and the balance substantially of copper.

2,133,849
MEANS FOR TUNING RECEIVING SYSTEMS
Yvon Delbord, Paris, France, assignor to General Electric Company, a corporation of New York
Application May 17, 1935, Serial No. 22,069
In France June 7, 1934
9 Claims. (Cl. 250—20)



1. The combination, in a radio receiving system of a variably tuned input circuit including a main tuning condenser and an auxiliary tuning condenser, an output circuit in said system carrying current which assumes a normal value when no carrier wave is being received and which varies as said input circuit is tuned to resonance with a received carrier wave, the variation of said current from said normal value being maximum when said circuit is in resonance with a received carrier wave, means responsive to said current variations to actuate said auxiliary tuning condenser to tune said input circuit to exact resonance with a received carrier wave after said main tuning condenser has been varied to tune said input circuit to approximate resonance with said carrier wave.

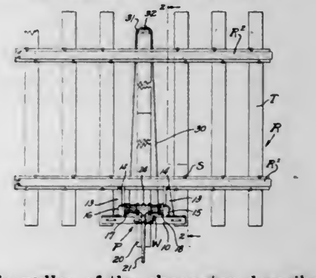
2,133,850
ARRANGEMENT FOR CONTROLLING THE CONTROL ELECTRODES OF IONIZED VAPOR VALVES
Marcel Demontvignier, Suresnes, France, assignor to Hewittic (Societe Anonyme) Suresnes, France, a corporation of France
Application December 26, 1933, Serial No. 704,005
Renewed February 6, 1936. In France January 7, 1933
14 Claims. (Cl. 175—363)



1. An arrangement allowing the cutting off of overloads in an ionized gas valve with control electrodes, comprising a circuit supplied by an auxiliary source of direct current and comprising a resistance, an auxiliary circuit connected at the ends of a first portion of said resistance, an auxiliary valve with a control electrode in said auxiliary circuit, a connection between the output of the first valve and the control electrode of said auxiliary valve in such a manner that an overload through the first valve has for effect to ignite said auxiliary valve, to make it conductive and to increase the potential drop across a second portion of said resistance, and connections of the ends of said second portion to the circuit supplied by the first valve and to its said control electrodes so that said increase of potential drop renders said first valve non-conductive.

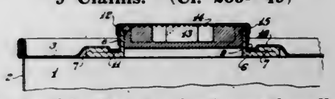
8. In an electric translating system, a discontinuously controllable electric valve having an anode with an associated control electrode and a cathode, a control electrode circuit for said valve including source means of control voltages operable to energize said control electrode at a potential which is positive with respect to said cathode to thereby release the flow of current through said valve, means responsive to an operating condition of said valve for modifying the voltages impressed on said circuit by said source means to maintain said control electrode at a negative potential with respect to said cathode to cause interruption of the flow of current through said valve, and an imperfect electric valve forming the only connection between said control electrode and said circuit whereby the flow of current caused by said positive potential is limited and the space about said control electrode is rapidly deionized upon application of said negative potential on the control electrode.

2,133,851
TIE PULLER
Joseph A. Denton, Milwaukee, Wis.
Application October 22, 1936, Serial No. 106,964
2 Claims. (Cl. 254—43)



2. A tie puller of the character described comprising a portable frame having means engageable with the rail below the tread surface thereof to maintain the tie puller in position, bearings carried by the frame, a shaft supported in said bearings, independently rotatable drums mounted on said shaft, a lever pivoted on the shaft between the drums, said drums having ratchet wheels adjacent the lever, said ratchet wheels having their ratchet teeth facing in the same direction, pawls individually pivoted to the lever and selectively and simultaneously cooperable with said ratchet wheels, and a cable having its ends secured to and coiled about the drums and having its bight portion adapted to engage an end of a tie whereby when the pawls are simultaneously cooperable with the ratchet wheels the device may be operated to withdraw a tie rapidly and when only one of the pawls is engaged with its one of said ratchet wheels increased power is available to effect the pulling of the tie due to the cable action, the bight of the cable traveling around the end of the tie with which it is engaged when the cable is actuated under the influence of one only of said pawls.

2,133,852
CONTAINER
Henry M. Dillhoefer, Cleveland Heights, Ohio
Application December 15, 1933, Serial No. 702,587
Renewed March 14, 1938
9 Claims. (Cl. 285—49)

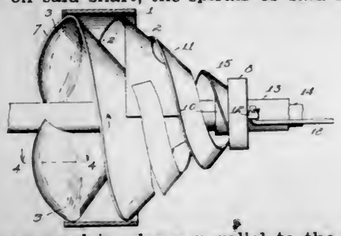


1. In combination, a sheet metal wall formed with an opening and provided with a laterally extending neck surrounding said opening, that portion of the wall adjacent to and surrounding said neck being embossed to form spaced pockets, and a bung ring comprising an internally threaded annulus having a flange at one end, said flange being provided with extensions which are folded over on the inner face of the flange to provide interlocking elements with contact edges extending radially for a substantial distance inwardly of the circumference of said flange, said elements fitting into said pockets to lock the ring against turning, and means for securing the other end of said annulus to said neck.

2,133,853
PROPELLER
Gustav Feige, Des Moines, Iowa
Application January 27, 1937, Serial No. 122,621
2 Claims. (Cl. 60—35.5)

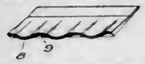
1. An air propeller, comprising a rotatable

shaft, a series of propeller blades operatively connected to the shaft and extended spirally around the shaft, the bodies of the blades being inclined outwardly and forwardly, and a cylinder surrounding the blades and closely fitted thereto, and a means for manually controlling the thrust of the propeller, comprising a series of substantially flat springs arranged in spiral conical formation, their forward ends being in engagement with said blades and their rear ends slidingly supported on said shaft, the spirals of said springs



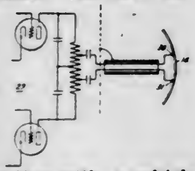
being arranged in planes parallel to the planes of said blades and the spirals of the springs being normally spaced apart far enough to permit substantially uninterrupted passage of air rearwardly through the cylinder, and the spirals of said springs being also so arranged that when their rear ends are moved forwardly the spaces between the springs will be approximately closed to prevent the passage of air rearwardly from the propeller and thereby reduce the thrust of the propeller without reducing its speed.

2,133,854
ROOFING
Albert C. Fischer, Chicago, Ill.
Application April 10, 1935, Serial No. 15,538
4 Claims. (Cl. 108—8)



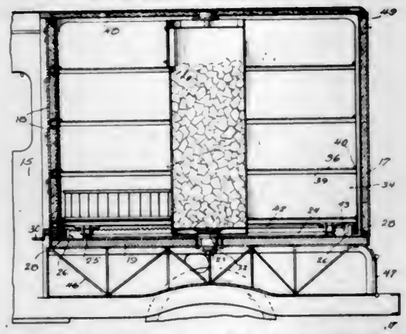
1. A covering strip comprising a homogeneous mass of adherent plastic material having a plane undersurface, a series of elongated raised portions and depressions formed on the weather exposed face to provide an ornamental design, some of said depressions being extended to merge with the butt edge of the strip, and a marginal projection extending along the butt edge of the strip and conforming to the surface contour of the raised portions and those depressions which merge with the butt edge of the strip.

2,133,855
ANTENNA SYSTEM FOR MOTOR VEHICLES
George W. Fyler, Stratford, Conn., assignor to General Electric Company, a corporation of New York
Original application July 18, 1934, Serial No. 735,756, now Patent No. 2,110,016, dated March 1, 1938. Divided and this application August 19, 1937, Serial No. 159,899
3 Claims. (Cl. 250—33)



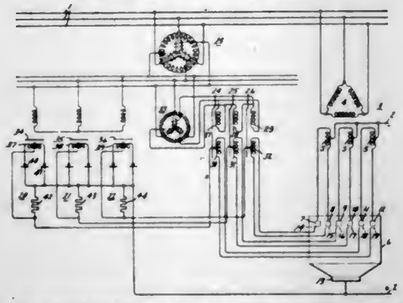
1. The combination with a vehicle, of a radio apparatus mounted on said vehicle, a bumper mechanically connected to an end of said vehicle and electrically insulated throughout its length from said vehicle, push-pull transmitttr means in said radio apparatus, and means to connect said push-pull transmitter means to two spaced points of said bumper whereby said bumper operates as a dipole antenna having a voltage node at its center.

2,133,856
COMMODITY TRANSPORTING AND COOLING DEVICE
Andrew Jackson Guthrie, St. Albans, W. Va., assignor of three-fourths to O. J. Bartlett and J. O. Bledsoe, St. Albans, W. Va.
Application April 4, 1938, Serial No. 200,018
8 Claims. (Cl. 62—13)



1. In a refrigerating truck, an insulated body having a removable top, a rotatable member therein comprising a plurality of vertically disposed radially extending partitions, segmental shelves between the partitions suitably secured to said partitions, a central vertically disposed refrigerant reservoir at the inner edges of the partitions, means for rotatably supporting the rotatable member, means for imparting motion to the said rotatable member, means for holding the rotatable member in different positions, and a draining means for the refrigerant reservoir.

2,133,857
ELECTRIC VALVE CIRCUIT
Fritz Hamacher, Berlin-Spandau, Germany, assignor to General Electric Company, a corporation of New York
Application November 7, 1936, Serial No. 109,736
In Germany December 12, 1935
7 Claims. (Cl. 175—363)



1. In combination, an electric circuit, an electric valve means connected therein and having a control member, and a control circuit for impressing on said control member a voltage of

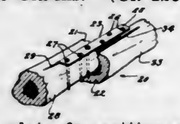
peaked wave form comprising a source of alternating voltage and a source of negative rectified alternating voltage having a component of a frequency double the frequency of said voltage of said first mentioned source and having a magnitude substantially greater than the maximum value of said alternating voltage and being displaced in phase relative thereto by substantially ninety electrical degrees.

2,133,858
SNAP SWITCH
Clarence J. Hathorn, St. Marys, Pa., assignor to The Stackpole Carbon Company, a corporation of Pennsylvania
Application November 24, 1934, Serial No. 754,587
In Canada January 30, 1934
10 Claims. (Cl. 200—67)



2. In a snap-switch, a plurality of terminals adapted to be connected to an outside circuit, each of said terminals comprising a flange and a main shank of electrical conducting material, a short-circuiting bar comprising a side wall and a front wall whereby the side wall will wipe the flange before and after the engagement of the front wall of the bar with the shank of the terminal so that the arcing will take place between the side wall of the bar and the flange, a throw arm carrying said short-circuiting bar, a snap-switch trigger arm, and a spring between said throw arm and said trigger arm for actuating said throw arm and for maintaining the short-circuiting bar in electrical contact engagement with said terminals.

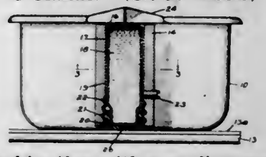
2,133,859
BONE SETTING
George W. Hawley, Westport, Conn., assignor to Louis J. Padula, doing business as Allied Medical & Orthopedic Supply Co., Norwalk, Conn.
Application March 31, 1938, Serial No. 199,067
15 Claims. (Cl. 128—92)



3. A bone plate for setting a fractured bone, comprising a surface section adapted to be placed on the exterior of the bone and to extend longitudinally thereof across the meeting ends of the fractured bone; an inlay flange integral with and disposed at an angle relative to said surface flange for insertion in preformed and aligned slots extending from the meeting ends of the fractured bone.

12. A method of setting a fractured bone having at least two bone fragments by a bone plate having an inlay flange and a surface section angularly disposed relative thereto, including the steps of forming slots in the two bone fragments to respectively extend longitudinally thereof from the fracture ends; inserting said inlay flange in said slots to align said bone fragments and to place said surface section closely adjacent the exterior of the bone; and inserting fastening elements through the surface section and into the bone fragments.

2,133,860
FREEZING TRAY FOR REFRIGERATORS
George S. Hill, Erie, Pa., assignor to General Electric Company, a corporation of New York
Application June 16, 1937, Serial No. 148,476
8 Claims. (Cl. 62—108.5)



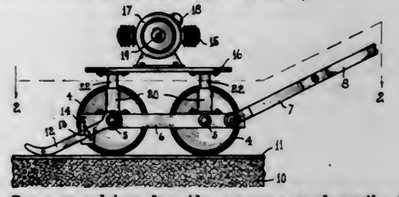
1. In combination with a cooling unit having a support, a receptacle positioned on said support and adapted to contain a substance to be congealed, means including a temperature responsive motor carried by said receptacle for breaking a frozen bond between said receptacle and said support, a layer of material of relatively low heat conductivity arranged between said motor and said support, and means for transferring a sufficiently limited amount of heat from said motor to said receptacle to operate said motor subsequent to congelation of the substance contained in said receptacle.

2,133,861
HOOD CAPPING BOTTLES
Robert F. Huntley, Fulton, N. Y., assignor to Oswego Falls Corporation, Fulton, N. Y., a corporation of New York
Application September 30, 1930, Serial No. 485,517
8 Claims. (Cl. 215—38)



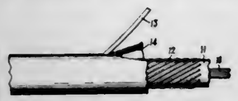
2. A flexible transparent cap for milk bottles consisting of a sheet of a homogeneous cellulose ester having its central portion extending across the top of a bottle and having its margins conforming to the contour of the neck of the bottle and united by coalescence of the material.

2,133,862
VIBRATING MACHINE
John T. Kerns, Omaha, Nebr.
Application November 8, 1937, Serial No. 173,333
2 Claims. (Cl. 94—48)



1. In a machine for the purposes described, a base assembly including a pair of opposed, parallel, relatively connected yokes and a pair of parallel cylindrical rollers having trunnions journalled in said yokes, a platform disposed above with its center of gravity normally in line, vertically, with the center of gravity of the base assembly, a plurality of upright supporting members each resiliently mounted on a yoke at the end of a roller and secured to the platform, and a gasoline motor on the platform to cause vibration of the supporting-members and yokes to cause vibration of said rollers.

2,133,863
ELECTRIC CABLE
Homer G. Knoderer, Fairfield, Conn., assignor to General Electric Company, a corporation of New York
Application June 19, 1935, Serial No. 27,362
3 Claims. (Cl. 173—266)

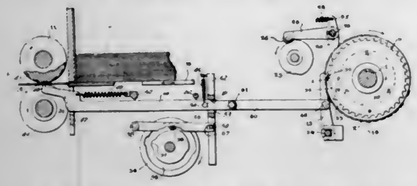


1. In an electric cable, a conductor, an armor comprising a strand wound around said conductor with a short pitch spiral having spaced convolutions and a thin elastic insulating covering surrounding said armor and conductor, said covering being of such elasticity that the spaced convolutions of said armor may be pulled from beneath said covering and unwound for a substantial length and said covering being of such thickness that it may be severed by the unwound portion of said armor upon pulling said armor back longitudinally of the cable.

2,133,864
PROCESS FOR THE PREPARATION IN AN ACID MEDIUM OF CHROMED DYESTUFFS AND PRODUCTS RESULTING FROM THIS PROCESS
Georges Kopp, Rouen, France, assignor to Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann, Paris, France, a corporation of France
No Drawing. Application November 12, 1934, Serial No. 752,788. In France December 2, 1933
3 Claims. (Cl. 260—147)

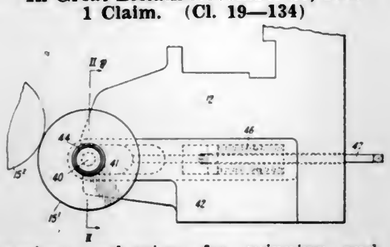
3. Chromed dyestuffs obtained by heating in an acid medium mixtures of azo dyestuffs each containing a metal, said dyestuffs being ortho-hydroxy-azo dyestuffs.

2,133,865
MECHANICAL TABULATOR ALPHABETICAL INDEXING MECHANISM
Eugene M. La Boiteaux, Washington, D. C.
Application January 8, 1936, Serial No. 58,191
11 Claims. (Cl. 101—93)



1. In an alphabetical tabulator indexing mechanism, a shaft adapted to be continuously rotated, a plurality of type wheel units carried by the shaft and each comprising an alphabetical type wheel and a ratchet escapement wheel, the type wheel being provided with a plurality of groups of type, stop pawls normally engaging the ratchet wheels for holding the type wheels against rotation of the shaft, and means controlled by record cards having index points for individually releasing the type wheels to permit certain rotative movements of the type wheels by the shaft to present type for printing.

2,133,866
SPINNING AND LIKE TEXTILE FRAME
Oswald Lambert, Tamise, Belgium
Application September 18, 1937, Serial No. 164,558
In Great Britain November 25, 1936
1 Claim. (Cl. 19—134)

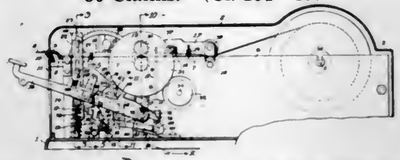


Drawing mechanism for spinning and like textile frames, comprising, in combination with a driving drawing roller, a drawing presser roller having an overhung arbor, said presser roller being integral with a unilateral supporting boss, an antifriction bearing for said presser roller disposed in the central plane of the pressure applied by said presser roller, a fixed bracket member presenting a slideway, a block slidable in said slideway, said arbor being mounted in said block, two flanges attached to said block and slidably engaging opposite faces of said bracket member, and adjustable pressure mechanism carried by said bracket member and acting on said block.

2,133,867
CEMENTED CARBIDE COMPOSITION
George Lucas, Euclid, Ohio, assignor to General Electric Company, a corporation of New York
No Drawing. Application April 17, 1937, Serial No. 137,551
9 Claims. (Cl. 75—136)

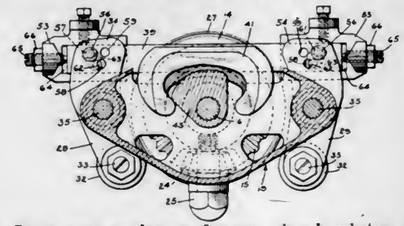
1. A cemented carbide composition containing an appreciable amount but less than 1% of chromium carbide the remainder of said composition consisting of about 2 to 25% cobalt and carbide material from the group tungsten carbide, tantalum carbide, titanium carbide.

2,133,868
TAPE MACHINE
Walter Morton, Windsor, Ontario, Canada, assignor of one-half to Ernest D. Lane, Windsor, Ontario, Canada
Application May 13, 1937, Serial No. 142,458
30 Claims. (Cl. 164—49)



30. A machine of the character described including means for feeding strip material from its roll and including a pair of opposed feed rolls between which said strip is passed, a motor, means for transmitting motion from said motor to one of said feed rolls, a control lever, a lever dog adjacent said control lever and pivotally supported for swinging movement, means operated by the swinging movement of said lever dog for starting and stopping said motor, a latch lever for engaging and locking said lever dog at the lower end of its stroke, means carried by said control lever for engaging and swinging said lever dog, a pawl pivotally supported and arranged to be swung by upward movement of said control lever to release said latch lever from engagement with said lever dog, strip severing means, and means operated by upward swinging movement of said lever dog for operating said severing means, whereby a continuous strip may be fed out of the machine by holding said control lever at the lower end of its stroke and then by releasing said control lever, operating said severing means to sever the strip.

2,133,869
CAN SEALER
Carl Nelson, Eau Claire, Wis., assignor to National Pressure Cooker Company, Eau Claire, Wis., a corporation of Wisconsin
Application July 8, 1935, Serial No. 30,344
6 Claims. (Cl. 113—23)



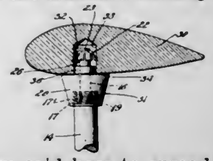
1. In a can sealer, a frame, chuck plates for supporting a can, a mechanism for driving one of said chuck plates to rotate the can, an arm pivotally supported intermediate its ends on said frame and having a seaming roller at one end, a block pivotally supported in the opposite end of the arm and having a recess therein, a bar operatively engaged with said driving mechanism, means adjustably securing one end of said bar in said recess whereby the seaming roller may be accurately adjusted with respect to the can, and means independent of said adjusting means for positioning the seaming roller for different sizes of cans.

2,133,870
RESINOUS COMPOSITIONS AND METHODS FOR PREPARING SAME
Birger W. Nordlander and Maynard C. Agens, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York
No Drawing. Application August 31, 1935, Serial No. 38,808
9 Claims. (Cl. 260—8)

1. The method of preparing a resinous composition which comprises forming a homogeneous reaction product consisting of a chemical combination of shellac, polyhydric alcohol and fatty substance selected from the class consisting of fatty oil, fatty oil acid and mixtures of fatty oil and fatty oil acid, and chemically uniting with said reaction product a polybasic carboxylic acid, said method being carried out with ingredients so proportioned that the shellac and fatty substance together constitute a major proportion by weight of the starting materials.

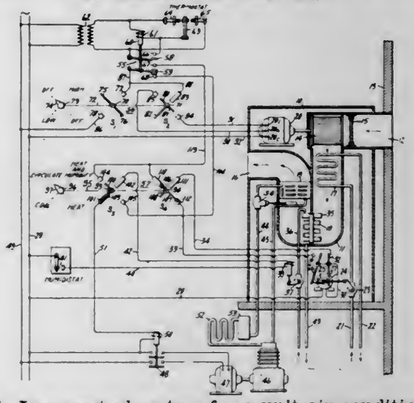
2,133,871
FENDER GUIDE
Daniel E. Reed, Norwalk, Conn., assignor to Yankee Metal Products Corp., Norwalk, Conn., a corporation of New York
Application February 27, 1937, Serial No. 128,103
7 Claims. (Cl. 287—126)

7. In a fender guide the combination of a standard; an ornament for said standard and having a bore with a wall; a slidable connecting member on the standard and in the bore; and yielding means on the standard tending to retract the



standard from said bore to spread the connecting member into gripping engagement with the wall of the bore.

2,133,872
SELECTIVE CONTROL FOR AIR CONDITIONING APPARATUS
Edward W. Roessler, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application July 23, 1935, Serial No. 32,758
16 Claims. (Cl. 236—44)

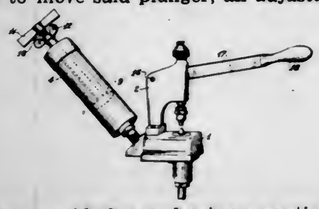


1. In a control system for a unit air conditioning apparatus selectively operable for circulating air and for performing different air conditioning functions, a selector device manually presettable for preparing said apparatus to operate solely for circulation of air or for performance of different selected ones of said conditioning functions concurrently with circulation, a thermostatically controlled device operative for controlling the operation of said apparatus in the performance of any of said conditioning functions, and a master control device selectively operable for rendering said apparatus either totally inoperative or operative in accordance with the setting of said selector device.

2,133,873
BULLET SIZING AND LUBRICATING DEVICE
George R. Sharp, East Cleveland, Ohio
Application August 3, 1937, Serial No. 157,120
7 Claims. (Cl. 86—19)

1. In apparatus of the type described, a base having an aperture extending therethrough and a circumferentially extending groove in the wall of said aperture, a sleeve in said aperture having circumferentially spaced holes extending through the sleeve wall and disposed in alignment with said groove, a tubular die member having a bullet sizing bore, having a sliding fit in said sleeve and having a flange extending outwardly at its lower end, said die member having circumfer-

entially spaced lubricant passages extending through the wall thereof, said passages being positioned out of alignment with said holes in said sleeve wall when the flange of the die member abuts the base, a plunger, means for supporting said plunger for movement substantially parallel to the axis of the bore in said die, a lever connected to move said plunger, an adjustable stop



member on said plunger having a portion adapted to engage the end of said die and to move said die downwardly in said sleeve until the lubricant passages in said die align with the holes in said sleeve, spring means tending to oppose such downward movement of said die, and an adjustable stop member adapted to engage the flanged end of said die and limit its movement relative to said sleeve.

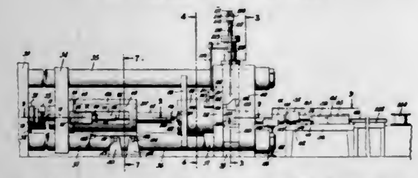
2,133,874

METHOD AND APPARATUS FOR EXTRUDING METAL STRIPS

Stanley W. Sparks, Norwalk, Conn., assignor to Sparks Processes, Inc., Norwalk, Conn., a corporation of Connecticut

Application August 6, 1936, Serial No. 94,508

28 Claims. (Cl. 29—33)



1. An apparatus for forming flattened metal strips including in combination a container for receiving a heated plastic metal blank; a die movable from a position spaced from said container into operative association therewith; means movable to lock said die in said operative association with said container; a blank piercing member movable in said container toward said die to a predetermined position relative to the latter, adapted to pierce said blank, and when in said predetermined position to form with said die an annular opening for the extrusion therethrough of a metal tube; means for forming a longitudinally extending slot in said metal tube; means for forcing said blank through said die subsequent to the movement of the piercing member, means movable with said die for opening and flattening said longitudinally slotted tube after its extrusion therefrom; and means for forcing said blank through said die.

18. The process of extruding unworked blanks into flattened metal strips including the steps of upsetting a heated blank in a container having a die in operative association therewith; forcing a piercing member having a nose portion of reduced diameter with a tube splitting key thereon, through the central portion of the blank to equalize the temperatures thereof; arresting the movement of the piercing member when the nose portion is in a predetermined position relative to the die and forms therewith an orifice for the extrusion therethrough of a longitudinally slotted metal tube; extruding the metal through the orifice to form a longitudinally slotted tube; and opening and flattening the slotted tube immediately following its extrusion through the die, all in the same continuous series of operations.

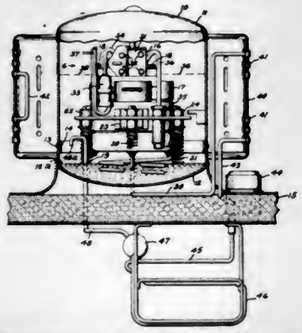
2,133,875

REFRIGERATING MACHINE

Carl H. Steenstrup, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application February 17, 1937, Serial No. 126,206

5 Claims. (Cl. 230—232)



1. A refrigerating machine comprising a compressor, a motor for driving said compressor, an enclosing casing for said compressor having a lubricant reservoir in the lower portion thereof containing a body of lubricant and gaseous refrigerant in the upper portion thereof, means for establishing a zone in the upper portion of said enclosing casing substantially free of any frothy lubricant present in said enclosing casing, an intake muffler for said compressor, means including an inlet opening arranged in said zone for conducting gaseous refrigerant from said zone to said muffler, and means for conducting gaseous refrigerant from said muffler to said compressor.

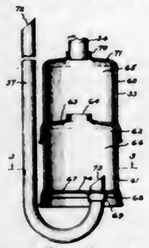
2,133,876

FLUID MUFFLER

Carl H. Steenstrup, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Original application February 17, 1937, Serial No. 126,206. Divided and this application August 26, 1937, Serial No. 161,075

10 Claims. (Cl. 181—49)



1. An intake muffler for a refrigerant compressor or the like comprising a casing, means constituting a transverse partition in said casing and provided with a restricted passage therein forming a plurality of communicating chambers in said casing, means including a relatively long restricted tube communicating with one of said chambers for conducting gaseous refrigerant thereto, a restricted aperture in said casing and arranged to provide for the escape from said casing of any lubricant accumulating therein, and means including a conduit communicating with another of said chambers for conducting the gaseous refrigerant from said casing.

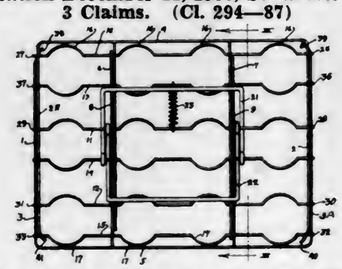
2,133,877

BOTTLE CARRIER

Thorvald M. Stevensen, Vancouver, Wash.

Application December 11, 1936, Serial No. 115,325

3 Claims. (Cl. 294—87)



1. In a device of the class described the combination of a pair of U-shaped frames, said U-shaped frames being comprised of a side member and two end members outwardly extending in the same direction from the side member, intermediate members secured to the side member and outwardly extending therefrom, said U-shaped members being adapted for being placed one above the other, and each of the members having longitudinal bars connected thereto and extending parallel with each other with bottle neck engaging segments formed integral with the longitudinal members, a carrying bail hingedly secured to one of the longitudinal members of each of the U-shaped frames, and a reactance means for normally maintaining the longitudinal members spaced apart.

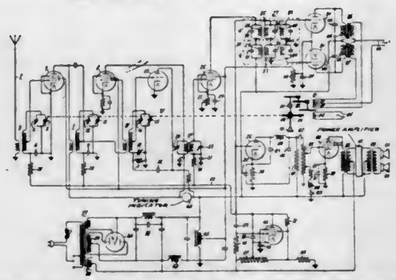
2,133,878

TUNING APPARATUS FOR HIGH FREQUENCY RECEIVING SYSTEMS

Chauncey G. Suits, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application June 28, 1935, Serial No. 28,822

12 Claims. (Cl. 250—20)



8. In a radio receiving system including a signal input tunable circuit, means for impressing on said input circuit a plurality of incoming carrier waves spaced in adjacent transmission channels of a frequency spectrum, manually operable means for tuning said input circuit to approximate resonance with a selected one of said incoming carrier waves impressed on said input circuit, and signal controlled means responsive to operation of said manually operable means to tune said circuit to approximate resonance with said selected incoming carrier for automatically tuning said input circuit to exact resonance with said selected carrier wave subsequent to said manual tuning.

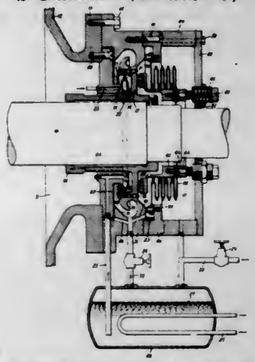
2,133,879

SHAFT PACKING

Ernest L. Thearle, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application April 28, 1936, Serial No. 76,793

2 Claims. (Cl. 286—9)



1. The combination with a casing having an opening and a rotatable shaft projecting through the opening of a packing arrangement for reducing leakage of fluid along the shaft past the opening comprising a cup concentrically surrounding and secured to the shaft, a ring concentrically arranged with the shaft and secured to the casing defining a vane disposed within the cup, means for conducting liquid to the cup to form a rotary seal between the cup and the vane by the action of rotation of the cup and cooling means for dissipating heat produced by the friction between the sealing liquid and the vane including an annular chamber defined within the vane and channels for circulating cooling medium through the chamber.

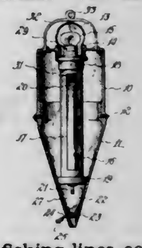
2,133,880

FISHING LINE FLOAT

Jefferson D. Wallace and Merle V. Sullenger, Kansas City, Mo.

Application July 1, 1937, Serial No. 151,488

5 Claims. (Cl. 43—17)



1. A float for fishing lines comprising a casing made up of two sections detachably connected together by a water tight joint, and a transparent dome attached centrally to the top of the upper section by a water tight joint, the lower section

of the float being tapered to its lower end; together with a tube having a disk of resilient material adapted to engage the tapered portion of the float for supporting said tube centrally within the casing, a battery within the tube, an electric light bulb supported at the upper end of the tube so as to project into the aforementioned dome, an electric switch, and means for operating the switch connected to the hook and line, said switch and light bulb being included in a circuit with the battery.

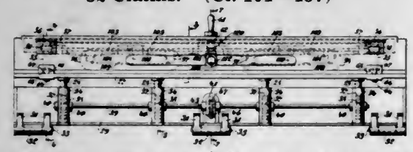
2,133,881

INKING MECHANISM FOR ROTARY INTAGLIO PRINTING MACHINES

Adolph Weiss, Brooklyn, N. Y.

Original application May 23, 1936, Serial No. 81,409. Divided and this application March 13, 1937, Serial No. 130,672

32 Claims. (Cl. 101—157)



1. Inking mechanism for a rotary intaglio printing machine comprising a side wall having a platform member, an inking head member removably seated on the platform, locking means comprising cooperative longitudinal locking means formed on the said platform and head, a stud on one of the members, a cam on the other of the members, and means to actuate the cam to lock the members in assembled position.

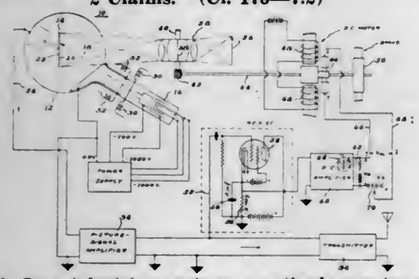
2,133,882

TELEVISION SYSTEM

Vladimir K. Zworykin, Philadelphia, Pa., assignor to Radio Corporation of America, a corporation of Delaware

Application March 30, 1935, Serial No. 13,792

2 Claims. (Cl. 178—7.2)



1. In a television system, a cathode ray transmitter tube comprising a screen which is so sensitized that it emits electrons when an image is formed thereon, said tube also comprising an electrode positioned to collect said electrons and further comprising means for producing a cathode ray, means for scanning said screen by said cathode ray whereby picture signals are developed, a connection including an impedance unit between said collector electrode and said ray producing means, a shutter device for controlling the intensity of said image, and means including a direct current amplifier connected between said impedance unit and said shutter for decreasing the intensity of said image in response to an increase in the voltage drop across said impedance unit.

2,133,883

SKI CLAMP

Herménégilde Aubert, Saint Adele, Quebec, Canada

Application May 24, 1938, Serial No. 209,759

7 Claims. (Cl. 280—11.37)



1. A clamp of the character described comprising a pair of clamp sections pivotally connected at one end, a pair of co-acting fastener elements connected to the free ends of the respective clamp sections and adapted for slidable engagement, and a locking member connected to one of the fastener elements for locking the said elements in one of a plurality of adjusted positions.

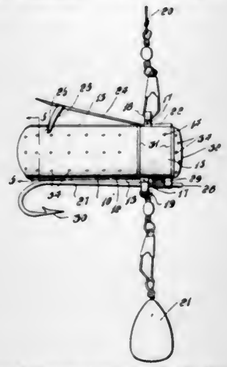
2,133,884

FISHING LURE

Conrad F. Barrett, Anthony, N. Mex.

Application May 13, 1937, Serial No. 142,484

6 Claims. (Cl. 43—34)



1. A fish lure comprising a bait holder, a band mounted upon said bait holder, a spring actuated hook rotatably mounted in said band, and a spring actuated trigger mounted in said band and adapted to releasably engage said hook.

2,133,885

WITHDRAWN

2,133,886

FLEXIBLE COVERING AND METHOD OF MAKING SAME

Frank M. Beegle, Springfield, and Harry L. Andrews, Jr., Ridley Park, Pa., assignors to Congoleum-Nairn, Inc., a corporation of New York

No Drawing. Application April 29, 1936, Serial No. 77,014

5 Claims. (Cl. 91—68)

1. A method of making a flexible covering which comprises impregnating a fibrous sheet-like foundation member with a bituminous saturant, applying directly to a surface of said foundation member an aqueous emulsion including water, a drying oil, water-insoluble and alkali-resistant resin and an ammonium soap as an emulsifying agent, subjecting the applied emulsion to treatment causing the water to evaporate, the ammonium component of the ammonium soap to be driven off and the drying oil to oxidize, to form a continuous sealing coat for the bituminized foundation member, and subsequently applying over said sealing coat a decorative and wear-resisting coating.

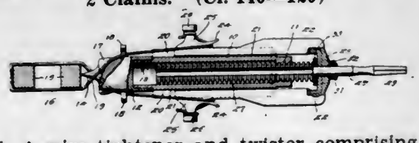
2,133,887

WIRE TIGHTENER AND TWISTER

Roy R. Beers, Phoenix, Ariz., assignor of one-half to Walter J. Thalheimer, Phoenix, Ariz.

Application December 14, 1937, Serial No 179,777

2 Claims. (Cl. 140—120)



1. A wire tightener and twister comprising a tubular body provided internally with screw threads, a pointed nose piece on the front end of the body, oppositely disposed guide lugs on the nose piece, guide tubes extending longitudinally of the body and having longitudinal slots, guide bars slidably mounted in the guide tubes and projecting through the slots thereof, a bearing member connecting the rear ends of the guide tubes, rearwardly directed spurs on the front ends of the guide bars projecting through the slots of the guide bars and forming means for producing a crimp in binding wires to be twisted and stretched, pins integral with the spurs around which the ends of said wires may be disposed, a jack screw in the body engaging the threads of the body, a shank integral with the jack screw projecting through said bearing member, means on the jack screw for locking the jack screw against rotation with respect to said body for forming a twist in said binding wires when the jack screw is rotated, and means actuated by the jack screw and engaging said bearing member for feeding said bearing member in a retrograde direction when said locking means is released to stretch said binding wires preparatory to twisting.

2,133,888

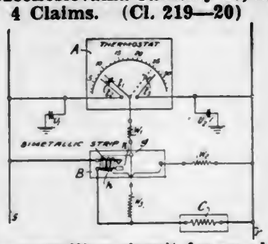
ELECTRIC CIRCUIT ARRANGEMENT FOR CONTACT-POINTER THERMOSTATS AND LIKE INSTRUMENTS

Franz Georg Bloch, Leitmeritz, Czechoslovakia

Application January 10, 1935, Serial No. 1,236

In Czechoslovakia January 10, 1934

4 Claims. (Cl. 219—20)



1. In the controlling circuit for an electric current consuming device, a source of electric current, a thermostat having an angularly movable contact member responsive to temperature changes, a graduated temperature scale on said thermostat, contacts on said thermostat and adjustable along said scale, connections between said current consuming device and said source of electric current, a switch in one of said connections, a thermal relay operating said switch, connections between said source and each of said adjustable thermostat contacts, a connection between said movable contact member and said thermal relay, a current-limiting resistance included in one of said connections, a connection between said thermal relay and one of said connections to said current consuming device, and a connection through a current-limiting resistance between said thermal relay and said source of electric current.

2,133,889

METHOD OF TREATING CHINA-WOOD OIL AND PRODUCT THEREOF

Robert D. Bonney, Glen Ridge, and Walter S. Egge, East Orange, N. J., assignors to Congoleum-Nairn Inc., a corporation of New York

No Drawing. Application February 16, 1935, Serial No. 6,884

14 Claims. (Cl. 87—12)

1. The process of treating China-wood oil which comprises the steps of admixing the China-wood oil with castor oil, subjecting the mixture at an elevated temperature but below 250° F. to an oxidizing treatment limited substantially to the formation of uncoagulated products of oxidation, and extracting with alcohol the mixture of fluid oxidized China-wood oil and castor oil to separate the castor oil therefrom, the castor oil being present during the oxidation step in an amount that is effective to substantially retard the coagulation of the China-wood oil, a sufficient amount of said alcohol remaining occluded by said oxidized China-wood oil to maintain said oxidized China-wood oil in fluid condition during and at the conclusion of said extraction operation.

8. A composition comprising uncoagulated oxidized China-wood oil in liquid phase, having a specific gravity above 0.970 at 15.5° C./15.5° C., having an iodine number below 125 (Wijs), being substantially free of non-hardening diluents of low volatility, being capable of hardening without further substantial oxidation, containing sufficient of a substance selected from the group consisting of alcohol and solvents for the oxidized oil to preserve the fluidity of the oxidized oil, and being substantially identical with the product of the process of claim 1.

2,133,890

WELL PUMP

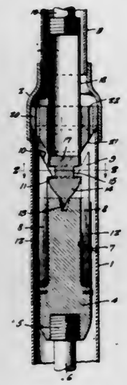
Glinn R. Brown, Bartlesville, Okla., assignor of one-third to J. E. Crawford and one-third to H. G. Crawford, Bartlesville, Okla.

Application August 31, 1936, Serial No. 98,812

2 Claims. (Cl. 103—226)

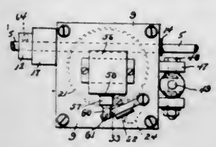
1. In combination a plunger barrel, a body disposed in the plunger and having diametrically opposed grooves arranged longitudinally therein, dogs pivotally secured to the body and normally disposed in the grooves, the pivots for the dogs being disposed within the confines of said body, leaf springs secured to said body at points below the pivots for the dog and contacting the dogs throughout the major portion of the length of the dogs, a guide tube for connection with the pump rods and having its lower end portion in-

teriorly screw threaded, a locking member having an enlarged upper end exteriorly screw threaded for detachable connection with the interior threaded portion of said guide tube, said member having a conical head and constricted intermediate portion, whereby an annular shoulder is provided at the upper end of the head, said



shoulder being downwardly inclined towards the center thereof, said head being engageable with the dogs for separating the dogs for engagement with the shoulder, and a plug for the pump barrel having a beveled lower surface arranged in the path of the dogs to remove the dogs from the shoulder.

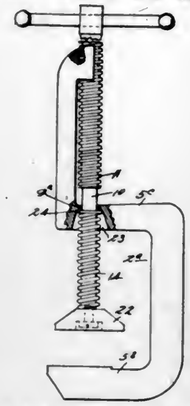
2,133,891
BRAKE HOLDING APPARATUS
Frank L. Darling, New York, N. Y.
Application February 3, 1938, Serial No. 188,563
20 Claims. (Cl. 188—265)



1. In an automobile having a frame which includes a longitudinal side beam, a longitudinal arch beam and a cross beam connecting the side beam and the arch beam, and leaving a triangular space in front of the cross beam, a brake rod passing through said space, in combination with a brake-holding device mounted in said space and operatively connected to said rod, and means to control the action of said holding device.

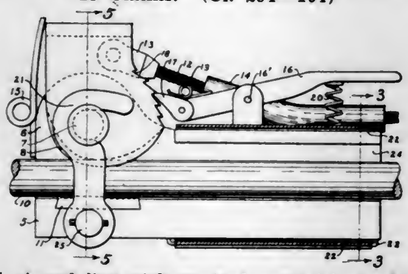
2,133,892
C-CLAMP TYPE HAND TOOL
Paul Gelinski, Chicago, Ill.
Application August 9, 1937, Serial No. 158,151
4 Claims. (Cl. 144—305)

1. A hand tool including a C-shaped frame from the outer end of the top arm of which extends a handle shank whose axis is normal to the top arm of the frame, the top arm having an eye near the shank, and a stem having a smooth body slidable and tiltable in the eye and having a screw threaded section above the arm and tiltable toward the adjacent face of the said shank, and a half-nut on the upper end of the shank and into which the said screw body



meshes, and a spring normally urging the stem toward the lower arm of the frame.

2,133,893
ROD LINE PICK-UP TOOL
William D. Harvey and Leonard C. Marshall, Nocona, Tex.; said Marshall assignor to Jesse D. Woods, Nocona, Tex.
Application August 13, 1937, Serial No. 159,012
13 Claims. (Cl. 294—104)

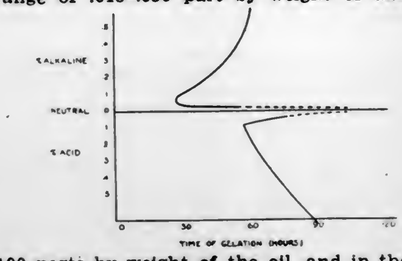


1. A rod line pick-up tool comprising a body portion adapted to receive a rod line, a cam pivotally mounted on the body portion in position to engage the rod line to connect the same therewith in clutching engagement, flexible means connected with the cam and extending approximately lengthwise of the rod line for actuating said cam, and means for releasing the cam from the rod line.

2,133,894
PROCESS FOR IMPROVING DRYING PROPERTIES OF OILS
Theodore S. Hodgins, Detroit, Mich., assignor to Helmuth Reichhold, doing business as Reichhold Chemicals, Detroit, Mich.
Application February 26, 1937, Serial No. 127,971
3 Claims. (Cl. 260—423)

1. A process for improving the drying quality of raw oils containing naturally occurring antioxidants, which comprises removing the antioxidants from such oils by treating the oils at substantially room temperature with a relatively strong inorganic oxidizing agent in concentration of .5–1.5 parts of oxidizing agent per 100 parts by weight of the oil, and maintaining the pH value close to the neutral point while avoiding exact neutrality, by treating the oil with a member of the group consisting of alkaline and

acidic reagents, the proportions employed in the case of the alkaline reagent falling within the range of .013–.050 part by weight of alkali to



100 parts by weight of the oil, and in the case of the acid falling within the range of .025–.050 part by weight of acid to 100 parts by weight of the oil.

2,133,895
PROCESS OF SOFTENING WATER
Georg Walter Kühl, Helmstedt/Braunschweig, Germany
No Drawing. Application October 7, 1936, Serial No. 104,538. In Germany October 7, 1935
8 Claims. (Cl. 204—25)

1. A process for the chemical softening of water with alkaline softening agents, comprising the steps of forcing the water, after precipitation of the hardening constituents with said softening agents and before flocculation and settling of colloidal material, to flow through a flocculation chamber in which is arranged a bed consisting of a number of contacting electrodes consisting of at least two materials of different potential, the dimensions of the electrodes and the speed of flow of the water being such that any appreciable deposition of the material to be flocculated is avoided on the electrodes, and subsequently separating the flocculated materials in a separate filter.

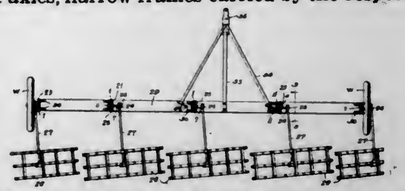
2,133,896
HOLDER
William C. Lawson, Enterprise, Fla.
Application November 16, 1937, Serial No. 174,867
3 Claims. (Cl. 242—146)



3. A device of the character described, comprising, a base formed with hinged sections provided with ribs defining a seat for a ball of yarn or the like, a plurality of balls pivoted to said base and movable to positions over said base to form a cage adapted to maintain said ball of yarn or the like within said cage.

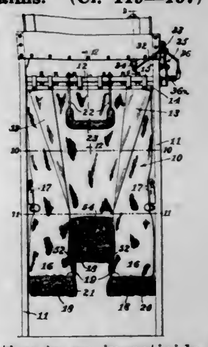
2,133,897
HARROW
Willard O. Long, Bloomington, Ill.
Application June 14, 1937, Serial No. 148,234
3 Claims. (Cl. 55—89)

1. A harrow including a beam, a segment secured to each end thereof, spaced bearing members carried by the segment, an axle journalled in the bearing members of each segment, said axles projecting in opposite directions beyond the respective ends of the beam, draw bars, means for attaching said bars to the ends of the respective axles, supporting wheels journalled on the axles, harrow frames carried by the respective



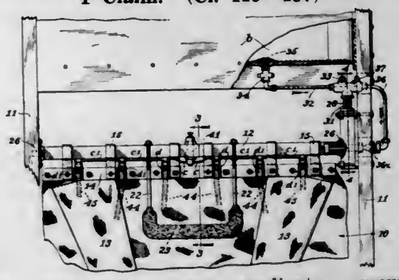
draw bars, and separate means for rotating the respective axles within their wheels for raising or lowering the bars and frames.

2,133,898
INSECTICIDE APPLICATOR
Newton Mansfield, Ashland, Ohio
Application April 6, 1936, Serial No. 73,021
19 Claims. (Cl. 119—157)



1. In combination in an insecticide distributor, a frame, an applicator of flexible sheet material mounted therein to apply insecticide to a passing animal, an insecticide reservoir, and conduit means from the reservoir to the lower portion of the flexible applicator to deliver insecticide directly to the wiping portion of the applicator, said conduit means including flexible conduit means descending along the flexible applicator.

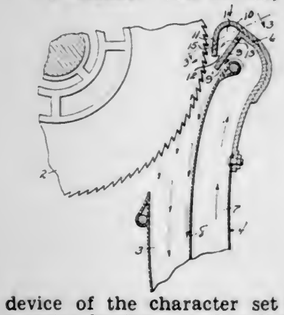
2,133,899
INSECTICIDE APPLICATOR
Newton Mansfield and Donald E. Clark, Ashland, Ohio
Application August 17, 1936, Serial No. 96,512
1 Claim. (Cl. 119—157)



In combination, an applicator member mounted to be moved by a passing animal, a rockable member operated by the movement of the applicator, said rockable member having a chamber associated therewith, a reservoir for in-

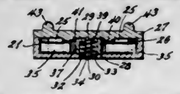
secticide fluid in communication with said chamber, a pump operated by the rocking member for delivering liquid from said reservoir to said chamber, a valve automatically delivering liquid from said chamber, and a distributing system delivering fluid to the applicator member comprising conduits extending from different points along said rocking member, and conduit means extending from and controlled by said valve and supported by said rocking member to deliver liquid from said chamber to said distributing conduits, substantially as described.

2,133,900
AIR GIN
Celestino Martinez, San Diego, Tex.
Application June 9, 1936, Serial No. 84,347
3 Claims. (Cl. 19—59)



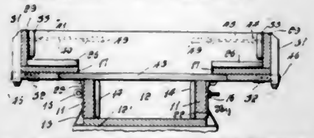
1. A device of the character set forth comprising a casing having a portion thereof formed in a nozzle located adjacent the saws of a gin, ducts formed in said casing and one of said ducts extending from the saws to condensers and the other duct extending from an air blast pipe to the nozzle whereby a column of air may be discharged past the saws for collecting and conveying lint to the condensers, a hood secured to the nozzle and having a wall spaced from one of the walls of the nozzle to form an auxiliary air outlet to develop a column of air of a less velocity than the column of air employed for removing the lint from the saws, said wall of the nozzle having ports to permit air from the air blast pipe to escape to the auxiliary outlet.

2,133,901
FASTENING DEVICE FOR JEWELRY
Bernard Mestekin, Washington, D. C.
Application February 10, 1938, Serial No. 189,857
6 Claims. (Cl. 24—241)



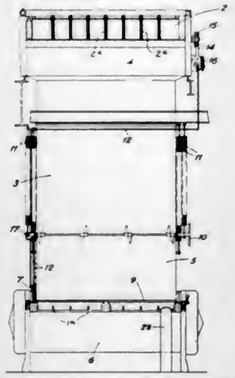
6. A fastening device for necklaces, bracelets and similar articles of jewelry comprising an elongated hollow body member provided with open ended slots extending to one face of said body member, a shaft mounted for rotation within the hollow portion of said body member, a cover member mounted on said shaft and rotatable therewith to open and close the hollow portion of the body member and thereby to close or open the slot in the face of said body member, said shaft having a shoulder plate at its lower end, the hollow body member having an apertured plate receiving said shaft and spaced above said shoulder plate, and a coiled spring surrounding said shaft and disposed between said plates, said cover member having cam-like portions on its lower face adapted to ride onto said apertured plate when the cover is moved from the closed to the open position.

2,133,902
WAGON OR TRAILER BODY WAGON BED
Lester B. Patrick, Mercury, Tex.
Application October 7, 1937, Serial No. 167,848
2 Claims. (Cl. 296—13)



1. A body of the class described having main side walls, supplemental side walls selectively disposable vertically and horizontally, means at the top of the main side walls pivotally connecting the main side walls and the adjacent supplemental side walls together, means to hold the supplemental side walls against displacement in their vertical position, pockets on the supplemental side walls, second supplemental side walls, said second supplemental side walls having stakes detachably engageable in said pockets to secure the second mentioned side walls above the first mentioned supplemental side walls, bar means disposable on the main side walls and passable through said pockets to support the first mentioned side walls in horizontal position, said bar means having pockets at the ends thereof to receive the said stakes in the horizontal position of the first mentioned supplemental side walls.

2,133,903
CLOTHES WASHING INSTALLATION
Albert Henry Pyne, Beckenham, Kent, England
Application March 22, 1938, Serial No. 197,464
In Great Britain August 12, 1936
9 Claims. (Cl. 68—9)

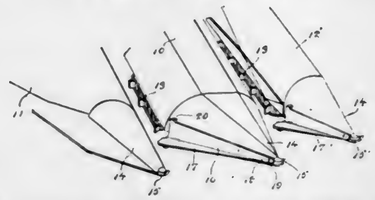


1. A clothes washing installation for laundries comprising in combination a washing machine, a preliminary receptacle for the treatment of the clothes prior to loading them into the washing machine, a transfer means for conveying clothes from the preliminary receptacle to the washing machine, power means for moving said preliminary receptacle from a loading position to a position wherein its contents are discharged to the transfer means, means for bringing the transfer device out of or into delivery engagement with the washing machine, and a master control device for said power means located at or near the washing machine.

2,133,904
PROCESS FOR SCRUBBING VAPORS CONTAINING PHTHALIC ANHYDRIDE
Helmuth Reichhold, Bloomfield Hills, and Carl H. B. Jarl, Royal Oak, Mich., assignors to Beck, Koller & Company, Inc., Detroit, Mich.
No Drawing. Application April 23, 1937, Serial No. 138,656
10 Claims. (Cl. 260—343)

1. A process of removing phthalic anhydride from vapors containing it which comprises scrubbing the vapors with a cooling and scrubbing liquid, which is capable of reaction with the phthalic anhydride to form a useful product.

2,133,905
CORN PICKER GATHERING POINT
John W. Rund, Jr., Pesotum, Ill.
Application March 30, 1937, Serial No. 133,884
1 Claim. (Cl. 56—119)

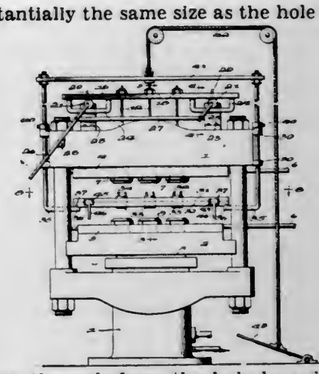


The combination with a corn harvester gathering point terminating in a runner at the front end, of a pick up attachment comprising an upstanding plate, a bottom plate extending horizontally from the bottom edge of the upstanding plate, both plates tapering to a point at the front end of the pick up attachment, a pivot pin passed through said front end of the pick up attachment and through the gathering point adjacent said runner, a lug projecting from the upstanding plate at the rear end thereof, a ledge on the gathering point against which said lug impinges to limit pivotal movement of the attachment, the bottom plate extending beyond the rear end of the upright plate and being slightly dished to direct fallen ears of corn rearwardly along the gathering point, and a rounded lug on the bottom of the rear end of the bottom plate forming a runner and weighting the rear end of the attachment to permit the attachment conforming to irregularities of the ground.

2,133,906
BUTTON MAKING MACHINE
Alexander A. Scott, Jr., Townsend, Tenn., assignor to The Patent Button Company of Tennessee, Townsend, Tenn., a corporation of Tennessee
Application April 18, 1936, Serial No. 75,202
12 Claims. (Cl. 18—16)

6. In a machine for molding products, ejector mechanism comprising a plate, ejector rods, heads adjustably mounted in the plate, and screw-threaded connections between the rods and said heads for individual adjustment of the rods relative thereto, said heads being individually bodily removable from the plate for individual removal of the rods.

8. A process of making articles comprising molding an article from a plastic material capable of being hardened and simultaneously with said molding thereof forming a hole therein with a web in said hole, ejecting said article after hardening from the mold onto an impaling prong of substantially the same size as the hole thereby



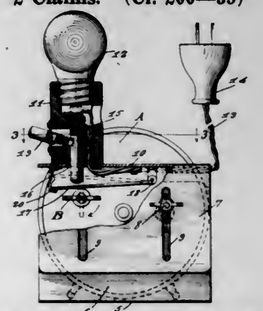
removing the web from the hole by said prong during the impaling action.

2,133,907
PARKA
Leonard Shanhouse, Rockford, Ill.
Application May 12, 1938, Serial No. 207,448
5 Claims. (Cl. 2—84)



1. In a garment of a parka type, a jacket body and a hood each formed of relatively stiff inelastic material, said body having a neck opening therein and said hood having a neck margin, and a relatively elastic strip forming a neck band connecting said body and hood around the major portion of said opening and being resiliently extensible at least intermediate its ends whereby to relieve strain applied by the hood to the wearer's head during forward bending of the latter.

2,133,908
ALARM ILLUMINATOR CLOCK
Harry Severin Swanson, Minneapolis, Minn.
Application September 22, 1937, Serial No. 165,193
2 Claims. (Cl. 200—35)



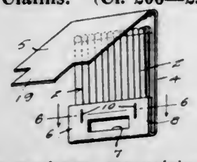
1. A switch for an alarm clock having a turning key comprising a bracket constituting a rest

for said clock and having a ledge overhanging the said key, an electric lamp socket piece carried by said ledge and having a movable plunger-like circuit-closing switch, a movable arm fitted with said ledge and disposed between the plunger-like switch and said key for coaction therebetween, means for adjustment of the ledge with respect to the key and plunger-like switch, and an inherently resilient keeper for said arm and having two keeper points for holding the arm in several adjusted positions.

2,133,909

SAFETY MATCH BOOK

William C. Thomas, Fries, Va.
Application April 2, 1938, Serial No. 199,715
7 Claims. (Cl. 206—29)

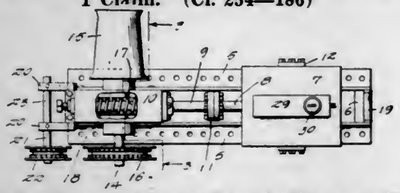


1. A match package comprising, a group of matches adapted to be separated for individual use, an abrasive striking panel shiftably attached to the match group at the base of the same, a shield panel for said abrasive panel, resilient means normally maintaining the abrasive panel behind the shield panel, a carrier for the match group, and a shield flap forming a part of the carrier and adapted when in shielding relation with the match group to effect the shifting of the abrasive panel relative to the shield panel.

2,133,910

HOIST

William Earl Vollmer, Reading, Pa.
Application September 20, 1937, Serial No. 164,789
1 Claim. (Cl. 254—186)

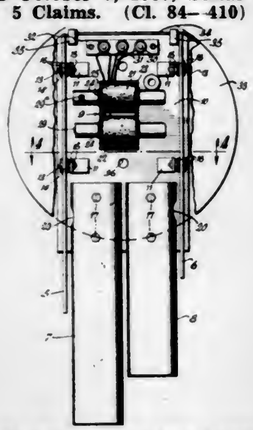


A hoist comprising a base having a pair of spaced longitudinally extending connected angle irons, a motor secured above one end of said base and having a drive shaft, a housing having upper and lower sections and extending above said base at the opposite end thereof, a transversely extending shaft journaled in said housing and having a chain pulley fixed thereon laterally of said base, a longitudinally extending shaft journaled in the upper section of said housing and effecting a drive connection between said drive shaft and said transversely extending shaft, said angle irons straddling the lower section of said housing and connected with the latter for maintaining said housing in fixed and spaced relation relative to said motor, and a handle connected to said irons at the ends thereof adjacent said housing for lifting the hoist as a unit, said handle having a shaft constituting the grip portion thereof and said shaft having an end extending laterally of the base and equipped with a chain pulley in working alignment with said first mentioned pulley for work association therewith upon operation of said motor.

2,133,911

MUSICAL CHIME

Lowell M. Alexander, Cincinnati, Ohio, assignor to Nutone Chimes Inc., New York, N. Y., a corporation of New York
Application October 7, 1937, Serial No. 167,787
5 Claims. (Cl. 84—410)

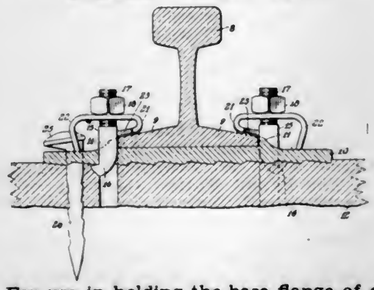


1. A signal device comprising a base, vibratable bars suspended on one or more of their respective nodal portions on said base in spaced relationship, a striker unit mounted on the base between said bars and including elements for striking the respective bars, said elements arranged to strike the bars at anti-nodal portions, resonator tubes attached to the base and depending therefrom in parallelism with the respective bars, said resonator tubes including openings disposed adjacent to depending anti-nodal portions of the bars.

2,133,912

RAIL SUPPORTING AND SECURING MEANS

Levi Borden Armstrong, Great Neck, N. Y., assignor to The Lundie Engineering Corporation, New York, N. Y., a corporation of New York
Application October 2, 1937, Serial No. 166,976
3 Claims. (Cl. 238—349)



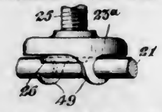
1. For use in holding the base flange of a rail resiliently on a tie plate, a bolt adapted to be anchored to said tie plate and having a non-cylindrical shank adapted to assume a vertical position adjacent the base flange of the rail and having a cylindrical screw-threaded upper end, a spring clip having a hole therein adapted to receive the screw-threaded end of said bolt and having at one side a downwardly and inwardly bent portion adapted to engage the rail flange and provided with an edge shaped to continuously contact and to assume substantially abutting engagement with a portion of the surface of the

non-cylindrical shank of said bolt whereby the clamp is held against turning with relation to said bolt, said clamp having on its other side a downwardly bent portion adapted to engage the tie plate at a substantial distance from the point at which said downwardly and inwardly bent portion is adapted to engage the rail flange, and a nut adapted to be run down on the screw-threaded end of said bolt and to engage the clamp intermediate its ends and to flex the same longitudinally of said bolt toward the non-cylindrical shank thereof whereby the clamp may be placed under tension while engaging the tie plate and the base flange of the rail.

2,133,913

HARP SWIVEL

Kornel Berger, Brooklyn, N. Y.
Application March 5, 1938, Serial No. 194,031
4 Claims. (Cl. 240—148)

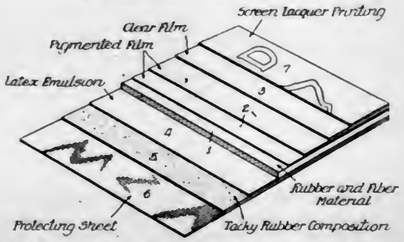


1. A harp frame and a shade supporting fixture swivelled thereon and comprising a cap having dependent hooks engageable sidewise over the harp frame, a stud and means for exerting yielding frictional holding engagement with said frame.

2,133,914

ADVERTISING MEDIUM

Lawrence J. Burke, Chicago, Ill., assignor to Poster Products, Inc., Chicago, Ill., a corporation of Illinois
Application September 8, 1936, Serial No. 99,798
8 Claims. (Cl. 41—26)



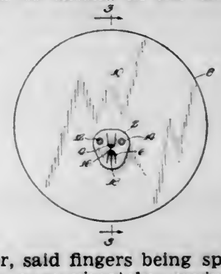
8. The method of preparing a varied colored, flexible advertising and display medium which comprises coating one side of a base material with a ground coat comprising a pigmented cellulose derivative composition containing a plasticizer, drying, applying a clear pigment-free cellulose derivative composition substantially free of plasticizer over said pigmented coating, drying, coating the other side of the base material with a continuously tacky pressure-sensitive adhesive composition and printing a design on top of said clear cellulose derivative coating with a pigmented cellulose derivative screen lacquer.

2,133,915

SUPPORTING UNIT

Caspar F. Engert, Chicago, Ill., assignor to Poster Products, Inc., Chicago, Ill., a corporation of Illinois
Application February 25, 1938, Serial No. 192,495
4 Claims. (Cl. 248—311)

1. A vertically disposable holder for beaded articles comprising, in combination, a flat metal base, an upper finger pressed out of the base and at least one lower finger pressed out of said base and adapted to extend in the direction of the

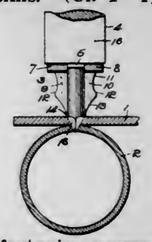


upper finger, said fingers being spaced apart by a distance approximately equivalent to the thickness of the bead.

2,133,916

METHOD OF FASTENING PARTS BY SELF-PIERCING MEANS

Wilmer H. Churchill, Saugus, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts
Application October 24, 1936, Serial No. 107,415
6 Claims. (Cl. 1—4)

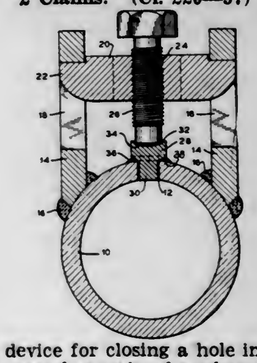


1. A method of fastening superposed pieces of material together by a fastener having a base and shouldered spring arms extending from said base, which comprises coming down upon said base with a suitable tool to force said shoulders through said pieces whereby said shoulders lie adjacent a surface of one of said pieces to hold said pieces.

2,133,917

PLUG FOR CLOSING HOLES MADE IN MEASURING THICKNESS

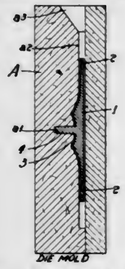
Reginald J. Clifton, Glendale, Calif., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Application March 31, 1936, Serial No. 71,986
2 Claims. (Cl. 220—57)



1. In a device for closing a hole in the wall of a metallic vessel, a pair of anchor lugs secured

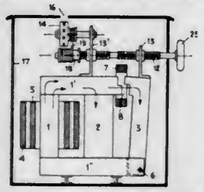
to the outer surface of said wall at opposite sides of said hole, a cross bar having means at its ends for engaging said lugs and provided with a center threaded opening normally in alignment with the hole in said wall, a plug adapted to cover and close said hole, a threaded bolt adapted to be screwed through the opening in said bar so that one end of the bolt will engage and force said plug into engagement with said wall to close said hole, and a spherical joint between said bolt and said plug.

2,133,918
METHOD OF MAKING BIMETALLIC FINGER RINGS
William E. Eccles, Owatonna, Minn., assignor to The Josten Manufacturing Company, Owatonna, Minn., a corporation of Minnesota
Application March 15, 1938, Serial No. 196,045
6 Claims. (Cl. 29—160.6)



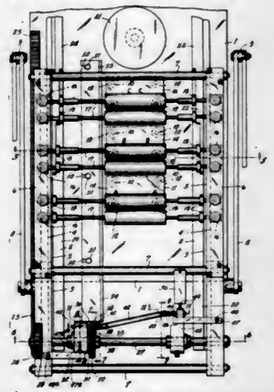
1. The process of making a composite finger ring which includes the steps of making a filler piece of base material having a mounting stem; covering all of the filler piece except the mounting stem with a coating of wax corresponding in form and external dimensions to the form and external dimensions of a covering of noble metal which is to be cast around the filler piece; investing the coated filler piece with investing material to form a mold in which the filler piece is held by means of the mounting stem; melting the wax and pouring it out of the mold; filling with molten noble metal the space in the mold not occupied by the filler piece; and removing the composite blank thus produced from the mold.

2,133,919
ALTERNATING CURRENT ARC-WELDING TRANSFORMER
Eduard Fries, Oerlikon, Switzerland
Application March 4, 1936, Serial No. 67,159
In Germany March 9, 1935
10 Claims. (Cl. 171—119)



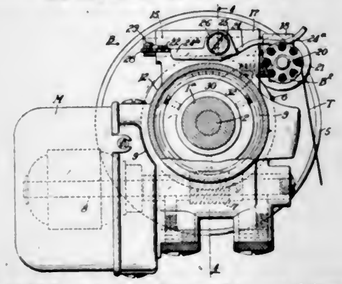
1. In a transformer, in combination, a substantially U-shaped iron core, an iron member of relatively high permeance arranged to form a substantially continuous ferro-magnetic loop with said core, a second substantially U-shaped ferro-magnetic core having interposed therein a zone of reduced permeability, said second core being arranged relative to said first loop in magnetic shunt with said member and forming therewith a second magnetic loop, primary and secondary windings on said first core, and an auxiliary winding encircling said zone and connected in series with said secondary windings to cause the voltage induced therein by that part of the primary flux which is shunted through the second core to be added to the voltage induced in said secondary windings.

2,133,920
CONTROLLING SIZE OF PRINTED IMPRESSIONS ON CYLINDRICAL SURFACES
Gerald A. Goessling, St. Louis, Mo.
Application April 9, 1936, Serial No. 73,429
6 Claims. (Cl. 101—38)



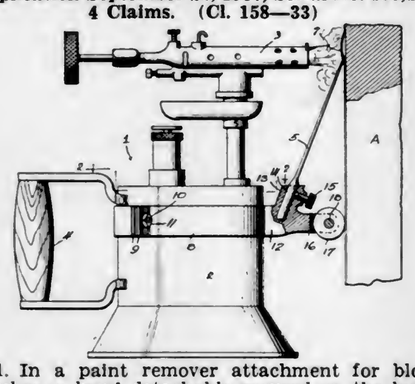
1. A printing press for cylindrical articles comprising a rack, a longitudinally movable frame, a shaft rotatable in said frame, a gear fixed on said shaft meshing with said rack whereby said shaft is rotated as said frame moves, a work support having rotatable centers for supporting the work, a second gear on said shaft, an idler pinion meshing therewith, a gear on one of said centers meshing with said pinion, and a printing plate arranged to be engaged by the rotating work moving thereover.

2,133,921
BOBBIN WINDER FOR SEWING MACHINES
John D. Karle, Roselle Park, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application November 20, 1937, Serial No. 175,601
13 Claims. (Cl. 242—22)



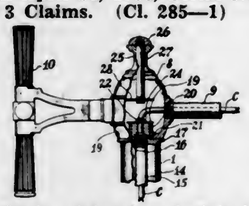
1. A bobbin-winder, for sewing machines having a frame and a balance-wheel supported by said frame and provided with an annular runway, comprising an endwise movable supporting rod slidingly mounted in said frame, a rotatable bobbin-carrying spindle carried by one end of said supporting rod, a drive-wheel secured to said spindle and adapted to be engaged with the annular runway on said balance-wheel, spring means normally acting to shift said rod endwise to position said drive-wheel out of contact with said runway, a latch-lever fulcrumed intermediate its ends on a stationary portion of the sewing machine, one end of said lever being adapted to bear upon the thread being wound on the bobbin and the other end forming an abutment, and a member secured to the other end of said rod and cooperating with said abutment to maintain said supporting rod in a position to hold said drive-wheel in contact with said runway until said lever is shifted sufficiently by the thread to move said abutment out of the path of said member.

2,133,922
SCRAPER ATTACHMENT FOR BLOWTORCHES
Meyer Laskin, Baltimore, Md.
Application September 22, 1937, Serial No. 165,173
4 Claims. (Cl. 158—33)



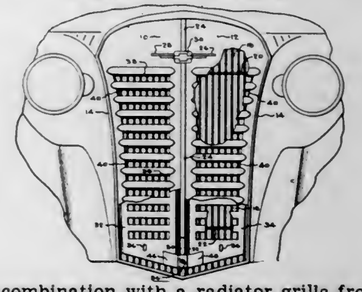
1. In a paint remover attachment for blow torches, a band detachably secured on the body of the torch, a socket member on the front portion of the band, a scraper having its shank fitted in the socket member and its blade portion disposed in juxtaposition to the burner of the blow torch, said scraper being capable of adjustment vertically, and work engaging means for guiding the movement of the torch and the scraper over the painted surface.

2,133,923
LAMP JOINT
Henry A. Perlmutter, New York, N. Y., assignor to Artistic Lamp Manufacturing Company, Inc.
Application April 24, 1936, Serial No. 76,118
3 Claims. (Cl. 285—1)



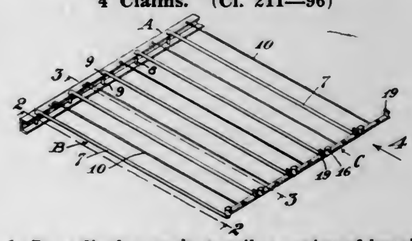
1. In a swinging joint for electric lamps, said swinging joint comprising a hollow journal member, a housing having an inwardly projecting bearing engaging said journal member and rotatable therearound, and an apertured springy plate secured to said journal member within and concealed by said housing and resting against the inner end of said bearing whereby slack motion is taken up by said plate and whereby an electric conductor may pass through said hollow journal member and said apertured springy plate.

2,133,924
SHUTTER CONSTRUCTION
Edgar G. Petersen, Jackson, and Frederick E. Beach, Detroit, Mich., assignors to Ryerson & Haynes, Inc., Jackson, Mich., a corporation of Michigan
Application February 24, 1937, Serial No. 127,366
1 Claim. (Cl. 189—61)



In combination with a radiator grille front of stream lined contour, an accessory shutter structure designed to be installed on the outside of the grille front comprising a pair of separate sheet metal sections of relatively rigid construction each adapted to cover equal portions of the grille front on opposite sides of its vertical center line, an opening in each of said sections, regulating means for varying the effective size of said openings supported upon said sections and located forward of said grille, said regulating means being associated with said sections as a unitary structure, attachment means upon said sections for enabling independent installation and removal of said sections to and from said grille, interlocking structure connected to said regulating means upon each section and coacting with each other with said sections in place upon said grille to lock said regulating means together so as to function as a unit, and control means directly connected to one of said regulating means and extending rearwardly through said grille for indirectly operating the other of said regulating means with simultaneous movement through said interlocking means.

2,133,925
DISPLAY RACK
Donald J. Randall, Los Angeles, Calif.; Marguerite Randall, special administratrix of Donald J. Randall, deceased, assignor to Jesse Price, Los Angeles, Calif.
Application November 4, 1935, Serial No. 48,141
Renewed March 16, 1938
4 Claims. (Cl. 211—96)



1. In a display rack, a rail, a series of brackets mounted to swing horizontally each of which

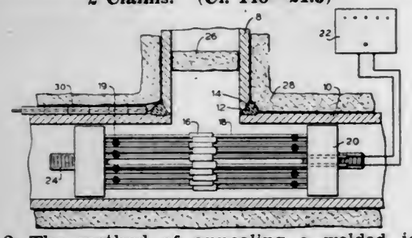
includes a rod pivoted on said rail, a link pivoted on said rail extending parallel with said rod, a spacing bar connecting the outer ends of said rod and link; and an extension on said spacing bar arranged to cooperate with an adjacent bracket to limit movement of contiguous brackets toward each other.

2,133,926

HEAT TREATMENT OF WELDED JOINTS

Samuel H. Ransom, Jr., and George C. Fairbairn, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y., a corporation of Delaware

Application June 13, 1936, Serial No. 85,003
2 Claims. (Cl. 148—21.5)



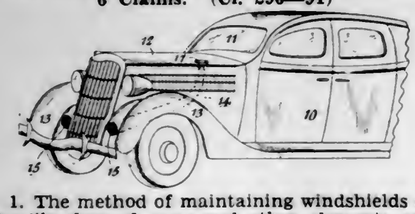
2. The method of annealing a welded joint formed by metal deposited between steel members, one of which is tubular, said metal and said members consisting of a steel alloy containing about 4 to 6% of a metal selected from the group consisting of chromium and molybdenum, comprising raising the temperature of the weld and adjacent portions of said steel members to about 1600° F., maintaining this temperature for a period sufficient to relieve all stresses in the joint or adjacent steel, gradually reducing the temperature of said weld to approximately 1350° F. and maintaining said last named temperature for not less than several minutes and then gradually reducing the temperature to approximately 1200° F.

2,133,927

SNOW DIVERTING MEANS FOR AUTOMOBILE WINDSHIELDS AND THE LIKE

Peter S. Riel, Buffalo, N. Y.

Application June 22, 1936, Serial No. 86,440
6 Claims. (Cl. 296—91)



1. The method of maintaining windshields and the like free of snow and other elements while the vehicle is in motion, which consists in directing, from opposite sides of the vehicle, opposing streams of air generally crosswise and upwardly in a plane forwardly of the windshield to thereby intercept the elements and divert them upwardly clear of the path of the windshield.

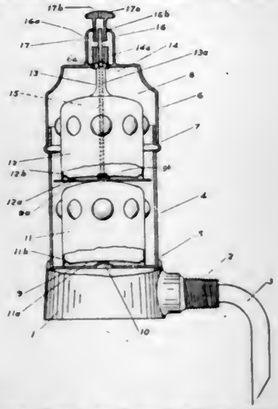
2,133,928

VALVE FOR HEATING SYSTEMS

Charles B. Simoneau, Lynn, Mass.

Application December 3, 1935, Serial No. 52,670
Renewed March 14, 1938
7 Claims. (Cl. 236—61)

1. In a device of the class described having a valve mounted upon a float and a valve port for venting, means for providing regulated control of venting, said means comprising a vent cap, a vent in said cap, a movable vent tube mounted in said cap, a vent in said vent tube, a tube mounted



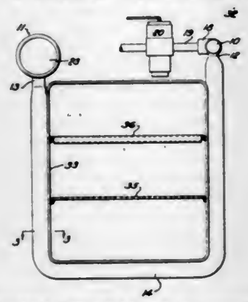
in the valve float and projecting into the vent tube and means on the vent tube for moving said vent tube towards and away from the valve port, as described.

2,133,929

REFRIGERATION EVAPORATOR

Lawrence C. Smith, Kenmore, N. Y., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y.

Application May 15, 1937, Serial No. 142,833
3 Claims. (Cl. 62—126)



2. A refrigeration evaporator comprising horizontally disposed tubular suction and inlet headers, said inlet header being of a substantially smaller diameter than the suction header and being disposed at substantially the same level, a plurality of depending ducts having extremities extending through lower portions of both headers, the extremities entering the inlet header extending upward to substantially the diametrical plane of the header, said extremities being each formed with a small orifice adjacent the point of entry in the inlet header, a refrigerant supply conduit communicating with the inlet header and a suction conduit communicating with the suction header.

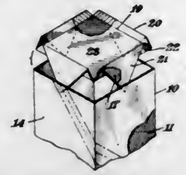
2,133,930

CARTON AND CLOSURE THEREFOR

Joshua Wagner, Brooklyn, N. Y.

Application February 21, 1936, Serial No. 65,007
5 Claims. (Cl. 229—23)

1. A closure for the open end of a carton comprising a one-piece blank including a flat sheet and a corrugated sheet having parallel flutes, said sheets being adhesively united, a boundary of linear scores within the blank conforming to the open end of the carton, two of said scores being arranged obliquely to said flutes, a closing



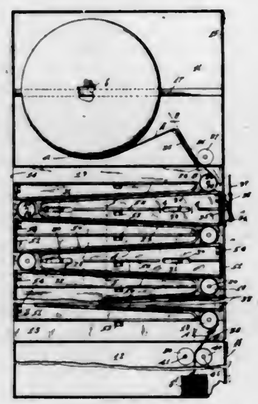
area for the open end of the carton confined within said boundary, and reinforcing areas for each of the sides of the carton, said reinforcing areas being bent out of the plane of the closing area and parallel to each other, the flutes in said reinforcing areas in each side being disposed obliquely opposite.

2,133,931

AIR FILTERING APPARATUS

Russell S. Walker and Warren S. Moore, Duluth, Minn., assignors to Universal Air Filter Corporation, Duluth, Minn., a corporation of Minnesota

Application November 27, 1936, Serial No. 112,864
8 Claims. (Cl. 183—62)



4. In an apparatus of the kind described, a casing having an air passage for the movement of air therethrough, a filtering sheet spanning said air passage, means for holding said sheet in zigzag manifold arrangement comprising reversely-arranged interlapping clamping rails normally clamping and holding the edges of said filtering sheet but releasable therefrom, means for moving said sheet longitudinally when released from the gripping action of said clamping bars, the clamping rails on the one side of said casing being retractable, and a tie bar connecting the said retractable clamping rails for simultaneous movements to and from operative positions, in further combination with manually-operated means operative on said tie bar for moving the same and the retractable clamping rails that are connected thereto, means for action on said tie bar, comprising cam lugs on the latter, and co-operating levers.

2,133,932

MACHINE FOR ASSEMBLING FINS AND TUBES

Lawrence V. Whistler, Kenmore, and William H. Saabye and William E. Tingler, Buffalo, N. Y., assignors to Fedders Manufacturing Company, Inc., Buffalo, N. Y.

Application January 10, 1936, Serial No. 58,498
7 Claims. (Cl. 29—84)



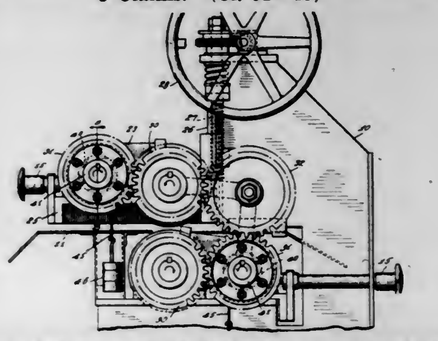
1. An assembling machine for applying fins on tubes comprising a rail structure, an endless conveyor at one end of said structure and having a lineally disposed section, spaced pairs of bearings on the conveyor, a shaft journalled in each pair of bearings, a carriage secured to each shaft and having a platen portion for receiving a fin, a crank secured to each shaft, fixed guide tracks adjacent the conveyor for guiding the carriages on said section with their platens disposed in a perpendicular position relative to said section, said guide tracks terminating adjacent to the rail structure, fixed cam means at the end of said tracks engageable by the crank in transit and causing it and the accompanying carriage to rotate in a direction away from the rail structure, a saddle slidably mounted on the rail structure and formed with means for engaging one end of a tube with remaining portions of the tube disposed over the conveyor section and in the path of the fins on the carriages thereon, said carriages forcing the fins on the tubes during their lineal movement, and a mechanism operated by said drive means for intermittently moving said saddle away from said section as each carriage is rotated by the fixed cams.

2,133,933

COATING MACHINE

Eugene G. Daley, Rushville, Ind., assignor to Chas. E. Francis Co., Rushville, Ind., a corporation of Indiana

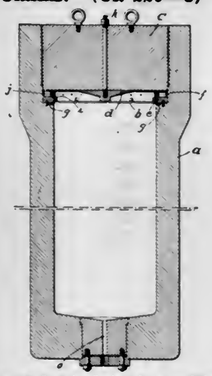
Application November 26, 1937, Serial No. 176,460
5 Claims. (Cl. 91—48)



1. In a machine for applying a liquid coating material to a surface, a spreader roll rotatable in contact with a supply of coating material to convey the coating material from the supply to such surface in the form of a film, a scraper roll associated with said spreader roll to limit the thickness of such film, gearing normally interconnecting said rolls and proportioned and arranged

to cause said scraper roll to rotate in a direction opposite to that of said spreader roll and at a lower peripheral speed, and an overrunning clutch acting between said gearing and said scraper roll to permit the latter to rotate at greater than its normal speed.

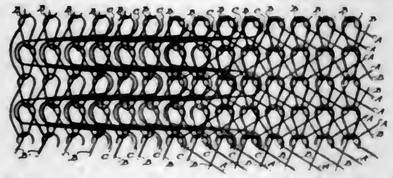
2,133,934
CLOSURE FOR PRESSURE VESSELS
Gunnar Ericsson, Philadelphia, and John L. Cox, Springfield Township, Montgomery County, Pa., assignors to The Midvale Company, Philadelphia, Pa., a corporation of Delaware
Application July 18, 1936, Serial No. 91,356
4 Claims. (Cl. 220—3)



1. A chamber adapted to be subjected to superatmospheric pressure and which may be quickly opened and closed and which when closed will be secure against leakage, the same comprising a cylindrical body the internal wall of which adjacent one open end is shaped to provide an internal annular shoulder, an end closure comprising a head engageable with the end of the cylinder above the shoulder and a member of the diameter of the head confinable between said head and shoulder, said member comprising a comparatively thin disc-like body portion of metal capable of flexing and provided with a peripheral flange extending downward and inward, the inward extension being comparatively thick and inflexible and engaging the shoulder, said flange forming a pocket communicating with the interior of the cylinder and tending to maintain a fluid-tight seal between the inward extension of said flange and the internal shoulder on the cylinder, means to hold said member, when in position, from turning circumferentially within the cylinder, the inner wall of the cylinder above the shoulder and the exterior of the closure head being provided with cooperative interrupted screw threads, and means supporting said member from said head but allowing the head to have a helical movement incident to its closure without turning said member within the cylinder while at the same time pressing said member between said head and shoulder.

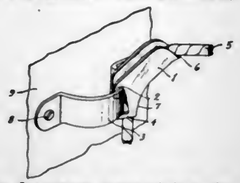
2,133,935
WARP-KNIT FABRIC AND METHOD OF MAKING THE SAME
Thomas H. Johnson, Jackson Heights, N. Y., assignor to American Bemberg Corporation, New York, N. Y., a corporation of Delaware
Application February 24, 1938, Serial No. 192,353
2 Claims. (Cl. 66—192)

1. A flat knit-warp fabric having incorporated therein at least one unknit thread along each selvage, each unknit thread extending inwardly over only a limited number of wales whereby the



central portion of the fabric is devoid of unknit threads.

2,133,936
CLOTHESLINE HOLDER
Frank L. McConnell, Springfield, Ill.
Application July 27, 1935, Serial No. 33,518
3 Claims. (Cl. 24—133)



1. A rope hanger comprising in cooperative combination, a bracket shaped to define a support, and a channel plate hooked over the bracket for the support of a rope and also shaped to define a pair of spaced downwardly extending integral hanger hooks disposed intermediate the top and bottom of the channel plate, the sides of said plate deformed to define a central channel for the support of said rope; said sides also shaped to define a pair of bottom guard fingers respectively registering snugly under said hanger hooks and in spaced relation thereto respectively in the same plane therewith and respectively disposed at right angles to the position of the hangers to provide stop means preventing unwarranted removal of said channel plate from said bracket by any vertical lift of the channel plate; said rope adapted to be supported within said channel of the channel plate.

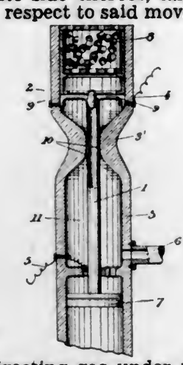
2,133,937
COLOR PHOTOGRAPHY
Edmund B. Middleton and Andrew B. Jennings, New Brunswick, N. J., assignors to Du Pont Film Manufacturing Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application February 15, 1937, Serial No. 125,894
27 Claims. (Cl. 95—88)

1. A color-forming photographic developer comprising an aromatic amino photographic developing agent and an acylacetaminoarylmorpholine.

2,133,938
ELECTRIC SWITCH
Sigwart Ruppel, Berlin, Germany; Frida Strauss, née Ruppel, heir of said Sigwart Ruppel, deceased
Application November 28, 1934, Serial No. 755,192
In Germany December 8, 1933
5 Claims. (Cl. 200—148)

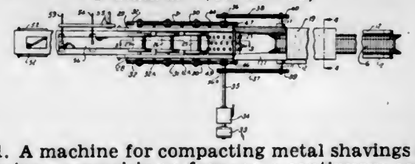
1. A gas blast circuit breaker comprising a nozzle consisting of insulating material, a stationary contact mounted in the exhaust part and beyond the neck and along the longitudinal axis of the nozzle, a coacting movable contact reciprocally operable through said neck and into the space

at the opposite side thereof, said neck being restricted with respect to said movable contact, and



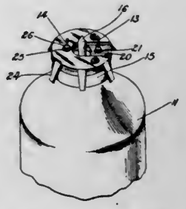
means for directing gas under pressure through said nozzle in a direction counter to circuit opening movement of said movable contact to extinguish the arc at said neck.

2,133,939
COMPRESS FOR STEEL SHAVINGS
John G. Maroney, Lacanada, and Jack I. Willfong, Montebello, Calif.
Application May 24, 1937, Serial No. 144,482
4 Claims. (Cl. 29—33)



1. A machine for compacting metal shavings or turnings, comprising a furnace, a continuous conveyor belt extending through said furnace for carrying the metal turnings into, through and out of said furnace, a chute for receiving said turnings when discharged by said belt, a pair of spaced grouser rollers for receiving the turnings from said chute, and a plurality of pairs of compression rolls with the spacings reduced between each successive pair for diminishing the bulk of said turnings and compressing the same into a rigid mass.

2,133,940
ELECTRIC LAMP
Harold Douglas Wilson, Gloucester, and Walter N. Heath, Rockport, Mass., assignors to Birdseye Electric Company, Dover, Del., a corporation of Delaware
Application June 7, 1937, Serial No. 146,750
10 Claims. (Cl. 176—32)

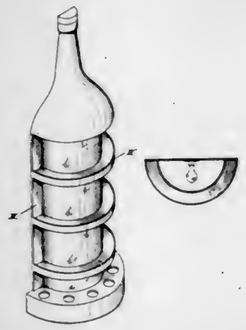


3. An electric lamp including in its structure a bulb having a hollow mount sealed within its neck and presenting a rounded annular bead at the end of the neck, lead wires passing out through the mount, a disk-shaped clip having spaced radial projections about its periphery and being located upon the bead and held in place by connection with the lead wires, and a metal base enclosing the clip and engaged by projections thereon.

DESIGNS

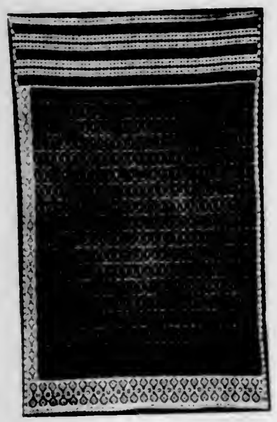
OCTOBER 18, 1938

111,736
DESIGN FOR A COMBINED BOTTLE SUPPORT AND DISPLAY CABINET
Paul A. De Sabato, Pittsburgh, Pa.
Application July 9, 1938, Serial No. 78,367
Term of patent 7 years



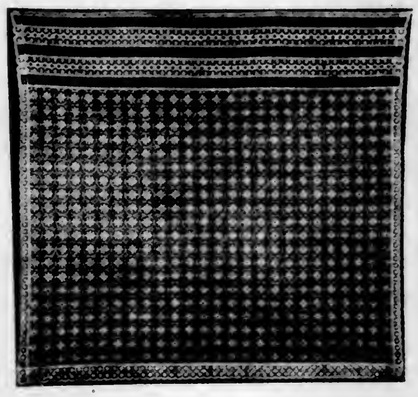
The ornamental design for a combined bottle support and display cabinet, as shown.

111,737
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,801
Term of patent 3½ years



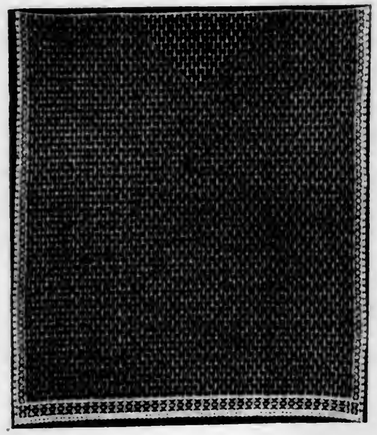
The ornamental design for a curtain or similar article, as shown and described.

111,738
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,809
Term of patent 3½ years



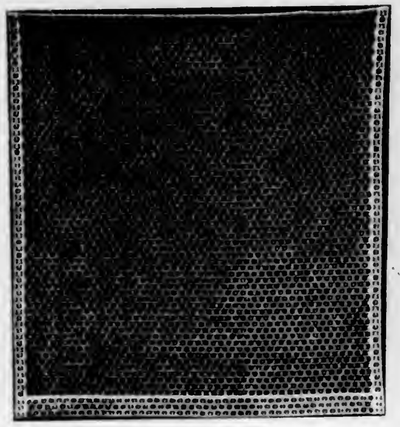
The ornamental design for a curtain or similar article, as shown and described.

111,739
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,814
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,740
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,815
Term of patent 3½ years



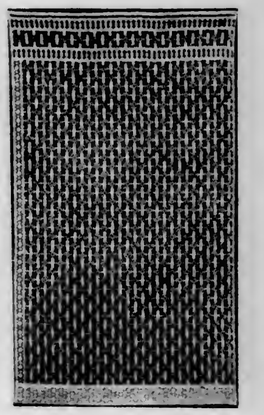
The ornamental design for a curtain or similar article, as shown and described.

111,741
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1933, Serial No. 78,820
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,742
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,821
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,743
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,842
Term of patent 3½ years



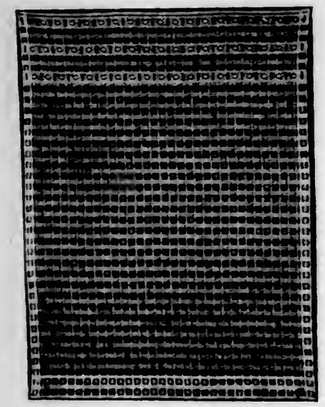
The ornamental design for a curtain or similar article, as shown and described.

111,744
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,843
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,745
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938. Serial No. 78,844
Term of patent 3½ years



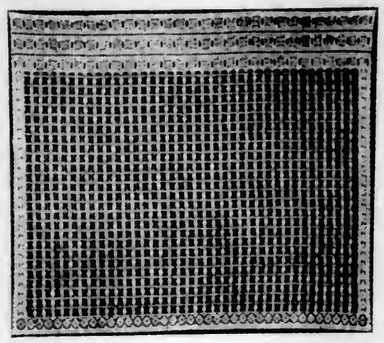
The ornamental design for a curtain or similar article, as shown and described.

111,746
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,845
Term of patent 3½ years



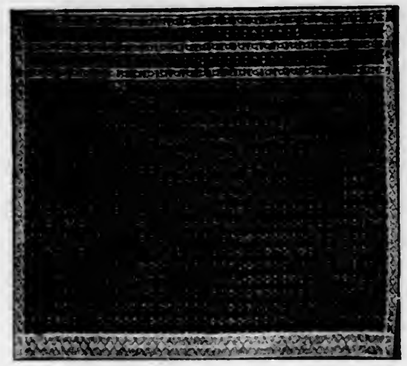
The ornamental design for a curtain or similar article, as shown and described.

111,747
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,855
Term of patent 3½ years



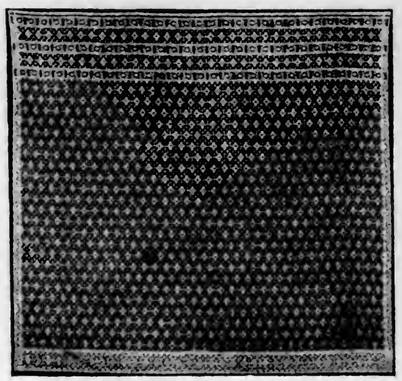
The ornamental design for a curtain or similar article, as shown and described.

111,748
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,863
Term of patent 3½ years



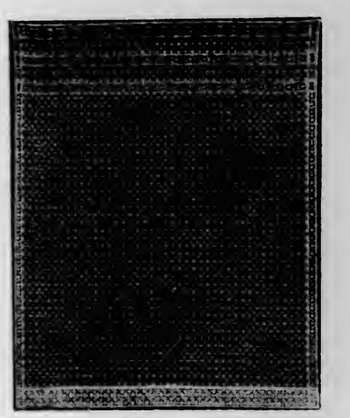
The ornamental design for a curtain or similar article, as shown and described.

111,749
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,864
Term of patent 3½ years



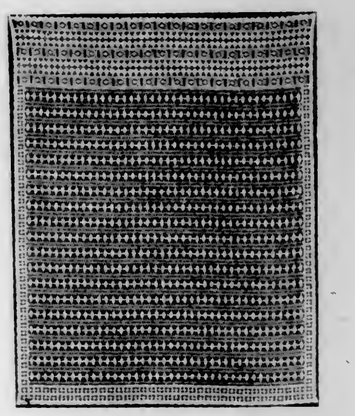
The ornamental design for a curtain or similar article, as shown and described.

111,750
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,879
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,751
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,880
Term of patent 3½ years



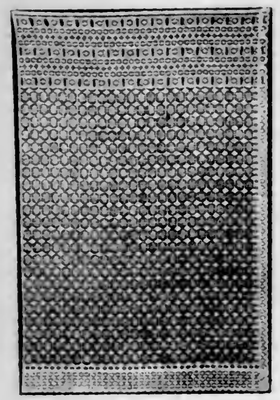
The ornamental design for a curtain or similar article, as shown and described.

111,752
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,898
Term of patent 3½ years



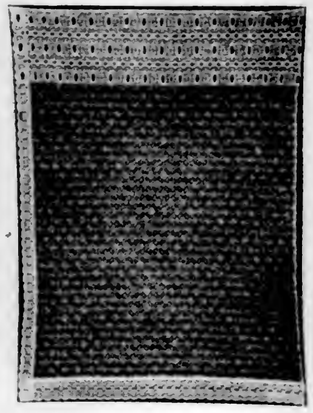
The ornamental design for a curtain or similar article, as shown and described.

111,753
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,899
Term of patent 3½ years



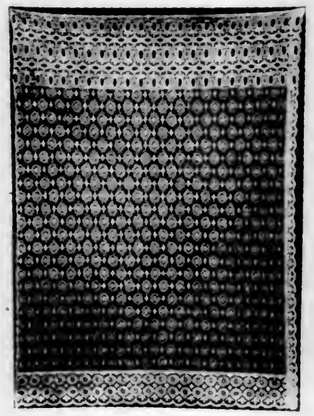
The ornamental design for a curtain or similar article, as shown and described.

111,754
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,906
Term of patent 3½ years



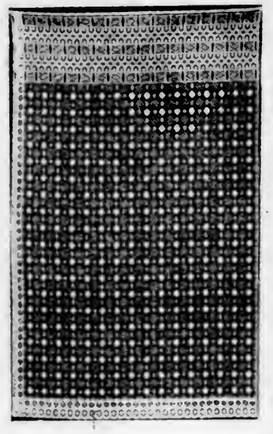
The ornamental design for a curtain or similar article, as shown and described.

111,755
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,907
Term of patent 3½ years



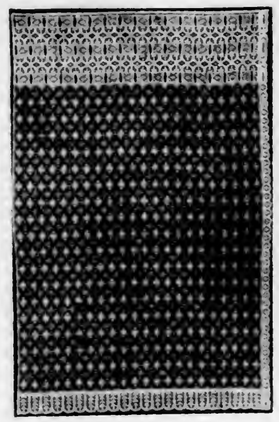
The ornamental design for a curtain or similar article, as shown and described.

111,756
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,920
Term of patent 3½ years



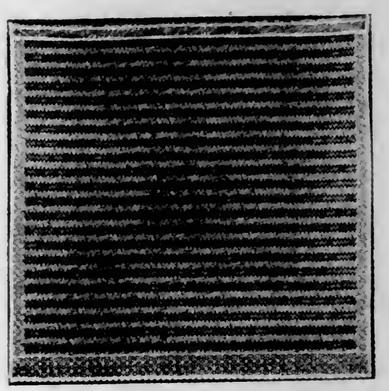
The ornamental design for a curtain or similar article, as shown and described.

111,757
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,921
Term of patent 3½ years



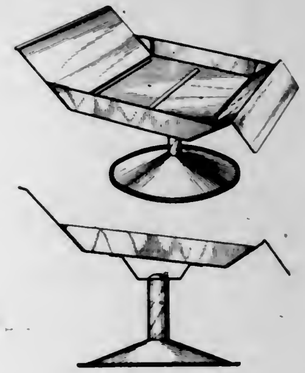
The ornamental design for a curtain or similar article, as shown and described.

111,758
DESIGN FOR A CURTAIN OR SIMILAR ARTICLE
Gustave F. Erhard, Scranton, Pa.
Application July 29, 1938, Serial No. 78,931
Term of patent 3½ years



The ornamental design for a curtain or similar article, as shown and described.

111,759
DESIGN FOR A COUNTER DISPLAY STAND
Ernest R. Erickson, Des Moines, Iowa, assignor to C. E. Erickson Company, Inc., Des Moines, Iowa, a corporation of Iowa
Application June 27, 1938, Serial No. 78,090
Term of patent 7 years



The ornamental design for a counter display stand, substantially as shown.

111,760
DESIGN FOR A RUG
Manuel Feldman, New York, N. Y.
Application July 26, 1938, Serial No. 78,738
Term of patent 3½ years



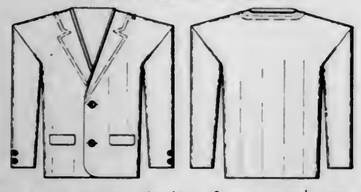
The ornamental design for a rug, substantially as shown.

111,761
DESIGN FOR A COMBINED FLAG AND STAFF
Francis Frazier, Oakland, Calif.
Application August 8, 1938, Serial No. 79,177
Term of patent 7 years



The ornamental design for a combined flag and staff, substantially as shown.

111,762
DESIGN FOR A COAT
David Gerelick, New York, N. Y.
Application March 25, 1938, Serial No. 76,095
Term of patent 7 years



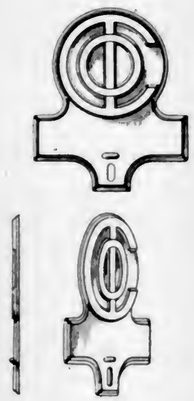
The ornamental design for a coat, as shown and described.

111,763
DESIGN FOR A BADGE
David Bruce Gibbs, New York, N. Y.
Application July 18, 1938, Serial No. 78,559
Term of patent 14 years



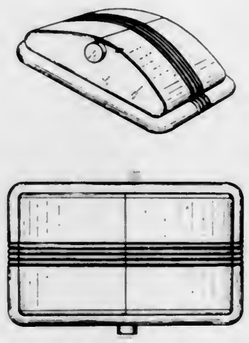
The ornamental design for a badge, as shown.

111,764
DESIGN FOR A DISPLAY PLATE FOR AUTOMOBILES
Marcus A. Gould, New Kensington, Pa.
Application July 30, 1938, Serial No. 78,978
Term of patent 3½ years



The ornamental design for a display plate for automobiles, as shown.

111,765
DESIGN FOR AN ELECTRIC TOASTER OR THE LIKE
Donald L. Hadley, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania
Application August 3, 1938, Serial No. 79,068
Term of patent 7 years



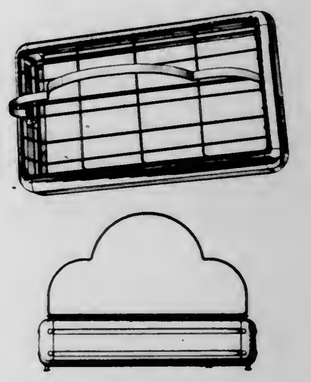
The ornamental design for an electric toaster or the like, substantially as shown and described.

111,766
DESIGN FOR A TUMBLER
Melvin O. Hansen, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application June 17, 1938, Serial No. 77,910
Term of patent 14 years



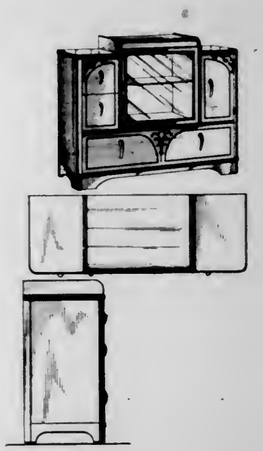
The ornamental design for a tumbler, substantially as shown.

111,767
DESIGN FOR A TUMBLER RACK
Adolph J. Havlis, Oak Park, Ill., assignor to Keystone Metal Products Co., Chicago, Ill., a corporation of Illinois
Application July 25, 1938, Serial No. 78,693
Term of patent 3½ years



The ornamental design for a tumbler rack, as shown.

111,768
DESIGN FOR A BUFFET
Leo Jiranek, Scarsdale, N. Y.
Application August 30, 1938, Serial No. 79,640
Term of patent 3½ years



The ornamental design for a buffet, as shown.

111,769
DESIGN FOR A PIN CLIP OR SIMILAR ARTICLE
Franklin E. Karples, Poundridge, N. Y., assignor to Jewels By Karples, Inc., New York, N. Y., a corporation of New York
Application July 9, 1938, Serial No. 78,374
Term of patent 7 years



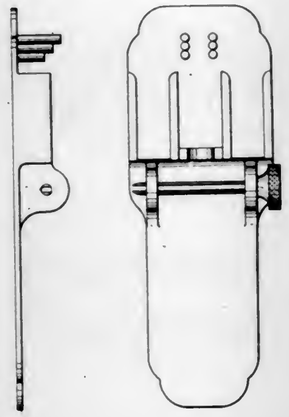
The ornamental design for a pin clip or similar article, as shown.

111,770
DESIGN FOR A FUR JACKET
Murray Kaufman, New York, N. Y., assignor to Murray Kaufman, Inc., New York, N. Y., a corporation of New York
Application May 28, 1938, Serial No. 77,448
Term of patent 3½ years



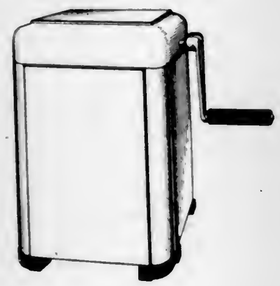
The ornamental design for a fur jacket, as shown.

111,771
DESIGN FOR A COMBINED TUBE DISPENSER AND ARTICLE HOLDING DEVICE
William L. Kennedy, Denver, Colo.
Application August 8, 1938, Serial No. 79,182
Term of patent 7 years



The ornamental design for a combined tube dispenser and article holding device, as shown.

111,772
DESIGN FOR A DOMESTIC ICE CREAM FREEZER
Harry J. Kettleborough, Mendota, Ill.
Application February 3, 1938, Serial No. 74,828
Term of patent 14 years



The ornamental design for a domestic ice cream freezer, as shown and described.

111,773
DESIGN FOR AN ARTIFICIAL FLOWER BOUTONNIERE
Florence N. Lewis, New York, N. Y., assignor to Elizabeth Arden, Inc., New York, N. Y., a corporation of New York
Application June 11, 1938, Serial No. 77,746
Term of patent 3½ years



The ornamental design for an artificial flower boutonniere, as shown and described.

111,774
DESIGN FOR A DECORATIVE WALL PLAQUE OR ANALOGOUS ARTICLE
Arthur A. Nudell, Chicago, Ill.
Application July 29, 1938, Serial No. 78,961
Term of patent 7 years



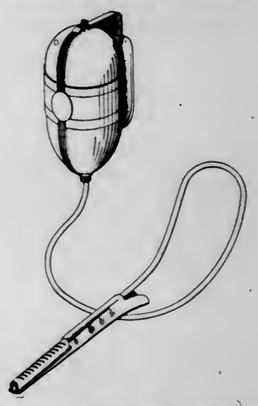
The ornamental design for a decorative wall plaque or analogous article, as shown.

111,775
DESIGN FOR A TRANSLUCENT CANDLE
William Seaver, Auburndale, Mass.
Application May 20, 1938, Serial No. 77,297
Term of patent 7 years



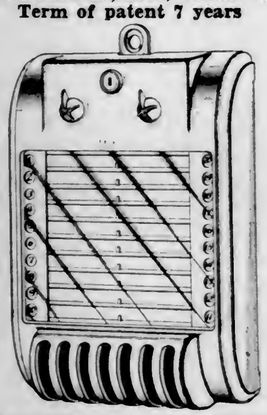
The ornamental design for a translucent candle, substantially as shown.

111,776
DESIGN FOR AN ELECTRIC SHAVER
Sidney Van Tuyl, Berwyn, and Edward E. Collison, Chicago, Ill.
Application August 8, 1938, Serial No. 79,180
Term of patent 7 years



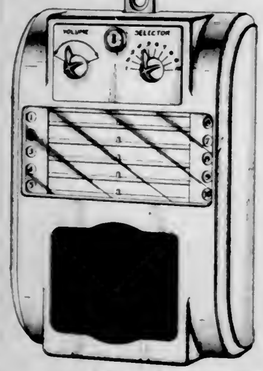
The ornamental design for an electric shaver, as shown.

111,777
DESIGN FOR AN ELECTRIC REMOTE CONTROLLER CASING
Lloyd J. Andres, Chicago, Ill.
Application June 13, 1938, Serial No. 77,811
Term of patent 7 years



The ornamental design for an electric remote controller casing, as shown.

111,778
DESIGN FOR AN ELECTRIC REMOTE CONTROLLER CASING
Lloyd J. Andres, Chicago, Ill.
Application May 28, 1938, Serial No. 77,461
Term of patent 7 years



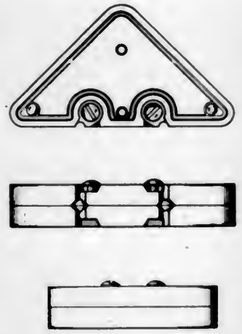
The ornamental design for an electric remote controller casing, as shown.

111,779
DESIGN FOR A BRACELET
Joseph Balme, Paris, France
Application January 31, 1938, Serial No. 74,729
Term of patent 3½ years



The ornamental design for a bracelet, as shown and described.

111,780
DESIGN FOR A TIP-OVER SWITCH CASE OR THE LIKE
Paul S. Bear and Herbert E. Bucklen, Elkhart, Ind., assignors, by mesne assignments, to Bucklen-Bear Laboratories, Inc., Elkhart, Ind., a corporation of Indiana
Application November 10, 1937, Serial No. 72,763
Term of patent 7 years



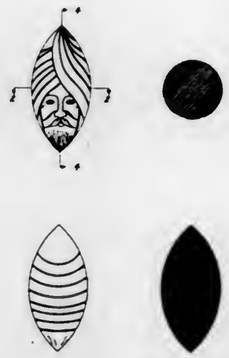
The ornamental design for a tip-over switch case or the like, as shown and described.

111,781
DESIGN FOR A COMBINED BOOKMARK AND HOLDER CLIP
Raymond F. Brennan, Attleboro, Mass.
Application February 24, 1938, Serial No. 75,375
Term of patent 3½ years



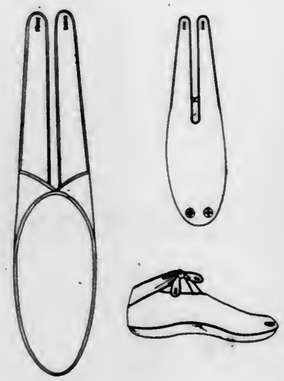
The ornamental design for a combined bookmark and holder clip, substantially as shown and described.

111,782
DESIGN FOR A FORTUNE TELLER'S BOB
Carmen A. Buds, Stamford, Conn.
Application March 2, 1938, Serial No. 75,525
Term of patent 7 years



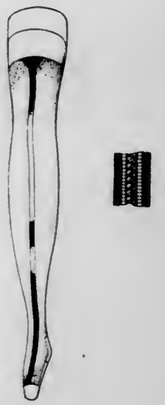
The ornamental design for a fortune teller's bob, substantially as shown.

111,783
DESIGN FOR A CONVERTIBLE CUFF SLIPPER OR SIMILAR ARTICLE
Esther Cadous, Brooklyn, N. Y.
Application April 7, 1938, Serial No. 76,342
Term of patent 7 years



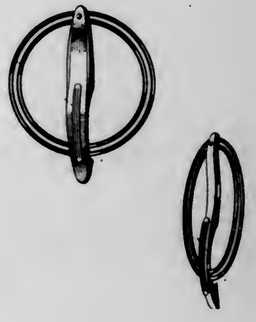
The ornamental design for a convertible cuff slipper, or similar article, substantially as shown, and described.

111,784
DESIGN FOR A STOCKING OR SIMILAR ARTICLE
Philip Gerton, New York, N. Y.
Application May 21, 1938, Serial No. 77,331
Term of patent 3½ years



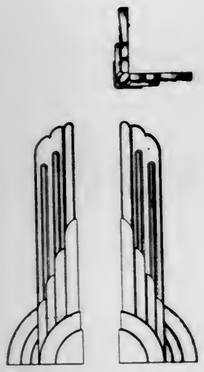
The ornamental design for a stocking or similar article, substantially as shown and described.

111,785
DESIGN FOR AN AUTOMOBILE BUMPER EXTENSION
Louis A. Koch, Jr., Louisville, Ky.
Application February 28, 1938, Serial No. 75,481
Term of patent 14 years



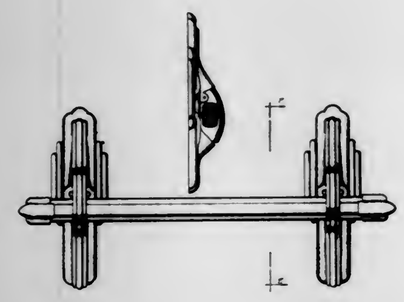
The ornamental design for an automobile bumper extension, substantially as shown.

111,786
DESIGN FOR A CORNER PLATE FOR A CASKET OR ANALOGOUS ARTICLE
Raymond Larson, Chicago, Ill., assignor to Central Metallic Casket Co., Chicago, Ill., a corporation of Illinois
Application March 4, 1938, Serial No. 75,580
Term of patent 7 years



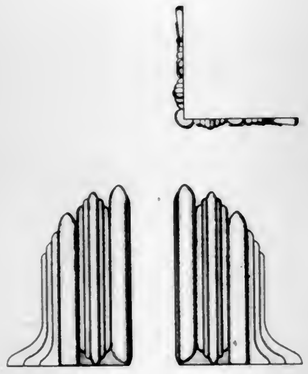
The ornamental design for a corner plate for a casket or analogous article, as shown.

111,787
DESIGN FOR A HANDLE FOR A CASKET OR ANALOGOUS ARTICLE
Raymond Larson, Chicago, Ill., assignor to Central Metallic Casket Co., Chicago, Ill., a corporation of Illinois
Application March 4, 1938, Serial No. 75,581
Term of patent 7 years



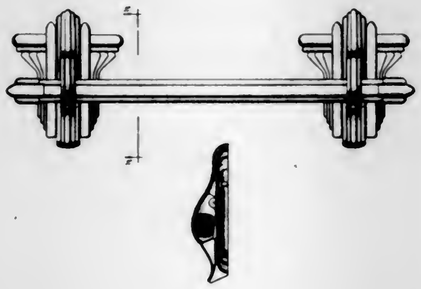
The ornamental design for a handle for a casket or analogous article, as shown.

111,788
DESIGN FOR A CORNER PLATE FOR A CASKET OR ANALOGOUS ARTICLE
Raymond Larson, Chicago, Ill., assignor to Central Metallic Casket Co., Chicago, Ill., a corporation of Illinois
Application March 4, 1938, Serial No. 75,582
Term of patent 7 years



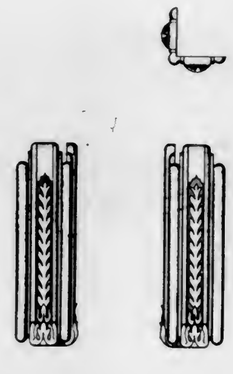
The ornamental design for a corner plate for a casket or analogous article, as shown.

111,789
DESIGN FOR A HANDLE FOR A CASKET OR ANALOGOUS ARTICLE
Raymond Larson, Chicago, Ill., assignor to Central Metallic Casket Co., Chicago, Ill., a corporation of Illinois
Application March 4, 1938, Serial No. 75,583
Term of patent 7 years



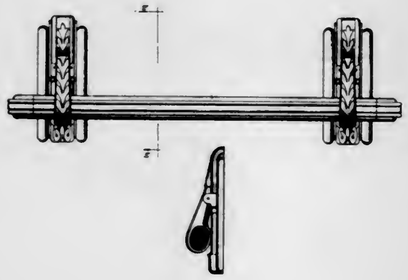
The ornamental design for a handle for a casket or analogous article, as shown.

111,790
DESIGN FOR A CORNER PLATE FOR A CASKET OR ANALOGOUS ARTICLE
Raymond Larson, Chicago, Ill., assignor to Central Metallic Casket Co., Chicago, Ill., a corporation of Illinois
Application March 4, 1938, Serial No. 75,584
Term of patent 7 years



The ornamental design for a corner plate for a casket or analogous article, as shown.

111,791
DESIGN FOR A HANDLE FOR A CASKET OR ANALOGOUS ARTICLE
Raymond Larson, Chicago, Ill., assignor to Central Metallic Casket Co., Chicago, Ill., a corporation of Illinois
Application March 4, 1938, Serial No. 75,585
Term of patent 7 years



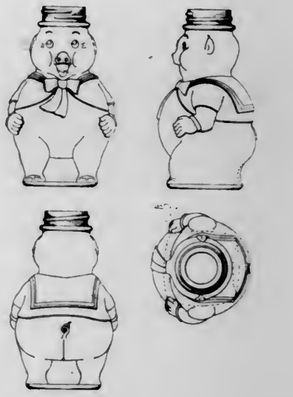
The ornamental design for a handle for a casket or analogous article, as shown.

111,792
DESIGN FOR A COMBINED LAMP AND PIPE RACK
Frank N. Mariani, New York, N. Y.
Application February 26, 1938, Serial No. 75,436
Term of patent 7 years



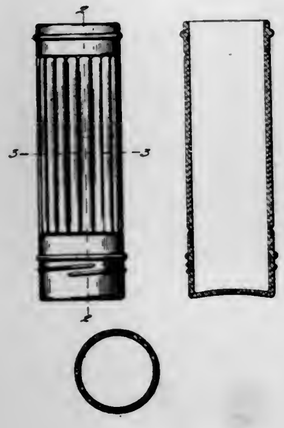
The ornamental design for a combined lamp and pipe rack, substantially as shown.

111,793
DESIGN FOR A BOTTLE
Cecil Clyde Myers, Bartlesville, Okla.
Application June 15, 1938, Serial No. 77,843
Term of patent 7 years



The ornamental design for a bottle, substantially as shown.

111,794
DESIGN FOR A STRAW DISPENSING JAR
Benjamin M. Oswell, Los Angeles, Calif.
Application March 12, 1938, Serial No. 75,776
Term of patent 14 years



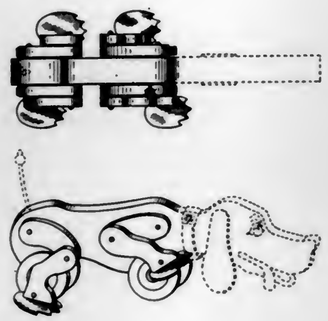
The ornamental design for a straw dispensing jar, as shown and described.

111,795
DESIGN FOR A PHOTOGRAPHIC CARD MOUNT
John E. Russell, Scranton, Pa.
Application March 15, 1938, Serial No. 75,842
Term of patent 7 years



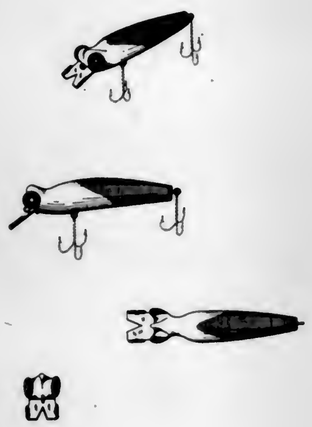
The ornamental design for a photographic card mount, as shown and described.

111,796
DESIGN FOR A FIGURE TOY
Edward S. Savage, Rochester, N. Y.
Application July 6, 1938, Serial No. 78,308
Term of patent 7 years



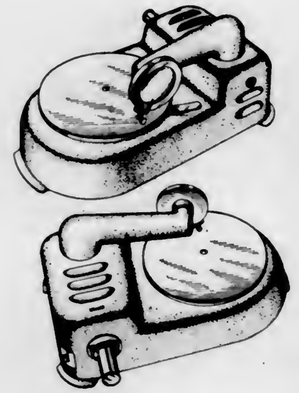
The ornamental design for a figure toy, substantially as shown and described.

111,797
DESIGN FOR A CASTING BAIT
Chester D. Stickrath, Dayton, Ohio
Application March 11, 1938, Serial No. 75,766
Term of patent 7 years



The ornamental design for a casting bait, substantially as shown and described.

111,798
DESIGN FOR A COMBINED PHONOGRAPH AND PICTURE PROJECTOR
Svatopluk C. Volney, New York, N. Y., assignor to American Proca Corporation, a corporation of New York
Application June 13, 1938, Serial No. 77,803
Term of patent 7 years



The ornamental design for a combined phonograph and picture projector, substantially as shown.

111,799
DESIGN FOR A SCHOOL SYMBOL
Matilda F. Warner and Marian Jean Warner, Oakland, Calif.
Application September 1, 1936, Serial No. 64,675
Term of patent 14 years



The ornamental design for a school symbol, as shown and described.

111,800
DESIGN FOR A BLOWPIPE
Lloyd W. Young, Scotch Plains, N. J., assignor to Oxweld Acetylene Company, a corporation of West Virginia
Application February 24, 1938, Serial No. 75,388
Term of patent 14 years



The ornamental design for a blowpipe, substantially as shown.

111,801
DESIGN FOR A DRESS
Jacob Abbate, New York, N. Y.
Application August 23, 1938, Serial No. 79,495
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,802
DESIGN FOR A DRESS
Jacob Abbate, New York, N. Y.
Application August 29, 1938, Serial No. 79,610
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,803
DESIGN FOR A COAT
Perkins H. Bailey, New York, N. Y., assignor to Talon, Inc., Meadville, Pa., a corporation of Pennsylvania
Application January 18, 1938, Serial No. 74,395
Term of patent 14 years



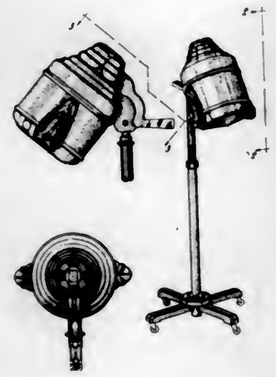
The ornamental design for a coat, as shown and described.

111,804
DESIGN FOR A LINK FOR A FLOOR MAT
Harry W. Bell, Akron, Ohio, assignor to Durable Mat Company, Seattle, Wash., a corporation of Washington
Application December 17, 1937, Serial No. 73,681
Term of patent 7 years



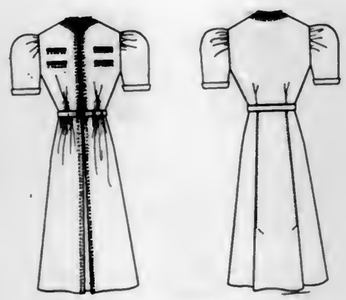
The ornamental design for a link for a floor mat, substantially as shown and described.

111,805
DESIGN FOR A HAIR DRYING APPARATUS
Milton H. Cearn, Chicago, Ill.
Application August 9, 1938, Serial No. 79,198
Term of patent 7 years



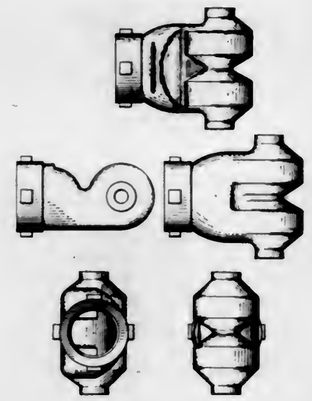
The ornamental design for a hair drying apparatus, as shown and described.

111,806
DESIGN FOR A DRESS
Jacob Dublirer, New York, N. Y.
Application July 29, 1938, Serial No. 78,957
Term of patent 3½ years



The ornamental design for a dress, substantially as shown, and described.

111,807
DESIGN FOR A SPRAY NOZZLE
Edgar Bartram Frame, Philadelphia, Pa., assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa., a corporation of Delaware
Application August 6, 1938, Serial No. 79,152
Term of patent 14 years



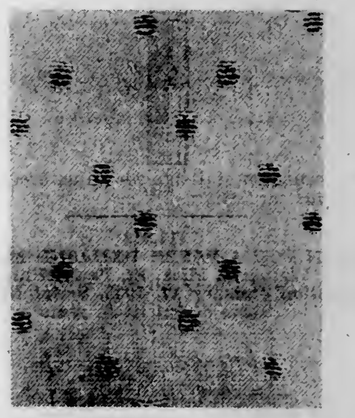
The ornamental design for a spray nozzle, as shown.

111,808
DESIGN FOR A SHOE
Clarence E. Hosker, Watertown, Mass., assignor to Hood Rubber Company, Inc., Watertown, Mass., a corporation of Delaware
Application August 18, 1938, Serial No. 79,424
Term of patent 14 years



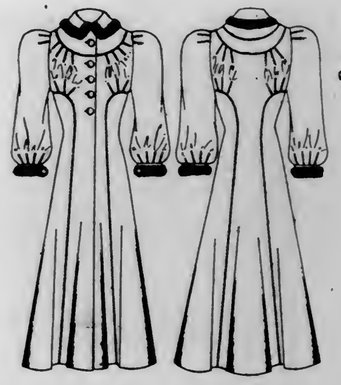
The ornamental design for a shoe, as shown.

111,809
DESIGN FOR A WOVEN TEXTILE FABRIC
Robert L. Kahle, Philadelphia, Pa.
Application June 25, 1938, Serial No. 78,046
Term of patent 3½ years



The ornamental design for a woven textile fabric, substantially as shown and described.

111,810
DESIGN FOR A COAT
Samuel C. Klein, St. Louis, Mo.
Application September 14, 1938, Serial No. 79,875
Term of patent 3½ years



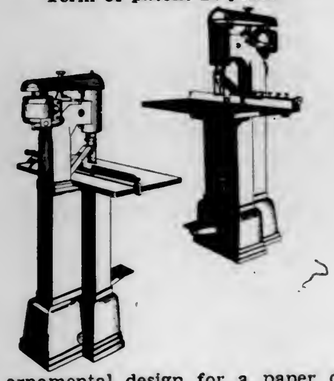
The ornamental design for a coat, substantially as shown.

111,811
DESIGN FOR AN UMBRELLA RIB TIP
Louis Levine, Leominster, Mass.
Application August 17, 1938, Serial No. 79,399
Term of patent 7 years



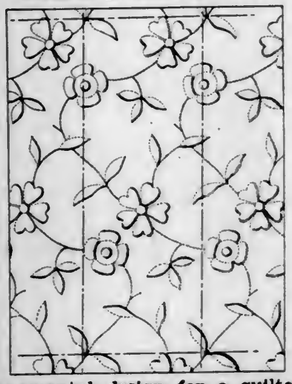
The ornamental design for an umbrella rib tip, as shown.

111,812
DESIGN FOR A PAPER DRILLING MACHINE
Walter K. Mick, St. Paul, Minn.
Application January 17, 1938, Serial No. 74,353
Term of patent 14 years



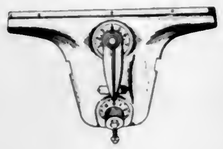
The ornamental design for a paper drilling machine, as shown and described.

111,813
DESIGN FOR A QUILTED FABRIC
William G. Miller, New York, N. Y.
Application September 14, 1938, Serial No. 79,887
Term of patent 3½ years



The ornamental design for a quilted fabric, substantially as shown, and described.

111,814
DESIGN FOR A CONTROL PANEL FOR OUTBOARD MOTORS
John R. Morgan, Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application July 30, 1937, Serial No. 70,745
Term of patent 7 years





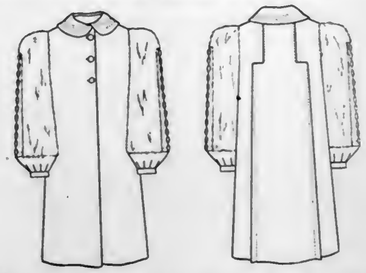
The ornamental design for a control panel for outboard motors, substantially as shown.

111,815
DESIGN FOR FLOOR COVERING
Henry J. Muller, Lancaster, Pa., assignor to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania
Application August 23, 1938, Serial No. 79,503
Term of patent 7 years



The ornamental design for floor covering, as shown.

111,816
DESIGN FOR A COAT
Max L. Romer, New York, N. Y.
Application September 9, 1938, Serial No. 79,805
Term of patent 3½ years



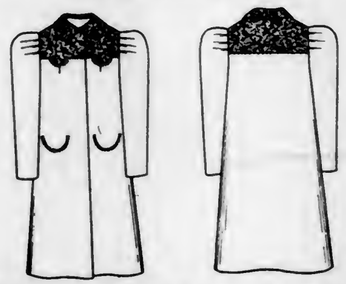
The ornamental design for a coat, substantially as shown and described.

111,817
DESIGN FOR A WATCHCASE
Paul A. Schwankhaus, Dayton, Ky., assignor to The Wadsworth Watch Case Company, Dayton, Ky., a corporation of Kentucky
Application August 15, 1938, Serial No. 79,348
Term of patent 3½ years



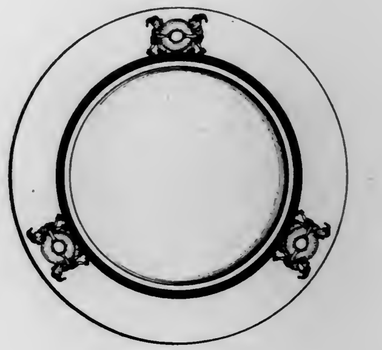
The ornamental design for a watchcase, substantially as shown.

111,818
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application July 29, 1938, Serial No. 78,959
Term of patent 3½ years



The ornamental design for a coat, substantially as shown and described.

111,819
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Adolph Stern, Cleveland, Ohio
Application July 19, 1938, Serial No. 78,584
Term of patent 14 years



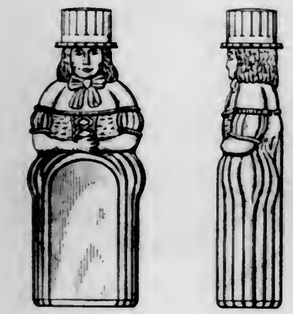
The ornamental design for a plate or similar article, substantially as shown.

111,820
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Mark Turpan, West Englewood, N. J.
Application September 19, 1938, Serial No. 79,984
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown.

111,821
DESIGN FOR A BOTTLE
Jerome L. Wiener, Chicago, Ill., assignor to Beau Peep Products, Chicago, Ill., a partnership composed of Jerome L. Wiener and Frank M. Conklin
Application August 15, 1938, Serial No. 79,342
Term of patent 14 years



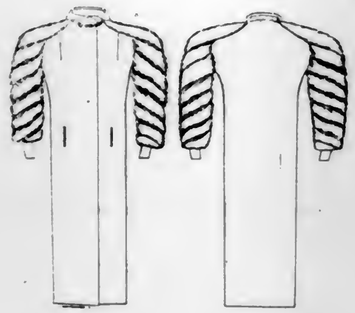
The ornamental design for a bottle, substantially as shown.

111,822
DESIGN FOR A DRESS
Olga Wusits, New York, N. Y.
Application September 9, 1938, Serial No. 79,795
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,823
DESIGN FOR A COAT
David Zelinka, New York, N. Y.
Application July 27, 1938, Serial No. 78,763
Term of patent 3½ years



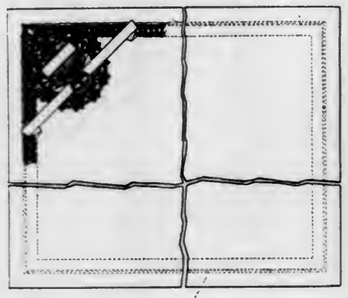
The ornamental design for a coat, substantially as shown and described.

111,824
DESIGN FOR AN EVENING WRAP
Lillian Zucker and Herman Feigenbaum, New York, N. Y.
Application September 16, 1938, Serial No. 79,932
Term of patent 3½ years



The ornamental design for an evening wrap, substantially as shown.

111,825
DESIGN FOR A CHECK OR SIMILAR ARTICLE
Roger Connor, Athens, Ohio, assignor to The McBee Company, Athens, Ohio, a corporation of Ohio
Application March 18, 1938, Serial No. 75,923
Term of patent 14 years



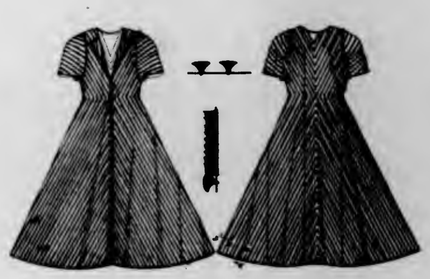
The ornamental design for a check or similar article, as shown and described.

111,826
DESIGN FOR AN END TABLE, OR THE LIKE
Christian Andersen, Redfield, S. Dak.
Application May 16, 1938, Serial No. 77,222
Term of patent 7 years



The ornamental design for an end table, or the like, as shown.

111,827
DESIGN FOR A BEACH COAT OR SIMILAR ARTICLE
Leonard C. Asch, New York, N. Y., assignor of one-half to Polly Prentiss, Inc., Sumter, S. C., a corporation of South Carolina and one-half to Asbury-Prentiss, Inc., Sumter, S. C., a corporation of South Carolina
Application August 2, 1938, Serial No. 79,044
Term of patent 7 years



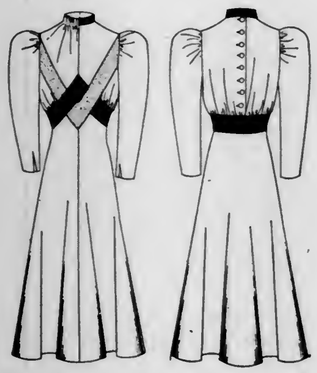
The ornamental design for a beach coat or similar article, as shown and described.

111,828
DESIGN FOR A DRESS
Mark Cohn, New York, N. Y.
Application September 15, 1938, Serial No. 79,907
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,829
DESIGN FOR A DRESS
Tora Coleman, New York, N. Y.
Application September 15, 1938, Serial No. 79,898
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,830
DESIGN FOR A DRESS
Tora Coleman, New York, N. Y.
Application September 15, 1938, Serial No. 79,899
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,831
DESIGN FOR A DRESS
Tora Coleman, New York, N. Y.
Application September 22, 1938, Serial No. 80,028
Term of patent 3½ years



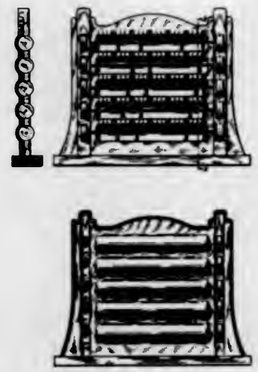
The ornamental design for a dress, substantially as shown.

111,832
DESIGN FOR A DRESS
Tora Coleman, New York, N. Y.
Application September 22, 1938, Serial No. 80,029
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,833
DESIGN FOR A RADIO PROGRAM REMINDER
Charles A. Conkle, Atlantic City, N. J.
Application February 3, 1937, Serial No. 67,424
Term of patent 7 years



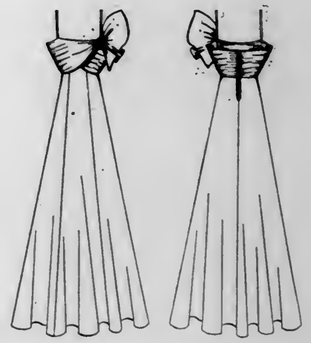
The ornamental design for a radio program reminder, as shown.

111,834
DESIGN FOR A DRESS
Alice Engel, New York, N. Y.
Application September 14, 1938, Serial No. 79,885
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,835
DESIGN FOR A DRESS
Benjamin Fried, New York, N. Y.
Application September 19, 1938, Serial No. 79,965
Term of patent 3½ years



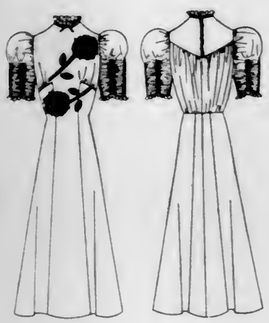
The ornamental design for a dress, substantially as shown.

111,836
DESIGN FOR A GEAR SHIFT LEVER HANDLE
Henry W. Hey, Richmond, Va., assignor to Automatic Shifters, Inc., Richmond, Va., a corporation of Virginia
Application August 10, 1938, Serial No. 79,221
Term of patent 14 years



The ornamental design for a gear shift lever handle, as shown.

111,837
DESIGN FOR A DRESS
Samuel C. Klein, St. Louis, Mo.
Application September 15, 1938, Serial No. 79,901
Term of patent 3½ years



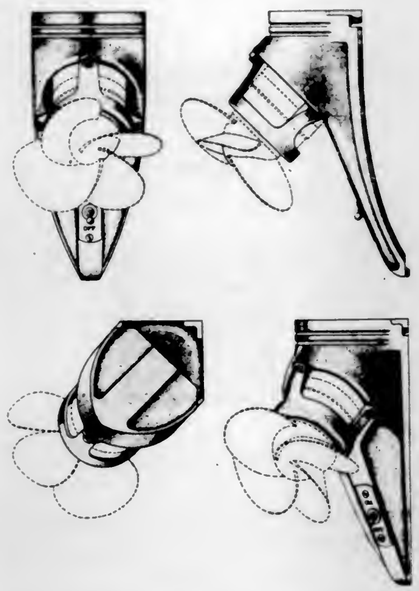
The ornamental design for a dress, substantially as shown.

111,838
DESIGN FOR A TEXTILE FABRIC
Louis Lazare, New York, N. Y.
Application July 15, 1938, Serial No. 78,491
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown.

111,839
DESIGN FOR AN ELECTRIC FAN
George R. Lum, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application April 28, 1938, Serial No. 76,795
Term of patent 14 years



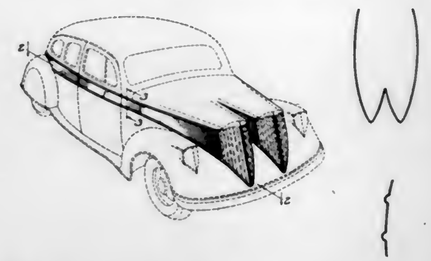
The ornamental design for an electric fan, as shown.

111,840
DESIGN FOR AN AUTOMOBILE
Willard L. Morrison, Lake Forest, Ill.
Application October 21, 1936, Serial No. 65,392
Term of patent 7 years



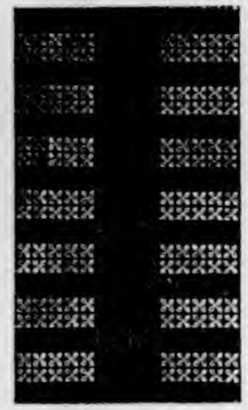
The ornamental design for an automobile substantially as shown and described.

111,841
DESIGN FOR AN AUTOMOBILE
Willard L. Morrison, Lake Forest, Ill.
Application October 21, 1936, Serial No. 65,394
Term of patent 7 years



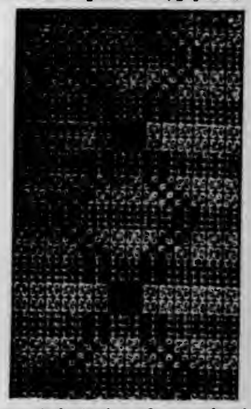
The ornamental design for an automobile, substantially as shown and described.

111,842
DESIGN FOR EMBROIDERED LACE
Martin Seidel, Bogota, N. J.
Application August 16, 1938, Serial No. 79,367
Term of patent 3½ years



The ornamental design for embroidered lace, as shown and described.

111,843
DESIGN FOR EMBROIDERED LACE
Martin Seidel, Bogota, N. J.
Application August 16, 1938, Serial No. 79,368
Term of patent 3½ years



The ornamental design for embroidered lace, as shown and described.

111,844
DESIGN FOR A DRESS
Mollie Stone, New York, N. Y.
Application September 13, 1938, Serial No. 79,857
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

Patents Nos. 2,133,941 to 2,134,678

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October 25, 1938

Trade-Marks	172—No.	361,559 to No.	361,730, inclusive.
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Labels	31—No.	51,977 to No.	52,007, inclusive.
Prints	13—No.	17,089 to No.	17,101, inclusive.
Reissues	8—No.	20,892 to No.	20,899, inclusive.
Plant Patents	4—No.	296 to No.	299, inclusive.
Patents	738—No.	2,133,941 to No.	2,134,678, inclusive.
Designs	103—No.	111,845 to No.	111,947, inclusive.
Total	1,090		

Adjudicated Patents

(D. C. W. Va.) Potthoff patent, No. 1,475,198, for electroplating apparatus, claims 5, 9, 19, 20, and 21, *Held* invalid. *Hanson-Van Winkle-Munning Co.* v. *U. S. Galvanizing & Plating Equipment Corporation*, 24 F. Supp. 249.

(C. C. A. Okla.) Dillon patent, No. 1,789,379, for pipe coupling, claim 11, *Held* not infringed. *Dillon Co.* v. *Continental Supply Co.*, 98 F.(2d) 581.

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 2,036,265, H. J. L. Frank and W. A. Harper, Electrical distribution system, decided September 14, 1938, claims 1, 2, 3, 4, and 5.

Pat. 2,108,009, F. P. Miller and L. Skeel, Slide fastener, decided October 1, 1938, claims 1, 2, 3, 4, 5, 6 and 7.

Disclaimers

1,708,458.—*Andrew V. D. Willgoos*, West Hartford, Conn. Internal-Combustion Engine. Patent dated April 9, 1929. Disclaimer filed October 1, 1938, by the assignee, *United Aircraft Corporation*.

Hereby enters this disclaimer to claim 6 of the patent specification.

1,918,173.—*Burnice D. Bedford*, Schenectady, N. Y. Phase Shifting Circuits. Patent dated July 11, 1933. Disclaimer filed September 28, 1938, by the assignee, *General Electric Company*.

Hereby enters this disclaimer to claims 16 and 20 of the aforesaid patent.

2,103,288.—*Wilber V. Hunt*, North Acton, Mass. Method and Apparatus for Killing Poultry. Patent dated December 28, 1937. Disclaimer filed September 30, 1938, by the patentee.

Hereby enters this disclaimer to claim 17 in said specification.

Trade-Mark Registrations Canceled

69,855. Canned salmon. North Alaska Salmon Co., San Francisco, Calif. Registered July 14, 1908. Renewed July 14, 1928. Canceled September 30, 1938.

164,859. Sleeping garments. Fort Dummer Mills, Brattleboro, Vt. Registered February 27, 1923. Canceled September 30, 1938.

261,754. Ladies' hosiery. E. W. Bruno, Inc., New York, N. Y. Registered September 24, 1929. Canceled September 30, 1938.

326,891. Gin, whiskey, and brandy. Scottish Importing Corp., Kansas City, Mo., now by change of name Hepburn & Ross, Incorporated. Registered August 6, 1935. Canceled September 16, 1938.

334,997. Gin, whiskey, and brandy. Wolcott Distilling Company, Inc., Rochester, N. Y. Registered May 19, 1936. Canceled September 30, 1938.

355,371. Shoes. Kleven Shoe Co., Spencer, Mass. Registered March 15, 1938. Canceled September 30, 1938.

360,184. Fuel oils. Cities Service Asphalt Company, New York, N. Y. Registered September 6, 1938. Canceled September 30, 1938.

Condition of Applications Under Examination at Close of Business October 8, 1938

(Total number of applications awaiting action, excluding Trade-Mark Division, 49,343; Trade-Mark Division, 1,399. Oldest new case, Dec. 28, 1937; oldest amended, Jan. 7, 1938.)
(The dates given are 1938 except where † indicates 1937)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
5624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Apr. 12	Apr. 21	867
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	May 6	Apr. 30	1,042
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	July 12	July 1	482
7083	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	May 20	May 26	571
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	July 9	July 8	596
4896C	6. LEWERS, A. M., Carbon Chemistry (part)	Apr. 7	Apr. 7	1,254
6725	7. JARBOE, C. G., Optics; Photography	July 1	July 2	956
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	May 21	May 9	932
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	July 5	July 6	823
5612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies and Tops; Vehicle Fenders; Spring Devices.	May 28	May 31	722
5087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	June 10	June 10	538
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	Feb. 14	Feb. 4	866
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	May 25	May 25	591
5097	14. SMITH G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	July 19	July 20	470
4897	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	May 23	May 23	1,175
5716	16. SPENCER, C. J., Telegraphy; Telephony	Apr. 20	Apr. 17	937
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	May 14	May 16	783
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	May 2	Apr. 25	591
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	May 6	May 18	780
6605	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	June 15	June 14	527
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	July 7	July 1	471
5600	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults and Targets; Boats and Buoys; Ships; Marine Propulsion.	June 23	June 23	654
7624	23. BUTTNER, W. J., Registers (part)	†Dec. 28	Jan. 7	339
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	July 8	July 10	608
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	June 9	June 4	647
5893	26. YOUNG, R. R., Electricity, Generation; Motive Power	June 11	June 9	581
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Apr. 2	Apr. 5	1,229
4628	28. SOLYOM, H. L., Internal-Combustion Engines	May 10	May 9	559
5062	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Apr. 25	Apr. 23	865
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Apr. 7	Apr. 2	911
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	July 8	July 8	669
4066	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	June 13	June 15	631
5096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	May 18	May 31	909
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	June 9	June 11	379
3876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	May 25	May 25	813
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Apr. 22	May 13	660
5886B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Mar. 25	Mar. 25	1,010
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stone-working; Wells; Plastic Compositions.	Mar. 3	Mar. 5	824
4878	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	May 10	May 10	664
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	May 3	May 2	1,496
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	June 13	June 22	288
5882	42. CUTTING, H. O., Electric Signaling	Mar. 5	Feb. 15	884
4886B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	June 17	June 9	542
4087B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	May 11	May 11	756
7093	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	May 2	May 23	846
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	May 4	May 14	682
6082	47. LOWE, E. R. (Act.), Clutches; Brakes	May 25	May 27	690
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	June 18	June 18	559
7725	49. SHEFFIELD, E. L., Obeck-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Mar. 14	Mar. 21	1,059
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Apr. 26	Apr. 26	1,093
5628	51. BACKUS, C. D., Radiant Energy	June 28	June 28	854
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	July 12	July 8	815
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	June 15	June 16	645
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	July 13	July 12	509
6883	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Apr. 8	Apr. 9	1,312
4725	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	May 8	May 9	1,086
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	May 27	May 30	532
6605	58. DOWELL, E. F., Abrading; Bottles and Jars	June 9	June 18	393
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	June 7	June 16	764
5806	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	May 20	May 20	535
6724	61. PARKS, G. E., Laminated Electrical Insulation; Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Apr. 22	Apr. 23	700
5621	62. PUGH, E. C., Games; Geometrical Instruments	June 28	June 22	632
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	June 8	June 20	508
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	May 17	May 17	1,118
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Apr. 19	Apr. 12	721
2699B	Trade-Marks, Labels, and Prints: F. A. RICHMOND {Trade-Marks	Sept. 7	Sept. 10	1,284
	{Labels and Prints	Sept. 20	Sept. 28	115
2605	Designs: H. H. KALUPY	Aug. 29	Sept. 23	698

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Appeals for the District of Columbia

Fessenden v. Coe, Commissioner of Patents

No. 6,916. Decided August 22, 1938

1. Patentability—Previous Allowance of Identical Claims to Another—Effect of.

Where certain claims sought by applicant were identical with claims appearing in a patent to another, *Held* that while the previous allowance of the claims may have persuasive value on the question of the patentability thereof to the applicant, it is not controlling and *Held* that it was proper for the Patent Office to refuse the claims to the applicant if upon mature consideration they were deemed unpatentable in view of prior art.

2. Same—High Tension Insulator.

Claims for a high tension insulator *Held* unpatentable over the prior art.

Appeal from the District Court of the United States for the District of Columbia. Affirmed.

Mr. Ezekiel Wolf and *Mr. I. R. Paris* for Fessenden.

Mr. R. F. Whitehead and *Mr. W. W. Cochran* for the Commissioner of Patents.

Before Groner, Chief Justice, and Stephens and Edgerton, Associate Justices

Stephens, *A. J.:*

This is an appeal from an order of the District Court of the United States for the District of Columbia dismissing, after a hearing on the merits, a bill of complaint filed by the appellant under Rev. Stat. § 4915, as amended. The appellant Fessenden, hereafter referred to as Fessenden, sought by the bill to compel the appellee, the United States Commissioner of Patents, hereafter referred to as the Commissioner, to issue a patent on Fessenden's application No. 532,488 for a patent on high tension insulators.

In the Patent Office the Board of Appeals had rejected all of Fessenden's claims as not patentable over the prior art, and claims 5, 9, 23, and 24 upon the additional ground that they were not disclosed by the application. In the trial court the only claims urged were 5, 6, 9, 10, 11, 14, 15, 16, 23, and 24; the court determined that there was a sufficient disclosure as to claims 5, 9, 23, and 24, but that none of the claims were patentable over the prior art.

At the argument upon the appeal and by memorandum thereafter filed, Fessenden by his counsel abandoned the appeal as to all of his claims except 5, 23, and 24. No objection seems to be made by the Commissioner to the ruling of the trial court that these claims were sufficiently disclosed by the application. The questions on the appeal are therefore reduced to the one, whether or not the trial court erred in holding claims 5, 23, and 24 not patentable over the prior art. Among other considerations urged below and here in respect of this issue is the proposition that Fessenden's claims 23 and 24 are identical with claims 1 and 5 in the application of one Frank W. Peek, Jr., No. 440,154, and that Peek was granted a patent, No. 1,741,333, on those claims over Fortescue, No. 1,259,385, one of the references held by the Board of Appeals to anticipate Fessenden.

Fessenden's claims 5, 23, and 24 read as follows:

5. In high tension insulators, a conductor to be insulated, an insulator string embodying a plurality of small capacity insulators connected in series, and a potential equalizing conductor electrically connected with said conductor to be insulated and spatially related to a unit of said insulator string in immediate proximity to said conductor to be insulated, whereby said unit is relieved from undue electrical stress and such stress distributed across the units of the string, and whereby said conductor to be insulated is thereby enabled to withstand a higher voltage.

23. A string of more than two interconnected insulating units adapted to support an electrical conductor, said string being provided with electrostatic flux controlling means conductively connected to the conductor and proportioned and situated about the insulating units so as substantially to compensate directly for the leakage electrostatic flux of the string, whereby uniform voltage distribution results.

24. The combination with a line conductor of a plurality of insulating units joined in a string by metallic connections and supporting said conductor, and a conducting member conductively connected to said line conductor and proportioned and located in the electric field adjacent the line end of said string to supply directly to each unit a capacitance current substantially equal to the capacitance current from the unit to the ground.

It appears from Fessenden's specification, which included a diagram the pertinent portion of which we reproduce herein as Illustration A, that in certain wireless work he had been faced with the problem of insulating voltages as high as a million volts, the insulators then in common use being for voltages of about fifty thousand. Transmission line insulators for the latter voltages were unsatisfactory because of their weight and the large charging current required by them. Fessenden, through mathematical and experimental work:

> . . . ascertained and discovered that the difficulty with the standard insulators was that they were too large and had too much capacity to each other and to ground, and had other defects; and was led to invent a new type of insulator, consisting of a string of small capacity insulators in series with each other. . . .
>
> Still further pursuing his researches, applicant found that on account of the uneven distribution of the lines of force in strings of such insulators, there was a tendency for the first insulator in the string to break down before the others, owing to excessive strain on that insulator; and that when this occurred, the excessive strain was transferred to the next, so that they all broke down, one after the other, like a pack of cards falling down.
>
> Applicant discovered (Scientific American, April 30th, 1921) that this could be overcome by putting stress equalizing means, in the form of shields, in the neighborhood of the insulators, & that the stresses could be equalized and the insulators would break down substantially simultaneously.
>
> The shape of these shields can be calculated mathematically . . . But in most cases it is sufficient and easier to determine the shape experimentally.

Fessenden's insulator is composed of a string of insulating units of small capacity (13, 13, 13, 13, in Figure 1 of Illustration A and 14, 14, 14, 14 in Figure 2) joined in series by metallic conductors (12, 12, 12 in Figure 1 and 15, 15, 15 in Figure 2) with electrostatic shields (17, 17 in Figure 1 and 18 in Figure 2) in the form of rings of circular torus

section as shown in Figure 1, and of a barrel of sheet iron as shown in Figure 2. The specification

Illustration A

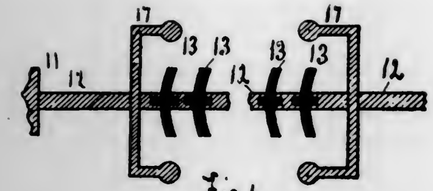


Fig 1.

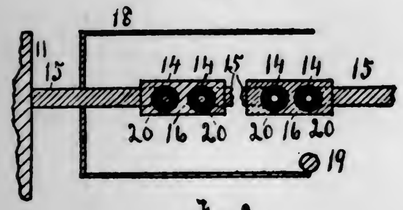


Fig 2.

showed the shield (18 in Figure 2) as having a rounded lip, 19.

An expert witness, Dr. Greenleaf Whittier Pickard, testified in behalf of Fessenden. After explaining the specification and the operation of the insulator, Dr. Pickard said:

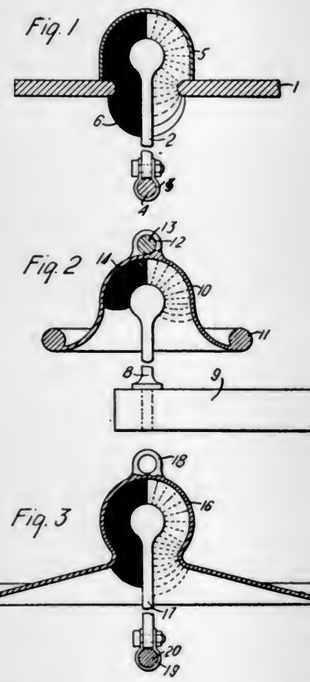
> The object of these conducting members [the shields] and their disposition is to change the distribution of current so that the field or strain is distributed more uniformly over the string of insulators and so that each insulator in the string is made to carry its proper load. The field existing between two separated charged bodies, such, for example, as a high tension high transmission line on the one hand and ground on the other, while invisible, takes the form or shape of the familiar field between the poles of a magnet, which may be made evident by iron filings, as every schoolboy knows. That is, it consists of a concentration of lines of force or field at the magnet poles which spreads out, becomes less dense, that is, in the space between.
>
> So, referring to Figure 1, if we were to remove the metallic elements or shields, 17, and were to impress a higher difference of potential of voltage between the metal or conducting terminals, 12—12, we would have a field in space around the insulators, 13, which would be concentrated at the end structures, right and left in the drawing, and would be diffused or weaker in the space surrounded and passing through the ones in the middle. That would mean that the end structures would be subjected to a greater difference in potential than the middle insulating structures, and so would be more apt to fail or break down or "flash over", as the technical phrase is. The same of course is true in the structure shown in Figure 2, which is merely a different form.

Dr. Pickard also explained that in order to function the shields would have to be connected to points of opposite potential, that is, the ground upon one side and the high tension line upon the other. He then continued:

> The operative part of the shield, 17, in Figure 1, so far as the protection of the insulator string inside is concerned, is the rings shown at the right hand side of the left hand Figure 17 support and the left hand side of the right hand Figure 17 shield, because the electrostatic field produced by these shields is principally centered upon the adjacent ring terminals of these shields.

The references upon which Fessenden's application was denied in the Patent Office and upon the basis of which the trial court found the application unpatentable over the prior art were Randall et al., No. 1,129,521, Fortescue, No. 1,259,385, and Thordarson, No. 1,288,751. It is necessary to discuss only the first two. The patent to Randall was for a single insulator as distinguished from a string insulator with a plurality of units. This patent was originally significant in two aspects: first, in that the individual units of the insulator of Fortescue, which we will hereafter discuss as the most important reference, are like the Randall single insulator; and second, in disclosing the use of a rounded rim on a shield. The second aspect we need not now consider because it was involved only under the claims abandoned by Fessenden. The Randall insulator is described in the specification in terms of a diagram, which we reproduce herein as Illustration B, as follows:

Illustration B



One-half of the insulating body is shown in each of the figures in cross-section, and the electric field existing in the insulating body is represented in the other half by broken lines.

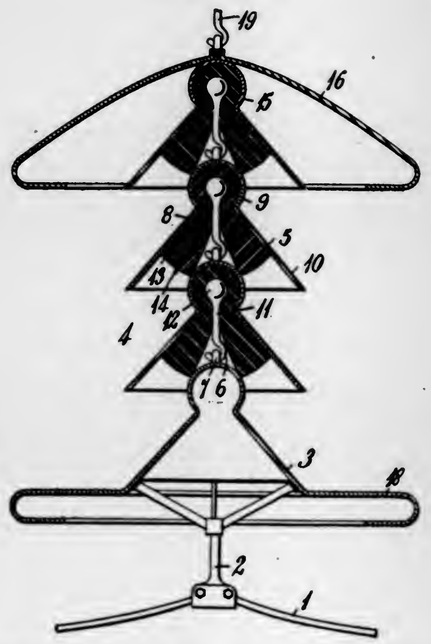
In the device of Fig. 1, a conducting plate 1, or other suitable supporting structure, is provided with an aperture through which a rod 2 projects, the upper end of the rod being enlarged, and being preferably in the form of a sphere. The lower end of the rod 2 is provided with a clamp 3 whereby a conductor or line wire 4 is secured to and supported by the said rod. The upper end of the rod is surrounded by a cap or shield 5, the main portion of which is preferably substantially spherical and the inner face of which is substantially parallel to the enlarged upper end of the rod 2. The cap or shield 5 is preferably secured to the supporting plate 1. The space within the cap or shield 5, between it and the rod 2, is filled with a suitable insulating compound or body 6 that is extended so as to surround a part of the rod 2 below the supporting plate 1, the exposed portions of the said body being shaped to substantially conform to the direction of the lines of force of the static field existing between the rod 2 and the surrounding conducting parts. The cap or shield 5 protects the insulating body from the weather and also mechanically guards it, and it is so shaped as to influence the electric field in the insulating body. In the preferred form of the device, the shield is so shaped relatively to the enlarged end of the rod 2 as to cause the lines of force of the said field, or the greater portion thereof, to be straight, whereas the lines of force representing the field between the diverging portions of the rod and the surrounding parts is curved, all substantially as represented in the right-hand portion of Fig. 1.

More briefly stated, the Randall patent discloses the use of a metallic shield or cap—to which we hereafter, for convenience in differentiating it from the larger terminal shields of Fortescue and Fessenden, refer as cap rather than shield—purposed to influence as a conductor and because of its shape the electrostatic field within the insulating material proper; and the patent also discloses the idea of shaping such part of the insulating material as is outside the cap so that it will conform to the direction of the lines of force of the electrical field existing between the rod which extends into the center of the insulator and the surrounding conducting parts. Discussing this aspect of the Randall insulator, Dr. Pickard said:

> There is no question at all of the utility and value of this Randall patent. It does precisely what it claims. It has value for a single insulator, and so in itself is not relevant to the Fessenden application in which two or more insulators in series or in a string are specified.

The specification of the Fortescue patent, which includes a diagram which we reproduce herein as Illustration C, discloses a suspension-type insulator

Illustration C



consisting of a string of Randall type insulator units with two terminal shields, 16 and 18. Fortescue had recognized the problem presented by unequal distribution of the electrical stress along the units of a string insulator, and in respect of this said in his specification:

> My invention comprises a system of condensers connected in series relation to enhance the insulating properties of which, it is highly desirable to obtain uniform divisions of potential difference between the elements 5. In order to increase the insulation strength of my insulator, the external electrostatic field surrounding the same should be so distributed as to insure a substantially uniform surface distribution of the electrostatic stresses imposed thereupon. For this purpose, I have provided an upper conducting member 15 having a conducting extension 16 of discoidal shape and a lower conducting member 13 having a conducting extension 18 of discoidal shape.
>
> It is desirable, for maximum efficiency, and in order that my improved insulator may be of minimum length, that the external electrostatic field be substantially uniform and agree with the division of potential between the individual elements 5 comprised in the structure 4. The electrodes 16 and 18 are provided to approximate the result which would be obtained by bounding the insulating support 4 by infinite parallel conducting planes perpendicular to the axis of the insulator. As above mentioned, this will effect a substantially uniform distribution of the electrostatic field external to, and surrounding, the insulator 4.

It will be sufficient to consider the effect of the references largely in terms of Fessenden's claim 5—this for the reason that claims 5, 23, and 24 are, although couched in somewhat different terms, substantially similar except for the fact that claim 5 recites "a plurality of small capacity insulators connected in series" while 23 and 24 do not refer to the capacity of the insulators. Since the Randall patent does not disclose a string insulator with a terminal shield or shields designed to equalize the electrostatic pressure along a string of units, it need not be discussed except as we comment upon it in explaining and commenting upon Fortescue. We have to determine finally therefore only whether Fortescue anticipates Fessenden.

It appears from the foregoing description of the Fessenden application and the Fortescue patent that they are alike in the following three respects: each deals with a high potential conductor to be insulated; each discloses a string of insulating units; and each discloses the use of a conducting member or members, in the form of a shield, purposed to influence the electrostatic field surrounding the insulator in a manner resulting in equalization of the electrostatic stress along the several units of the insulator with consequent elimination of undue stress upon the first and last units of the string. No emphasis is placed by either Fessenden or the Commissioner upon the disclosure in both Fessenden and Fortescue of the string type of insulator as distinguished from an individual unit insulator. The position of the Commissioner is that Fortescue anticipates Fessenden because of the third similarity just stated. But Fessenden contends that there are three material differences between his claims and the disclosure of Fortescue.

Fessenden points out first that the units of the Fortescue insulator have individual metallic caps which are conductors having a certain potential, and that these influence the electrostatic field within the insulating material as explained in Randall, whereas Fessenden's claim 5 makes use of no such caps; and Fessenden contends that on this account the terminal shields of Fortescue do not operate as does his own shield. Admitting that Fortescue's shields accomplish the same ultimate result as the shield of Fessenden, Dr. Pickard nevertheless, in

respect of the difference thus urged by Fessenden, testified:

The Fortescue arrangement differs from that arrangement shown and claimed in the Fessenden application in two ways. In the first place, the equalization of strain on the separate insulator units of Fortescue is not accomplished directly by the end shields or elements 16—18. It is accomplished, if at all, indirectly; that is, by the conjoint action of these shields, 16 and 18, and the smaller or individual insulator shields.

But Dr. Pickard further said upon the same subject:

Now, referring to Fortescue, the flux is not distributed throughout the series. It is a step-by-step matter. The distribution by the shields 16 and 18 is not on the surfaces or through the insulators themselves directly; it is, first, to the opposed faces of the inner shields acting in conjunction with the end shields 16 and 18. The potential is not uniformly distributed or adjusted or equalized in Fortescue across the string of insulators themselves. It is adjusted step by step across these inner shields.

The Court. Does he prevent the collapse of the outer insulator and thus a progressive collapse of all of them?

The Witness. He would get that result because he does state in the specification and show in the drawing a means of adjusting the potential across these units as a whole, so that the end units in Fortescue bear approximately the same strain or have the same voltage across them as the inner units.

The Court. In the instant patent it arrived at that result in what way? Just tell me that again, please.

The Witness. Fessenden reaches that result directly, namely, by equalizing the field or distributing the electrical strain uniformly across every part of the insulator string; so that referring to the insulator string in Fessenden, the field outside of and through the insulators themselves is made equal at all points. In Fortescue the equalization is not across the entire line or at all points.

The Court. At the same time?

The Witness. At the same time. It is step by step; that is, across each of these metal units first. Then the voltage is transferred to the insulator itself. In Fortescue it requires the conjoint action of the end shields and the inner shields, whereas in Fessenden the end shields do the whole work.

We think it fairly appears from the whole of the testimony of Dr. Pickard upon this topic that the effect of the terminal shields in Fortescue is to equalize the electrostatic stress across the faces of the insulator units in the string and that this is substantially what the shield in Fessenden accomplishes, and we think it fairly appears further that the equalizing process is effectuated in Fortescue by the terminal shields alone and that the only function of the caps upon the insulator units in Fortescue is to transfer the equalized voltage to the insulator material itself in the manner and with the effect described in Randall. We conclude therefore that the function of the caps of the insulator units in Fortescue cannot be said so to differentiate Fortescue from Fessenden as to avoid anticipation by Fortescue in respect of the structure and effect of the terminal shields in Fortescue and the terminal shield of Fessenden.

Fessenden urges as a second material difference between his claim 5 and Fortescue that the insulating units of claim 5 are all low capacity whereas those of the Fortescue patent are, because of the caps upon them, of high capacity. On this subject Dr. Pickard testified:

Secondly, the Fortescue insulator elements are elements of high capacity. They are of high capacity because the insulators with the metal members form condensers, and condensers in which the metal or conducting armatures or plates of the condenser are relatively of large area and of relatively small separation through the dielectric or insulator. So in consequence this type of insulator would have a high charging current when used on a power transmission line, and a still higher charging current or displacement current through the string when used at the higher frequencies of radio.

But Dr. Pickard also testified that the small capacity type of string insulator units were not in themselves part of the invention claimed by Fessenden. In respect of this Fessenden seems again to contend that Fortescue could not accomplish the effect of equalizing the electrostatic stress without the metallic caps upon the insulator units, which caps as pointed out necessarily cause the units to be of high capacity. But as we have already said, the sole function of the caps is to transfer the voltage to the insulator material itself after the terminal shields have accomplished their effect of equalization.

[1] Fessenden urges as a third difference that Fortescue makes use of two terminal conducting shields, one connected to line and hence at line potential, and the other to ground, whereas Fessenden's claim 5 mentions only one shield conductively connected to line. From the specification and Figures 1 and 2 of Illustration A and from the testimony of Dr. Pickard, it appears that Fessenden contemplated the possible use of either two terminal shields (Figure 1), or of only one shield (Figure 2). However, since claims 5, 23, and 24 refer to but one shield, we shall assume for the purpose of the immediate discussion that but one shield is contemplated. Peek, who as above set forth was granted a patent for certain claims identical with Fessenden's claims 23 and 24, relied on this same difference in the number of shields in distinguishing his claims from Fortescue. It appears from Fessenden's brief that Peek explained that his single shield conductively connected to line and at line potential operated to supply to each unit of the insulator string a capacitance current equal to the capacitance current between the unit and the ground, thus neutralizing the effect of the latter current and thereby causing a substantially uniform distribution of potential between the units of the string; and Peek urged that Fortescue required his two terminal shields to be large enough to approximate the effect of two infinite parallel conducting planes, perpendicular to the axis of the insulator string, which would completely shield the insulator units from the electrical effect of the ground; according to Peek, this caused a more or less uniform electrostatic field to exist between the parallel planes and resulted in an absence of capacitance currents between the insulator units and the ground; and Peek contended and apparently convinced the Patent Office that the structure and principle of Fortescue's device thus sufficiently differed from his to justify a patent over Fortescue. Fessenden vigorously urges therefore that consistency requires the allowance at least of his claims 23 and 24 as patentable over Fortescue because they are identical—and it is so stipulated—with Peek's claims. But while the decision of the Patent Office on the Peek application and the reasons underlying the decision may have persuasive value on the question of the patentability of Fessenden's claims, the decision is not controlling. Two wrongs cannot make a right. It was proper for the Commissioner to reject Fessenden's claims 23 and 24 as anticipated by Fortescue, notwithstanding that identical claims had been patented to Peek over Fortescue, if upon mature consideration he concluded such claims to be not properly patentable over Fortescue. This point has been definitely determined for this jurisdiction in *In re Orcutt*, 32 App. D. C. 345 (1909), 141 O. G. 567.

And we think that the action by the Patent Office on the Fessenden application was correct. Peek and Fessenden on the one hand and Fortescue on the other accomplish an identical result of equalizing electrostatic stress along the units of a string insulator, and each does so by the introduction into the electrostatic field of a conductor or conductors. The difference between Peek and Fessenden on the one hand and Fortescue on the other is we think rather a difference in the inventors' rationalizations or explanations of the effect produced, whether by one or two conductors, than such a difference in structure as has material relation to the effect obtained.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE MCKEE

No. 3,939. Decided March 28, 1938

[95 F.(2d) 267]

PATENTABILITY—MEAT AND METHOD OF COOKING SAME.

Claims to a method of cooking meat and claims to the resulting product *Held* unpatentable over the prior art.

APPEAL from Patent Office. Affirmed.

Mr. Roy W. Johns for McKee.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

JACKSON, *J.*:

This is an appeal from a decision of the Board of Appeals of the United States Patent Office which affirmed rejection by the Examiner of process claims 7 to 9, inclusive, 21, 22, 26, 39, and 40, together with product claims 33 to 38, inclusive. Four process claims but no product claims were allowed.

Claims 7, 22, and 33 are illustrative, and are as follows:

7. The method of treating meat which comprises thoroughly cooking and simultaneously smoking in a saturated atmosphere.

22. The method of cooking ham which comprises thoroughly cooking the meat by subjecting the meat simultaneously to the action of heat and smoke in a humid atmosphere, the action of the heat being continued for a relatively longer period than is usual for cooking meat.

33. As a new article of manufacture, ham which is thoroughly cooked having a distinctive combination of flavor and tenderness which flavor and tenderness is the characteristic result of subjecting the ham to the combined, simultaneous action of heat and smoke in a humid atmosphere for a relatively longer period than is usual for cooking ham.

The reference relied upon is Rutherford, 1,837,924, December 22, 1931.

The invention relates to a method of cooking meat and to the resulting product. The Examiner has properly described the method as follows:

This case relates to the production of cooked, smoked meat products, described as exceptionally tender and having unusual flavor. In the practice of the invention, hams pickled in the usual manner are placed in a smoke house in which the air is raised to a temperature of 190–195° F. Humidity is raised to the saturation point by introducing steam in the smoke house. Smoke is applied simultaneously. The temperature, humidity, and smoke conditions are maintained until the inside temperature of the hams reaches about 125° F., requiring from three to six hours. The air temperature is then reduced to 160–165° F. and the humidity correspondingly lowered, but maintained at the saturation point. These conditions are maintained for an additional ten to thirteen hours, making the total cooking time an average of sixteen hours. The hams are then removed from the smoke house, being then chilled and treated in the usual manner.

Applicant points out the instant cooking procedure requires a cooking period two to three times longer and temperatures 10 to 35° higher than in any cooking schedule used in the past, which produces the unusual results above mentioned. It is also pointed out by applicant that hams cooked for as long a period as the instant product by ordinary methods would be overcooked.

The patent to Rutherford discloses an apparatus for the simultaneous use of heat, smoke, and steam in the cooking of meat. This manner of cooking, the patent states, prevents the food from shrinking and from becoming crisp and dry, and provides for the penetration of the heat and smoke flavor into the food resulting thereby in a highly improved and most appetizing barbecued food product.

A careful examination of the description in the application convinces us that the Examiner correctly concluded that the critical factors which bring about the improvement in flavor and increased tenderness in the product are:

1. The combination of (*a*) high temperature, (*b*) high humidity, and (*c*) smoke.
2. The use of relatively high temperatures in the first cooking stage to produce, due to the high temperature and high humidity, a gelatin coating on the ham, which acts to seal in the moisture and natural flavors, thus bringing about the results sought.
3. The use of lower temperatures in conjunction with the relatively extreme cooking period in the final cooking stage.

None of the rejected process claims include all of the steps held to be critical and consequently do not set forth definitely appellant's invention. Claims 8, 9, 26, and 40 do not include the step of subjecting the meat to smoke. Claims 7, 21, and 22 do not include the step of using relatively high temperature and high humidity to produce the gelatin coating, and also omit the third step—the use of lower temperatures.

We do not think the expression "thoroughly cooking" the meat covers the use of lower temperatures, as contended by appellant. "Thoroughly cooked" is defined in the specification as a cooking "at least twice as long as would be considered proper in ordinary cooking." The time proper in ordinary cooking is variable, depending on the practice of the cook, the weight or size of the meat, the desired heat, and other factors. Therefore, in measuring what is twice as long as would be considered proper in ordinary cooking, we are without unit of measure. The Board stated that—

We have no proof that the product can be obtained except by employing all of the critical steps set forth in the specification. Therefore, to merely refer generally to extended time of cooking and subjecting the meat to some other conditions will not define applicant's invention whereby an improved product is obtained. • • •

Appellant contends that the factors held to be critical cannot be so in fact, as they "are patently inappropriate for other variants of the process." This contention, we think, is sufficiently answered in the specification, which states as follows:

Among the many products which may be advantageously treated in accordance with this invention are bone-in hams, boneless hams, spiced hams, lunch meat, liver

cheese, bologna, minced ham, pork tongue, beef tongue, beef brisket, picnics and the like.

In all cases the process would be the same as has been described for hams in the foregoing specification. * * *

I have found that any of these products when processed at these high temperatures in the presence of smoke and saturated air for the long period of time in which I keep them in the combined cooking and smoking process, develop a very unusual and desirable flavor entirely different from any flavor which has been previously produced by other methods of cooking these products.

Product claims 33 to 38, inclusive, were rejected on the patent cited and because they involve process limitations which do not define over the prior art.

We do not think the product involves invention. Undoubtedly the process produces very nicely cooked meat. The affidavit and testimonial letters in the record indicate that dealers are much pleased with "Premium Delicatessen Ham." This approval of ham, however, does not make the product claims patentable.

We think it is quite clear that the affidavit and letters pertain to the hams produced by the allowed process claims. The product claims are drawn in terms of the process, but even if this were proper as an exception to the general rule, nevertheless critical steps are omitted in the claims. Therefore, we are unable to see how the rejected product claims can cover the product mentioned in the affidavit and letters. The product here, in our opinion, is not different from the product of the Rutherford patent, except, possibly, in degree. Flavor and tenderness in cooked meat are relative qualities differing in almost as many ways as the tastes of individuals. We approve the reasoning of the Examiner, in this respect, which reads as follows:

It is apparent that different cooks, given the same recipes, will produce products varying in flavor, tenderness, texture, and other characteristics. Yet it cannot be said that any of these products are patentably different, or that any different product is produced, except possibly in degree. To hold that any food product, said to possess a better flavor and to be more tender than a similar prior art product, is patentable by virtue of these differences is believed to be contrary to well established principles of patent law and to place a premium upon statements of qualities which are incapable of clear definition and which vary with each individual according to his taste and perception, and which are therefore without definite significance.

The product here is not a new article. It has the same general characteristics and qualities possessed by all cooked meat. Any particular flavor or tenderness of the product, we think is difference in degree only. *Maryland Hominy & Coralline Co. of Baltimore City* v. *Dorr*, 46 Fed. 773.

The decision of the Board is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE HODGSON

No. 3,954. Decided April 25, 1938

[96 F.(2d) 285]

PATENTABILITY—MAGNETIC SEPARATOR PULLEY.

Claims for a magnetic separator pulley *Held* unpatentable over the prior art.

APPEAL from the Patent Office. Affirmed.

Mr. Frank H. Hubbard (*Mr. J. E. Hutchinson, Jr.*, and *Mr. William C. Lyon* of counsel) for Hodgson.

Mr. R. F. Whitehead (*Mr. Howard S. Miller* of counsel) for the Commissioner of Patents.

JACKSON, *J.:*

This appeal is from a decision of the Board of Appeals of the United States Patent Office affirming that of the Primary Examiner which rejected claims 1 to 5, inclusive, all of the claims of an application for a patent, on the ground that the claims define nothing patentable over either reference in view of the other.

Claim 1 is illustrative, and reads as follows:

1. In a magnetic separator pulley, the combination with a supporting shaft, of a hollow cylindrical core member arranged concentric with respect to the axis of said shaft, duplicate end pole members mounted upon said shaft and having circular flanges associated therewith secured to opposite ends of said core member and projecting outwardly therebeyond, magnet coils wound upon said core member in the space between said flanges and a tubular shell surrounding said coils and secured at opposite ends to the flanges of said end pole members to completely enclose said magnet coils.

The references cited are: Manegold, 1,527,810, February 24, 1925; Thomas, 1,948,080, February 20, 1934.

The alleged invention of appellant relates to improvements in magnetic separators of the pulley type for producing a magnetic field at the surface of a conveyor belt which passes over the pulley and carries material to be separated.

The Examiner describes the invention as follows:

The improvement consists in forming the pulley of sections which may be assembled without requiring much machining and at the same time the joints are readily made waterproof. Thus the pulley consists of two circular flanges, constituting the end pole members, provided with central hub projections bored to receive the driving shaft. The inner faces of the flanges receive a hollow core member secured to the flanges by screws. An intermediate pole member is provided, consisting of a ring mounted upon the core member and pinned thereto. The magnetizing coils are carried by the core between the end flanges and the intermediate ring. A tubular shell enclosing the assembly is welded to the flanges. To facilitate the welding operation the peripheries of the flanges are beveled.

The Manegold patent relates to magnetic separators or pulleys of the same general type and function as the pulley shown by the rejected claims. The patent discloses a supporting shaft, a hollow cylindrical core, end pole members which are circular flanges fastened to the core, and intermediate annular poles between annular magnetic coils. The patent shows that the coils are enclosed by a series of tubular shells. It seems that the essential structure of the patent differs from that of the claims only in that the end pole members of the patent are not mounted directly on the shaft, and that the tubular shell which encloses the coils is not a unit.

The Thomas patent relates to a magnetic ore separator, the operation of which includes separation in wet material. This patent discloses a shaft which carries a hub bolted to the end plates and a series of rings which are placed close together and form for all purposes a hollow core member. The rings are fastened to the end plates by bolts. Magnetic coils separated by intermediate members encircle the core member. The coils are all covered by a single tubular plate which is screwed and brazed to the end plates.

The Examiner held, and the Board affirmed the ruling, that the points of difference between the device shown in the rejected claims and those of the Manegold patent; i. e., direct mounting on the shaft of the end pole elements and the covering of the coils by a single tubular element are shown in the Thomas patent. Certainly the waterproofing of the device claimed is anticipated by the device of the Thomas patent which, operating with wet material, makes a completely water-tight covering for the coils by means of a single tube which envelops the coils and is screwed and brazed to the end plates.

While the end plates are secured by bolts to the hub in the Thomas patent, we do not think that it makes any patentable difference that in appellant's device the plates are integral with the hubs. It was well stated in *In re Bush*, 46 App. D. C. 141, 241 O. G. 916, that—

It is elementary that the construction of parts integral, instead of by riveting, welding, or otherwise fastening them together, does not amount to invention * * *

If it were desired to enclose the coils of the Manegold patent with a single tubular shell, as shown in the Thomas patent, we can see no reason, as held by the Examiner and Board, why it could not be done without the exercise of the inventive faculties. In our opinion, it would be obvious to one skilled in the art to provide end pole members with hubs mounted on the shaft, as shown in the claims, instead of the construction of Manegold which provides the hollow core with hubs. This is especially true in view of the Thomas patent which discloses rings corresponding to the hollow core secured to end members which are provided with hubs secured to the shaft.

Appellant contends that the rings bolted together in the Thomas patent are not equivalent to the hollow core member of the claims herein. The only distinction apparent to us is that the core member of appellant is in one piece, while in the patent the core member is made up of several rings bolted together to form just as much of a cylinder as though it were a single piece. The hollow core member as a single unit is shown in the Manegold patent so that making the core in tubular unit form cannot be considered as novel.

Both the patents of Manegold and Thomas disclose the intermediate ring pole member shown in the rejected claims, so that adding this feature, old in the art, cannot make patentable a device otherwise unpatentable.

Appellant urges that the welding of the shell to the end pole members in his device distinguishes it from the structure of the Manegold patent. This is true enough, but the patent of Thomas discloses a tubular shell over the coils which is both screwed and brazed to the end plates. This, in our opinion, makes a device practically identical in structure to that claimed here. We are unable to perceive in what respect the welded joint of the claims defines invention over the teaching of the Thomas patent with respect to the making of a tight joint. The welding of itself instead of screwing or riveting would not constitute novelty. *Metropolitan Eng. Co.* v. *Coe*, 64 App. D. C. 317, 78 F.(2d) 199, 455 O. G. 505.

Appellant's contention that beveling the faces of the flanges—

"provides simple and practical means for effecting proper welded connections between the shell and the flanges of the end pole members"

is undoubtedly correct, but we think, as held by the Patent Office tribunals, that this is a matter of mechanical skill rather than of invention.

There is an affidavit in the record which recites the change from a certain device shown in Exhibit A, which does not appear in the record, to a structure that is now being used by appellant's assignee, which structure conforms to that disclosed in the application herein. The affidavit also states that the construction disclosed in the application was only conceived after a large amount of engineering and development work. We do not think that the change in the apparatus is proof of invention. The substituted device may be greatly superior to the one it replaced, but that is not of itself proof of invention. On the point of an improved structure, the rule of law was stated in the case of *In re Rauber*, 22 C. C. P. A. (Patents) 1117, 76 F.(2d) 304, 459 O. G. 7, where the court said that—

The old elements which appellant has combined serve no different purpose than they did in the cited patents. The mere fact, if it be a fact, that appellant has a better boiler, does not necessarily imply invention. Mechanical skill alone may assemble or combine desirable features of the prior art and obtain better results than have ever been obtained, but the patent laws afford no reward for such an improvement.

The fact that a great deal of engineering and development work was done does not assist appellant in any way if, in fact, there was no invention. In view of the prior art cited and discussed, we are unable to see that any work which was done on the device of the rejected claims can in any sense be considered to be the creative work of the inventive faculty. With respect to this, the case of *In re Lawson*, 17 C. C. P. A. (Patents) 743, 36 F.(2d) 525, 393 O. G. 523, is appropriate. In that case the court said that—

In perfecting a complicated machine much talent may be employed and much money expended in changes and methods of construction involving only mechanical skill, which do not constitute invention.

From what has hereinbefore been said, we think it is clear that the claims herein should not be allowed as defining anything patentable over the patent of Manegold in view of the Thomas patent, or over the patent of Thomas in view of the Manegold patent.

It appears to us that the combining of the references was proper in this case. It is not necessary that a reference contain all of the features of a claim. *In re Cordes*, 22 C. C. P. A. (Patents) 1158, 76 F.(2d) 302, 459 O. G. 931.

The decision of the Board of Appeals is affirmed.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,324,654, D. Ferguson, Hose coupling, D. C., N. D. Ohio, E. Div., Doc. E 5472, *A. T. Scheiner et al.* v. *U. S. Air Compressor Co.* Dismissed Aug. 15, 1938.

1,389,982, M. Ratel, Automatic stoker of the underfeed type, filed Aug. 10, 1938,-D. C., W. D. Pa., Doc. E 3423, *M. Ratel* v. *Westinghouse Electric & Mfg. Co.*

1,400,171, J. L. Kraft, Process of preparing cheese, filed Aug. 19, 1938, D. C., S. D. N. Y., Doc. E 87 343, *Kraft-Phenix Cheese Corp.* v. *Hygrade Food Products Corp.*

1,406,148, J. E. Brandenberger, Band of cellulosic material, filed Aug. 19, 1938, D. C., N. D. Ill., E. Div., Doc. 16198, *E. I. du Pont de Nemours & Co.* v. *Lustro Ribbon Co., Inc.*

1,438,463, A. E. Saner, Signaling mechanism, D. C. Mont. (Butte), Doc. 1436–Doc. 1437, *A. E. Saner* v. *The Montana Power Co.* Dismissed with prejudice Feb. 5, 1938.

1,455,360, W. E. Sharkey, Reduction gearing, filed Aug. 8, 1938, D. C., N. D. Calif., S. Div., Doc. E 4297–R, *C. B. Harts* v. *The Super-Cold Corp. et al.*

1,477,855. (See Re. 16,061.)

1,577,935, J. C. Runkle, Split wood shingle, filed Aug. 9, 1938, D. C., W. D. Wash., N. Div., Doc. 1223, *Resawn Shakes, Inc.*, v. *J. Janicki.*

1,578,793, V. G. Apple, Commutator and method of making, filed Aug. 12, 1938, D. C., N. D. Ill., E. Div., Doc. 16191, *B. D. Apple et al.* v. *Excel Auto Radiator Co.* Doc. 16192, *B. D. Apple* v. *Ero Mfg. Co.*

1,581,886, J. Strand, Sales and display card, appeal filed Aug. 31, 1938, C. C. A., 1st Cir., Doc. 3382. *Stransky Products Corp.* v. *E. H. Tate Mop & Cordage Co.*

1,595,241, R. O. Nelson, Automatic phonograph, filed Aug. 15, 1938, D. C., W. D. Mich. (Grand Rapids), Doc. 2836, *Automatic Instrument Co.* v. *J. Evanzzo (Grand Rapids Music Co.).*

1,626,254, A. H. Sexton, Hair curling and waving device, filed Aug. 18, 1938, D. C., S. D. N. Y., Doc. E 87/328, *Girard Trust Co. et al.* v. *H. Klein (Crown Novelty Works).*

1,646,563, J. R. Sonneborn, Box wrapping system, C. C. A., 3d Cir., Doc. 6356, *Autokraft Box Corp.* v. *C. G. Stone et al. (New Cumberland Box Co.).* Decree affirmed Aug. 8, 1938.

1,709,709, R. T. Brizzolara, Device for producing ice cubes, C. C. A., 3d Cir., Doc. 6703, *J. A. Martocello Co.* v. *Coolerator Co.* Decree reversed in part Aug. 10, 1938.

1,709,709. (See 2,030,735.)

1,802,979, Madden & Morgenstern, Outlet box and cable clamping means therefor, filed Aug. 30, 1938, D. C., N. D. Ohio, Doc. E 5772, *The Newcart Mfg. Co.* v. *The H. Leff Electric Co.*

1,844,359, J. Haas, Identification tag, C. C. A., 3d Cir., Doc. 6599, *J. Haas* v. *T. A. Gey.* Decree affirmed Aug. 8, 1919.

1,887,866, S. L. Belknap, Double door floor safe, D. C., S. D. Calif. (Los Angeles), Doc. E 428RJ, *S. L. Belknap* v. *Alpha Beta Food Markets, Inc.* Dismissed without prejudice Sept. 1, 1938.

1,944,932, B. B. Gemeny, Elevator bucket, filed July 8, 1938, D. C. Minn. (Minneapolis), Doc. E 3013, *B. I. Wheeler* v. *Strong-Scott Mfg. Co.*

1,947,493, Rose & Engle, Coating of machine elements, filed Aug. 25, 1938, D. C. Ariz. (Prescott), Doc. E 393 Phx., *Metals Processing Corp. et al.* v. *Metal Spray Engineering Co. et al.*

1,982,690, W. J. Polydoroff, Selective radio circuit, filed Aug. 29, 1938, D. C., E. D. N. Y., Doc. E 8635, *Johnson Laboratories, Inc.*, v. *Andrea Radio Corp.*

2,607,607, G. W. Johnson, Pressing machine and control mechanism therefor, appeal filed Aug. 18, 1938, C. C. A., 10th Cir., Doc. 1761, *The American Laundry Machinery Co.* v. *L. N. Strike (Western Laundry Press Co.).* Doc. 1762, *L. N. Strike* v. *The American Laundry Machinery Co.*

2,015,008, W. E. Endrezze, Ore classifier, D. C. Mont. (Butte), Doc. 1434, *W. E. Endrezze* v. *Anaconda Copper Mining Co.* Dismissed on merits Feb. 18, 1937. Doc. 1444 (1536), *W. E. Endrezze* v. *Basin Montana Tunnel Co.* Dismissed Nov. 29, 1937.

2,029,561, V. L. du Sang, Wheel balancing weight, D. C., S. D. Ind. (Indianapolis), Doc. E 1929, *Turner Mfg. Co.* v. *Indiana Wheel & Rim Co.* Consent decree holding patent valid, and claims 2 and 3 infringed Aug. 5, 1938.

2,030,735, Belshaw & La Casse, Ice cuber; 1,709,709, R. T. Brizzolara, Device for producing ice cubes, C. C. A., 3d Cir., Doc. 6697, *Coolerator Co.* v. *J. A. Martocello Co.* Decree reversed in part Aug. 10, 1938.

2,076,172, R. Bowden, Apparatus for spraying a center stripe on highways, filed Aug. 26, 1938, D. C., W. D. Tex. (Austin), Doc. E 623, *T. W. Payton* v. *G. Marshall et al.*

2,078,033, W. J. Six, Piston expander, D. C. Ind. (Indianapolis), Doc. E 1944, *W. J. Six et al.* v. *B. E. Berman et al. (Richmond Auto Parts Co.).* Patent held invalid for lack of invention; bill dismissed for want of equity Aug. 16, 1938.

2,078,790, E. H. Bucy, Offset process, filed Aug. 10, 1938, D. C., N. D. Ill., E. Div., Doc. 16185, *Atlas Powder Co.* v. *Rinks Mfg. Co. et al.*

2,095,223, A. O. Samuels, Fan, filed Aug. 22, 1938, D. C., S. D. Ohio, W. Div., Doc. E 1064, *Samson-United Corp.* v. *W. G. Bertsche (Economy Accessories Co.).* Same, D. C., E. D. N. Y., Doc. E 8447, *Samson-United Corp.* v. *Sears, Roebuck & Co., Inc.* Dismissed Aug. 22, 1938.

2,098,684, W. L. Fry, Slip cover, D. C., E. D. Mich. (Detroit), Doc. 8267, *W. L. Fry* v. *Frank & Seder, Inc.* Decree for plaintiff Sept. 2, 1938.

2,100,116, G. F. Webb, Method and apparatus for treating pyorrhea, filed July 5, 1938, D. C., N. D. Ill., E. Div., Doc. 16139, *G. F. Webb* v. *A. A. Frisch et al.*

2,101,045, G. H. Blettner, Internal combustion engine, filed July 1, 1938, D. C., N. D. Ill., E. Div., Doc. 16,134, *Renette Co. et al.* v. *Ford Motor Co.*

2,114,403, W. H. Said, Culinary vessel, filed Aug. 25, 1938, D. C., W. D. Pa. (Pittsburgh), Doc. E 3426, *Corning Glass Works* v. *McKee Glass Co.*

2,119,430, Garner & Auer, Display device, filed July 1, 1938, D. C., N. D. Ill., E. Div., Doc. 16136, *Ben Adler Signs, Inc., et al.* v. *Wagner Sign Service, Inc.*

2,123,709, Bristow & Strong, Therapeutic light ray apparatus, filed Aug. 24, 1938, D. C., S. D. Calif. (Los Angeles), Doc. E 1445–C, *L. J. Bristow* v. *F. Rubens et al. (Electro Therapy Sales Co.).*

2,124,361, H. Fleisher, Knitted pile fabric, filed Aug. 23, 1938, D. C., S. D. N. Y., Doc. E 87/347, *Princeton Knitting Mills, Inc.*, v. *Beaunit Mills, Inc., et al.*

Re. 16,061, F. W. Thurston, Drill, filed Aug. 10, 1938, D. C. Ohio, E. Div., Doc. 5761, *Detachable Bit Co.* v. *Timken Roller Bearing Co.*

Re. 18,730, E. W. Colt, Heat treatment of garnet abrasive, D. C., E. D. Mich. (Detroit), Doc. 6949, *Armour & Co. of Dela.* v. *Mid-West Abrasive Co.* Consent decree for plaintiff Aug. 29, 1938.

Re. 20,776, F. H. Amon, Method of producing colored concrete, filed Aug. 18, 1938, D. C., E. D. N. Y., Doc. E 8600, *Dewey & Almy Chemical Co.* v. *Johnson, Drake & Piper Co., Inc.* Doc. E 8601, *Dewey & Almy Chemical Co.* v. *Andrew Weston Co., Inc.*

Des. 87,309, C. D. McCann, Combination light fixture and mirror, filed Aug. 5, 1938, D. C., N. D. Ill., E. Div., Doc. 16178, *Modern Lighting & Mfg. Co.* v. *Hess Warming & Ventilating Co.*

Des. 103,545, E. Alper, Dress, D. C., S. D. N. Y., Doc. E 85/91, *Glass & Co. Dress Corp.* v. *Lace Dress & Sportswear, Inc.* Consent order of discontinuance (notice Aug. 18, 1938).

Des. 104,111, L. A. Koch, Jr., Automobile exhaust shrond, filed Aug. 8, 1938, D. C., N. D. Ill., E. Div., Doc. 16183, *Koch Mfg. Co., Inc., et al.* v. *National Wheels & Parts Mfg. Co.*

Des. 104,405, D. Rheinauer, Knitted two-piece dress, filed Aug. 23, 1938, D. C., S. D. N. Y., Doc. E 87/349, *N. Y. Knitting Mills, Inc.*, v. *Bermuda Knitwear Corp. et al.*

Des. 105,849, Dutrow & Mitchell, Combined shredder, slicer, and peeler, filed Aug. 31, 1938, D. C., S. D. Ohio, W. Div., Doc. E 1065, *M. B. Dutrow et al.* v. *The Bromwell Wire Goods Co.*

Des. 106,525, P. Wood, Dress, filed Aug. 30, 1938, D. C., S. D. N. Y., Doc. E 87/374, *Debutante Frocks, Inc.*, v. *Adelaar Bros., Inc.*

Des. 108,664, W. Rosenberg, Textile fabric, filed Aug. 26, 1938, D. C., S. D. N. Y., Doc. E 87/357, *Style Silk Corp.* v. *Chromite Textile Printing Co., Inc.*

Des. 109,369, E. Cutler, Dress, filed Aug. 17, 1938, D. C., S. D. N. Y., Doc. E 87/327, *Stern & Goldberg, Inc.*, v. *Fashion Fair, Inc.*

Des. 109,837, M. Sobelman, Dress, filed Aug. 20, 1938, D. C., S. D. N. Y., Doc. E 87/344, *Mary Muffet, Inc.*, v. *Princess Junior, Inc., et al.*

Des. 110,594, E. M. Ciccone, Dress ensemble, filed Aug. 29, 1938, D. C., S. D. N. Y., Doc. E 87/367, *Thos. Posner & Bro., Inc.*, v. *Trussel Dress Co., Inc.* Doc. E 87/368, *Neufeld-Furst & Co., Inc.*, v. *Major Frocks, Inc., et al.*

Des. 110,597, E. Jocell, Dress, filed Aug. 29, 1938, D. C., S. D. N. Y., Doc. E 87/368, *Neufeld-Furst & Co., Inc.*, v. *Major Frocks, Inc., et al.*

CHANGES IN RULES

(ORDER NO. 3445)

U. S. PATENT OFFICE, *Washington, D. C., October 10, 1938.*

Acting under the provisions of section 483 of the Revised Statutes (U. S. C., title 35, sec. 6) and with the approval of the Secretary of Commerce, Rules 7, 11, 14, 17, 18, 19, 20, 21, 22, 23, 31, 47, 50, 68, 96, 97, 103, 129, 149, 151, 152, 153, 154, 156, 158, 162, 164, 165, 167, 169, 170, 173, and 191 are amended as follows, to take effect November 15, 1938.

Rule 7:

By inserting in line 2 of the first paragraph after the word "attorney" the words *or an agent shall have filed his authority,*.

By inserting in line 2 of the second paragraph after the word "attorney" the words *or agent*.

By inserting in line 3 of the second paragraph after the word "attorneys" the words *or agents*.

Rule 11:

By striking out in the second line of the third paragraph the words "or his attorney" and inserting the words *, his attorney or agent*.

Rule 14:

By inserting in the fifth line of the second paragraph after the word "attorney" the word *, agent*.

Rule 17:

By cancelling the present rule and substituting therefor the following:

17. An applicant or an assignee of the entire interest may prosecute his own case, but he is advised, unless familiar with such matters, to employ a competent registered attorney or registered agent, as the value of patents depends largely upon the skillful preparation of the specification and claims. The Office cannot aid in the selection of an attorney or agent.

A register of attorneys and a register of agents will be kept in this Office, on which will be entered the names of all persons entitled to represent applicants before the Patent Office in the presentation and prosecution of applications for patent. Registration under the provision of this rule shall not be construed as authorizing persons not members of the bar to practice law.

(*a*) Upon written request there will be entered upon the register of attorneys the name of any attorney at law who is in good standing in any court of record in the United States or any of the States or Territories thereof and who shall furnish a certificate of the clerk of such United States, State, or Territorial court, duly authenticated under the seal of the court, that he is an attorney in good standing and who shall establish to the satisfaction of the Commissioner that he is possessed of the necessary legal and scientific qualifications to enable him to render applicants for patents valuable service and is otherwise competent to advise and assist them in the presentation and prosecution of their applications before the Patent Office.

(*b*) The name of any firm which shall show that the individual members composing the firm are each and all registered as attorneys under section (*a*) will, upon written request, be entered upon the register of attorneys.

(*c*) Upon written request, there will be entered upon the register of agents, the name of any person not an attorney at law, who is a citizen or resident of the United States and who shall establish to the satisfaction of the Commissioner that he is of good moral character and of good repute and possessed of the necessary legal and scientific qualifications to enable him to render applicants for patents valuable service and is otherwise competent to advise and assist them in the presentation and prosecution of their applications before the Patent Office.

(*d*) The name of any firm which shall show that the individual members composing the firm are each and all registered either as attorneys under section (*a*) or as agents under section (*c*) will, upon written request, be entered upon the register of agents.

(*e*) In order to determine whether a person seeking to have his name placed upon the aforesaid registers has the qualifications specified in paragraphs (*a*) and (*c*), an examination will be held from time to time. No person will be permitted to take the examination unless he submits satisfactory proof as to his good moral character and as to having had a sufficient basic training in scientific and technical matters: *Provided*, That the taking of the examination may be waived in the case of any person who has served for 3 years in the examining corps of the Patent Office.

(*f*) Any foreign patent attorney not a resident of the United States, who shall file proof to the satisfaction of the Commissioner that he is registered and in good standing before the patent office of the country of which he is a citizen or subject, and is possessed of the qualifications stated in paragraph (*c*) will be registered as entitled to represent applicants before the Patent Office in the presentation and prosecution of applications: *Provided*, That the patent office of the country of which he is a citizen or subject allows substantially reciprocal privileges to those admitted to practice before the United States Patent Office.

(*g*) Any person or firm not registered and not entitled to be recognized under this rule as an attorney or agent to represent applicants generally may, upon a showing of circumstances which render it necessary or justifiable, be recognized by the Commissioner to prosecute as attorney or agent certain specified application or applications, but this limited recognition shall not extend further than the application or applications named.

(*h*) No person not registered or entitled to recognition as above provided will be permitted to prosecute applications before the Patent Office.

(*i*) Every attorney and agent registered to practice before the United States Patent Office shall submit to the Commissioner of Patents for approval copies of all proposed advertising matter, circulars, letters, cards, etc., intended to solicit patent business, and if it be not disapproved by him and the attorney or agent so notified within ten days after submission, it may be considered approved.

No registered agent shall, in advertising matter or in papers filed in the Patent Office, represent himself to be an attorney, solicitor or lawyer.

Any registered attorney or agent sending out or using any such matter, a copy of which has not been submitted to the Commissioner of Patents in accordance with this rule, or which has been disapproved by the Commissioner of Patents, and any registered agent misrepresenting his status shall be subject to suspension or disbarment.

(*j*) Before his name may be entered on the register of attorneys or on the register of agents every applicant must, after his application is approved, subscribe and swear to an oath prescribed by the Commissioner of Patents and pay to the Office a registration fee of $5.

(*k*) The status of any person or firm whose name stands enrolled on the register of attorneys at the date when the present rule becomes effective will not be affected by any provision of this rule.

Rule 18:

By inserting in line 1 after the word "attorney" the words *or agent*.

By cancelling in line 3 the words "power of attorney" and inserting the word *authorization*.

By cancelling in the same line the word "powers" and inserting the word *authority*.

By cancelling in line 6 the words "A power of attorney" and inserting the words *An authorization*.

By cancelling in the last line the words "power of attorney" and inserting the word *authorization*.

Rule 19:

By inserting in line 2 before the word "upon" the words *or agent.*

By inserting in line 3 before the word "agent" the words *attorney or.*

Rule 20:

By inserting in line 1 after the word "attorney" the words *and authorizations of agents.*

By inserting in line 5 after the word "attorney", each occurrence, the words *or agent.*

By inserting in line 7 after the word "attorney" the words *or authorization.*

By cancelling in line 8 the word "power" and inserting the word *authorization.*

By inserting in line 10 after the word "attorney" the words *or agent.*

Rule 21:

By cancelling in line 1 the words "or their attorneys" and inserting the words *, their attorneys or agents.*

By cancelling in line 2 the word "attorneys" and inserting the word *public.*

Rule 22:

By cancelling in line 1 the words "and attorneys" and inserting the words *, attorneys and agents.*

By cancelling in line 22 of paragraph (*c*) the words "Supreme Court of" and inserting the words *United States District Court for.*

Rule 23:

By cancelling in lines 4 and 5 the words "powers of attorney" and inserting the word *authorization.*

Rule 31:

By inserting in line 6 of paragraph 5 after the word "him" the words *, his attorney.*

Rule 47:

By inserting in line 15 after the word "attorney" the words *or agent.*

Rule 50:

By cancelling in line 4 the words "in fact" and inserting the words *or agent.*

Rule 68:

By cancelling in line 10 the words "or his attorney" and inserting the words *, his attorney or agent.*

Rule 96:

By inserting in line 8 of the first paragraph and in lines 3 and 4 of the second paragraph after the word "attorney" the words *or agent.*

Rule 97:

By inserting in line 6 after the word "attorney" the words *or agent.*

By inserting in the last line after the word "attorneys" the words *and agents.*

Rule 103:

By inserting in line 3 after the word "attorneys", each occurrence, the words *or agents.*

By inserting in line 7 after the word "attorney" the words *or agent.*

Rule 129:

By inserting in line 10 after the word "attorneys" the words *or agents.*

By inserting in line 12 after the word "attorney" the words *or agent.*

Rule 149:

By cancelling in lines 1 and 2 of the third paragraph the words "who is an applicant".

By cancelling in line 3 of the third paragraph the words "his appeal will be dismissed if" and inserting the word *and.*

By inserting in line 8 of the third paragraph after the words and figures "4915 R. S." the following:

, certified copies of the foregoing papers will be transmitted to the U. S. Court of Customs and Patent Appeals for such action as may be necessary.

Rule 151:

By inserting in line 21 after the word "attorneys" the words *or agents.*

Rule 152:

By inserting in line 4 after the word "attorneys" the words *or agents.*

Rule 153:

By inserting in lines 5 and 10 after the word "attorney" the words *or agent.*

Rule 154:

By inserting in line 8 of paragraph (*a*) after the word "attorney" the words *or agent.*

By inserting in lines 3 and 4 of paragraph (*b*) after the word "attorney" the words *or agent.*

By cancelling in lines 9, 11, and 12 of paragraph (*b*) the words "or his attorney" and inserting the words *, his attorney or his agent.*

By cancelling in line 25 of paragraph (*c*) the words "of counsel".

Rule 156:

By inserting in line 5 of the first paragraph after the word "attorney" the words *or agent.*

By cancelling in lines 1 and 2 of the third paragraph the word "counsel" and inserting the words *attorneys or agents.*

Rule 158:

By inserting in line 5 of paragraph (*e*) after the word "parties" the words *, their attorneys.*

Rule 162:

By cancelling in line 19 of the second paragraph the words "extension thereof" and inserting the words *further time.*

By cancelling in line 20 of the second paragraph the word "shall" and inserting the word *may.*

Rule 164:

By cancelling in line 3 the words "or his attorney" and inserting the words *, his attorney or his agent,.*

Rule 165:

By cancelling in line 9 the words "or his attorney" and inserting the words *, his attorney or his agent.*

Rule 167:

By inserting in line 5 after the word "applicant" the words *, his attorney.*

Rule 169:

By inserting in lines 2, 3 and 4 after the word "attorney" the words *or agent.*

Rule 170:

By inserting in the last line of the second paragraph after the word "patentee" the words *, his attorney.*

By cancelling in lines 2 and 3 of the third paragraph the words "or his attorney" and inserting the words *, his attorney or his agent.*

Rule 173:

By cancelling in line 2 the words "or rejected".

Rule 191:

By inserting in line 56 after the word "attorneys" the words *or agents.*

By inserting in lines 62 and 63 after the word "attorney" the words *or agent.*

CONWAY P. COE,
Commissioner.

BULLETIN OF DECISIONS OF PATENT OFFICE ON TRADE-MARKS, LABELS, AND PRINTS

RENDERED DURING SEPTEMBER, 1938

THE COCA-COLA COMPANY *v.* B. T. FOOKS, Opposition No. 16,484.

In a decision rendered September 7, 1938 (163 Ms. Dec. 123), *Assistant Commissioner Frazer* held that B. T. Fooks, of Camden, Ark., is not entitled to register, as a trade-mark for a soft drink, the notation "Arkola", in view of the prior adoption and use by The Coca-Cola Company, of Atlanta, Ga., of the term "Coca-Cola" applied to the same goods.

The ground of the decision is that the marks are confusingly similar.

In his decision, after noting applicant's argument that the decision in the case of *Coca-Cola Company* v. *King Kola Mfg. Co.*, 480 O. G. 695, relied upon by the Examiner, holding "King-Kola" and "Coca-Cola" confusingly similar would seem to be equivalent to a holding that every trade-mark having as a feature thereof the term "Cola" or "Kola" for a soft drink is confusingly similar to "Coca-Cola", the Assistant Commissioner said:

"No such holding was there intended. The test is whether an applicant for registration has selected a mark which so nearly resembles the trade-mark of another, appropriated to merchandise of the same descriptive properties, as to be likely to confuse the public or to deceive purchasers. In making the comparison the marks must be considered as a whole. The occurrence of syllables in common, or words in common, does not necessarily render two marks confusingly similar. The newcomer, however, must so devise his entire mark that the common word or syllable will not be likely to cause confusion. In the King Cola case I did not think the applicant had met this requirement, nor do I think the present applicant has done so."

Then, after noting that the goods were inexpensive and casually purchased for immediate consumption by many people including children, he said:

"Among those who are thoroughly familiar with the name of opposer's product I doubt that confusion would be probable, but, as was said by Judge Learned Hand in *Lambert Pharmacal Co. v. Bolton Chemical Corporation*, 219 Fed. 325, and quoted with approval by the Court of Customs and Patent Appeals in *Pepsodent Co. v. Comfort Manufacturing Co.*, 23 C. C. P. A. 1224, 83 Fed.(2d) 906:

"'There is always a fringe of possible customers, next year's for instance, with whom such opportunities are not to be disregarded, people who have heard vaguely the old name or seen it in advertisements and who fail to carry it with accuracy in their memory. Among these confusion is eminently possible, and that possibility, if not a remote speculation, is quite enough.'"

MINNESOTA VALLEY CANNING COMPANY *v.* UNITED PACKING CORPORATION, Opposition No. 16,589.

In a decision rendered September 7, 1938 (163 Ms. Dec. 124), *Assistant Commissioner Frazer* held that United Packing Corporation, of Oakland, Calif., is entitled to register, as a trade-mark for canned fruits, the expression "Unipack", notwithstanding the prior registration by Minnesota Valley Canning Company, of Le Sueur, Minn., of the term "Agi-Pak", as a trade-mark for canned corn.

In his decision the Assistant Commissioner noted that while the goods are of the same descriptive properties they are nevertheless specifically different and there is thus "less likelihood that confusion will result from their sale under somewhat similar trade-marks than if they were identical".

Then, after referring to the decision of the Court of Customs and Patent Appeals in *Younghusband* v. *Kurlash Co., Inc.*, 25 C. C. P. A. 886, 94 Fed.(2d) 230, that "Starlash" and "Kurlash" applied respectively to eyelash mascara and eyelash curlers would not be likely to cause confusion, and noting that in its decision the court had stated that purchasers would pay little attention to the last syllable of the marks as bearing upon the origin of the goods but the mind would fasten upon the syllable "Kur" as contrasted with the syllable "Star", he said:

"So, in the instant case, I think the syllable 'pack' or 'pak' is clearly descriptive of the goods involved, and would be so considered by purchasers. Opposer insists 'that the suffix "pak" is the dominant feature of its mark,' but its position in that respect is somewhat weakened by the fact that it disclaimed this feature in its registration.

"Viewed in their entireties, and considering the differences in the goods to which they are applied, I am constrained to agree with the Examiner of Interferences 'that the marks may be used in trade without any reasonable likelihood of confusion'."

BUFFALO ROCK COMPANY *v.* BENJAMIN K. ALLEN (BENJAMIN K. ALLEN, JR., ASSIGNEE, SUBSTITUTED), Cancellation No. 3197.

In a decision rendered September 7, 1938 (163 Ms. Dec. 126), *Assistant Commissioner Frazer* held that Benjamin K. Allen, of Memphis, Tenn., was not entitled to register a trade-mark, under the act of 1920, when it appeared that another was using the same mark on goods of the same descriptive properties, during the year preceding the application for registration and that immediately after the registration Allen had warned the petitioner to discontinue use of the registered mark. He held therefore that the registration No. 344,933, obtained by the said Allen and now assigned to Benjamin K. Allen, Jr., should be cancelled.

After stating the facts and referring to the language of the statute, the Assistant Commissioner said:

"In a long line of decisions these statutory provisions have been construed to mean that an applicant's use of his mark must have been exclusive during the year immediately preceding his application for registration, and that otherwise any person who can show himself injured by such registration is entitled to have the same canceled." [Citing decisions.]

Then, after noting that the Examiner of Interferences had relied upon the case of *McKesson & Robbins* v. *The Centaur Co.*, 156 Ms. D. 576, and stating that while it appeared that the registrant had not enjoyed exclusive use of its mark during the year preceding its application for registration,

the decision was based upon the petitioner's failure to prove damage, he said:

"In the instant case I think the letter above referred to sufficiently indicates that petitioner is injured by the registration sought to be canceled, and that no further proof in that regard was necessary."

He then stated that the Examiner of Interferences in effect had held that the one-year period described by the statute need not immediately precede the filing of the application and that such use need not be exclusive, and said:

"As I find myself in agreement with the rulings set forth in the decisions referred to, rather than with the conclusions reached by the Examiner of Interferences, his decision is reversed, and the petition for cancellation is granted."

EX PARTE AERATION PROCESSES INC., Serial No. 352,846.

In a decision rendered September 14, 1938 (163 Ms. Dec. 128), *Assistant Commissioner Frazer* held that Aeration Processes Inc., of Columbus, Ohio, is not entitled to register, under the act of 1905, the term "Instantwhip" as a trade-mark for aerated cream mix.

The ground of the decision is that the mark is merely descriptive of the goods.

In his decision the Assistant Commissioner, after stating that the term has no significance except that of descriptiveness, said:

"Of the cases cited in the brief, the one chiefly relied on is *Ex parte Pillsbury Flour Mills Co.*, 1935 C. D. 1, 450 O. G. 3, where 'Minitmix' was held registrable for 'a prepared mixture for the making of biscuits'. That registration is not before me for consideration, and I express no opinion as to its propriety. I will state, however, that I do not think the doctrine announced in the 'Minitmix' case should be extended; and apparently the writer of that decision entertained no such thought, for in the later case of *Hershey Chocolate Corporation* v. *Commercial Milling Co.*, 28 U. S. P. Q. 29, he held the notation 'Quikmix' descriptive of biscuit flour, and refused registration on that ground."

Then, with reference to the decision in *In re Irving Drew Co.*, 54 App. D. C. 310, 297 Fed. 889, in which the Court of Appeals of the District of Columbia had held that "Arch Rest" was not descriptive of shoes, he said:

"I am unable to discern wherein that ruling is applicable here, but in any event it was practically repudiated by the same court in *The Kay & Ess Co.* v. *Coe*, 1937 C. D. 76, 92 Fed.(2d) 552, where the observation was made 'that upon present consideration of the case, it seems to put too narrow a construction upon the Trade Mark Act'."

EX PARTE KINDEL FURNITURE COMPANY, Serial No. 400,262.

In a decision rendered September 19, 1938 (163 Ms. Dec. 129), *Assistant Commissioner Frazer* held that Kindel Furniture Company, of Grand Rapids, Mich., is not entitled to register, under the act of 1905, the word "Oxford" as a trade-mark for furniture, since that term is merely a geographical term.

With respect to applicant's argument that that mark has been associated with other articles of manufacture for such a long period of time that it has acquired a secondary meaning and that that secondary meaning is due "to the universal use of the same word in connection with other articles of manufacture", the Assistant Commissioner said:

"While applicant thus appears to be somewhat confused as to which meaning of its mark is primary and which is secondary, I am clearly of the opinion that the word is primarily a geographical name. The question propounded by applicant is therefore not in issue and need not be determined.

"The mere fact that a geographical or descriptive word has acquired a secondary meaning does not make it registrable under the act of 1905. *In re Canada Dry Ginger Ale, Inc.*, 24 C. C. P. A. 804, 86 Fed.(2d) 830."

VOGUE MFG. CO. *v.* MODERN MERCHANDISING BUREAU, INC., Opposition No. 16,310.

In a decision rendered September 20, 1938 (163 Ms. Dec. 131), *Assistant Commissioner Frazer* held that Modern Merchandising Bureau, Inc., of New York, N. Y., is not entitled to register the notation "Screen Vogue" as displayed upon a scroll-like background, as a trade-mark for numerous articles of women's and children's wearing apparel, in view of certain prior registrations of Vogue Mfg. Co., of Newark, N. J.

In his decision the Assistant Commissioner said:

"One of opposer's marks, and the only one which need be considered, comprises the word 'Vogue' and the name 'Frieland Bros.', the latter in relatively small type, all enclosed within an irregular border. The word 'Vogue' is disclaimed in opposer's registrations, as it is also in applicant's mark. It is nevertheless a prominent feature of both marks, and must not be disregarded in determining the question of confusing similarity. *J. Greenebaum Tanning Co.* v. *Respro, Inc.*, 25 C. C. P. A. 899, 94 Fed.(2d) 818. Opposer does not own the word, and others are free to use it. But in so doing they must avoid such close resemblance of their marks as a whole to the composite mark of opposer as to be likely to lead to confusion. This I think applicant has failed to do."

Then with reference to applicant's argument that opposer had not established its ownership of the registrations upon which it relies, he said:

"In my opinion such ownership sufficiently appears; but even if it did not the registrations are in the record, and stand as a bar to the registration of applicant's mark regardless of their ownership."

EX PARTE IODENT CHEMICAL COMPANY, Serial Nos. 363,169 and 363,170.

In a decision rendered September 20, 1938 (163 Ms. Dec. 131), *Assistant Commissioner Frazer* held that Iodent Chemical Company, of Detroit, Mich., is not entitled to register, under the act of 1905, the notations "No. 1" and "No. 2", as trade-marks for tooth paste, since these marks have been used merely as grade marks.

In his decision, after stating that he found himself in agreement with most, if not all, of the legal propositions stated in applicant's brief, the Assistant Commissioner said:

"I agree, for example, that a numeral may be a valid trade-mark, that the use of more than one mark on the same merchandise is not objectionable, and that under certain circumstances a grade mark may also function as a trade-mark. The marks here involved, however, are applied to applicant's goods in such a manner as to indicate grade or type exclusively.

"Applicant's trade-mark is 'Iodent', which is prominently and repeatedly displayed on the cartons in which its tooth pastes are sold. On one of these cartons occurs the notation 'Iodent tooth paste No. 1 for teeth easy to bryten', and on the other 'Iodent tooth paste No. 2 for teeth hard to bryten'. That applicant employs the numerals to distinguish between its two types of tooth paste is thus apparent; and while it may be, as asserted in the brief, that purchasers have come to associate both marks with products of applicant's manufacture, the fact remains that each merely designates a particular type of 'Iodent' tooth paste."

THE ATLANTIC MACARONI CO., INC., *v.* RAFFAELE MARTORELLI (CARUSO PRODUCTS, INC., ASSIGNEE, SUBSTITUTED). Cancellation No. 3130.

In this proceeding in which a decision was rendered September 27, 1938 (163 Ms. Dec. 134), cancellation was sought of three registrations issued to Raffaele Martorelli, of New York, N. Y., namely, No. 167,732, No. 170,703, and No. 186,861, all of which include the name or the portrait of the late Enrico Caruso.

The goods described in the respective registrations are as follows: "canned peeled tomatoes and tomato paste", "olive oil", and "fish preserved in oil, canned vegetables, rice, coffee, tea".

The petition for cancellation is based upon petitioner's prior registration of substantially the same mark for macaroni, vermicelli and noodles.

Assistant Commissioner Frazer held that registrations Nos. 167,732 and 186,861 should be canceled on the ground that petitioner was the first to use the mark and the goods were of the same descriptive properties.

He held that registration No. 170,703 should not be canceled on the ground that the petitioner had opposed the issuance of that registration and when the opposition was dismissed he had not appealed.

In his decision he noted that the Examiner of Interferences had ruled that at the time the applications for registration were filed in 1921 and 1922, the goods of the respective parties would have been held to be of different descriptive properties and that for the purpose of this proceeding the registrant must be held to have been entitled to the use of the mark at the time the application was filed.

In his decision after referring to the case of *Dwinell-Wright Co.* v. *White House Milk Products Co.*, 490 O. G. 975, 37 U. S. P. Q. 339, in which the same question had been raised and in which it was stated:

"I am unable to adopt the Examiner's reasoning. The goods are the same now as they were in 1918, as is also the language of the statute. If confusion is now likely to result from the concurrent sale of canned milk and coffee under identical trade-marks that likelihood was necessarily present when respondent filed its application. Respondent's registration should have been refused because the mark was owned, registered and in use by petitioner, and 'appropriated to merchandise of the same descriptive properties', when respondent's application was filed. Any views to the contrary then entertained in the Patent Office have since proved to be erroneous; and surely such administrative error cannot be said to have conferred upon respondent the right to use petitioner's trade-mark."

he said:

"For the reasons there stated I am of the opinion that respondent's registrations No. 167,732 and No. 186,861 were improperly issued and should be canceled. The goods covered by those registrations and the goods to which petitioner applies its mark are unquestionably of the same descriptive properties within the meaning of the Trade-Mark Act as now construed by the courts, and earlier rulings indicating a contrary view must be regarded as overruled."

With reference to registration No. 170,703, after referring to a previous opposition in which petitioner did not appeal from a dismissal, he said:

"Petitioner is thus estopped to assert that it is injured by the registration, or to question its validity. Whether or not the goods there involved are of the same descriptive properties as those of petitioner need not now be determined, and I express no opinion in that regard. Petitioner contends that respondent has not proved its ownership of the registration, and hence is not entitled to urge the defense of res judicata, but I do not think petitioner's contention is supported by the record."

With reference to respondent's argument that Mr. Caruso having given permission to each of the parties to use his name that permission carried with it the right to register the mark, he said:

"While an individual may doubtless grant restricted trade-mark rights in his name and portrait to another so far as use is concerned, it does not follow that he can thereby circumvent the statutory prohibition against the registration of marks which are confusingly similar to a mark already registered. The Patent Office is concerned only indirectly with an applicant's right to use its trade-mark. The paramount question is the right to register, which is controlled by the the statute and not by equitable considerations. *Procter & Gamble Co.* v. *J. L. Prescott Co.*, 22 C. C. P. A. 1173, 77 Fed.(2d) 98."

EX PARTE PIONEER INSTRUMENT COMPANY, INC., Serial No. 369,664.

In a decision rendered September 30, 1938 (163 Ms. Dec. 138), *Assistant Commissioner Frazer* held that Pioneer Instrument Company, Inc., of Brooklyn, N. Y., is not entitled to register under the act of 1905, the notation "Aircraft Control" as a trade-mark for aircraft indicating instruments.

The ground of the decision is that the alleged trade-mark would be taken by the public merely to be a general name for the goods.

In his decision, after quoting the following from applicant's brief:

"It is to be noted that these instruments convey to the pilot the information concerning the status of the craft and of the engine thereof in much the same manner that the instruments mounted on the dashboard of an automobile convey to the driver thereof the information required to properly control the automobile. In the case of the automobile as well as in the case of an aircraft, it is the driver or pilot, respectively, who actually controls the vehicle."

the Assistant Commissioner said:

"The fact remains, however, that in controlling his aircraft or automobile the pilot or driver necessarily depends upon such instruments, and they thus form an essential part of the mechanical apparatus through the operation of which accurate control is made possible."

FRANKFORT DISTILLERIES, INCORPORATED, *v.* R. A. BAKER, Opposition No. 16,430.

In a decision rendered September 30, 1938 (163 Ms. Dec. 139), *Assistant Commissioner Frazer* held that R. A. Baker, of Versailles, Ky., was not entitled to register his name as a trade-mark for whisky since the name was not distinctively displayed and Frankfort Distilleries, Incorporated, of Louisville, Ky., had previously registered the mark "Old Baker", under the provisions of the ten-year proviso of the act of 1905.

Then, after stating the only question involved was whether the marks were confusingly similar, he said:

"That confusion would result seems not only likely, but inevitable.

"Applicant seems to take the position that because it is his own name he seeks to register the rule as to confusing similarity should be less strictly applied than ordinarily, and attempts to distinguish such cases as *The J. B. Williams Co.* v. *Williams*, 18 C. C. P. A. 1133, 48 Fed.(2d) 398, by pointing out that neither opposer nor any individual connected with its present organization bears the name Baker. I think that is a distinction without a difference, and that the rule stated by the Court of Customs and Patent Appeals in the Williams case is without exception."

He then stated that regardless of any rights of opposer the mark was not registrable because it was the name of an individual and not distinctively displayed, and said:

"In the drawing the name 'R. A. Baker' appears twice. It is printed in conventional capital letters, above appli-

cant's signature written diagonally. On the labels the signature is partially obscured by other printed matter and is not easily decipherable, whereas the printed name stands out boldly and dominates the mark. While it may be that the signature alone meets the requirement of the statute as to distinctive display, it seems clear to me that the mark as a whole does not."

EX PARTE GOODALL WORSTED COMPANY, Serial No. 402,941.

In a decision rendered September 30, 1938 (163 Ms. Dec. 140), *Assistant Commissioner Frazer* held that Goodall Worsted Company, of Sanford, Maine, is not entitled to register the notation "Solar Weave" as a trade-mark for piece goods made from combinations of mohair, cotton, wool, etc., in view of the prior registered mark "Solareen" for woolen piece goods.

In his decision the Assistant Commissioner said:

"Both marks include conventional design features, but such features add nothing of distinctiveness to the words when spoken, and the goods sold under the respective marks would necessarily be known and called for as 'Solareen' and 'Solar Weave' piece goods. These two expressions sound very much alike, and it seems to me that their concurrent use with identical or closely similar merchandise would be quite likely to confuse purchasers."

He then noted that applicant offered to delete woolen and plush piece goods from its description of merchandise, and said:

"* * * but I do not think that would remedy the situation. Its remaining goods, while not identical with those of the registration, are nevertheless very similar thereto, and manifestly are of the same descriptive properties."

STEPHEN F. WHITMAN & SON, INC., *v.* ROBERT A. JOHNSTON COMPANY, Opposition No. 16,570.

In a decision rendered September 30, 1938 (163 Ms. Dec. 141), *Assistant Commissioner Frazer* held that Robert A. Johnston Company, of Milwaukee, Wis., is not entitled to register the notation "Dairy Whip" as a trade-mark for a chocolate powder for combining with milk and other ingredients to produce a food beverage, in view of the prior registration by opposer of the word "Whip" as a trade-mark for an article of confectionery of the form of a pastelike mass for fillings, dressings, etc.

The ground of the decision is that the goods are of the same descriptive properties and the marks confusingly similar as applied thereto.

In his decision the Assistant Commissioner said:

"It is apparent that opposer's product is one of general utility, and that in at least some of its numerous functions it partakes of the same descriptive properties as those possessed by applicant's chocolate powder. This is tacitly admitted by applicant, but its counsel urges that even so there is no reasonable likelihood of confusion between the marks."

Then, after noting the argument that the word "Whip" is descriptive and opposer's rights therein are necessarily hemmed in and restricted, he said:

"Opposer's registration, however, is prima facie evidence of its ownership of the registered trade-mark, and the statute forbids registration of confusingly similar marks for goods of the same descriptive properties as those to which opposer's mark is appropriated. If opposer's mark is deemed descriptive, and applicant is injured by its registration, applicant's remedy is to be found in the statutory provision for cancellation. The alleged descriptiveness of an opposer's registered trade-mark may not be urged in an opposition proceeding."

TRADE-MARKS

OFFICIAL GAZETTE, OCTOBER 25, 1938

[VOL. 495. No. 4]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 395,874. NATIONAL FUR COAT CO., INC., New York, N. Y. Filed July 31, 1937.

NATIONAL
SEAL DYED CONEY

The words "Seal Dyed Coney" are disclaimed apart from the mark.

For Fur Skins of Seal Dyed Coney.

Claims use since June 1, 1935.

Ser. No. 406,262. L. PANTELIDES, INC., New York, N. Y. Filed May 12, 1938.



The words "Seal" and "Dyed Coney" are disclaimed apart from the mark.

For Fur Skins and Pelts.

Claims use since Apr. 25, 1938.

Ser. No. 408,693. DAWSON COAL COMPANY, Dawson Springs, Ky. Filed July 20, 1938.

DAWSON
DAYLIGHT

No claim is made to the word "Dawson" apart from the mark.

For Coal.

Claims use since Sept. 1, 1924.

Ser. No. 409,435. PEARCE & FRIEDMAN, INC., New York, N. Y. Filed Aug. 10, 1938.

Durbar Calf

No claim is made to the word "Calf" apart from the mark.

For Leather.

Claims use since June 23, 1938.

CLASS 2

Receptacles

Ser. No. 407,878. MIDLAND CONTAINER CORPORATION, New York, N. Y. Filed June 24, 1938.

Midcon

For Paper Containers With or Without Metal Ends for Packaging Liquids and Solids and Sold Empty to the Trade.

Claims use since Dec. 30, 1936.

Ser. No. 409,213. SOUTHERN STEEL BARREL CO. INC., New Orleans, La. Filed Aug. 3, 1938.

DURA
BILT

Applicant disclaims the word "Bilt" per se apart from the mark.

For Steel Barrels, Steel Drums, Steel Pails, and Steel Shipping Boxes and Crates.

Claims use since October, 1937.

CLASS 3

Baggage, Animal Equipments, Portfolios, and Pocketbooks

Ser. No. 409,638. L. BAMBERGER & CO., Newark, N. J. Filed Aug. 16, 1938.

PIN MONEY

For Handbags.

Claims use since July 15, 1938.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 402,134. MICHEL EXPORT COMPANY, INC., New York, N. Y. Filed Jan. 20, 1938.

ALFRAMINE

For Textile Soaps.
Claims use since Oct. 1, 1937.

Ser. No. 405,367. WILLIAM H. NIEDER, doing business as Snap Chemical Company, Chicago, Ill. Filed Apr. 16, 1938.



All words are disclaimed apart from the mark.
For Cleaner for Jewelry, Rare Metals, Jewels, and the Like.
Claims use since Mar. 26, 1938.

Ser. No. 408,901. SOCIÉTÉ ANONYME REVILLON FRÈRES, Paris, France. Filed July 25, 1938.

REGENER

For Detergent Preparations for Use in the Treatment of Finished Skins and Furs.
Claims use since Mar. 4, 1936.

Ser. No. 409,253. APEX CHEMICAL MFG. CORPORATION, Detroit, Mich. Filed Aug. 5, 1938.



The words "The Peak of Quality" are disclaimed except as shown.
For Cleaning Compound for General Cleaning Purposes—Namely, for Cleaning Floors, Painted Surfaces, Kitchen and Bathroom Fixtures, Rugs, Upholstery, Fabric, Metals, Dairy Utensils, and the Like.
Claims use since July 1, 1938.

Ser. No. 409,642. CLEVELAND METAL ABRASIVE CO., Cleveland, Ohio. Filed Aug. 16, 1938.



The words "Blast Shot Grit" are disclaimed apart from the mark.
For Metal Abrasive in Granular Form for Sand Blasting.
Claims use since July 15, 1938.

Ser. No. 409,956. CENTRAL TEA COMPANY, Detroit, Mich. Filed Aug. 25, 1938.

SENSAY

For Soap.
Claims use since January, 1934.

Ser. No. 410,174. DUREX ABRASIVES CORPORATION, Jersey City, N. J. Filed Sept. 1, 1938.

HYDRO-DUREXSIL

For Natural and Artificial Abrasives—Namely, Abrasive-Coated Cloth or Paper and Combinations of Abrasive Paper and Cloth.
Claims use since Mar. 28, 1930.

CLASS 5

Adhesives

Ser. No. 409,224. HAYDN F. WHITE & COMPANY, Cleveland, Ohio. Filed Aug. 3, 1938.

SPEEDART

For Metal Adhesive Cement, Poster or Label Paste, and Padding Cement.
Claims use since June 9, 1938.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 396,255. ASCHENBACH & MILLER, INCORPORATED, Philadelphia, Pa. Filed Aug. 11, 1937.



The words "Cream of Olives" are disclaimed as shown.
For Medicinal Preparation Containing Olive Oil for the Treatment of Head Colds, Chest Colds, Local Congestion, Non-Poisonous Insect Bites, and for Minor Skin Irritations, Minor Burns, Chafing, Sunburns, Chapped Lips, Chapped Hands, and Tired Feet.
Claims use since 1898.

Ser. No. 397,907. PAUL A. MECKEL, Berlin, Germany. Filed Sept. 28, 1937.

Spenglersan

For Medicines in Liquid, Powder, and Tablet Form for Use in the Treatment of Rheumatism, Blood Infections, Germ Infections, Pneumonia, Diseases of the Nerves, Colds, High Blood Pressure, Grip, Diseases and Disturbances of the Heart, Diseased Tonsils, Throat Infections, Swellings, Latent and Active Tuberculosis, Neuralgia, Neuritis, Inflammations, Fatigue.
Claims use since June, 1936.

Ser. No. 400,076. THE WARR FIRE EXTINGUISHER COMPANY, INCORPORATED, Baltimore, Md. Filed Nov. 23, 1937.



The drawing is lined for blue and red.
For Dry Chemical Powder Fire Extinguishing Compounds.
Claims use since Aug. 4, 1937.

Ser. No. 401,047. ALBERT H. BINASH, doing business as Albert Laboratories, Chicago, Ill. Filed Dec. 20, 1937.

Respirine

For Medicinal Preparation for the Treatment of Asthma, Bronchitis, Hayfever, and Sinusitis.
Claims use since Oct. 19, 1937.

Ser. No. 402,105. VITA PRODUCTS, INC., Zeeland, Mich. Filed Jan. 19, 1938.

VITAKO

For Dehydrated Kelp Tablets, Vitamin A and D Tablets, and Vitamin B Tablets.
Claims use since Dec. 2, 1937.

Ser. No. 402,596. SATISH C. GHOSE, doing business as India Incense Company, Chicago, Ill. Filed Feb. 2, 1938.



The word "Incense" is disclaimed apart from the mark.
For Incense.
Claims use since June 1, 1937.

Ser. No. 403,739. TARADAY PRODUCTS CO. INC., St. Louis, Mo. Filed Mar. 5, 1938.



No claim is made to the notation "St. Mary's" apart from the mark.
For Aspirin, Cascara Bromide Quinine Tablets for the Relief of Colds, and Laxatives.
Claims use since Jan. 10, 1938.

Ser. No. 403,985. THE BLACKBURN PRODUCTS COMPANY, Dayton, Ohio. Filed Mar. 12, 1938.

SU-THOL

For Tablets for the Relief of Pain of Simple Headaches and Neuralgias, Head Colds, Muscular Aches and Pains, Also Periodic Pains Due to Functional Menstrual Disturbances.
Claims use since Mar. 31, 1922.

Ser. No. 404,799. DEWEY AND ALMY CHEMICAL COMPANY, Cambridge, Mass. Filed Apr. 2, 1938.

DARAPHANE

For Liquid Coating Compositions Forming Temporary, Removable, Protective Films for Manufactured Articles.
Claims use since Jan. 12, 1938.

Ser. No. 405,397. GEORGE A. LEHMANN, Brooklyn, N. Y. Filed Apr. 18, 1938.

DOUTELLE

For Skin Cream, Hand Lotion, Cleansing Lotion, Cleanser and Powder Base, Anti-Perspirant and Deodorant, and Face Powder.
Claims use since Mar. 8, 1938.

Ser. No. 406,215. GLAZO, INC., East Rutherford, N. J. Filed May 11, 1938.



Nail-Cote

No claim is made to the words "Nail-Cote" apart from the mark.
For Preparation for Coating and Treating the Nails.
Claims use since May 9, 1938.

Ser. No. 406,875. PARAGON OIL CO. INC., Brooklyn, N. Y. Filed May 28, 1938.

parafreez

For Antifreeze Preparation.
Claims use since Mar. 6, 1936.

Ser. No. 406,997. JOHANN A. WÜLFING, Berlin, Germany. Filed June 1, 1938.

TABLETON

For Disinfecting Tablets.
Claims use since April, 1937.

Ser. No. 407,989. LABORATOIRES VALDOR, SOCIÉTÉ A RESPONSABILITÉ LIMITÉE, Puteaux, France. Filed June 28, 1938.

GUITARE

For Rouge for the Lips; Beauty Products for the Eyes, Eyebrows, and Eyelashes; Beauty Milk for the Skin, Cream for Retaining Powder, Massage Cream, Different Lotions for the Skin, Compact Rouge for the Cheeks, Rice Powder, Compact Rice Powder, Toilet Powder, Lotions for the Hair, Brilliantine for the Hair, Cologne Water, Toilet Water, Perfumes (Extracts).
Claims use since May 10, 1935.

Ser. No. 408,009. COLUMBIAN CARBON COMPANY, New York, N. Y. Filed June 29, 1938.



For Iron Oxides, Carbon Black, Organic Colors, and Other Pigments for General Use; Also Acetylene and Its Derivatives, Benzol, Organic Compounds Derived from Natural Gas Either by Polymerization or by Oxidation or Other Chemical Reaction, Including Hydrocarbons of the Aromatic or Aliphatic Variety, Alcohols, Acids, Ketones, Aldehydes, or Products Derived Therefrom.
Claims use since June 8, 1938.

Ser. No. 408,094. G. FOX & CO. INC., Hartford, Conn. Filed July 1, 1938.

FOXCO

For Denatured Alcohol, Powdered Alum, Antiseptic Mouthwash, Aspirin Compound, Aspirin Tablets, Bay Rum, Benedict's Solution, Bicarbonate of Soda, Boric Acid, Powdered Borax, Brown Mixture, Fluid Extract Cascara Aromatic, Fluid Extract Cascara, Extract Sagrada Tablets, Castor Oil, Calamine Lotion, Citrate of Magnesia, Oil Citronella, Syrup Cocillana Compound, Syrup of Cocillana and Squills, Cocoquinine, Pure Norwegian Cod Liver Oil, Cream of Tartar, Creo Terpin Compound, Pine Oil Disinfectant, Dobell's Solution, Epsom Salts, Flaxseed, Flaxseed Meal, Phenobarbital, Glycerine, Pure Glycerine, Tincture Iodine, Lime Water, Compound Licorice Powder, Emulsion Mineral Oil Agar, White Mineral Oil, Mineral Oil Psyllium Seed Phenolphthalein, Mouthwash, Oxalic Acid, Oil Cedar, True Oil Cedar, Oil Sweet Almonds, Oil Eucalyptus, Oil of Lavender (Artificial), Oil of Lavender (True), Oil Wintergreen, True Oil Wintergreen, Powdered Orris Root, Essence of Peppermint, Psyllium Seed, Rochelle Salts, White Russian Oil, Stokes' Expectorant, Soluble Saccharin Tablets, Senna Leaves, Powdered Flour Sulphur, Sweet Oil, Double Distilled Witch Hazel; Vitamin A, B, D, & G, capsules; Mal & Cod Liver Oil, Malt with Halibut Liver Oil, Rubbing Alcohol Compound, Alkaline Effervescent Tablets, Almond Extract, Aromatic Spirits Ammonia U. S. P., Analgesic Balm, Essence Anise U. S. P., Argyrol Solution, Tincture Arnica, Blaud's Pills; Beef, Iron, and Wine; Tincture Benzoin Compound, Compound Bile Salts Tablets with Diastose, Milk of Bismuth, Powdered Borax, Boric Acid Ointment, Powdered Boric Acid U. S. P., Throat and Bronchial Lozenges, Brown Mixture & Ammon Chloride, Spirit of Camphor U. S. P., Camphorated Oil, Canker Preparation, Carbolic Ointment, Chilblain Preparation, Chlorate of Potash, Chloroform Liniment, Sun Cholera Mixture, Citrates and Carbonates, Oil of Cloves, Halibut Liver Oil with Viosterol Liquid, Halibut Liver Oil with Viosterol Capsules, Pills Containing Calcium Carbonate as an Aid in Digestion, Hepasalts a Saline Laxative, Hinkle's Cascarine Compound Tablets, Inhalant; Elixir Iron, Quinine, and Strychnine, Tincture of Iron Chloride, Larkspur Lotion, Lassars Paste, Laxative Pills, Syrup of Tar with Extract of Cod Liver Oil and Menthol, Milk of Magnesia U. S. P., Flavored Milk of Magnesia U. S. P., Milk of Magnesia Tablets, Emulsion Mineral Oil Agar Plain, Emulsion Mineral Oil and Agar Compound with Phenolphthalein, Tincture Myrrh, Nasal Jelly with Ephedrine; Neurovates—Namely, a Nerve Tonic Containing a Sherry Wine Base; Sweet Spirits of Nitre, Iron Tonic, Tincture Nux Vomica U. S. P., Extract Cod Liver Oil Tablets, Cod Liver Oil with Viosterol, Cold Tablets, Liquid Preparation for Removing Corns, Cough Syrup, Children's Cough Syrup; Creo-Cod (Creosoted)—Namely, a Heat Producing Element Combined with Cough Medicine Used in Toothache Drops; Improved Effervescent Salts, Ephedrine Inhalant Plain, Ephedrine Inhalant Compound, Foot Powder, Tablets Phenolphthalein 1 gr., Antacid Powder, Glycerine and Rosewater, Adults Glycerine Suppositories, Infants Glycerine Suppositories, Glycerophosphates, Tincture Green Soap (Liquid), Tincture Green Soap (Mixture), Halibut Liver Oil Plain, Halibut Liver Oil Fortified Natural Vitamin D, Paregoric U. S. P., Ivy Lotion, Quinine Sulphate Pills, Rectal Suppositories, Rhinitis Tablets (Full Strength), Rhubarb and Soda Mixture, Sweet Tincture Rhubarb, Rose Water, Soluble Saccharin Tablets, Seidlitz Powders, Soap Liniment, Sodium Bicarbonate Tablets, Soda Mint Tablets, Soda Mint and Pepsin Tablets, Soda Mixture, Sodium Salicylate Tablets (White), Effervescent Granules Sodium Phosphate, Sulphur and Cream of Tartar Lozenges, Sulphur Ointment, Compound Syrup White Pine with Tar, Syrup Ipecac, Aromatic Syrup Rhubarb, Sodium Perborate Plain, Sodium Perborate Flavored, Syrup of Tar with Extract of Cod Livers and Menthol, Three Bromides Effervescent Tablets, Ointment for Sunburn, Vaporizing Cream Externally for Colds on Chest and Other Parts of the Body, Vegetable Compound Tonic Taken Internally to Build Up a Run Down Condition, Viosterol in Oil, Essence Wintergreen U. S. P.; White Liniment for Use in Sprains, Rheumatism, Stiff and Sore Muscles; Yeast Tablets, Zinc Oxide Ointment; Vitamin Concentrate Capsules, Contains Vitamins A, B, D, G; Cod Liver Oil Vitamin Concentrate Perles, Aspirin Chewies, Magnesia and Oil, After Shaving Lotion, Dental Paste for Gums, Milk of Magnesia Dental Cream, Brand of Phenobarbitol, Baby Powder, Talcum Powder, Bath Powder, Bath Salts, Face Powder, Rouge, Lipstick, Nail Polish, Nail Polish Remover, Hair Preparations, Perfume, Cologne, Toilet Water.
Claims use since 1933.

Ser. No. 408,288. SCHIEFFELIN & CO., New York, N. Y. Filed July 7, 1938.

SULCOMIN

For Injectable Solution of Sulfur and Sulfur Compounds for Use in Facilitating Muscular Movement, for Increasing Motion in the Joints and Decreasing Size of Joints, and for Improvement of Circulation and Generalized Improvement of Condition of the Skin, Hair, and Nails.
Claims use since June 22, 1938.

Ser. No. 408,559. ABBOTT LABORATORIES, North Chicago, Ill. Filed July 16, 1938.

ARGENTAL

For Antiseptic (Specifically a Compound Containing Colloidal Silver Bromide).
Claims use since 1919.

Ser. No. 408,768. VETERINARY LABORATORIES, INC., Clifton, N. J. Filed July 21, 1938.

Dr. H. M. Lewis
ANTISEPTIC VETERINARY PACK

The words "Dr. H. M. Lewis" are a facsimile of the signature of the president of applicant corporation. The words "Antiseptic Veterinary Pack" are disclaimed apart from the mark.
For Veterinary Packs and Poultices for the Treatment of Inflammation, Wounds, Septic Poisoning, and Soreness.
Claims use since June 1, 1938.

Ser. No. 408,988. CARTER PRODUCTS, INC., New York, N. Y. Filed July 28, 1938.

Lip-pen

The word "Lip" is disclaimed apart from the mark.
For Lipstick.
Claims use since July 20, 1938.

Ser. No. 409,027. THE ALONZO O. BLISS MEDICAL COMPANY, Washington, D. C. Filed July 29, 1938. Under 10-year proviso.

BLISS

For Liniments for Use in the Treatment of Sprains, Bruises, Chilblains, Frost Bites, Insect Stings, Itching Skin Due to Simple Causes, Muscular Soreness Due to Exposure and Rheumatism, and Laxatives.
Claims use since Oct. 1, 1887.

Ser. No. 409,040. EDDIE Z. JONES, doing business as Ak-Kwik Co., Paris, Tenn. Filed July 29, 1938.

EZJ

Dr. E. Z. Jones

AK-KWIK

No claim is made to the words "Ak-Kwik" and "Dr. E. Z. Jones" apart from the mark.
For Medicine for Internal and External Use in the Treatment of Snake Bites, Insect Bites, Sprains, Bruises,

Burns, Sore Throat, Rheumatism, Lameness, and Stiff Joints.
Claims use since June 4, 1938.

Ser. No. 409,085. CROOKES LABORATORIES, INCORPORATED, New York, N. Y. Filed July 30, 1938.

COLOMANG

For Medicinal Preparation Containing Colloidal Manganese Hydroxide for Use by Injection or Orally in the Treatment of Boils, Acne, and Certain Pyogenic Skin Infections.
Claims use since July 20, 1938.

Ser. No. 409,219. UNITED DRUG COMPANY, Boston, Mass. Filed Aug. 3, 1938.

EUDICALMA

For Medicated Skin Cream.
Claims use since July 12, 1938.

Ser. No. 409,286. THE SITROUX COMPANY, INC., New York, N. Y. Filed Aug. 5, 1938.

SITROUX

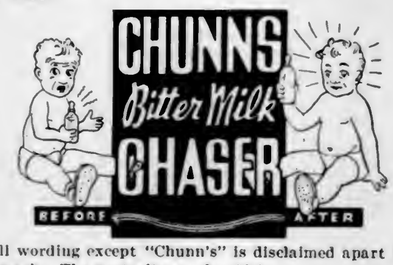
For Cosmetics, Including Face Powder, Cold Cream, Tissue Cream, Foundation Cream, Cleansing Cream.
Claims use since Apr. 1, 1938.

Ser. No. 409,288. D. R. STERETT & MARGARET H. STERETT, Leavenworth, Kans. Filed Aug. 5, 1938.



No claim is made to the word "Balm" apart from the mark.
For Salve for the Treating of Congestion and Local Inflammation, Colds in the Head, Throat, and Chest, and for Sore Muscles, Painful or Rheumatic Joints, Insect Bites, and First Degree Burns.
Claims use since July 2, 1938.

Ser. No. 409,298. T. E. CHUNN, doing business as Chunn-Moore Mfg. Co., Hot Springs, Ark. Filed Aug. 6, 1938.



All wording except "Chunn's" is disclaimed apart from the mark. The portraits are fanciful.
For Preparation to be Added to Cows' Daily Feed to Prevent All Bitter Taste in Milk.
Claims use since June 20, 1938.

Ser. No. 409,372. TURMAC SPECIALTIES COMPANY, Berkeley, Calif. Filed Aug. 8, 1938.

Kis-kee

For Hand Cream and Shampoo.
Claims use since June 9, 1938.

Ser. No. 409,415. SUNNYBROOK LABS., New York, N. Y. Filed Aug. 9, 1938.



The drawing is lined for blue, yellow, green, orange, and purple.
For Skin Cream, Skin Lotion, Complexion Dressing, and Face Powder.
Claims use since Jan. 13, 1937.

Ser. No. 409,449. THRASA OIL COMPANY, Bellingham, Wash. Filed Aug. 10, 1938.

Thrasa

For Oil Used for Medicinal Purposes and Particularly for the Treatment of Stomach Ailments, Colds, Intestinal Disorders, Indigestion, and Anemia.
Claims use since July 15, 1938.

Ser. No. 409,465. EMERY INDUSTRIES, INC., Cincinnati, Ohio. Filed Aug. 11, 1938. Under 10-year proviso.

ENERY

For Textile Oils and Textile Oil Bases, Scouring Oils and Scouring Oil Bases, Absorbefacients, Fatty Acids, and Glycerine.
Claims use since 1840.

Ser. No. 409,469. ESTELLE A. KIRSTEIN, doing business as Hush Company, Philadelphia, Pa. Filed Aug. 11, 1938.

HUSH

For Toilet Preparations—Namely, Cream Deodorants, Liquid Deodorants, Powder Deodorants, Stick Deodorants, a Colored Lipstick; a Preparation for the Treatment of Chapped, Cracked, or Dry Lips Which is Applied Like Lipstick; a Hair Dyeing Preparation.
Claims use since Feb. 18, 1908.

Ser. No. 409,471. GEORGE KREMER, doing business as General Beautilities Co., New York, N. Y. Filed Aug. 11, 1938.

VERDOL

For Hair Coloring Preparation Known as Oil Shampoo Tint.
Claims use since July 25, 1938.

Ser. No. 409,472. KROM LABORATORIES, INC., Kingston, N. Y. Filed Aug. 11, 1938.



The notations "Catskill Mountain Pine Needle" and "Net 2 Oz." are disclaimed apart from the mark.
For Bath Emulsion.
Claims use since Apr. 30, 1938.

Ser. No. 409,522. HISTON PRODUCTS COMPANY, Chicago, Ill. Filed Aug. 12, 1938.

ANATONE

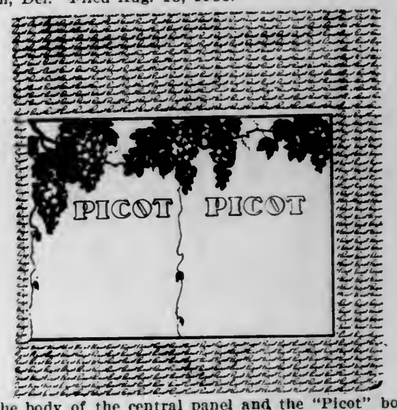
For Preparation for the Treatment of Hemorrhoids.
Claims use since June 21, 1938.

Ser. No. 409,576. KROM LABORATORIES, INC., Kingston, N. Y. Filed Aug. 13, 1938.



The notations "Long-Er-Wear", "Stop This", and "Net 2 Oz." are disclaimed apart from the mark.
For Liquid Preparation to be Added to Warm Water in Rinsing Stockings, Lingerie, or Other Rayons in Solution so as to Increase the Lasting Qualities of the Same.
Claims use since Apr. 13, 1938.

Ser. No. 409,587. PICOT LABORATORIES, INC., Wilmington, Del. Filed Aug. 13, 1938.



The body of the central panel and the "Picot" border above and below the central panel are orange-yellow; the leaves are green, and the wistaria blossoms are purple; and this color scheme is an essential feature of the mark.
For Medicinal Preparation Suitable for Use as a Laxative, Purgative, Aperient, Diuretic, Intestinal Eliminant, and for the Treatment of Constipation and Ailments Attributable Thereto.
Claims use since 1930.

Ser. No. 409,610. GAMBLE STORES INCORPORATED, Minneapolis, Minn. Filed Aug. 15, 1938.

BONDED
ANTI-FREEZE

The words "Anti-Freeze" are disclaimed apart from the mark.
For Anti-Freeze.
Claims use since Aug. 1, 1937.

Ser. No. 409,612. DONATO PERES GARCIA, Washington, D. C. Filed Aug. 15, 1938.

Syphyl

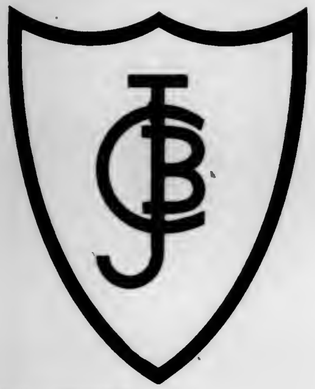
For Medicines for Intravenous Injection for the Treatment of Syphilis, Neurosyphilis, and Similar Ailments.
Claims use since Dec. 28, 1937.

Ser. No. 409,620. WM. P. POYTHRESS & CO. INC., Richmond, Va. Filed Aug. 15, 1938.

SOLFOTON

For Preparation for the Treatment of Nervous and Undernourishment Disorders.
Claims use since July 18, 1938.

Ser. No. 409,649. OTTO JASCHKE, doing business as Jaschke Chemical Company, Crowley, La. Filed Aug. 16, 1938.



For Boiler Compounds.
Claims use since July 7, 1938.

Ser. No. 409,721. WEST VIRGINIA PULP AND PAPER COMPANY, New York, N. Y. Filed Aug. 17, 1938.

LIQRO

For Blend of Fatty Acids Derived from the Fats and Resins Occurring Naturally in Pine or Other Woods Having a General Use in the Industrial Arts.
Claims use since Nov. 6, 1937.

Ser. No. 409,823. WILLIAM STEINKE, New York, N. Y. Filed Aug. 20, 1938.

FUN-BATH

No claim is made to the word "Bath" apart from the mark.
For Preparation of Bath Salts.
Claims use since Aug. 1, 1938.

Ser. No. 409,858. WYCKOFF LABORATORIES, INC., Waxahachie, Tex. Filed Aug. 22, 1938.



For Vaporizing Compound for Relieving Congestion Caused by Diseases of the Respiratory Mucous-Membrane Tract of Both Chicks and Mature Fowls; and Mange Oil.
Claims use since Aug. 2, 1938.

Ser. No. 409,893. SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland. Filed Aug. 23, 1938.

LYOCET

For Water-Soluble Dyestuffs for Acetate Rayon.
Claims use since May 13, 1938.

Ser. No. 409,916. THE FARASTAN COMPANY, Philadelphia, Pa. Filed Aug. 24, 1938.

SULCAMFAMIDE

For Medicinal Chemical Compound in Powder, Tablet, Capsule, and/or Solution Form for the Treatment of Internal and External Infections.
Claims use since June 22, 1938.

Ser. No. 409,923. KYDO MOTHPROOFING CORPORATION, Boston, Mass. Filed Aug. 24, 1938.

ODYKE



For Mothproofing Preparations.
Claims use since Aug. 8, 1938.

Ser. No. 409,990. CALIFORNIA SPRAY-CHEMICAL CORPORATION, Wilmington, Del., and Richmond, Calif. Filed Aug. 26, 1938.

RMS

For Insecticides, Fungicides, and Germicides.
Claims use since June 1, 1938.

Ser. No. 410,013. ALLIED DRUG PRODUCTS COMPANY, Chattanooga, Tenn. Filed Aug. 27, 1938.

TOZE

For Liquid Athlete's Foot Preparation.
Claims use since June, 1938.

Ser. No. 410,063. ASSOCIATED DISTRIBUTORS, INC., Chicago, Ill. Filed Aug. 29, 1938.

GUILLOTINE

For Lipstick, Rouge, Face Powder, Eyelash and Eyebrow Mascara, Pads Impregnated with Deodorant and Anti-Perspirant Lotion, Creams for the Hands and Face, Cleansing Pads Impregnated with Lotion; Preparations for Skin, Hair, and Finger Nails; and Perfumes.
Claims use since Apr. 20, 1937.

Ser. No. 410,160. JAMES L. YOUNGHUSBAND, Chicago, Ill. Filed Aug. 31, 1938.

GAY BANDIT

For Lipstick, Rouge, Face Powder, Eyelash and Eyebrow Mascara, Pads Impregnated with Deodorant and Anti-Perspirant Lotion, Creams for the Hands and Face, Cleansing Pads Impregnated with Lotion; Preparations for Skin, Hair, and Finger Nails; and Perfumes.
Claims use since Apr. 20, 1937.

Ser. No. 410,423. ASSOCIATED DISTRIBUTORS, INC., Chicago, Ill. Filed Sept. 10, 1938.

VOODOO

For Lipstick, Rouge, Face Powder, Eyelash and Eyebrow Mascara, Pads Impregnated with Suntan and Cleansing Lotion, Creams for the Hands and Face; Preparations for Skin, Hair, and Finger Nails; and Perfumes.
Claims use since Apr. 10, 1937.

Ser. No. 410,503. HIRAM GOLDSTEIN, doing business as Utility Products Company, Buffalo, N. Y. Filed Sept. 13, 1938.

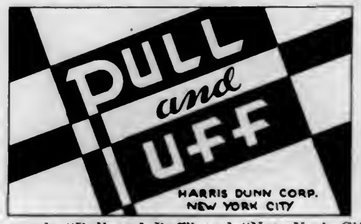


For Carbon Remover.
Claims use since Aug. 1, 1938.

CLASS 8

Smokers' Articles, Not Including Tobacco Products

Ser. No. 408,753. HARRIS DUNN CORPORATION, New York, N. Y. Filed July 21, 1938.



The words "Pull and Puff" and "New York City" are disclaimed apart from the mark.
For Cigarette Cases and Humidors.
Claims use since July 1, 1938.

CLASS 9

Explosives, Firearms, Equipments, and Projectiles

Ser. No. 406,235. VENUSWAFFENWERK OSKAR WILL, INHABER: WILH. FOSS, Zella-Mehlis, Germany. Filed May 11, 1938.



For Air Guns and Air Pistols.
Claims use since 1937.

CLASS 10

Fertilizers

Ser. No. 410,224. ROBERT E. GROFF, doing business as Soilmaster Company, Berrien Springs, Mich. Filed Sept. 2, 1938.

Soilmaster

For Soil Nutriment.
Claims use since Mar. 1, 1930.

CLASS 11

Inks and Inking Materials

Ser. No. 407,834. AMES SUPPLY COMPANY, INC., Chicago, Ill. Filed June 23, 1938.

MERCURY BRAND

The word "Brand" is disclaimed.
For Typewriter Ribbons and Carbon Papers.
Claims use since June 1, 1934.

Ser. No. 407,835. AMES SUPPLY COMPANY, INC., Chicago, Ill. Filed June 23, 1938.

TRUE-MARK BRAND

The word "Brand" is disclaimed.
For Typewriter Ribbons and Carbon Papers.
Claims use since June 1, 1934.

CLASS 12

Construction Materials

Ser. No. 393,498. IRVING F. LAUCKS, Seattle, Wash. Filed June 1, 1937.

SPEEDWALL

For Fabricated Wood Wall Construction Unit.
Claims use since May 15, 1937.

Ser. No. 404,415. THE RAWLPLUG COMPANY, INC., New York, N. Y. Filed Mar. 23, 1938.



The *Fibre* Screw Anchor
With the Blue Strand

The mark consists in the representation of a fibre screw anchor, one of the strands thereof being colored blue, together with the words "The Fibre Screw Anchor with the Blue Strand." In the drawing, one of the strands is lined to show the color blue. Applicant disclaims the mere representation of a fibre screw anchor, except one using a blue strand. Applicant disclaims the words "Fibre Screw Anchor" apart from the mark shown.

For Fibre Screw Anchors for Anchoring Screws in Masonry.
Claims use since Feb. 3, 1938.

Ser. No. 404,416. THE RAWLPLUG COMPANY, INC., New York, N. Y. Filed Mar. 23, 1938.



The *Fibre* Screw Anchor
With the Green Strand

The mark consists in the representation of a fibre screw anchor, one of the strands being colored green, together with the words "The Fibre Screw Anchor with the Green Strand." In the drawing, one of the strands thereof is lined to show the color green. Applicant disclaims the mere representation of a fibre screw anchor, except one using a green strand. Applicant disclaims the words "Fibre Screw Anchor" apart from the mark shown.

For Fibre Screw Anchors for Anchoring Screws in Masonry.
Claims use since Feb. 3, 1938.

Ser. No. 404,417. THE RAWLPLUG COMPANY, INC., New York, N. Y. Filed Mar. 23, 1938.



The *Fibre* Screw Anchor
With the Red Strand

The mark consists in the representation of a fibre screw anchor, one of the strands being colored red, together with the words "The Fibre Screw Anchor with the Red Strand." In the drawing, one of the strands thereof is lined to show the color red. Applicant disclaims the mere representation of a fibre screw anchor, except one using a red strand. Applicant disclaims the words "Fibre Screw Anchor" apart from the mark shown.

For Fibre Screw Anchors for Anchoring Screws in Masonry.
Claims use since Feb. 3, 1938.

Ser. No. 404,603. THE CONSOLIDATED SASH & DOOR COMPANY, Cincinnati, Ohio. Filed Mar. 29, 1938.

Rol-Easy

No claim is made to the word "Rol-Easy" apart from the mark.
For Overhead Garage Doors.
Claims use since Dec. 15, 1937.

Ser. No. 408,008. THE CLEVELAND STANDARD MFG. CO., Cleveland, Ohio. Filed June 29, 1938.



The word "Phoenix" is disclaimed apart from the mark. The words "Winter-Proof", "Combination All-Steel Window", and "Summer-Screen" are disclaimed.
For Auxiliary Windows.
Claims use since Oct. 1, 1937.

Ser. No. 409,670. THE AMERICAN GYPSUM COMPANY, Port Clinton, Ohio. Filed Aug. 17, 1938.



For Acoustical Tile.
Claims use since Apr. 28, 1938.

Ser. No. 410,068. JOHN D. BOLTON, Chicago, Ill. Filed Aug. 29, 1938.

Surfacite

For Concrete Surfacing and Waterproofing Compound.
Claims use since June 11, 1938.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 401,719. AMERICAN POP CORN COMPANY, Sioux City, Iowa. Filed Jan. 10, 1938.

Jolly Time

For Bowls Made of Base Metal for Use of Pop Corn or Other Food.
Claims use since Sept. 16, 1937.

Ser. No. 407,607. SANI AQUA SHOWER CURTAINS, INC., New York, N. Y. Filed June 17, 1938.

AQUA-KING

BATHROOM DRAPES
by
SANI AQUA SHOWER CURTAINS INC.

The words "Bathroom Drapes" are disclaimed apart from the mark.
For Shower Curtains and Bathroom Ensembles Consisting of Shower Curtains and Water Proof and Water Repellent Window Curtains.
Claims use since February, 1933.

Ser. No. 408,864. TIRE TRACTOR CORPORATION, Rosemont, Pa. Filed July 23, 1938.

SKIDNO

For Antiskid-Chains.
Claims use since June 1, 1937.

CLASS 15

Oils and Greases

Ser. No. 400,476. SWAN-FINCH OIL CORPORATION, New York, N. Y. Filed Dec. 4, 1937.

SAFCO

For Fuel Oil, Kerosene, Gasoline, Lubricating Oils, Lubricating Greases, Cutting Lubricants—Oil, Cutting Lubricants—Paste, Drawing Oils, Quenching Oils, Emulsifiable Oils for Lubrication in Machine Shop Operation, Soluble Oils for Lubrication in Machine Shop Operation, Tempering Oils, Marine Engine Oils, and Lard Oil for Lubricating Purposes.
Claims use since Dec. 29, 1936.

Ser. No. 404,494. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Mar. 25, 1938.



Applicant disclaims the word "Oil" apart from the mark.
For Lubricating Oil.
Claims use since Oct. 31, 1937.

Ser. No. 410,005. ROYAL PETROLEUM CORPORATION, New York, N. Y. Filed Aug. 26, 1938.



For Fuel and Heating Oils.
Claims use since December, 1934.

Ser. No. 410,441. SOCONY-VACUUM OIL COMPANY, INCORPORATED, New York, N. Y. Filed Sept. 10, 1938.

MICROPAR

For Petroleum Waxes.
Claims use since Aug. 12, 1938.

CLASS 16

Paints and Painters' Materials

Ser. No. 404,806. HELMER-STALEY, INC., Chicago, Ill. Filed Apr. 2, 1938.

PAINTGIL

For Paint in Stick Form for Marking Building Stones, Structural Steel, Galvanized Iron, Lumber, Motion Picture Films, and the Like.
Claims use since Mar. 24, 1938.

Ser. No. 407,664. WARNECKE & BÖHM, Berlin-Weissensee, Germany. Filed June 20, 1938.

„Ikarol"

For Ready Mixed Paint, Paint in Paste or Powder Form, Lacquers, Stains, and Varnish.
Claims use since October, 1934.

Ser. No. 409,650. MICHAEL MCNAMARA VARNISH WORKS, INC., Detroit, Mich. Filed Aug. 16, 1938.

1872

For Ready Mixed Paints, Varnishes, and Paint Enamels.
Claims use since February, 1937.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 397,369. MIRACLE PRODUCTS, INC., Chicago, Ill. Filed Sept. 13, 1937.

Miracle

For Electrical Goods—Namely, Food Mixers, Flat Irons, Automatic Toasters, Cocktail Shakers, Drink Mixers, Sandwich Toasters, and Electrical Roasters.
Claims use since Apr. 1, 1933.

Ser. No. 408,755. JUBILEE MANUFACTURING COMPANY, Omaha, Nebr. Filed July 21, 1938.

BUGLER

For Electrically Actuated Automobile Horns.
Claims use since May 1, 1938.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 392,081. JAMES BROWN, Amsterdam, N. Y. Filed Apr. 30, 1937.

Spot the Ball

For Picture Puzzles Relating to Various Ball Games, Including Football, Baseball, Basketball, Volleyball, Tennis, Softball, Golf, and Other Games Using a Ball in Play.
Claims use since Mar. 25, 1936.

Ser. No. 401,035. TRU-SHOT CORPORATION, Detroit, Mich. Filed Dec. 18, 1937.

BANG-A-DEER

For Shooting Range Cabinet.
Claims use since Nov. 17, 1937.

Ser. No. 406,913. C. C. M. INCORPORATED, Buffalo, N. Y. Filed May 31, 1938.

C·C·M·

For Ice Skates, Children's Vehicles, Hockey Sticks, Baseball Bats, Tennis Racquets, Badminton Racquets, Skis, Children's Wagons, Roller Skates, Pucks, Hockey Gauntlets, Shin Pads, Goal Pads, Shoulder Pads, Ski Fittings.
Claims use since Feb. 11, 1925.

Ser. No. 409,688. GUSTAVE LANGBEIN, JR., doing business as A. J. Gallager, Philadelphia, Pa. Filed Aug. 17, 1938.

K&L

For Artificial Fly Books Used for Carrying Fishing Flies.
Claims use since Oct. 4, 1933.

Ser. No. 409,876. HIROE HAMAGUCHI, Osaka, Japan. Filed Aug. 23, 1938.

LOGOS

For Chesses and Chessmen for Spelling Games.
Claims use since January, 1938.

Ser. No. 410,036. LEWIS KIRSCHMAN, New York, N. Y. Filed Aug. 27, 1938.

diz·biz

For Card Game Played With Charts and Movable Pieces.
Claims use since May 18, 1938.

Ser. No. 410,431. HORROCKS-IBBOTSON COMPANY, Utica, N. Y. Filed Sept. 10, 1938.



The SEA HORSE

For Fishing Tackle.
Claims use since Aug. 20, 1938.

Ser. No. 410,493. GEORGE L. NICHOLAS, JR., doing business as Nicholas Novelties, Lake Station, Ruxton, Md. Filed Sept. 9, 1938.

PICTURESTICK

For Game, Cross Between Jigsaw Puzzle and Jackstraw.
Claims use since Sept. 6, 1938.

Ser. No. 410,566. WALCO BEAD CO., INC., New York, N. Y. Filed Sept. 14, 1938.

Walco

For Toy Bead Sets, Toy Beads, Toy Looms, and Toy Jewelry Sets.
Claims use since June, 1934.

Ser. No. 410,629. LEON ADLER, doing business as Ciboker Company, Baltimore, Md. Filed Sept. 16, 1938.

TEN SPOT

For Dice Games.
Claims use since Sept. 3, 1938.

CLASS 23

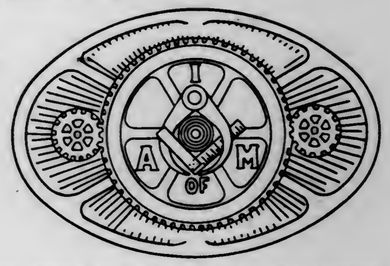
Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 398,986. AMERICAN MANGANESE STEEL COMPANY, Chicago Heights, Ill., now by merger The American Brake Shoe and Foundry Company, a corporation of Delaware. Filed Oct. 27, 1937.

COUNTERFLOW

For Centrifugal or Rotary Pumps and Their Appurtenant Parts, Including Shafting, Bearings, Impeller Hubs, Impellers, Shells, Side Plates, Liners, Ferrules, and Suction Pipe-Line Mouthpieces.
Claims use since January, 1932.

Ser. No. 409,357. THE GRAND LODGE OF THE INTERNATIONAL ASSOCIATION OF MACHINISTS, Washington, D. C. Filed Aug. 8, 1938. Under act of Feb. 20, 1905, as amended June 10, 1938.



For Razors and Razor Blades, Hair Clippers, Meat Saws, Hack-Saw Blades, Circular Band Saws, and Machine Tools Including Lathes, Planers, Milling Machines, Slotters, Drill Presses and Shapers.
Claims use since July 1, 1905.

CLASS 24

Laundry Appliances and Machines

Ser. No. 403,177. HORTON MANUFACTURING COMPANY, Fort Wayne, Ind. Filed Feb. 18, 1938.

Kleenette

For Washing Machines.
Claims use since Sept. 7, 1937.

CLASS 25

Locks and Safes

Ser. No. 405,742. THE STANLEY WORKS, New Britain, Conn. Filed Apr. 26, 1938.

STANLEY

Applicant is the owner of trade-mark registration No. 178,322, effected under the 10-year proviso.
For Window, Door, and Transom Bolts, Latches, and Catches; Window and Screen Fasteners, and Shutter Bars.
Claims use since 1924.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 409,566. DANIEL F. EBBERT, Wheeling, W. Va. Filed Aug. 13, 1938.

"Fireside Talk"

For Finger Rings and Pins Which Are Made of Precious Metals.
Claims use since June 25, 1938.

Ser. No. 409,567. DANIEL F. EBBERT, Wheeling, W. Va. Filed Aug. 13, 1938.

"G. O. P" Liberty

For Finger Rings and Pins Which Are Made of Precious Metals.
Claims use since Aug. 1, 1938.

Ser. No. 410,043. NATIONAL SILVER COMPANY, New York, N. Y. Filed Aug. 27, 1938.

TRIUMPH

For Sterling Silver and Silver Plated Flatware, Hollow Ware, and Tableware.
Claims use since Jan. 14, 1938.

Ser. No. 410,110. INTERNATIONAL SILVER COMPANY, Meriden, Conn. Filed Aug. 30, 1938.

OR

For Silver-Plated Flat-Ware for Table Use and the Like.
Claims use since Aug. 24, 1938.

CLASS 29

Brooms, Brushes, and Dusters

Ser. No. 408,630. WECO PRODUCTS COMPANY, Chicago, Ill. Filed July 18, 1938.

Miracle-Tuft

The word "Tuft" is disclaimed apart from the mark.
For Tooth Brushes.
Claims use since July 8, 1938.

CLASS 32

Furniture and Upholstery

Ser. No. 406,734. SISAL PAD & SPRING UNIT CO., Chicago, Ill. Filed May 25, 1938.

Cent-R-Bilt

For Spring-Units for Use in Various Kinds of Cushions Such as Mattresses, Pads, Bed-Springs, and in Structures Including Cushions, Such as Studio Couches, Gliders, Etc.
Claims use since Apr. 22, 1938.

Ser. No. 410,719. BURTON-DIXIE CORPORATION, Chicago, Ill. Filed Sept. 19, 1938.

POSTURITE

For Mattresses, Box Springs, Bed Springs, Cots, Couches, Gliders, and Pillows.
Claims use since April, 1936.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 396,273. THE W. B. MARVIN MANUFACTURING CO., Urbana, Ohio. Filed Aug. 11, 1937.

PREMIER

For Louver Window Ventilators.
Claims use since August, 1936.

Ser. No. 407,181. BROWN & BIGELOW, St. Paul, Minn. Filed June 7, 1938.

PENCILITE

For Pyrophoric Pencil Lighters.
Claims use since Sept. 1, 1929.

Ser. No. 408,428. WILLIAM H. LUTTON COMPANY, Jersey City, N. J. Filed July 12, 1938.

HYDROVENTLIFT

For Hydraulic Ventilating Sash Lifts.
Claims use since October, 1937.

Ser. No. 408,865. TROPIC-AIRE, INCORPORATED, Chicago, Ill. Filed July 23, 1938.

TROPIC-AIRE CONDITIONED

The words "Aire Conditioned" are disclaimed apart from the mark.
For Air Heating, Air Cooling, and Ventilating Units for Motor Vehicles.
Claims use since July 14, 1938.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 410,106. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio. Filed Aug. 30, 1938.

MAYON

For Tires.
Claims use since July 27, 1938.

CLASS 36

Musical Instruments and Supplies

Ser. No. 410,256. CARL FISCHER MUSICAL INSTRUMENT CO. INC., New York, N. Y. Filed Sept. 3, 1938.

Jorio

For Piano Accordions.
Claims use since February, 1908.

CLASS 37

Paper and Stationery

Ser. No. 409,267. THE GENERAL FIREPROOFING CO., Youngstown, Ohio. Filed Aug. 5, 1938.

VISI-FOLDER

No claim is made to the word "Folder" apart from the mark.
For Folders Used in Filing Drawers.
Claims use since Apr. 8, 1938.

Ser. No. 409,978. SAN-NAP-PAK MFG. CO. INC., New York, N. Y. Filed Aug. 25, 1938.

VELURE

For Bathroom and Toilet Tissue.
Claims use since June 24, 1938.

Ser. No. 410,324. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio. Filed Sept. 7, 1938.

NAMELO

For Paper and Especially Printing Paper.
Claims use since Dec. 8, 1932.

CLASS 38

Prints and Publications

Ser. No. 400,819. KELLOGG COMPANY, Battle Creek, Mich. Filed Dec. 9,. 1937.

Kellogg's

The trade-mark is a facsimile of the surname signature of W. K. Kellogg, president of applicant corporation.
For Occasional Publication or Publications Issued from Time to Time.
Claims use since Jan. 1, 1911.

Ser. No. 402,442. PHILADELPHIA BAR ASSOCIATION, Philadelphia, Pa. Filed Jan. 28, 1938.

The Shingle

For Periodical.
Claims use since Jan. 7, 1938.

Ser. No. 405,022. HEARST MAGAZINES INC., New York, N. Y. Filed Apr. 8, 1938.

House Beautiful's
BUYING GUIDE
FOR THE BRIDE

For Magazine Published Semi-Annually.
Claims use since 1934.

Ser. No. 406,626. ADVENTURES IN GOOD EATING, INC., Chicago, Ill. Filed May 23, 1938.



For Series of Directories of Eating Places Along the Highways of America Published from Time to Time.
Claims use since Apr. 4, 1938.

Ser. No. 406,659. THE SPICE MILL PUBLISHING CO., New York, N. Y. Filed May 23, 1938.

The COFFEE and TEA Digest

For Monthly Publications.
Claims use since Apr. 1, 1938.

Ser. No. 408,663. STOCKHOLDERS PUBLISHING COMPANY, INC., Los Angeles, Calif. Filed July 19, 1938.



The word "Hollywood" is disclaimed apart from the mark.
For Column in a Daily Newspaper.
Claims use since Apr. 19, 1937.

Ser. No. 409,476. LIQUOR PUBLICATIONS, INC., New York, N. Y. Filed Aug. 11, 1938.

Liquor News

For Periodical Issued Weekly.
Claims use since July 21, 1938.

Ser. No. 409,495. EDWARD TERAN, doing business as Insco Publishing Company, Hartford, Conn. Filed Aug. 11, 1938.

Insurance Girl

For Periodical Published Weekly.
Claims use since Aug. 3, 1938.

Ser. No. 409,842. WALTER A. HEINSEN, Chicago, Ill. Filed Aug. 22, 1938.

BUNNYGRAPH

For Photographs.
Claims use since Aug. 17, 1938.

CLASS 39

Clothing

Ser. No. 405,825. MAX SHEVITZ, Los Angeles, Calif. Filed Apr. 28, 1938.

Sissie

For Ladies' Beach and Sport Dresses, Sun Suits, Shorts, Sports Suits, Slack Suits, Robes, Negligees, Pajamas, House Coats, Slacks, Beach Overalls, Jackets.
Claims use since June 10, 1936.

Ser. No. 406,651. ALICE FLOYD MILLER, Chicago, Ill. Filed May 23, 1938.

COMFY-DRY

The word "Dry" is disclaimed apart from the mark.
For Combined Cape and Visor.
Claims use since May 10, 1938.

Ser. No. 408,279. KLEVEN SHOE CO., Spencer, Mass. Filed July 7, 1938.



The expression "Pump-Eeze" is disclaimed apart from the mark.
For Leather Shoes, Fabric Shoes, and Shoes of Leather and Fabric.
Claims use since July 5, 1938.

Ser. No. 408,718. KNICKERBOCKER CLOTHING COMPANY, St. Louis, Mo. Filed July 20, 1938.



The term "Hollywood Styled" is disclaimed apart from the mark.
For Boys' and Men's Suits, Topcoats, Overcoats, and Pants.
Claims use since Apr. 1, 1938.

Ser. No. 408,820. CHARLES ZILBERG, New York, N. Y. Filed July 22, 1938.

BIG CITY

For Underwear for the Use of Men, Women, and Children, and Sweaters.
Claims use since May 14, 1938.

Ser. No. 408,894. PARAGON KNITTING MILLS, doing business as Robert Bruce Knitwear Co., Philadelphia, Pa. Filed July 25, 1938.

FLEXELF

For Knitted Outerwear, Particularly Men's, Boys', and Children's Sweaters.
Claims use since Apr. 4, 1938.

Ser. No. 408,967. THE PRINTZ BIEDERMAN COMPANY, Cleveland, Ohio. Filed July 27, 1938.

PERSHANAY
A NEW Luxurious Fabric

The words "A New Luxurious Fabric" are disclaimed apart from the mark.
For Women's Coats and Suits.
Claims use since May 15, 1938.

Ser. No. 409,161. CUSTOM UNDERGARMENT CORPORATION, New York, N. Y. Filed Aug. 2, 1938.

CORETTE

For Ladies' Slips, Nightgowns, Panties, Negligees, Pajamas, Brassières, and Chemises.
Claims use since July, 1938.

Ser. No. 400,214. STEINER-LIBERTY CORPORATION, Baltimore, Md. Filed Aug. 3, 1938.

SCAMPERS

For Men's, Women's, and Children's Sleeping Garments, Nightshirts, and Men's and Women's Underwear.
Claims use since July 7, 1938.

Ser. No. 409,238. INTERNATIONAL SHOE CO., St. Louis, Mo. Filed Aug. 4, 1938.



For Boots and Shoes of Leather, Fabric, and/or Combinations Thereof.
Claims use since July 22, 1938.

Ser. No. 409,358. HANSEN GLOVE CORPORATION, Milwaukee, Wis. Filed Aug. 8, 1938.

Hansuede

For Leather and Fabric Gloves.
Claims use since July 19, 1938.

Ser. No. 409,569. C. F. HATHAWAY COMPANY, Waterville, Maine. Filed Aug. 13, 1938. Under 10-year proviso.

Hathaway

For Men's Dress and Sport Shirts and Sport Coats, Undershirts and Shorts, Pajamas and Night Shirts, Women's Underwear, Underskirts, Petticoats, and Night Dresses.
Claims use since 1845.

Ser. No. 409,779. POIRETTE CORSETS, INC., New York, N. Y. Filed Aug. 19, 1938.

Biaband

For Foundation Garments, Corsets, Brassières, and Combinations of the Same.
Claims use since May 20, 1938.

Ser. No. 409,809. THE FLORSHEIM SHOE COMPANY, Chicago, Ill. Filed Aug. 20, 1938.

Sit 'n Bull

For Shoes Made of Leather and/or Cloth.
Claims use since July 18, 1938.

Ser. No. 409,828. AARON ROTHCHILD, New York, N. Y. Filed Aug. 20, 1938.

The ★★★★★★ 6-STAR

For Ladies' Hats.
Claims use since Aug. 18, 1938.

Ser. No. 409,944. SYNDICATE CLOTHING COMPANY, Cedar Rapids, Iowa. Filed Aug. 24, 1938.

Forgeweave

For Men's and Boys' Suits, Topcoats, and Overcoats.
Claims use since Aug. 9, 1938.

Ser. No. 410,016. AXEL, LIMITED, New York, N. Y. Filed Aug. 27, 1938.

RAINSUITER

For Golf Jackets, Ski Jackets, and Raincoats for Men, Women, and Children.
Claims use since Aug. 25, 1938.

Ser. No. 410,067. BLUE SWAN MILLS INC., New York, N. Y. Filed Aug. 29, 1938.

Snugthins

For Ladies' and Children's Underwear.
Claims use since July 23, 1938.

Ser. No. 410,069. COLLEGIATE MANUFACTURING COMPANY, New York, N. Y. Filed Aug. 29, 1938.

SWING-JAMA

For Ladies' Pajamas, Underwear, and Slips.
Claims use since July 19, 1938.

Ser. No. 410,129. BEAR BRAND HOSIERY CO., Kankakee and Chicago, Ill. Filed Aug. 31, 1938.

Minute Man

For Hosiery.
Claims use since Aug. 24, 1938.

Ser. No. 410,223. W. T. GRANT COMPANY, New York, N. Y. Filed Sept. 2, 1938.

QUEEN OF THE GARDEN

For Women's Hose.
Claims use since Aug. 25, 1933.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 407,461. ABRAHAM FINGERHUT, doing business as Aster Flower Co., New York, N. Y. Filed June 14, 1938.

ASTER

For Artificial Flowers not Including Asters and Novelties Made with Artificial Flowers.
Claims use since June 10, 1938; since 1918, for the term "Aster".

Ser. No. 408,729. PHILADELPHIA WHOLESALE DRUG COMPANY, Philadelphia, Pa. Filed July 20, 1938.

DRUQUAL

For Combs.
Claims use since July 12, 1938.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 396,454. A. DAVIS & SONS, INC., Jersey City, N. J. Filed Aug. 16, 1937.

QUEEN
CAMEL HAIR

The words "Camel Hair" are disclaimed apart from the mark.
For Textile Fabrics in the Piece Comprised Substantially of Camel Hair in Combination with Cotton, Wool, Silk, or Rayon Either Singly or in Combination.
Claims use since July 27, 1937.

Ser. No. 403,552. WILLIAM LIDDELL & CO., LTD., Belfast, Northern Ireland. Filed Mar. 1, 1938.

GOLD MEDAL
BRAND

Applicant disclaims all wording apart from the mark with the exception of "Unus et Idem" and the Monogram.
For Bedspreads, Tablecloths, Napkins, Traycloths, Sheets, Pillowcases, Bolstercases, Damasks, Bathmats and Table Mats, Towels, Valances, Teacloths, Suppercloths, Toilet Covers, Doilies, Sideboard Cloths, Glass Cloths, Kitchen Cloths, and Basin Cloths, All Being Cotton Goods not in the Piece, and for Piece Goods and Dress Piece Goods.
Claims use since July 12, 1922.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 409,283. ALEXANDER B. PICKANDS, Chicago, Ill. Filed Aug. 5, 1938.

du Dent

For Dentures.
Claims use since Feb. 25, 1938.

Ser. No. 410,058. S. NORRIS VENN, Wilmington, Del. Filed Aug. 27, 1938.

DENTALIUM

For Denture.
Claims use since Aug. 22, 1938.

Ser. No. 410,212. JULIUS ADERER, INC., New York, N. Y. Filed Sept. 2, 1938.

PORS-ON

For Porcelain Material to be Fused to Metals in Dental Work.
Claims use since May 16, 1938.

Ser. No. 410,214. AUSTENAL LABORATORIES, INC., New York, N. Y. Filed Sept. 2, 1938.

VITALON

For Denture Base Material in Granular Form and in the Form of Blanks or Slabs and for Dentures and Denture Parts.
Claims use since July 29, 1938.

Ser. No. 410,217. COSMOS DENTAL PRODUCTS, INC., New York, N. Y. Filed Sept. 2, 1938.

Densene

For Phenol Resin Artificial Dental Replacement Used as a Base for Dentures.
Claims use since Aug. 17, 1938.

Ser. No. 410,266. THE RADIUM EMANATION CORPORATION, New York, N. Y. Filed Sept. 3, 1938.

AMETAL

For Secondary Filters Capable of Filtering off the Harmful Rays Generated by the Radium or Radon Component Present in Radium or Radon-Containing Appliances, Said Secondary Filters Being Composed of a Material Exemplified by Rubber Inhibiting the Generation of Caustic Secondary Beta Radiation.
Claims use since June, 1925.

Ser. No. 410,420. NATIONAL CARBON COMPANY, INC., New York, N. Y. Filed Sept. 9, 1938.

PEARLEX

For Carbons for Use in Therapeutic Arc Lamps and in Other Dental, Medical, and Surgical Appliances.
Claims use since May 25, 1938.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 410,092. SANUS PRODUCTS, INC., New York, N. Y. Filed Aug. 29, 1938.

RICAYA

For Soft Drink.
Claims use since June 15, 1938.

Ser. No. 410,157. LEE C. WARD, Los Angeles, Calif. Filed Aug. 31, 1938.

TRU-ADE

For Non-Alcoholic, Maltless Beverage Used as a Soft Drink and Concentrates and Extracts for Preparing the Same.
Claims use since Aug. 25, 1938.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 394,908. PERFECT FOODS, INC., Lansdale, Pa. Filed July 6, 1937.

HONEY HASH
Deliciously Different

Applicant disclaims the words "Honey" and "Deliciously Different" apart from the mark.
For Popcorn Coated with Honey-Flavored Syrup.
Claims use since October, 1931.

Ser. No. 395,826. H. J. HEINZ COMPANY, Pittsburgh, Pa. Filed July 30, 1937.



For Prepared Canned or Bottled Tomato Food Products—Namely, Tomato Juice.
Claims use since February, 1937.

Ser. No. 397,152. ROCHELLE ASPARAGUS COMPANY, Rochelle, Ill. Filed Sept. 4, 1937.

KRAV-MORE

For Canned Asparagus.
Claims use since Aug. 24, 1937.

Ser. No. 397,153. ROCHELLE ASPARAGUS COMPANY, Rochelle, Ill. Filed Sept. 4, 1937.

Tend-Gren

For Canned Asparagus.
Claims use since Aug. 24, 1937.

Ser. No. 399,026. AMERICAN CHICLE CO., Long Island City, N. Y. Filed Oct. 28, 1937.

ADAMS

LORALS

Applicant is owner of T. M. Reg. No. 113,665 (renewed) effected under the 10-year proviso.
For Confectionery, Particularly Chewing Gum.
Claims use since Aug. 17, 1937.

Ser. No. 401,720. AMERICAN POP CORN COMPANY, Sioux City, Iowa. Filed Jan. 10, 1938.

JOLLY TIME

For Seasoning for Pop Corn and the Like.
Claims use since Jan. 1, 1931.

Ser. No. 402,106. WM. WRIGLEY JR. COMPANY, Chicago, Ill. Filed Jan. 19, 1938.



The shading indicates dark, medium, and light green. No claim is made to the word "Mint" except in association with the word "Triple." The word "Gum" is disclaimed apart from the mark.
For Chewing Gum.
Claims use since Jan. 8, 1938.

Ser. No. 402,187. HUNTER PACKING COMPANY, East St. Louis, Ill. Filed Jan. 21, 1938.



For Canned Tamales.
Claims use since April, 1936.

Ser. No. 404,590. N. DORMAN & COMPANY, New York, N. Y. Filed Mar. 26, 1938.



Applicant disclaims the descriptive words "Genuine Imported Roquefort" apart from the mark as shown in the drawing. The name of the person whose portrait appears in the mark is the Marquis de Lafayette, a historic character who volunteered his services on behalf of the American nation in the Revolutionary War and he is now deceased.
For Cheese, Particularly Chesee Cut Into Portions and Wrapped in Tin-Foil.
Claims use since Jan. 1, 1926.

Ser. No. 406,094. J. B. HAVRE, doing business as J. B. Havre & Co., San Francisco, Calif. Filed May 7, 1938.

GOLDEN DISC

For Canned Fruit.
Claims use since Feb. 8, 1938.

Ser. No. 406,641. THE GLIDDEN COMPANY, Cleveland, Ohio. Filed May 23, 1938.

GLIDSOY

For Coarsely Ground, Low Fiber, Edible Soybean Meal Product Used as a Breakfast Food and as an Ingredient of Foods for Dogs, Cattle, Hogs, Poultry, and Other Farm and Domestic and Carnivorous Animals, or Circus and Zoo Animals and the Like.
Claims use since Dec. 6, 1937.

Ser. No. 406,846. YUNG & MUELLER BAKERY COMPANY, St. Louis, Mo. Filed May 27, 1938.



For Pies.
Claims use since May, 1934.

Ser. No. 406,925. HONDROULIS BROS. INC., Baltimore, Md. Filed May 31, 1938.

ARTEMIS

For Olive Oil, Olives, Canned Vegetables, Canned Fruits, Canned Fish, Baking Powder, Honey.
Claims use since Jan. 5, 1938.

Ser. No. 407,374. GOODWIN CITRUS ASSOCIATION, Mission, Tex. Filed June 11, 1938.

TEXAS GIRL

The word "Texas" is disclaimed apart from the mark.
For Fresh Citrus Fruits.
Claims use since November, 1937.

Ser. No. 407,580. CHAS. A. KRAUSE MILLING COMPANY, Greenfield, Wis. Filed June 17, 1938.

AMERIKORN

For Human and Animal Food Products, Composed Wholly and Mainly of Grains and Seeds or Mixtures Thereof—Namely, Corn Flour, Corn Meal, Corn Grits, Hominy Flakes, and Dairy Feed.
Claims use since Mar. 11, 1918.

Ser. No. 408,165. MUSOLINO LO CONTE CO., doing business as Lion Brand Products Co., Boston, Mass. Filed July 2, 1938.

SAN MARTIN

For Macaroni.
Claims use since 1919.

Ser. No. 408,388. M & R DIETETIC LABORATORIES, INC., Columbus, Ohio. Filed July 11, 1938.

MILAC

For Condensed Milk Product Comprising a Blend of Cream, Milk Solids, Sugar, and Stabilizers for Use in Ice Cream Manufacture.
Claims use since June 20, 1938.

Ser. No. 408,501. RUSSELL B. HILLS, doing business as Michigan Pop Corn Company, Grand Rapids, Mich. Filed July 14, 1938.



STA-KRISP
French Fried
POPT CORN

The wording is disclaimed apart from the mark.
For Canned and Bagged Popped Corn.
Claims use since Mar. 15, 1938.

Ser. No. 408,583. JOSEPH L. SORDILLO, Baltimore, Md. Filed July 16, 1938.



A Queenly Package

No claim is made to the word "Package" apart from the mark.
For Candy.
Claims use since June 27, 1938.

Ser. No. 408,697. FRESH FRUIT JUICES, INC., Lakeland, Fla. Filed July 20, 1938.

Toby

For Canned Fruit Juices for Food Purposes.
Claims use since Apr. 13, 1938.

Ser. No. 408,802. KANSAS CITY MACARONI & IMPORTING CO., doing business as Faust Macaroni Company and American Beauty Macaroni Company, Kansas City, Mo. Filed July 22, 1938.

RONI-DINNER

No claim is made for the word "Dinner" apart from the mark.
For Canned Food Preparation of Macaroni, Cheese, Butter, and Milk.
Claims use since Jan. 2, 1938.

Ser. No. 408,920. GOLDEN STATE COMPANY, LTD., San Francisco, Calif. Filed July 26, 1938.

GOLDEN HY-BAKE

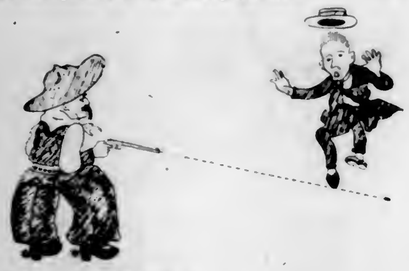
For Product Consisting of Skim Milk Solids in Powder Form Used Principally as an Ingredient in the Manufacture of Bread and Other Bakery Products and also as an Ingredient in Ice Cream, Candy, Sausage, and Other Foods in which Milk Solids are Desirable.
Claims use since June 17, 1938.

Ser. No. 408,949. ROY ALEXANDER HUNTER, Vancouver, British Columbia, Canada. Filed July 27, 1938.

GENETIK

For All Wheat Flour, Bread, and Crackers.
Claims use since May 12, 1937.

Ser. No. 409,075. F. G. VOGT & SONS, INCORPORATED, Philadelphia, Pa. Filed July 29, 1938.



The figures are fanciful.
For Canned Pigs Feet.
Claims use since July 6, 1938.

Ser. No. 409,131. JOSEPH LA ROSA & SONS, Modesto, Calif. Filed Aug. 1, 1938.

Royal Choice

For Fresh Grapes.
Claims use since July 16, 1938.

Ser. No. 409,154. J. B. CARR BISCUIT COMPANY, Wilkes-Barre, Pa. Filed Aug. 2, 1938.



The word "Grahams" is disclaimed apart from the mark.
For Graham Crackers.
Claims use since January, 1930.

Ser. No. 409,583. KENDRICK S. NICHOLS, doing business as Nichols Food Products Company, St. Paul, Minn. Filed Aug. 13, 1938.



The word "Kernel" is disclaimed apart from the mark.
For Buttered and Salted Popcorn.
Claims use since Nov. 21, 1935.

Ser. No. 409,644. EN VIE FOOD CORPORATION, Hillside, N. J. Filed Aug. 16, 1938.

En Vie

For Cocoa Malted Milk Drink.
Claims use since Aug. 12, 1938.

Ser. No. 409,685. GOLDEN STATE COMPANY, LTD., San Francisco, Calif. Filed Aug. 17, 1938.

NUTRIMIX

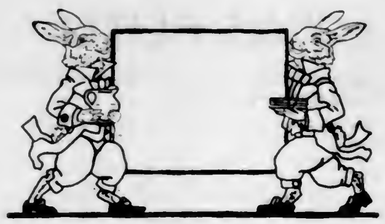
For Product Consisting of Skim Milk Solids, in Powdered Form Used Principally as an Ingredient in the Manufacture of Bread and other Bakery Products and also as an Ingredient in Ice Cream, Candy, Sausage, and other Goods in which Milk Solids are Desirable.
Claims use since June 30, 1938.

Ser. No. 409,934. PENICK & FORD, LTD. INCORPORATED, New York, N. Y. Filed Aug. 24, 1938.

Brer Rabbit

For Sugar Cane Syrup and Molasses.
Claims use since Jan. 2, 1907.

Ser. No. 409,936. PENICK & FORD, LTD. INCORPORATED, New York, N. Y. Filed Aug. 24, 1938.



For Sugar Cane Syrups and Molasses.
Claims use since Jan. 2, 1907.

CLASS 47

Wines

Ser. No. 392,156. G. LOEWUS & CO., INC., Newark, N. J. Filed May 1, 1937.



The name "Ramona" is disclaimed. The portrait is fanciful.
For Wines.
Claims use since Mar. 9, 1937.

Ser. No. 408,237. ELLENA BROTHERS, Etiwanda, Calif. Filed July 6, 1938.

PINK LABEL

No claim is made to the exclusive use of a pink colored label.
For Champagne.
Claims use since June 27, 1938.

Ser. No. 408,771. GEFFEN INDUSTRIES, INC., Long Island City, N. Y. Filed July 16, 1938.



For Wine.
Claims use since July 5, 1938.

CLASS 48

Malt Beverages and Liquors

Ser. No. 406,109. BAVARIAN BREWING CO., INC., Covington, Ky. Filed May 9, 1938.

CINCINNATI'S PRIDE

The word "Cincinnati's" is disclaimed except as shown.
For Beer.
Claims use since Apr. 29, 1938.

Ser. No. 410,085. PREMIER-PABST CORPORATION, Peoria Heights, Ill. Filed Aug. 29, 1938.

Andeker

For Beer.
Claims use since July 7, 1938.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 396,258. BEN-BURK, INC., Boston, Mass. Filed Aug. 11, 1937.

OLD MR. BOSTON GOLDEN MARTINI

Applicant is owner of T. M. Reg. No. 341,344 effected under the 10-year proviso for the word "Boston". The words "Golden Martini" are disclaimed apart from the mark.

For Bottled Cocktails Containing Gin.
Claims use since July 13, 1937.

Ser. No. 410,331. ALBERT MARTIN, New Orleans, La. Filed Sept. 7, 1938.



For Cocktails.
Claims use since Feb. 21, 1938.

Ser. No. 410,534. J. T. S. BROWN'S SON COMPANY, Early Times, Ky. Filed Sept. 14, 1938.



The pictures are those of J. T. S. Brown, Sr., deceased, Creel Brown, Sr., deceased, and Creel Brown, Jr., president of applicant company. The word "Brand" is disclaimed apart from the mark.

For Whiskey, Gin, Rum, Brandy, and Alcoholic Cordials.
Claims use since July 19, 1938.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 398,654. QUAKER STRETCHER COMPANY, Kenosha, Wis. Filed Oct. 18, 1937.

Quaker

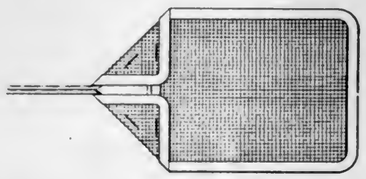
For Curtain Stretchers.
Claims use since July 1, 1937.

Ser. No. 403,849. AMERICAN HAIR & FELT COMPANY, Chicago, Ill. Filed Mar. 9, 1938.

KIL-KLATTER

For Typewriter Pads.
Claims use since Nov. 18, 1937.

Ser. No. 404,281. R. BROWNSON & COMPANY, Hastings, Minn. Filed Mar. 18, 1938.



The representation of the fly swatter forms no part of the mark. Mark consists of a pair of separated silver stripes extending across the wire mesh of the fly swatter blade.

For Fly Swatters.
Claims use since Sept. 27, 1937.

Ser. No. 409,234. CHARLES B. CHATFIELD, Woodbury, Conn. Filed Aug. 4, 1938.

PLUS+LITE

For Marking Boards for Use in Schools and Otherwise.
Claims use since July 27, 1938.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

OCTOBER 25, 1938

361,559. BUTT-WELDED PIPE, LAP-WELDED PIPE, SEAMLESS PIPE, ELECTRICALLY WELDED PIPE, DIPPED PIPE, WELL CASING, TUBING, DRIVE PIPE, ETC. THE YOUNGSTOWN SHEET AND TUBE COMPANY, Youngstown, Ohio.
Filed June 27, 1935. Serial No. 366,751. PUBLISHED OCTOBER 15, 1935. Class 13.

361,560. CUP LEATHERS, VALVE LEATHERS, CRIMPS, U PACKING AND LEATHER WASHERS FOR WATER WELLS OR MECHANICAL PUMPS, TREATED, UNTREATED, OILED, DYED, OR GRAPHITED. C. F. ADAMS, INCORPORATED, Fort Worth, Tex.
Filed July 9, 1936. Serial No. 380,817. PUBLISHED AUGUST 16, 1938. Class 35.

361,561. NONALCOHOLIC, MALTLESS SYRUPS AND FLAVORS FOR SOFT DRINKS AND MIXERS. JERO PRODUCTS CO., Chicago, Ill.
Filed July 25, 1936. Serial No. 381,459. PUBLISHED AUGUST 16, 1938. Class 45.

361,562. CHEWING GUM. TEN CROWN GUM CO., INC., Naugatuck, Conn.
Filed January 13, 1937. Serial No. 387,764. PUBLISHED AUGUST 16, 1938. Class 46.

361,563. CARDIGANS AND PULLOVER SWEATERS. GEORGE PECK (LEICESTER) LIMITED, Leicester, England
Filed February 10, 1937. Serial No. 388,725. PUBLISHED AUGUST 16, 1938. Class 39.

361,564. FROSTED FRUITS AND VEGETABLES. ACEA R. HABEN, San Antonio, Tex., assignor to Twentieth Century Frosted Foods Corp., San Antonio, Tex., a corporation.
Filed April 19, 1937. Serial No. 391,527. PUBLISHED OCTOBER 12, 1937. Class 46.

361,565. WOVEN ELASTIC FABRICS OF THE WIDER WIDTHS, INCLUDING RUBBER THREAD AND ANY OF THE COMMON TEXTILE FIBERS, OR COMBINATIONS OF THE SAME, AND SOLD BOTH IN THE PIECE AND IN CUT LENGTHS. UNITED ELASTIC CORPORATION, Easthampton, Mass.
Filed July 27, 1937. Serial No. 395,689. PUBLISHED AUGUST 16, 1938. Class 42.

361,566. JELLIES, FRUIT BUTTERS, MARMALADES, HONEY, FRUIT PRESERVES, PICKLES, CONSERVES, MANGO CHUTNEY AND CITRON MELON. HOWARD PRESERVING COMPANY, INC., Miami, Fla.
Filed August 12, 1937. Serial No. 396,342. PUBLISHED MAY 24, 1938. Class 46.

361,567. FRESH CITRUS FRUITS. THE MCDONALD CORPORATION, Auburndale, Fla.
Filed August 12, 1937. Serial No. 396,345. PUBLISHED JANUARY 4, 1938. Class 46.

361,568. PITCH, TAR, BITUMINOUS MATERIALS FOR COMPOUNDING RUBBER, AND ASPHALT FOR USE IN THE MANUFACTURING ARTS, PARTICULARLY IN THE MANUFACTURE OF RUBBER GOODS, PAINTS, AND WATERPROOF MATERIALS. THE BARRETT COMPANY, New York, N. Y.
Filed September 7, 1937. Serial No. 397,170. PUBLISHED AUGUST 23, 1938. Class 1.

361,569. SMOKED FISH, PICKLED FISH, SALTED FISH, AND CANNED FISH. CHICAGO SMOKED FISH CO., Chicago, Ill.
Filed September 23, 1937. Serial No. 397,703. PUBLISHED AUGUST 16, 1938. Class 46.

361,570. ACCOUNTING MACHINES; CARD AND TAPE PUNCHES INCLUDING DUPLICATING, REPRODUCING, TRANSLATING, SUMMARY, AND COMPUTING PUNCHES; TYPEWRITER KEY-PUNCH HOOK-UPS, TABULATORS, INTERPRETERS, SORTERS, VERIFIERS, AND PARTS THEREOF. REMINGTON RAND INC., Buffalo, N. Y.
Filed October 14, 1937. Serial No. 398,493. PUBLISHED AUGUST 16, 1938. Class 26.

361,571. CIGARETTES. MELKON M. SAMOORIAN, Somerville, Mass.
Filed November 9, 1937. Serial No. 399,531. PUBLISHED AUGUST 16, 1938. Class 17.

361,572. DETERGENTS FOR USE IN TEXTILE WORK. WARWICK CHEMICAL COMPANY, West Warwick, R. I.
Filed November 11, 1937. Serial No. 399,630. PUBLISHED MAY 10, 1938. Class 4.

361,573. MEN'S AND BOYS' DRESS, NEGLIGEE, AND WORK SHIRTS, PAJAMAS, UNDERWEAR, SWEATERS, NIGHTROBES, AND RUNNING PANTS, ALL MADE OF TEXTILE FABRICS. NIRENBERG & SALZMAN, INC., New York, N. Y.
Filed November 12, 1937. Serial No. 399,673. PUBLISHED AUGUST 16, 1938. Class 39.

361,574. TRAILERS. THE TRAILER COMPANY OF AMERICA, Cincinnati, Ohio.
Filed November 16, 1937. Serial No. 399,811. PUBLISHED AUGUST 16, 1938. Class 19.

361,575. LADIES' DRESSES. KLEIN & SOBELMAN, St. Louis, Mo.
Filed November 17, 1937. Serial No. 399,839. PUBLISHED AUGUST 16, 1938. Class 39.

361,576. THERMOSTATS, THERMOSTATIC VALVES, AND A COMBINATION GAS COCK, THERMOSTATIC REGULATOR VALVE, AND THERMOSTATIC SAFETY VALVE. GRAYSON HEAT CONTROL, LTD., Lynwood, Calif.
Filed November 22, 1937. Serial No. 400,007. PUBLISHED AUGUST 16, 1938. Class 26.

361,577. CANNED FISH—NAMELY, CANNED SALMON. NEW ENGLAND FISH COMPANY, Seattle, Wash.
Filed November 23, 1937. Serial No. 400,066. PUBLISHED JANUARY 18, 1938. Class 46.

361,578. PANTIES, STEPINS, BLOOMERS, VESTS, GOWNS, CHEMISES, SLIPS, PETTICOATS; BLOUSES FOR LADIES AND BOYS; POLO SHIRTS FOR MEN, WOMEN, AND BOYS; PAJAMAS FOR MEN, WOMEN, AND BOYS. MAYER STERN UNDERGARMENT CO., INC., New York, N. Y.
Filed November 24, 1937. Serial No. 400,115. PUBLISHED AUGUST 16, 1938. Class 39.

361,579. BED CONDITIONERS PARTICULARLY EARTHENWARE VESSELS FOR HOLDING HOT OR COLD WATER. SUPERWARMER CORPORATION, Newtonville, Mass.
Filed November 24, 1937. Serial No. 400,136. PUBLISHED AUGUST 16, 1938. Class 44.

361,580. WINES. SCHENLEY IMPORT CORPORATION, New York, N. Y.
Filed December 7, 1937. Serial No. 400,572. PUBLISHED AUGUST 16, 1938. Class 47.

361,581. WHEAT FLOUR. COMMERCIAL MILLING COMPANY, Detroit, Mich.
Filed December 9, 1937. Serial No. 400,668. PUBLISHED AUGUST 16, 1938. Class 46.

361,582. ABSORPTION PAD IN THE NATURE OF A RELATIVELY LARGE, SQUARE PAD FOR USE BENEATH THE PATIENT DURING CHILDBIRTH, AND GAUZE DRESSING. NORMA R. McFADDEN, Kansas City, Mo., assignor to George J. Smith and Emil Metschan, both of Kansas City, Mo., doing business as a firm partnership.
Filed December 13, 1937. Serial No. 400,780. PUBLISHED AUGUST 16, 1938. Class 44.

361,583. GOLF CLUBS AND PARTS THEREOF. KENNETH SMITH, Lenexa, Kans.
Filed December 13, 1937. Serial No. 400,799. PUBLISHED AUGUST 9, 1938. Class 22.

361,584. MISSES' DRESSES. MAX WIESEN & SONS CO. INC., New York, N. Y.
Filed December 29, 1937. Serial No. 401,357. PUBLISHED AUGUST 16, 1938. Class 39.

361,585. DAIRY FEED. CHARLESTON MILLING COMPANY, Charleston, W. Va.
Filed January 6, 1938. Serial No. 401,636. PUBLISHED AUGUST 16, 1938. Class 46.

361,586. WHEAT FLOUR. CHARLESTON MILLING COMPANY, Charleston, W. Va.
Filed January 6, 1938. Serial No. 401,637. PUBLISHED AUGUST 16, 1938. Class 46.

361,587. FRUIT JUICE EXTRACTORS FOR EXTRACTING JUICES FROM FRUITS SUCH AS ORANGES, LEMONS, GRAPEFRUIT, AND THE LIKE. NATIONAL DIE CASTING SALES CORP., Chicago, Ill.
Filed January 21, 1938. Serial No. 402,197. PUBLISHED AUGUST 16, 1938. Class 23.

361,588. REELS PROVIDED WITH ASSOCIATED MOVABLE KNIVES FOR WINDING AND CUTTING WEBS OF CELLULOSE FILMS. SYSTEM MACHINE COMPANY, Wilmington, Calif.
Filed January 26, 1938. Serial No. 402,349. PUBLISHED AUGUST 16, 1938. Class 23.

361,589. PAINT ENAMELS, AN UNDERCOATING, AND A THINNER. T. J. RONAN CO. INC., New York, N. Y.
Filed February 8, 1938. Serial No. 402,827. PUBLISHED AUGUST 16, 1938. Class 16.

361,590. MEN'S AND BOYS' MACKINAWS AND SPORTSWEAR—NAMELY, COATS, LUMBER JACKETS, WINDBREAKERS, SKI PANTS, SKI JACKETS, AND SKI PARKAS MADE OF WOOL MATERIAL PLAIN AND FANCY PATTERNS. FOX KNAPP MFG. CO., New York, N. Y.
Filed February 10, 1938. Serial No. 402,906. PUBLISHED AUGUST 16, 1938. Class 39.

361,591. STORAGE BATTERIES AND SPARK PLUGS. AUTO-LEC STORES, INC., New Orleans, La.
Filed February 11, 1938. Serial No. 402,926. PUBLISHED JULY 12, 1938. Class 21.

361,592. WHISKIES, GINS, AND ALCOHOLIC CORDIALS. KRAUS BROS. & CO., INC., New York, N. Y.
Filed February 21, 1938. Serial No. 403,267. PUBLISHED AUGUST 16, 1938. Class 49.

361,593. MEN'S AND BOYS' OVERCOATS AND TOPCOATS. JACOB POLLACK & SONS, New York, N. Y.
Filed March 11, 1938. Serial No. 403,961. PUBLISHED AUGUST 16, 1938. Class 39.

361,594. FISH AND SHELLFISH CONTAINED IN CANS. ROBERT M. GARDINER, San Francisco, Calif.
Filed March 14, 1938. Serial No. 404,041. PUBLISHED AUGUST 16, 1938. Class 46.

361,595. BOND PAPER. THE McBEE COMPANY, Athens, Ohio.
Filed March 18, 1938. Serial No. 404,223. PUBLISHED AUGUST 23, 1938. Class 37.

361,596. COMFORTS. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y.
Filed March 26, 1938. Serial No. 404,539. PUBLISHED AUGUST 16, 1938. Class 42.

361,597. TOYS INCLUDING OBJECTS MADE SUBSTANTIALLY OF NONSHATTERABLE FIBROUS MATERIAL IN THE SHAPE OF DOGS, BEARS, RABBITS, CATS, DUCKS, CHICKENS, AND OTHER ANIMAL-LIKE FORMS; SANTA CLAUS, CLOWNS, ETC. PULP PRODUCTS COMPANY, INC., New York, N. Y.
Filed March 26, 1938. Serial No. 404,545. PUBLISHED AUGUST 9, 1938. Class 22.

361,598. POPPED AND UNPOPPED POPCORN. POPMATIC MANUFACTURING COMPANY, St. Louis, Mo.
Filed March 28, 1938. Serial No. 404,583. PUBLISHED AUGUST 16, 1938. Class 46.

361,599. BIRD, FISH, DOG, CAT, FOX, POULTRY, RABBIT, MONKEY, RAT, MICE, AND SQUIRREL FOODS. CLARENCE G. ASH, Huntington Park, Calif.
Filed April 1, 1938. Serial No. 404,739. PUBLISHED AUGUST 16, 1938. Class 46.

361,600. LADIES' AND MISSES' BLOUSES. MURRAY PRESSLAFF, New York, N. Y.
Filed April 1, 1938. Serial No. 404,775. PUBLISHED AUGUST 16, 1938. Class 39.

361,601. GOLF BALLS. IRA D. MALBROUGH, JR., doing business as Great Lakes Golf Ball Company, Chicago, Ill.
Filed April 2, 1938. Serial No. 404,814. PUBLISHED AUGUST 9, 1938. Class 22.

361,602. BEARING MEMBERS FOR WATT-HOUR METERS, INCLUDING PARTICULARLY A NONCORROSIVE PIVOT FORMED MAINLY OF GOLD AND PLATINUM. DUNCAN ELECTRIC MANUFACTURING COMPANY, Lafayette, Ind.
Filed April 4, 1938. Serial No. 404,838. PUBLISHED AUGUST 16, 1938. Class 26.

361,603. MUSICAL STRING, WIND, AND PERCUSSION INSTRUMENTS CONSISTING OF VIOLINS, GUITARS, UKULELES, MANDOLINS, ETC. TARG AND DINNER, INC., Chicago, Ill.
Filed April 4, 1938. Serial No. 404,872. PUBLISHED AUGUST 16, 1938. Class 36.

361,604. SILK STOCKINGS. ARISTOC LIMITED, Langley Mill, England.
Filed April 7, 1938. Serial No. 404,977. PUBLISHED AUGUST 16, 1938. Class 39.

361,605. WHEAT-FLOUR, SELF-RISING FLOUR, CAKE FLOUR, GRAHAM FLOUR, AND PANCAKE FLOUR. BLISH MILLING COMPANY, Seymour, Ind.
Filed April 7, 1938. Serial No. 404,979. PUBLISHED AUGUST 16, 1938. Class 46.

361,606. INSECTICIDE. THE HAMMOND PAINT & CHEMICAL CO. INC., Beacon, N. Y.
Filed April 7, 1938. Serial No. 404,988. PUBLISHED JULY 19, 1938. Class 6.

361,607. KNITTED SWEATERS. FRIENDLY KNITTING MILLS, INC., Brooklyn, N. Y.
Filed April 13, 1938. Serial No. 405,201. PUBLISHED AUGUST 16, 1938. Class 39.

361,608. PURSE KIT, IN THE NATURE OF A PURSE OR HANDBAG. MARION J. E. SMITH, New York, N. Y.
Filed April 13, 1938. Serial No. 405,225. PUBLISHED AUGUST 16, 1938. Class 3.

361,609. FOLDING CHAIRS. TOBY CLARK, INC., New York, N. Y.
Filed April 16, 1938. Serial No. 405,374. PUBLISHED AUGUST 16, 1938. Class 32.

361,610. TOP. DONALD F. DUNCAN, INC., Chicago, Ill.
Filed April 18, 1938. Serial No. 405,384. PUBLISHED AUGUST 9, 1938. Class 22.

361,611. WEARING APPAREL FOR WOMEN AND CHILDREN—NAMELY, NIGHT GOWNS, PAJAMAS, SLIPS, AND PANTIES. AMERICAN MAID COMPANY, INC., Chicago, Ill.
Filed April 20, 1938. Serial No. 405,472. PUBLISHED AUGUST 16, 1938. Class 39.

361,612. GAMES, PLAYED WITH MOVABLE PIECES. PEARSON, MAGHIELSE & BUTTRICK, INC., Grand Rapids, Mich.
Filed April 20, 1938. Serial No. 405,517. PUBLISHED AUGUST 9, 1938. Class 22.

361,613. DRESSES FOR THE USE OF WOMEN AND MISSES. NAT ABELSON, New York, N. Y.
Filed April 28, 1938. Serial No. 405,801. PUBLISHED AUGUST 16, 1938. Class 39.

361,614. PAPER CUPS AND SIMILAR PAPER CONTAINERS FOR DISPENSING ICE CREAM AND THE LIKE. THE PURITY PAPER VESSELS COMPANY, Baltimore, Md.
Filed April 29, 1938. Serial No. 405,866. PUBLISHED JULY 12, 1938. Class 2.

361,615. HOSIERY. PICCADILLY HOSIERY MILLS, Philadelphia, Pa.
Filed April 30, 1938. Serial No. 405,892. PUBLISHED AUGUST 16, 1938. Class 39.

361,616. FARINA. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn.
Filed April 30, 1938. Serial No. 405,909. PUBLISHED AUGUST 16, 1938. Class 46.

361,617. FARINA. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn.
Filed April 30, 1938. Serial No. 405,910. PUBLISHED AUGUST 16, 1938. Class 46.

361,618. COTTON SEED FOR PLANTING. DELTA & PINE LAND CO. OF MISSISSIPPI, Scott, Miss.
Filed May 2, 1938. Serial No. 405,920. PUBLISHED AUGUST 16, 1938. Class 1.

361,619. TRICHINOSCOPES, LAMPS FOR MEDICAL PURPOSES—NAMELY, LAMPS FOR THE IRRADIATION OF SMALL CAVITIES, AND LAMPS FIXED ON A STAND FOR VARIOUS MEDICAL PURPOSES TO BE USED BY DENTISTS, GENERAL PRACTITIONERS, SURGEONS, AND THE LIKE. OPTIKOTECHNA SPOLEČNOST S. R. O., Prerov, Czechoslovakia.
Filed May 3, 1938. Serial No. 405,976. PUBLISHED AUGUST 16, 1938. Class 44.

361,620. LADIES' AND MISSES' COATS AND SUITS. METZGER & COHEN, New York, N. Y.
Filed May 6, 1938. Serial No. 406,065. PUBLISHED AUGUST 16, 1938. Class 39.

361,621. CERAMIC COOKING WARE. WERNER KRUGER, New York, N. Y.
Filed May 6, 1938. Serial No. 406,077. PUBLISHED AUGUST 16, 1938. Class 30.

361,622. MACARONI DINNER COMPRISING MACARONI AND GRATED CHEESE. ROBILIO & CUNEO, Memphis, Tenn.
Filed May 9, 1938. Serial No. 406,152. PUBLISHED AUGUST 16, 1938. Class 46.

361,623. PLUSHES IN THE PIECE MADE OF SILK, COTTON, WOOL, AND/OR COMBINATIONS THEREOF. THE HIND & HARRISON PLUSH COMPANY, New York and Clark Mills, N. Y.
Filed May 12, 1938. Serial No. 406,249. PUBLISHED AUGUST 16, 1938. Class 42.

361,624. NONALCOHOLIC, MALTLESS, CARBONATED BEVERAGES AND BEVERAGE SYRUPS. EMPIRE BOTTLING COMPANY, Malden, Mass.
Filed May 17, 1938. Serial No. 406,419. PUBLISHED AUGUST 16, 1938. Class 45.

361,625. ELECTRIC WIRING DEVICES FOR HOUSES AND SIMILAR BUILDINGS, IN THE NATURE OF SWITCHES, RECEPTACLES, PLUG CAPS, SOCKETS, CONNECTORS, AND THE LIKE. THE MONOWATT ELECTRIC CORPORATION, Providence, R. I.
Filed May 19, 1938. Serial No. 406,522. PUBLISHED AUGUST 16, 1938. Class 21.

361,626. MEN'S DRESS AND NEGLIGEE SHIRTS, SPORT SHIRTS, PAJAMAS, AND UNDERWEAR. THE ENRO SHIRT CO., Louisville, Ky.
Filed May 21, 1938. Serial No. 406,583. PUBLISHED AUGUST 16, 1938. Class 39.

361,627. CHEESE. VOINVIENTI-OSUUSLIIKE VALIO R. L., Helsingfors, Finland.
Filed May 21, 1938. Serial No. 406,609. PUBLISHED AUGUST 16, 1938. Class 46.

361,628. SUPERCHARGERS FOR USE ON INTERNAL-COMBUSTION ENGINES. THOMAS H. BURNS, Boston, Mass.
Filed May 24, 1938. Serial No. 406,675. PUBLISHED AUGUST 16, 1938. Class 23.

361,629. CANNED FRUITS, CANNED VEGETABLES, AND CANNED FRUIT JUICES FOR FOOD PURPOSES. H. E. BUTT GROCERY COMPANY, Harlingen, Tex.
Filed May 25, 1938. Serial No. 406,707. PUBLISHED AUGUST 16, 1938. Class 46.

361,630. HEARING-AID DEVICES AND ACOUSTIC ELEMENTS AND ACCESSORIES THEREOF, SUCH AS SOUND TRANSMITTERS, TELEPHONE RECEIVERS, HEARING-INDUCING BONE OSCILLATORS, AND ELECTRIC SOUND AMPLIFIERS. SONOTONE CORPORATION, Elmsford, N. Y.
Filed June 1, 1938. Serial No. 406,991. PUBLISHED AUGUST 16, 1938. Class 44.

361,631. ELECTRICAL CONNECTORS. BURNDY ENGINEERING COMPANY, INC., New York, N. Y.
Filed June 6, 1938. Serial No. 407,125. PUBLISHED AUGUST 16, 1938. Class 21.

361,632. SANITARY NAPKINS. STANLEY LABORATORIES, INC., Portland, Oreg.
Filed June 6, 1938. Serial No. 407,162. PUBLISHED AUGUST 16, 1938. Class 39.

361,633. ABRASIVE GRINDING WHEELS AND ABRASIVE FLANGES THEREFOR. ABRASIVE COMPANY, Philadelphia, Pa.
Filed June 8, 1938. Serial No. 407,209. PUBLISHED AUGUST 16, 1938. Class 4.

361,634. PIECE GOODS MADE WHOLLY OR PARTIALLY OF CELLULOSE DERIVATIVES. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed June 8, 1938. Serial No. 407,217. PUBLISHED AUGUST 16, 1938. Class 42.

361,635. ALE AND BEER. HAMPDEN BREWING COMPANY, Willimansett, Mass.
Filed June 8, 1938. Serial No. 407,223. PUBLISHED AUGUST 16, 1938. Class 48.

361,636. PIECE GOODS MADE FROM RAYON, COTTON, AND RAYON AND COTTON. RAYNIT MILLS, West New York, N. J.
Filed June 8, 1938. Serial No. 407,246. PUBLISHED AUGUST 16, 1938. Class 42.

361,637. PIECE GOODS MADE FROM RAYON, COTTON, AND RAYON AND COTTON. RAYNIT MILLS, West New York, N. J.
Filed June 8, 1938. Serial No. 407,247. PUBLISHED AUGUST 16, 1938. Class 42.

361,638. CORNSTARCH. AMERICAN MAIZE-PRODUCTS COMPANY, New York, N. Y.
Filed June 9, 1938. Serial No. 407,256. PUBLISHED AUGUST 16, 1938. Class 46.

361,639. SATIN LINING FABRICS IN THE PIECE. H. A. GITLIN & CO., New York, N. Y.
Filed June 9, 1938. Serial No. 407,265. PUBLISHED AUGUST 16, 1938. Class 42.

361,640. FINISHED PIECE GOODS OF SPUN RAYON AND COTTON MIXTURE. S. T. PALAY TEXTILE CORPORATION, New York, N. Y.
Filed June 9, 1938. Serial No. 407,277. PUBLISHED AUGUST 16, 1938. Class 42.

361,641. FINISHED RAYON PIECE GOODS. S. T. PALAY TEXTILE CORPORATION, New York, N. Y.
Filed June 9, 1938. Serial No. 407,278. PUBLISHED AUGUST 16, 1938. Class 42.

361,642. ELECTRIC MOTORS. DYNAMATIC CORPORATION, Kenosha, Wis.
Filed June 10, 1938. Serial No. 407,310. PUBLISHED AUGUST 16, 1938. Class 21.

361,643. WASHING POWDER. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed June 10, 1938. Serial No. 407,326. PUBLISHED AUGUST 16, 1938. Class 4.

361,644. CANNED DOG FOOD. DR. W. J. ROSS CO., Los Alamitos, Calif.
Filed June 10, 1938. Serial No. 407,331. PUBLISHED AUGUST 16, 1938. Class 46.

361,645. BUTTER. SWIFT AND COMPANY, Chicago, Ill.
Filed June 10, 1938. Serial No. 407,336. PUBLISHED AUGUST 16, 1938. Class 46.

361,646. VACUUM INDUCING THERAPEUTIC APPARATUS. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio.
Filed June 11, 1938. Serial No. 407,373. PUBLISHED AUGUST 16, 1938. Class 44.

361,647. DRY CLEANING COMPOUND. R. R. STREET & CO., INC., Chicago, Ill.
Filed June 11, 1938. Serial No. 407,394. PUBLISHED AUGUST 16, 1938. Class 4.

361,648. PREPARATION FOR CLEANING AND RESTORING LUSTRE TO RUBBER AND RUBBER PRODUCTS. THE AK-RO-NO AUTO PRODUCTS CO., Vandalia, Ill.
Filed June 13, 1938. Serial No. 407,410. PUBLISHED AUGUST 16, 1938. Class 4.

361,649. CANNED FRUIT. EZEKIEL M. BATTAT, doing business as Battat Import-Export Company, San Francisco, Calif.
Filed June 13, 1938. Serial No. 407,417. PUBLISHED AUGUST 16, 1938. Class 46.

361,650. BRIDGE TABLES, COFFEE TABLES, END TABLES, TILT TOP TABLES, TRAYS; FOLDING, DRESSING, DRAFT, AND COUNTER SCREENS, AND FURNITURE NOVELTIES. BRIDGE TABLES AND NOVELTIES, INC., Lowell, Mass.
Filed June 13, 1938. Serial No. 407,420. PUBLISHED AUGUST 9, 1938. Class 32.

361,651. FRESH DECIDUOUS FRUITS. NORTHWEST APPLE EXPORTERS, Yakima, Wash.
Filed June 13, 1938. Serial No. 407,439. PUBLISHED AUGUST 16, 1938. Class 46.

361,652. SKIS. SKI SPECIALTY MANUFACTURING COMPANY, New York, N. Y.
Filed June 13, 1938. Serial No. 407,446. PUBLISHED AUGUST 9, 1938. Class 22.

361,653. SLICING MACHINE BLADES. MICRO-WESTCO, INC., Bettendorf, Iowa.
Filed June 14, 1938. Serial No. 407,466. PUBLISHED AUGUST 16, 1938. Class 23.

361,654. GAME PLAYED WITH MOVABLE PIECES. JOHN H. ROONEY, Providence, R. I.
Filed June 14, 1938. Serial No. 407,480. PUBLISHED AUGUST 16, 1938. Class 22.

361,655. COMBINATION RADIO AND AUTOMATIC PHONOGRAPHS. THE CAPEHART, INCORPORATED, Fort Wayne, Ind.
Filed June 15, 1938. Serial No. 407,489. PUBLISHED AUGUST 16, 1938. Class 36.

361,656. PIECE GOODS MADE WHOLLY OR PARTIALLY OF CELLULOSE DERIVATIVES. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed June 15, 1938. Serial No. 407,490. PUBLISHED AUGUST 16, 1938. Class 42.

361,657. RUBBER INSULATION FOR ELECTRICAL WIRE AND CABLE AND FOR ELECTRICAL WIRE AND CABLE EMPLOYING SUCH INSULATION. CRESCENT INSULATED WIRE & CABLE CO., Trenton, N. J.
Filed June 15, 1938. Serial No. 407,491. PUBLISHED AUGUST 16, 1938. Class 21.

361,658. LIVE POULTRY AND BABY CHICKS. A. HOWARD FINGAR, Hudson, N. Y.
Filed June 15, 1938. Serial No. 407,494. PUBLISHED AUGUST 16, 1938. Class 46.

361,659. AUTOMOBILE POLISH. ANSON BALL, doing business as Paramount Products Co., Dover, N. J.
Filed June 16, 1938. Serial No. 407,518. PUBLISHED AUGUST 16, 1938. Class 16.

361,660. VENETIAN BLINDS. THE COLUMBIA MILLS, INC., New York, N. Y.
Filed June 16, 1938. Serial No. 407,537. PUBLISHED AUGUST 16, 1938. Class 32.

361,661. WHISKEY, GIN, RUM, BRANDY, ALCOHOLIC CORDIALS AND COCKTAILS. GREENBROS, INC., Cincinnati, Ohio.
Filed June 16, 1938. Serial No. 407,541. PUBLISHED AUGUST 9, 1938. Class 49.

361,662. WEIGHING APPARATUS, PARTICULARLY AUTOMATIC WEIGHING APPARATUS WITH OR WITHOUT RECORDING DEVICES. HENNEFER MASCHINENFABRIK C. REUTHER & REISERT MIT BESCHRÄNKTER HAFTUNG, Hennef-on-the-Sieg, Germany.
Filed June 16, 1938. Serial No. 407,546. PUBLISHED AUGUST 16, 1938. Class 26.

361,663. SANITARY NAPKINS. NATIONAL CELLULOSE CORPORATION, New York, N. Y.
Filed June 16, 1938. Serial No. 407,554. PUBLISHED AUGUST 16, 1938. Class 44.

361,664. PIECE GOODS OF SILK, SILK AND RAYON, COTTON, RAYON, WOOL, AND MIXTURES THEREOF. PACKARD DRESSES, INC., New York, N. Y.
Filed June 16, 1938. Serial No. 407,556. PUBLISHED AUGUST 16, 1938. Class 42.

361,665. ELECTRIC FANS. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa.
Filed June 16, 1938. Serial No. 407,570. PUBLISHED AUGUST 16, 1938. Class 21.

361,666. CANDY. WILLIAMSON CANDY COMPANY, Chicago, Ill.
Filed June 16, 1938. Serial No. 407,573. PUBLISHED AUGUST 16, 1938. Class 46.

361,667. MEDICATORS. HOSPITAL SPECIALTY COMPANY, Whitewater, Wis.
Filed June 17, 1938. Serial No. 407,592. PUBLISHED AUGUST 16, 1938. Class 44.

361,668. PHOTOGRAPHIC APPARATUS—NAMELY, CAMERAS; SENSITIZED PHOTOGRAPHIC FILMS AND PAPERS, ETC. REX ELECTRIC COMPANY, Brooklyn, N. Y.
Filed June 17, 1938. Serial No. 407,605. PUBLISHED AUGUST 16, 1938. Class 26.

361,669. COMBINATION ELECTRIC LAMP AND HORN. DELTA ELECTRIC COMPANY, Marion, Ind.
Filed June 18, 1938. Serial No. 407,623. PUBLISHED AUGUST 16, 1938. Class 21.

361,670. HOT ROLLED AND COLD DRAWN RODS, BARS, AND WIRES; AND HOT AND COLD ROLLED STRIP MADE OF NICKEL AND NICKEL ALLOYS. THE INTERNATIONAL NICKEL COMPANY, INC., New York, N. Y.
Filed June 18, 1938. Serial No. 407,631. PUBLISHED AUGUST 16, 1938. Class 14.

361,671. BULK PRESSURE STORAGE SYSTEMS EACH INCLUDING AN INSULATED STORAGE CONTAINER FOR LIQUIDS AND THEIR VAPORS, SUCH AS CARBON DIOXIDE, WITH MEANS FOR EFFECTING REFRIGERATION OF THE CONTENTS OF THE CONTAINER TO EFFECT CONTROL OF THE VAPOR PRESSURE. CARDOX CORPORATION, Chicago, Ill.
Filed June 20, 1938. Serial No. 407,657. PUBLISHED AUGUST 9, 1938. Class 31.

361,672. GAME OF CHANCE PLAYED WITH CONCEALED NAMES. DORAN RICE, Alton, Ill.
Filed June 20, 1938. Serial No. 407,690. PUBLISHED AUGUST 16, 1938. Class 22.

361,673. MATTRESSES. CHARLES P. ROGERS & CO. INC., New York, N. Y.
Filed June 20, 1938. Serial No. 407,692. PUBLISHED AUGUST 9, 1938. Class 32.

361,674. OIL CUPS. TANGENT OIL CUP CO., Seattle, Wash.
Filed June 20, 1938. Serial No. 407,697. PUBLISHED AUGUST 16, 1938. Class 23.

361,675. TABLE BOARD GAME HAVING TENSIONED STRINGS WITH ANIMATED OBJECTS THEREON. CLYAN H. HALL, doing business as Sturditoys Workshops, Pasadena, Calif.
Filed June 22, 1938. Serial No. 407,751. PUBLISHED AUGUST 16, 1938. Class 22.

361,676. WOODEN FURNITURE, COMPRISING DRESSERS, BEDS, TABLES, CHAIRS, DRESSER MIRRORS, VANITIES, VANITY MIRRORS, DRESSING TABLES, DRESSING TABLE MIRRORS, CHESTS, HIGHBOYS, CHESTS ON CHESTS, COMMODES, CONSOLES, ETC. SAGINAW FURNITURE SHOPS, Chicago, Ill.
Filed June 23, 1938. Serial No. 407,821. PUBLISHED AUGUST 9, 1938. Class 32.

361,677. TRAVELING BAGS. THE F. H. WHITE COMPANY, Philadelphia, Pa.
Filed June 23, 1938. Serial No. 407,833. PUBLISHED AUGUST 16, 1938. Class 3.

361,678. GOLF CLUBS AND GOLF BALLS. THE MACGREGOR COMPANY, Dayton, Ohio.
Filed June 24, 1938. Serial No. 407,870. PUBLISHED AUGUST 9, 1938. Class 22.

361,679. ELECTRICALLY DRIVEN EMBALMING APPARATUS. K-Z COMPANY, St. Louis, Mo., assignor to K-Z Company, St. Louis, Mo., a partnership firm composed of Clarence Kidwell, Edwin J. Zeigenhein, and Arthur L. Locatell.
Filed June 25, 1938. Serial No. 407,907. PUBLISHED AUGUST 16, 1938. Class 44.

361,680. HANDBAGS, POCKETBOOKS, AND PURSES. SOHARI, INC., St. Louis, Mo.
Filed June 25, 1938. Serial No. 407,921. PUBLISHED AUGUST 16, 1938. Class 3.

361,681. COTTON PIECE GOODS, SHEETS, AND PILLOW CASES. WAMSUTTA MILLS, New Bedford, Mass.
Filed June 25, 1938. Serial No. 407,925. PUBLISHED AUGUST 16, 1938. Class 42.

361,682. DENTURE MATERIALS. DETROIT DENTAL MANUFACTURING CO., Detroit, Mich.
Filed June 27, 1938. Serial No. 407,943. PUBLISHED AUGUST 16, 1938. Class 44.

361,683. DIAGNOSTIC APPARATUS FOR CHECKING UP THE CONDITION OF PATIENTS UNDERGOING TREATMENT, ESPECIALLY AS TO DEPARTURE FROM NORMAL AS IN FEVER AND CHILL OR ANALOGOUS LOCAL DISTURBANCES. THE MCKESSON APPLIANCE CO., Toledo, Ohio.
Filed June 27, 1938. Serial No. 407,956. PUBLISHED AUGUST 16, 1938. Class 44.

361,684. GAMES OF CHANCE PLAYED WITH CONCEALED NUMBERS AND CHARACTERS. WERTS NOVELTY COMPANY, INCORPORATED, Muncie, Ind.
Filed June 27, 1938. Serial No. 407,964. PUBLISHED AUGUST 16, 1938. Class 22.

361,685. GOLF BALLS. THE FEDERAL RUBBER COMPANY, Chicago, Ill., and Chicopee Falls, Mass.
Filed June 28, 1938. Serial No. 407,977. PUBLISHED AUGUST 9, 1938. Class 22.

361,686. GOLF BALLS. THE FISK RUBBER CORPORATION, Chicopee Falls, Mass.
Filed June 28, 1938. Serial No. 407,978. PUBLISHED AUGUST 9, 1938. Class 22.

361,687. TEXTILE FABRICS IN THE PIECE—NAMELY, SILK, SATIN, RAYON, AND COTTON FABRICS AND MIXTURES THEREOF. ZEKARIA BROTHERS, New York, N. Y.
Filed June 28, 1938. Serial No. 408,000. PUBLISHED AUGUST 16, 1938. Class 42.

361,688. ARTIFICIAL TEETH. ARTYPE DENTAL COMPANY, Harrisburg, Pa.
Filed June 29, 1938. Serial No. 408,036. PUBLISHED AUGUST 16, 1938. Class 44.

361,689. GOLF BALLS. ARKANSAS FUEL OIL COMPANY, Shreveport, La.
Filed June 30, 1938. Serial No. 408,042. PUBLISHED AUGUST 9, 1938. Class 22.

361,690. TIRES, TUBES, AND ACCESSORIES COMPRISING TIRE REPAIR BOOTS, RUBBER RIM STRIPS OR FLAPS, TUBE REPAIR KITS (COLD PATCH), TUBE REPAIR PATCHES BUILT IN COMBINATION WITH FUEL FOR VULCANIZING BY HEAT, AND FAN BELTS. ARKANSAS FUEL OIL COMPANY, Shreveport, La.
Filed June 30, 1938. Serial No. 408,043. PUBLISHED AUGUST 9, 1938. Class 35.

361,691. PILE FABRICS IN THE PIECE COMPOSED OF MOHAIR AND COTTON. SIDNEY BLUMENTHAL & CO. INC., New York, N. Y.
Filed June 30, 1938. Serial No. 408,046. PUBLISHED AUGUST 16, 1938. Class 42.

361,692. UPHOLSTERED CHAIRS AND SETTEES. MUELLER FURNITURE CO., Grand Rapids, Mich.
Filed June 30, 1938. Serial No. 408,071. PUBLISHED AUGUST 16, 1938. Class 32.

361,693. PIECE GOODS OF WOOL, COTTON, SILK, RAYON, ACETATE, AND MIXTURES THEREOF. NATIONAL DYEING AND PRINTING COMPANY, East Paterson, N. J.
Filed June 30, 1938. Serial No. 408,073. PUBLISHED AUGUST 16, 1938. Class 42.

361,694. SLOE GIN. LEROUX & CO., INC., Philadelphia, Pa.
Filed July 1, 1938. Serial No. 408,113. PUBLISHED AUGUST 9, 1938. Class 49.

361,695. SLOE GIN. LEROUX & CO., INC., Philadelphia, Pa.
Filed July 1, 1938. Serial No. 408,114. PUBLISHED AUGUST 9, 1938. Class 49.

361,696. SCOTCH WHISKY. MCKESSON & ROBBINS, INC., New York, N. Y.
Filed July 1, 1938. Serial No. 408,119. PUBLISHED AUGUST 9, 1938. Class 49.

361,697. PLAYROOM OR PLAYGROUND EQUIPMENT—NAMELY, SWINGING, ROCKING, OR BUCKING DEVICES. NEWSON & BILLS, Salt Lake City, Utah.
Filed July 1, 1938. Serial No. 408,128. PUBLISHED AUGUST 9, 1938. Class 22.

361,698. WHISKEY, GIN, BRANDY, AND ALCOHOLIC CORDIALS. RECORDS & GOLDSBOROUGH, INCORPORATED, Baltimore, Md.
Filed July 1, 1938. Serial No. 408,133. PUBLISHED AUGUST 9, 1938. Class 49.

361,699. WHISKEY, GIN, RUM, BRANDY, AND ALCOHOLIC CORDIALS. WATHEN BROTHERS, Bardstown, Ky.
Filed July 1, 1938. Serial No. 408,140. PUBLISHED AUGUST 16, 1938. Class 49.

361,700. ELECTRICALLY OPERABLE HEARING AIDS FOR PERSONS WITH IMPAIRED HEARING. E. A. MYERS & SONS, Mount Lebanon, Pa.
Filed July 5, 1938. Serial No. 408,200. PUBLISHED AUGUST 16, 1938. Class 44.

361,701. ELECTRICALLY OPERABLE APPARATUS FOR PRESCRIBING AUDIPHONES FOR PERSONS WITH IMPAIRED HEARING. E. A. MYERS & SONS, Mount Lebanon, Pa.
Filed July 5, 1938. Serial No. 408,201. PUBLISHED AUGUST 16, 1938. Class 44.

361,702. WHISKEY. SUNRISE LIQUOR CORPORATION, Chicago, Ill.
Filed July 5, 1938. Serial No. 408,214. PUBLISHED AUGUST 9, 1938. Class 49.

361,703. WHISKEY. SUNRISE LIQUOR CORPORATION, Chicago, Ill.
Filed July 5, 1938. Serial No. 408,215. PUBLISHED AUGUST 9, 1938. Class 49.

361,704. WHISKEY. SUNRISE LIQUOR CORPORATION, Chicago, Ill.
Filed July 5, 1938. Serial No. 408,216. PUBLISHED AUGUST 9, 1938. Class 49.

361,705. WHISKEY. SUNRISE LIQUOR CORPORATION, Chicago, Ill.
Filed July 5, 1938. Serial No. 408,217. PUBLISHED AUGUST 9, 1938. Class 49.

361,706. MATTRESSES, STUDIO COUCHES, AND BED SPRINGS. ESTEE BEDDING COMPANY, Chicago, Ill.
Filed July 7, 1938. Serial No. 408,271. PUBLISHED AUGUST 9, 1938. Class 32.

361,707. LADIES' HAND BAGS AND PURSES. CHARLES BURSTEIN & BRO. INC., New York, N. Y.
Filed July 8, 1938. Serial No. 408,308. PUBLISHED AUGUST 16, 1938. Class 3.

361,708. BOARD GAME PLAYED WITH MOVABLE PIECES. PARKER BROTHERS, INC., Portland, Maine, and Salem, Mass.
Filed July 8, 1938. Serial No. 408,323. PUBLISHED AUGUST 16, 1938. Class 22.

361,709. PORCH SHADES AND WINDOW SHADES. HOUGH SHADE CORPORATION, Janesville, Wis.
Filed July 9, 1938. Serial No. 408,366. PUBLISHED AUGUST 16, 1938. Class 32.

361,710. BASEBALLS. THE GENERAL TIRE & RUBBER COMPANY, doing business as Wabash Industries, Wabash, Ind., and Akron, Ohio.
Filed July 12, 1938. Serial No. 408,422. PUBLISHED AUGUST 16, 1938. Class 22.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

361,711. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) I. B. KLEINERT RUBBER COMPANY, New York, N. Y. Filed Aug. 11, 1936. Serial No. 382,057.

TISSU-WEIGHT

For Dress Shields.
Claims use since July 28, 1936.

361,712. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ELECTRIC ART CUTTING AND WELDING COMPANY, Newark, N. J. Filed May 7, 1937. Serial No. 392,346.

DUALARC

For Electric Welding Machines.
Claims use since 1926.

361,713. (CLASS 37. PAPER AND STATIONERY.) ROYAL REVUES, INC., Hollywood, Calif. Filed Sept. 7, 1937. Serial No. 397,197.

MOVIECHEK

For Blank Forms—Namely, Theater Credit Check Books.
Claims use since Aug. 30, 1937.

361,714. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) H. J. HEINZ COMPANY, Pittsburgh, Pa. Filed Sept. 15, 1937. Serial No. 397,444.

NUTMIX

For a Finely Powdered Flavoring Mixture of Nuts, a Cereal Preparation and Sweetening, for Placing in Cakes, Pies, Pastries, Confections, Ice Creams, Salad Dressings, and Other Foods.
Claims use since Sept. 11, 1937.

361,715. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) LA SALLE STEEL COMPANY, Hammond, Ind. Filed Sept. 29, 1937. Serial No. 397,937.

STRESSPROOF

For Steel.
Claims use since February, 1937.

361,716. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BERCUT-RICHARDS PACKING COMPANY, Sacramento, Calif. Filed Oct. 4, 1937. Serial No. 398,084.

SEALED-IN

Tree Ripened Deliciousness

For Canned Fruits.
Claims use since Aug. 25, 1937.

361,717. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BERCUT-RICHARDS PACKING COMPANY, Sacramento, Calif. Filed Oct. 4, 1937. Serial No. 398,085.

SEALED-IN

Vine Ripened Deliciousness

For Canned Vegetables.
Claims use since Aug. 25, 1937.

361,718. (CLASS 37. PAPER AND STATIONERY.) GRAHAM PAPER COMPANY, St. Louis, Mo. Filed Oct. 13, 1937. Serial No. 398,432.

UNIFORM

For Printing and Writing Paper.
Claims use since Aug. 16, 1937.

361,719. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Filed Dec. 3, 1937. Serial No. 400,400.

Hearst Ranch BRAND

For Canned Fruits and Canned Tomato Juice for Food Purposes.
Claims use since May 19, 1933.

361,720. (CLASS 37. PAPER AND STATIONERY.) YAWMAN AND ERBE MFG. CO., Rochester, N. Y. Filed Feb. 10, 1938. Serial No. 402,924.

DIRECT VISION

For Miscellaneous Filing Supplies—Namely, Filing Cards, Filing Folders, Filing Guides, Index Devices, Filing Systems, and Sorting Systems.
Claims use since February, 1937.

361,721. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ATLAS CANNING COMPANY, INC., New York and Glendale, N. Y. Filed Apr. 9, 1938. Serial No. 405,051.

MERIT

For Canned Food for Dogs, Cats, and Carnivorous Animals.
Claims use since 1934.

361,722. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) ALBERT TROSTEL & SONS COMPANY, Milwaukee, Wis. Filed June 6, 1938. Serial No. 407,166.

TROSTEL'S GENUINE POCHETTE CALF

For Leather.
Claims use since Mar. 9, 1934.

361,723. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) GRIFFIN MANUFACTURING CO. INC., New York and Brooklyn, N. Y. Filed June 15, 1938. Serial No. 407,496.

DYCOTE

For Shoe Polishes and Dressing and Finishing for Shoes, Leather Bags, and Belts, and Other Leather Articles.
Claims use since May 28, 1937.

361,724. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NATIONAL CANDY CO., INC., St. Louis, Mo. Filed June 16, 1938. Serial No. 407,553.

HARD SHELL

For Candy.
Claims use since December, 1931.

361,725. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) JOS. W. NICOMEDE, Altoona, Pa. Filed July 28, 1938. Serial No. 409,019.

NICK — LUCAS

For Banjo and Guitar Pick.
Claims use since Apr. 8, 1931.

361,726. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) J. B. CARR BISCUIT COMPANY, Wilkes-Barre, Pa. Filed Aug. 2, 1938. Serial No. 409,153.

OVEN-FRESH Golden Grahams The Milk-and-Honey GRAHAM CRACKER

For Graham Crackers.
Claims use since January, 1930.

361,727. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) J. B. CARR BISCUIT COMPANY, Wilkes-Barre, Pa. Filed Aug. 2, 1938. Serial No. 409,155.

Tender Flaky Saltines OVEN-FRESH Salty Crisps

For Saltines.
Claims use since January, 1930.

361,728. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) J. B. CARR BISCUIT COMPANY, Wilkes-Barre, Pa. Filed Aug. 2, 1938. Serial No. 409,156.

SALTY FLAKES

For Saltines.
Claims use since January, 1930.

361,729. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HENRY F. PHILLIPS, Portland, Oreg. Filed Aug. 10, 1938. Serial No. 409,438.

SELF CENTERING

For Screws.
Claims use since Dec. 15, 1934.

361,730. (CLASS 2. RECEPTACLES.) ALEX BEGUN, doing business as American Vault Company, Detroit, Mich. Filed Aug. 15, 1938. Serial No. 409,601.

EAGLE

For Burial Vaults.
Claims use since Sept. 13, 1934.

TRADE-MARK REGISTRATIONS RENEWED

121,704. CERTAIN NAMED FOODS. Registered May 21, 1918. CRESCA COMPANY. Renewed May 21, 1938, to Cresca Company, Inc., New York, N. Y., a corporation of New York, successor.

122,319. LAUNDRY SOAP, OIL-SOAP. Registered July 23, 1918. HARRIS SOAP COMPANY, Buffalo, N. Y., a corporation of New York. Renewed July 23, 1938.

122,775. CERTAIN NAMED METALS AND METAL CASTINGS AND FORGINGS. Registered September 17, 1918. H. BOKER & CO. INC., New York, N. Y., a corporation of New York. Renewed September 17, 1938.

122,810. COFFEE. Registered September 17, 1918. PARK & TILFORD, New York, N. Y., a corporation of New York. Renewed September 17, 1938.

123,196. BOOTS AND SHOES OF ALL DESCRIPTIONS. Registered October 22, 1918. CAMMEYER. Renewed October 22, 1938, to Cammeyer Shoe Shops Inc., New York, N. Y., a corporation of New York, assignee by mesne assignments.

123,388. CANNED SALMON. Registered October 29, 1918. ROUNDUP FISHERIES CO. Renewed October 29, 1938, to Roundup Grocery Co., Spokane, Wash., a corporation of Washington, by change of name.

123,981. CERTAIN NAMED CUTLERY, MACHINERY, AND TOOLS AND PARTS THEREOF. Registered December 31, 1918. CHICAGO PNEUMATIC TOOL COMPANY, Chicago, Ill. Renewed December 31, 1938, to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey.

123,996. STEEL. Registered December 31, 1918. C. & J. HAMPTON LIMITED, Sheffield, England, an incorporated company of Great Britain. Renewed December 31, 1938.

124,039. DISINFECTANTS, GERMICIDES, AND ANTISEPTICS. Registered December 31, 1918. PARKE, DAVIS & COMPANY, Detroit, Mich., a corporation of Michigan. Renewed December 31, 1938.

124,123. INKS, VARNISHES, DRY COLORS, DYES, AND DRIERS FOR USE IN INKS. Registered January 14, 1919. GEORGE H. MORRILL COMPANY, Norwood, Mass. Renewed January 14, 1939, to General Printing Ink Corporation, New York, N. Y., a corporation of Delaware, assignee.

124,164. AXLES FOR MOTOR-VEHICLES AND WORMS AND GEARS FOR USE IN MOTOR-VEHICLES. Registered January 14, 1919. THE TIMKEN-DETROIT AXLE COMPANY, Detroit, Mich., a corporation of Ohio. Renewed January 14, 1939.

124,602. CERTAIN NAMED OILS AND GREASES. Registered February 25, 1919. THE TEXAS COMPANY, Houston and Port Arthur Tex., and New York, N. Y. Renewed February 25, 1939, to The Texas Company, New York, N. Y., a corporation of Delaware, assignee.

124,665. OINTMENT FOR ECZEMA, SUNBURN, CHAPPED HANDS, CUTS, OPEN WOUNDS, AND ALL SKIN ERUPTIONS. Registered March 11, 1919. THE BICKMORE COMPANY, Old Town, Maine, a corporation of Maine. Renewed March 11, 1939.

124,666. CIGARS. Registered March 11, 1919. BOBROW BROS. Renewed March 11, 1939, to Bobrow Bros., Inc., Philadelphia, Pa., a corporation of Pennsylvania, assignee.

124,673. AMPULS MADE OF GLASS. Registered March 11, 1919. G. W. CARNRICK CO., New York, N. Y. Renewed March 11, 1939, to G. W. Carnrick Co., Newark N. J., a corporation of New Jersey, assignee.

124,708. INSULATION FOR SPARK-PLUGS. Registered March 11, 1919. FRENCHTOWN PORCELAIN COMPANY, Trenton, N. J., a corporation of New Jersey. Renewed March 11, 1939.

124,836. WHEAT-FLOUR. Registered March 18, 1919. EMPIRE MILLING COMPANY. Renewed March 18, 1939, to Commander-Larabee Milling Company, Minneapolis, Minn., a corporation of Delaware, assignee.

124,841. CERTAIN NAMED BEVERAGES, NON-ALCOHOLIC. Registered March 18, 1919. GARRETT AND COMPANY, INCORPORATED, Penn Yan, N. Y. Renewed March 18, 1939, to Garrett & Company, Inc., Penn Yan and Brooklyn, N. Y., a corporation of New York, assignee by mesne assignments.

124,896. MAGAZINE PUBLISHED MONTHLY. Registered March 18, 1919. THE TEXAS COMPANY, Houston, Tex., and New York, N. Y. Renewed March 18, 1939, to The Texas Company, New York, N. Y., a corporation of Delaware, assignee.

124,912. CERTAIN NAMED WRITING-TABLETS AND TYPE-WRITER PAPER. Registered March 18, 1919. WESTERN TABLET COMPANY, St. Joseph, Mo. Renewed March 18, 1939, to Western Tablet & Stationery Corporation, Dayton, Ohio, a corporation of Delaware, assignee.

124,914. COFFEE. Registered March 18, 1919. THE WIDLAR CO., Cleveland, Ohio. Renewed March 18, 1939, to Standard Brands Incorporated, New York, N. Y., a corporation of Delaware, assignee by mesne assignments.

LABELS

REGISTERED OCTOBER 25, 1938

51,977.—*Title:* ADA MILLING COMPANY FOOD PRODUCTS, (FLORAL PATTERN: BLUE BACKGROUND. SMALL FLOWERS IN WHITE AND MAROON. LARGER FLOWERS IN BLUE, MAROON, YELLOW, ETC.). For Food Products. ADA MILLING COMPANY, Ada, Okla. Published July 15, 1938.

51,978.—*Title:* ADA MILLING COMPANY FOOD PRODUCTS, (ALL-OVER FLORAL PATTERN: LARGE FLOWERS IN BLUE-GREEN, BRIGHT RED, WITH GREEN AND YELLOW CENTERS. LARGE LEAVES, ETC.). For Food Products. ADA MILLING COMPANY, Ada, Okla. Published July 15, 1938.

51,979.—*Title:* DEPRECIATION CONTROL. For No Re-Write Deferred Expense-Depreciation Control Records. V. RAY ALEXANDER, St. Louis, Mo. Published June 13, 1938.

51,980.—*Title:* SUNBEAM. For Fancy Tomato Juice. AUSTIN, NICHOLS & CO., INC., Brooklyn, N. Y. Published January 2, 1938.

51,981.—*Title:* SUNBEAM (ORANGE JUICE). For Fancy Orange Juice. AUSTIN, NICHOLS & CO., INC., Brooklyn, N. Y. Published January 2, 1938.

51,982.—*Title:* BORDEN'S CREAM CARAMELS. For Cream Caramels. THE BORDEN COMPANY, New York, N. Y. Published July 20, 1938.

51,983.—*Title:* SWEET SIXTEEN. For Carbonated Beverages. CARBONATED BEVERAGES, INC., Detroit, Mich. Published February 10, 1938.

51,984.—*Title:* ELECTROST. For Coffee. COFFEE ELECTROST CORP., Louisville, Ky. Published July 14, 1938.

51,985.—*Title:* HUNCH. For a Cleaner for Painted or Enameled Woodwork, Furniture, Linoleum, Window Glass, Mirrors, Porcelain, Etc. A. V. COOPER, Austin, Tex. Published January 6, 1937.

51,986.—*Title:* GILBEY'S DISTILLED LONDON DRY GIN. For Gin. W. & A. GILBEY, LTD., Cincinnati, Ohio. Published June 8, 1938.

51,987.—*Title:* TENDERLEAN. For Ham. LOUIS GRAZIANO, doing business as General Sales Co., Rochester, N. Y. Published July 27, 1938.

51,988.—*Title:* MARVEL CLEANER. For a Steamless Hat Cleaner and Renewer. ANNA HAMER, Seattle, Wash. Published July 19, 1938.

51,989.—*Title:* HOLLYWOOD STARS HAIR PIN CURLER. For Hairpin Curlers. HOLLYWOOD STARS HAIRPIN CURLER CO., Los Angeles, Calif. Published June 16, 1938.

51,990.—*Title:* HYGRADE LAMPS. For Electric Lamps. HYGRADE SYLVANIA CORPORATION, Salem, Mass. Published January 21, 1938.

51,991.—*Title:* OLD CAMP NELSON BRAND KENTUCKY STRAIGHT BOURBON WHISKEY. For Kentucky Straight Bourbon Whiskey. KELLY LIQUOR COMPANY, Minneapolis, Minn. Published September 6, 1938.

51,992.—*Title:* KROGER'S COUNTRY CLUB BRAND GRAPEFRUIT JUICE. For Canned Grapefruit Juice. THE KROGER GROCERY & BAKING CO., Cincinnati, Ohio. Published August 15, 1938.

51,993.—*Title:* KROGER'S COUNTRY CLUB BRAND RED KIDNEY BEANS. For Canned Kidney Beans. THE KROGER GROCERY & BAKING CO., Cincinnati, Ohio. Published August 15, 1938.

51,994.—*Title:* KROGER'S COUNTRY CLUB BRAND PUMPKIN. For Canned Pumpkin. THE KROGER GROCERY & BAKING CO., Cincinnati, Ohio. Published August 15, 1938.

51,995.—*Title:* KROGER'S COUNTRY CLUB BRAND PINEAPPLE. For Canned Pineapple. THE KROGER GROCERY & BAKING CO., Cincinnati, Ohio. Published August 15, 1938.

51,996.—*Title:* KROGER'S COUNTRY CLUB BRAND FRUITS FOR SALADS. For Canned Mixed Fruits. THE KROGER GROCERY & BAKING CO., Cincinnati, Ohio. Published August 15, 1938.

51,997.—*Title:* KROGER'S COUNTRY CLUB BRAND FRUIT COCKTAIL. For Canned Fruit Cocktail. THE KROGER GROCERY & BAKING CO., Cincinnati, Ohio. Published August 15, 1938.

51,998.—*Title:* KROGER'S COUNTRY CLUB BRAND PEACHES. For Canned Peaches. THE KROGER GROCERY & BAKING CO., Cincinnati, Ohio. Published August 15, 1938.

51,999.—*Title:* DEL. For Toilet Soap. LA COMP PRODUCTS, INC., New York, N. Y. Published June 1, 1938.

52,000.—*Title:* SAVOREX. For an Extract of Yeast and Vegetables. LOMA LINDA FOOD COMPANY, Loma Linda, Calif. Published May 23, 1938.

52,001.—*Title:* A CLOUD OF CERTAIN DEATH TO INSECTS. For Roach Powder. LEWIS MANDLAK, Fort Worth, Tex. Published October 1, 1936.

52,002.—*Title:* MARYLAND MAID. For Fresh Peaches. HOY D. NEWMAN, Smithsburg, Md. Published August 9, 1938.

52,003.—*Title:* TU-FERS. For Doughnuts. PACIFIC WAXED PAPER COMPANY, Seattle, Wash. Published September 1, 1938.

52,004.—*Title:* AIR-VENT COMBINATION PACK. For Bowl, Bottle, Cup and Jar Covers. ARNO REINHOLD, doing business as Reinhold Company, Cleveland, Ohio. Published September 17, 1938.

52,005.—*Title:* SUDCO, CERTIFIED QUALITY HOSIERY. For Full Fashioned Hosiery. NET B. SUDOCK, Philadelphia, Pa. Published March 1, 1930.

52,006.—*Title:* KING MINOS. For Olive Oil. UNITED PURE FOOD CO., New York, N. Y. Published July 18, 1938.

52,007.—*Title:* PHYSICAL CULTURE. For Mattresses. MAX WEISMAN, doing business as Bestmade Bedding Co., New York, N. Y. Published March 1, 1938.

PRINTS

REGISTERED OCTOBER 25, 1938

17,089.—*Title:* WANTED:—PEOPLE TO TASTE CANDY, TO SEE IF IT'S ANY GOOD. For Candy and Nuts. AWFUL FRESH MACFARLANE, Oakland, San Francisco, and Berkeley, Calif. Published September 23, 1938.

17,090.—*Title:* PRINT-AD-STRING. For Advertising Tapes Used for Tying Packages. CHICAGO PRINTED STRING CO., Chicago, Ill. Published August 29, 1938.

17,091.—*Title:* PERFECTLY DIGESTIBLE FIRST SOLID FOOD IS EVERY BABY'S NEED. For Wheat Breakfast Food. THE CREAM OF WHEAT CORPORATION, Minneapolis, Minn. Published September 25, 1938.

17,092.—*Title:* ARE YOU EAR CONSCIOUS? For Application for Correcting Ears that Protrude. EMRY DAVIS 4TH, Santa Monica, Calif. Published October 8, 1937.

17,093.—*Title:* KREAMI-FROST. For Frozen Confections. FROZEN NOVELTIES SALES CORPORATION, New York, N. Y. Published September 1, 1938.

17,094.—*Title:* MADE FROM ONE PACKAGE OF BISQUICK! For Biscuit Flour. GENERAL MILLS, INC., Minneapolis, Minn. Published September 27, 1938.

17,095.—*Title:* ECONOCAR. For Automobiles. IDEAS, INC., Chicago, Ill. Published July 20, 1938.

17,096.—*Title:* EASY-GRO POTS. For Floral Pots. GEORGE KOCH SONS, Evansville, Ind. Published August 23, 1938.

17,097.—*Title:* NEW SENSATIONAL HOLLYWOOD PAT-PUF. For Powder Puffs. BARRY OWEN MULLEN, Los Angeles, Calif. Published July 11, 1938.

17,098.—*Title:* PUREBRED HOLSTEINS PAY! (DAIRY POSTER). For Dairy Feed. RALSTON PURINA COMPANY, St. Louis, Mo. Published July 20, 1938.

17,099.—*Title:* PUREBRED GUERNSEYS PAY! (DAIRY POSTER). For Dairy Feed. RALSTON PURINA COMPANY, St. Louis, Mo. Published July 20, 1938.

17,100.—*Title:* PUREBRED JERSEYS PAY! (DAIRY POSTER). For Dairy Feed. RALSTON PURINA COMPANY, St. Louis, Mo. Published July 20, 1938.

17,101—*Title:* YOUR SMARTNESS IS MEASURED BY THE FOOT! For Shoes. CHAS. A. STEVENS & COMPANY, Chicago, Ill. Published September 19, 1938.

REISSUES

OCTOBER 25, 1938

20,892

TRACTION-INCREASING DEVICE

Joseph B. Bambenek and Dominic C. Bambenek, Winona, Minn., assignors to Peerless Chain Company, Winona, Minn., a corporation of Minnesota

Original No. 2,092,823, dated September 14, 1937, Serial No. 79,528, May 13, 1936. Application for reissue November 8, 1937, Serial No. 173,490

11 Claims. (Cl. 152—243)



1. A non-skid link formed from a single piece of wire to have double approximately triangular loops and approximately parallel and straight side members which are on the ground-facing side of the link and which extend diagonally outwardly in opposite directions and have ground-engaging end faces in part defining digger edges, the side members being welded to the extended angles of said triangular loops, said loops being so bent as to dispose the edges of said straight side members for digging into the ground.

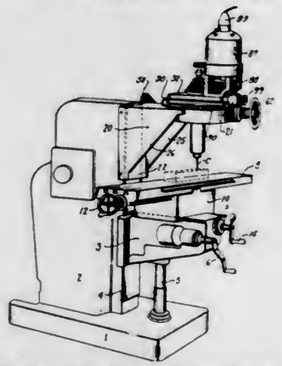
20,893

MILLING MACHINE

Howard W. Bartholomew, Pottstown, Pa., assignor to Deehler Die Casting Company, Toledo, Ohio, a corporation of New York

Original No. 2,069,299, dated February 2, 1937, Serial No. 23,562, May 27, 1935. Application for reissue September 21, 1937, Serial No. 164,883

17 Claims. (Cl. 90—15)



1. In a milling machine, a frame, a vertically adjustable work table carried thereby, means to move the table laterally in different directions with respect to the frame, a rotatable cutter spindle, driving means to rotate the same, independently rotatable supporting means for rotatably carrying the spindle, means to mount the rotatable supporting means on the frame in operative relation to the table, means to actuate the spindle supporting means, means to move the cutter spindle radially of the rotatable supporting means to effect varying cutting positions thereof relative to the work supporting table, and releasable means carried by the spindle intermediate its ends and engaging a portion of the rotatable supporting means to retain the spindle in its radially adjusted position relative to the supporting means.

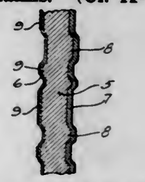
20,894

SHELF PAPER

Fred A. Conrad, Milwaukee, Wis., assignor to American Lace Paper Company, Milwaukee, Wis., a corporation of Wisconsin

Original No. 2,067,233, dated January 12, 1937, Serial No. 8,825, March 1, 1935. Application for reissue February 25, 1938, Serial No. 192,601

11 Claims. (Cl. 41—10)



8. A shelf paper comprising the combination with a shelf covering portion applicable to the upper surface of a shelf, of a border portion comprising an extension of said shelf covering portion and adapted to hang vertically across the margin of such a shelf, said border portion being provided throughout its extent, and to the exclusion of said shelf covering portion, with an earthy pore-filler and being embossed, said pore-filler being adapted to stiffen and partially waterproof said border portion, without interfering with the embossing thereof.

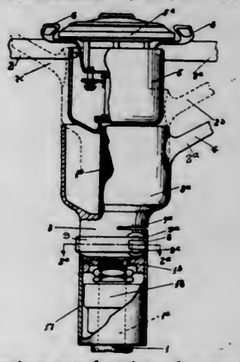
20,895

STEERING GEAR FOR MOTOR VEHICLES

John George Douglas, Aberfeldy, Scotland, assignor to Bluemel Bros. Limited, Wolston, near Coventry, England, a company of Great Britain

Original No. 2,023,670, dated December 10, 1935, Serial No. 731,457, June 20, 1934. Application for reissue March 17, 1937, Serial No. 131,460. In Great Britain October 17, 1933

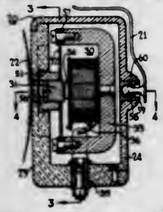
23 Claims. (Cl. 74—493)



1. In steering mechanism for motor road vehicles, an outer stator tube, a steering column rotatable in and extending above said stator

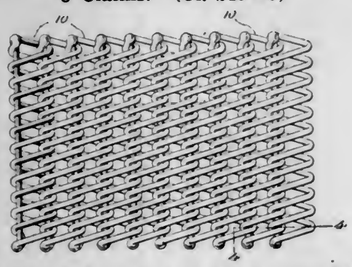
tube, a steering wheel, a central boss carried by said steering wheel adjustable axially with the wheel relatively to the steering column, a clamp for selectively clamping said boss to a plurality of different points of said steering column above said stator tube, upper and lower tubular parts on said boss adapted to obscure the mechanism of the usual controlling means in the upper end of the steering column, and also the part of the steering column above said stator tube.

20,896
BONE CONDUCTION HEARING DEVICE
Emil Henry Greibach, Brooklyn, N. Y.
Original No. 2,127,468, dated August 16, 1938, Serial No. 697,673, November 11, 1933. Application for reissue September 2, 1938, Serial No. 228,191
49 Claims. (Cl. 179—107)



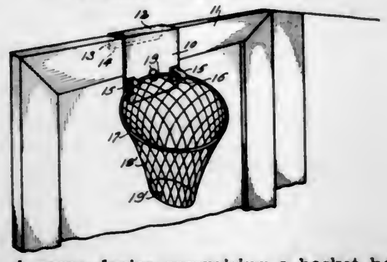
41. In a portable audiphone, the combination of electromagnetic means adapted to respond to varying currents substantially throughout the audible frequency range, a relatively stiff vibrating member carrying the means and forming a narrow gap between the member and the means of fixed dimension subject to the vibration imparted to the member by the means and which is less in amplitude than the width of the said air gap, and means for supporting the member in operative connection with the bone-structure of the user.

20,897
MULTISTRAND SPIRAL FABRIC
Clarence E. Pink, Cambridge, Md.
Original No. 2,091,214, dated August 24, 1937, Serial No. 28,197, June 24, 1935. Application for reissue January 13, 1938, Serial No. 184,901
8 Claims. (Cl. 245—6)



1. A spiral fabric comprising connected sections of which each includes a plurality of spiral strands threaded one into the other and a cross rod inserted through the convolutions of the strands in contact with the inner peripheries thereof at one point, the cross rods of each section being terminally secured to the extremities of the strands of that section, the convolutions of the strands of one section being interlooped with the convolutions of the strands of the adjacent section but around the cross rod thereof.

20,898
DEVICE FOR BASKETBALL GAMES
Arthur A. Schabinger, Chicago, Ill.
Original No. 2,049,593, dated August 4, 1936, Serial No. 47,072, October 28, 1935. Application for reissue July 25, 1938, Serial No. 221,213
7 Claims. (Cl. 273—1.5)



1. A game device comprising a basket having a ring at its upper edge, a clip having a hook portion at its upper end for engagement over the upper edge of a door, and a pair of arms extending outwardly in spaced relation from the clip and provided with ring engaging hooks on their outer ends engaging the ring at spaced points, said clip having spaced outwardly pressed crimps detachably engaging opposed portions of the ring between said arms, said ring adapted to be swung on the hooks of said arms into and out of engagement with said crimps.

20,899
CARD FOR CORN PADS AND THE LIKE
William M. Scholl, Chicago, Ill.
Original No. 2,037,343, dated April 14, 1936, Serial No. 18,316, April 26, 1935. Application for reissue July 26, 1937, Serial No. 155,739
15 Claims. (Cl. 206—79)



12. In combination, a medical pad including a body portion of yieldable cushioning material, and a mounting card for said pad of greater area than said pad, said mounting card being cut through in an intermediate location to provide an edge spaced from the bounding edges of the card, and said pad being disposed with an edge part of said cushioning material in frictional contact with the major portion of the intermediate edge of said card.

PLANT PATENTS

GRANTED OCTOBER 25, 1938

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

296
ROSE
Michael H. Horvath, Mentor, Ohio
Application September 1, 1937, Serial No. 162,063
1 Claim. (Cl. 47—61)

A climbing rose as herein shown and described and distinguished by the hardy character and rugged appearance of the shrub, rich, shining, bronzy green leaflets possessing unique ornamental qualities and larger in size than the Mahonia and the Orange Grape, flower growth, and large clear deep rose pink flowers of a refined and enduring quality abundantly produced and well supported on relatively stiff spur branches.

297
ROSE
Michael H. Horvath, Mentor, Ohio
Application September 1, 1937, Serial No. 162,064
1 Claim. (Cl. 47—61)

A rose as herein shown and described and distinguished by the shrub of a hardy character and growing persistently throughout the growing period in a manner preeminently fit for ground covering, rich and clean bottle-green foliage resistant to rose maladies, distinctive peach blossom flowers having a reflex as disclosed and a center of an orange undertone, distinctive sharp recurving and imbricating petals, the perpetual floriferous character, and the flower and prolific petal growth and quality making them excellent for cutting and decorative work.

298
ROSE
Michael H. Horvath, Mentor, Ohio
Application September 1, 1937, Serial No. 162,065
1 Claim. (Cl. 47—61)

A rose as herein shown and described and distinguished by its hardy character, shrub growth very suitable for hedge purposes, shiny bright dark green foliage resistant to rose maladies and having veins prominent with a reddish hue or cast, distinctive full flowers imbricated in camellia-like form and of a two-toned pink color resembling miniature Lady Alice Stanley blooms profusely borne singly and in clusters and in a manner making them very suitable as cut flowers.

299
ROSE
Michael H. Horvath, Mentor, Ohio
Application September 1, 1937, Serial No. 162,066
1 Claim. (Cl. 47—61)

A rose as herein shown and described and distinguished by the hardiness of the variety, its shrub growth, healthy foliage of a glaucous green color, perpetual flowering, and the vividly brilliant flowers of a glowing red color with a light orange-colored center.

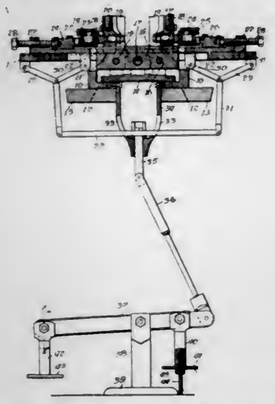
PATENTS

GRANTED OCTOBER 25, 1938

2,133,941
HYDROLYSIS OF TITANIUM SALT SOLUTIONS
Benjamin Wilson Allan, Baltimore, Md., assignor to American Zirconium Corporation, Baltimore, Md., a corporation of Maryland
No Drawing. Application April 4, 1936, Serial No. 72,768
4 Claims. (Cl. 23—202)

2. In the process of hydrolytically precipitating titanium oxide from a hydrolizable titanium salt solution which comprises heating the solution in the presence of a seeding agent, the improvement which comprises heating the titanium salt solution at the boiling point thereof in the presence of a portion only of the seeding agent until a substantial amount of hydrolysis is effected and then adding another portion of the seeding agent and thereafter continuing the heating.

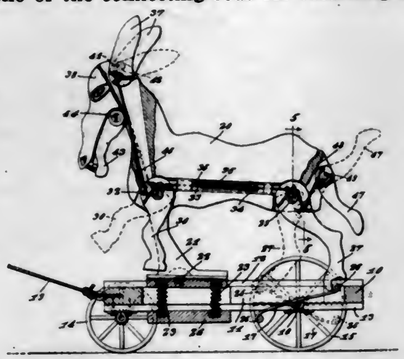
2,133,942
LASTING MACHINE
Joseph W. Barna, Chicago, Ill.
Application June 8, 1937, Serial No. 146,989
6 Claims. (Cl. 12—12)



1. In a lasting machine, a wiper-assembly comprising sectional end-wipers and side-wipers, means for effecting relative movements of the end-wiper sections and the side-wipers widthwise of the position of a shoe in the machine between their spread position and their inner lasting position, and treadle-mechanism for actuating said means comprising a differential treadle and foot-pedals carried on the treadle.

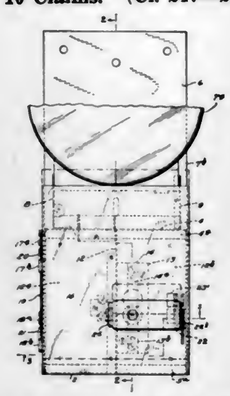
2,133,943
TOY MULE
James H. Barrett, Okmulgee, Okla.
Application February 28, 1938, Serial No. 193,159
3 Claims. (Cl. 46—110)

2. A toy animal comprising a wheeled platform, a standard pivotally mounted on the platform, springs carried by the platform and engaging the standard for yieldably holding the standard stationary, a toy animal on the standard having a body and rear legs, lower jaw, ears and tail pivoted to the body, connecting rods connecting together the parts pivoted to the body for simultaneous movement, a spring connected to one of the connecting rods for returning the



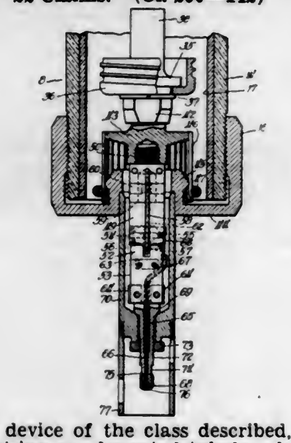
parts to normal position after each actuation, an axle, and tripper arms driven by the axle and engageable with the rear legs for simultaneously actuating the body and legs, lower jaw, ears and tail to simulate movements of an animal.

2,133,944
METER BOX
Albert J. Allen, Brooklyn, N. Y., assignor to Metropolitan Device Corporation, a corporation of New York
Application June 18, 1937, Serial No. 148,921
10 Claims. (Cl. 247—2)



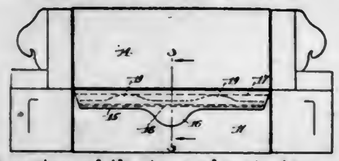
1. In a box for a meter of the bottom-connected type, having a removable cover and a terminal chamber, the combination comprising a box having a base, side and end walls and forming an enclosure for the terminal chamber of the meter, a cover for the box movable longitudinally of the box between a position in which it clears the cover of the meter and a position in which it extends into the space occupied by the cover of the meter, and means for maintaining the cover closed on the box only when positioned to clear the cover of the meter.

2,133,945
THERMAL CUT-OUT
Kenneth C. Beckett, Evanston, and Sigurd I. Lindell, Chicago, Ill., assignors to Schweitzer & Conrad, Inc., Chicago, Ill., a corporation of Delaware
Application April 21, 1934, Serial No. 721,706
22 Claims. (Cl. 200—142)



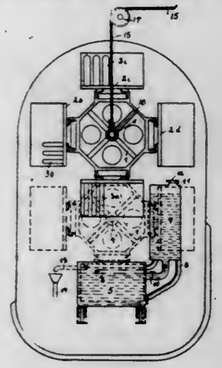
1. In a device of the class described, a housing comprising an elongated tubular sleeve having a conducting ferrule at each end, a pair of separable contact members in said housing for interconnecting said ferrules, a spring for separating said contact members, means within said housing for deionizing the arc produced upon separation of said contact members, a detent within said housing for restraining separation of said contact members, and a body of material having a relatively low melting point disposed in non-current conducting relation with respect to the current flow between said ferrules, said body of material being arranged and adapted to be responsive to the ambient temperature of said device for releasing said detent by melting to permit separation of said contact members when said temperature reaches a predetermined point.

2,133,946
CARTON CONSTRUCTION
Harrison C. Bloomer, Newark, N. Y., assignor to Bloomer Bros. Company, Newark, N. Y., a corporation of New York
Application March 23, 1936, Serial No. 70,295
11 Claims. (Cl. 229—51)



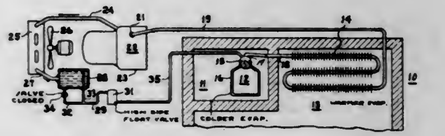
11. A carton of the type wherein two overlapping layers of sheet material are adhesively connected to each other and are adapted to be pulled away from each other to break the adhesive connection between them by a pulling force applied to one layer and producing a higher intensity of stress in that layer adjacent the point where the force is applied than at other points more remote therefrom, characterized by means for rendering the adhesive bond between said two layers weaker at said point of high intensity stress than at said other more remote points.

2,133,947
DIPPING MACHINE FOR PRODUCING SEAMLESS ARTICLES FROM SUBSTANCES IN SOLUTION
Albert Boecler, Berlin, Germany
Application October 26, 1933, Serial No. 695,357
5 Claims. (Cl. 18—24)



1. In a dipping apparatus, a dipping tank to contain moldable material in fluid condition, a conveying means, a plurality of mold cores supported thereon, means to operate said conveying means to submerge said cores to a substantially uniform, predetermined depth in said material, means for controlling the level of said material irrespective of the displacement thereof by said cores, said means comprising a source of supply to maintain a minimum level and means for removing a portion of said material upon increase of the same beyond a predetermined maximum level the volumetric difference between said maximum and minimum levels being substantially equal to the displacement of the cores.

2,133,948
REFRIGERATION APPARATUS
Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 6, 1935, Serial No. 15,003
20 Claims. (Cl. 62—115)



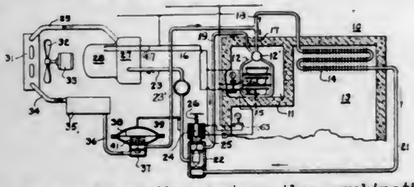
19. In refrigerating apparatus, the combination of a colder and a warmer evaporator element, and means for selectively circulating refrigerant first through the colder evaporator element and extracting heat therein by evaporation of liquid refrigerant at low pressure and then through the warmer evaporator element or circulating refrigerant through the warmer evaporator element and effecting evaporation of liquid refrigerant therein at a temperature above the temperature of the colder evaporator element and at a pressure higher than the pressure corresponding to said temperature of the colder evaporator element without adding an appreciable amount of heat to the colder evaporator element.

2,133,949

REFRIGERATION APPARATUS

Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application March 30, 1935, Serial No. 13,884
18 Claims. (Cl. 62—4)



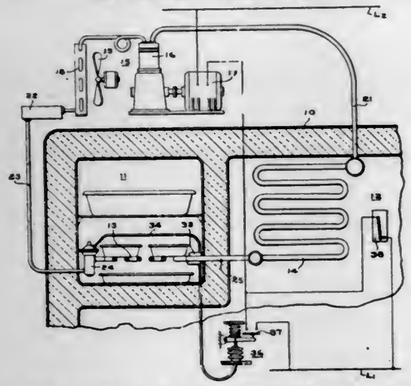
1. In a refrigerating system, the combination of a lower temperature and a higher temperature evaporator connected in parallel and in unrestricted communication with each other so that the pressure therein is substantially the same at all times, means including a compressor and a condenser for effecting evaporation of liquid refrigerant in said evaporators and for supplying liquid refrigerant thereto, said means being operative to effect evaporation of liquid refrigerant in the higher temperature evaporator at a temperature above the temperature of the lower temperature evaporator and at a pressure higher than the pressure corresponding to said temperature of the lower temperature evaporator, means common to said evaporators for reducing the pressure of the liquid refrigerant supplied thereto, and valve means for controlling flow of refrigerant through at least one evaporator for selectively effecting refrigeration in either evaporator, said evaporators being connected in such manner that liquid refrigerant flows into the lower temperature evaporator in preference to the higher temperature evaporator.

2,133,950

REFRIGERATING APPARATUS AND METHOD

Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application October 28, 1936, Serial No. 107,935
10 Claims. (Cl. 62—4)



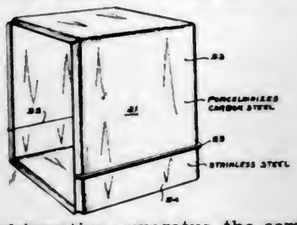
1. The method of controlling the operation of first and second refrigerant evaporators which comprises, admitting condensed refrigerant to the evaporators in such manner that it flows into the first evaporator in preference to the second evaporator, conveying vaporized or condensed refrigerant from the first evaporator to the second evaporator, and controlling the superheat in the refrigerant conveyed from the first to the second evaporator in such manner that the superheat progressively decreases as the pressure of the refrigerant progressively decreases, whereby superheated refrigerant vapor is conveyed to the second evaporator when the pressure of the refrigerant is relatively high and liquid refrigerant is conveyed to the second evaporator when the pressure is relatively low.

2,133,951

REFRIGERATION APPARATUS

John H. Ashbaugh, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application October 2, 1935, Serial No. 43,163
5 Claims. (Cl. 62—99)



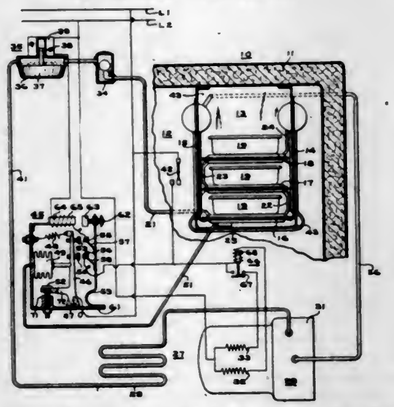
5. In refrigeration apparatus, the combination of spaced inner and outer casings, means for dividing said inner casing into a plurality of compartments, and means for effecting refrigeration of said compartments at relatively different temperatures, a portion of said inner casing defining one of said compartments being formed of a metal having a relatively lower heat conductivity than the portion of the inner casing defining another compartment.

2,133,952

REFRIGERATING METHOD AND APPARATUS

Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application March 3, 1936, Serial No. 66,808
16 Claims. (Cl. 62—4)



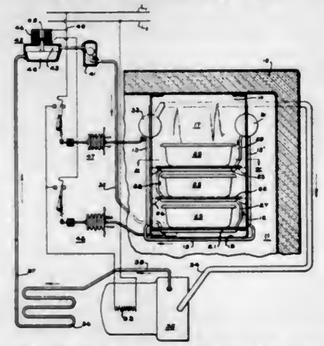
1. In refrigerating apparatus, the combination of a cabinet structure, a low temperature and a higher temperature evaporator disposed within said cabinet structure, refrigerant condensing means, means for conveying condensed refrigerant to said evaporators, temperature responsive means arranged within the cabinet for controlling the operation of the refrigerant condensing means, a device normally disposed in a first position in which refrigerant is delivered for vaporization in the higher temperature evaporator and in which position the temperature responsive means is effective for controlling the refrigerant condensing means; said device being movable manually to a second position in which refrigerant is delivered for vaporization in the low temperature evaporator and in which position the refrigerant condensing means is operated independently of the temperature responsive means, and means responsive to a predetermined temperature of the low temperature evaporator for actuating said device to its first position.

2,133,953

REFRIGERATING APPARATUS

Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application May 21, 1936, Serial No. 81,068
10 Claims. (Cl. 62—4)



1. In refrigerating apparatus, the combination of a cabinet structure having a compartment formed therein, an evaporator structure arranged within the compartment and including a relatively high temperature refrigerating element exposed to the air within the compartment and having a passage for refrigerant formed therein, said structure including a relatively low temperature refrigerating element disposed within said high temperature element for receiving substances to be congealed and having a second passage for refrigerant formed therein, means for conveying condensed refrigerant to the evaporator structure, and means for selectively adjusting the flow of refrigerant conveyed by the last-named means to said passages wherein it is vaporized to primarily effect refrigeration of either the high or low temperature refrigerating elements.

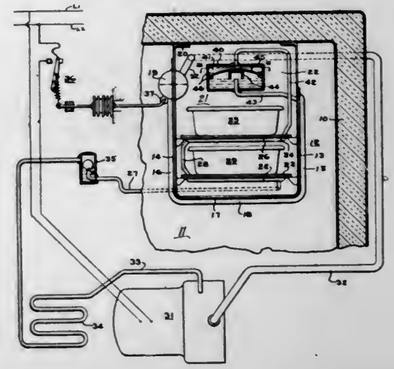
2,133,954

REFRIGERATING APPARATUS

Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application June 26, 1936, Serial No. 87,424
19 Claims. (Cl. 62—4)

1. In refrigerating apparatus, the combination of first and second evaporating elements, means for condensing refrigerant vaporized in said elements, means for conveying liquid refrigerant from the condensing means to said elements in such manner that liquid refrigerant normally flows into the first element in preference to the second element, and means responsive to a relatively low temperature of the refrigerant discharged from the first evaporating element for admitting liquid refrigerant to said second element and being responsive to a relatively high temperature for passing only refrigerant vaporized in the first element to said second element.

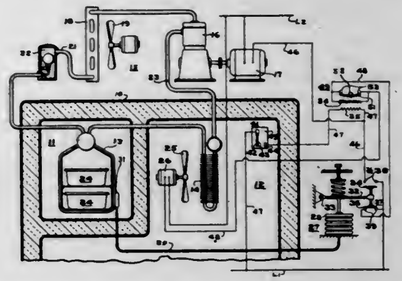


2,133,955

CONTROL FOR TWO-TEMPERATURE REFRIGERATORS

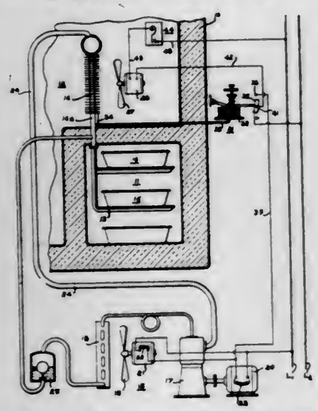
Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application October 22, 1936, Serial No. 106,976
14 Claims. (Cl. 62—4)



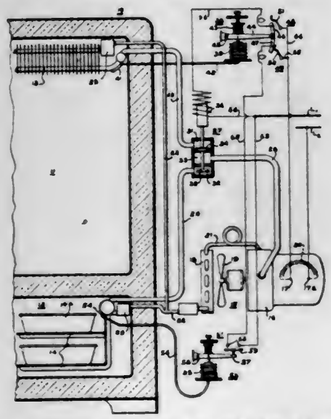
1. In refrigerating apparatus, the combination of means defining first and second cooling chambers, an evaporator element associated with each of the chambers, means for circulating refrigerant through the evaporator elements, means responsive to the temperature in one of the chambers for controlling the refrigerant circulating means, means for translating air in heat transfer relation with the evaporator element in the other chamber, and means responsive to the operation of said temperature responsive means and operative for rendering said air translating means ineffective during periods when the temperature responsive means calls for cooling.

2,133,956
REFRIGERATING APPARATUS
Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 1, 1936, Serial No. 103,507
8 Claims. (Cl. 62—4)



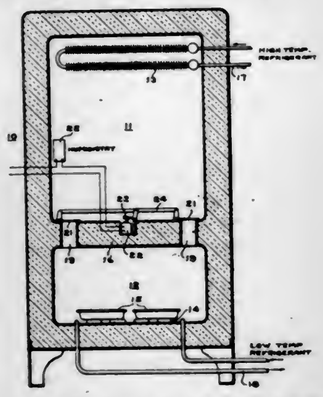
1. In refrigerating apparatus, the combination of means defining first and second zones to be refrigerated, an evaporator structure disposed for cooling media in both zones, means for circulating refrigerant through the evaporator structure, means for effecting forced circulation of the air in one zone in heat transfer relation with the evaporator for cooling the air, and means responsive to a predetermined abnormally high temperature of the evaporator structure for rendering the air circulating means incapable of operation.

2,133,957
CONTROL FOR TWO-TEMPERATURE REFRIGERATORS
Fred A. Harshberger, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application September 29, 1936, Serial No. 103,104
7 Claims. (Cl. 62—116)



4. In a control system for refrigerating apparatus having first and second cooling chambers, first and second evaporators disposed, respectively, in the chambers for cooling the same, means for condensing refrigerant for vaporization in the evaporators, means responsive to a predetermined temperature prevailing in the first chamber for effecting vaporization of refrigerant in its respective evaporator, means responsive to a second predetermined temperature prevailing in the second chamber for effecting vaporization of refrigerant in its respective evaporator, said temperature responsive means being so arranged that vaporization of refrigerant is effected in the second evaporator in preference to the first when the temperatures prevailing in both chambers are above said predetermined values, and a device actuated by said first temperature responsive means in response to an abnormal temperature, higher in value than said first predetermined temperature, for rendering the second temperature responsive means inactive, whereby vaporization of refrigerant is initiated in the first evaporator and terminated in the second, said device rendering the second temperature responsive means active when said abnormal temperature has been depressed to a normal value.

2,133,958
HUMIDITY CONTROL FOR REFRIGERATORS
Milton Kalischer, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 21, 1937, Serial No. 121,451
3 Claims. (Cl. 62—6)

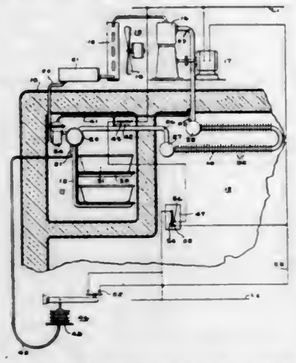


1. In refrigerating apparatus, the combination of a structure defining first and second zones to be refrigerated, means for cooling the air in the first zone to a relatively low temperature, means for cooling the air in the second zone to a relatively high temperature, and means responsive to a predetermined value of the humidity of the air in the higher temperature zone for establishing communication between the zones.

2,133,959
REFRIGERATING APPARATUS
Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 31, 1936, Serial No. 108,516
11 Claims. (Cl. 62—4)

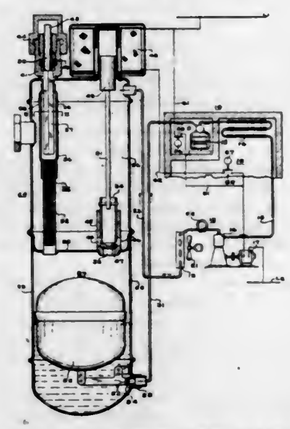
1. In apparatus for refrigerating first and second zones, the combination of first and second

evaporators disposed for cooling said zones, respectively, means for supplying refrigerant to the evaporators, a device common to both evaporators for selectively controlling the vaporization of refrigerant therein, first and second tem-



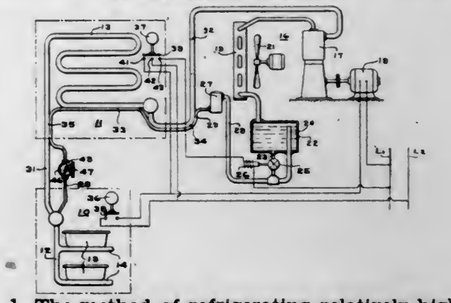
perature responsive elements associated with the respective evaporators for controlling said device, and means for controlling the operation of the refrigerant supply means and for selecting the element which is to control the device.

2,133,960
REFRIGERATING APPARATUS
Graham S. McCloy, East Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 16, 1936, Serial No. 116,102
12 Claims. (Cl. 62—115)



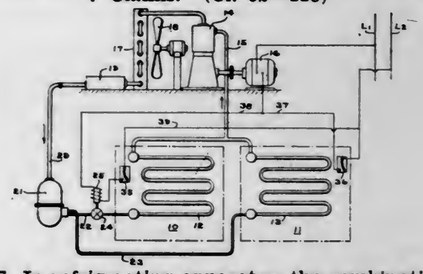
1. In a two-temperature refrigerating system, the combination of a pair of evaporator elements, means for condensing refrigerant vaporized in the evaporator elements, means for conveying the condensed refrigerant to the evaporator elements for vaporization and means for withholding a predetermined quantity of condensed refrigerant from circulation at certain times during the operation of the system, whereby condensed refrigerant is delivered to only one of the evaporator elements at that time, said refrigerant withholding means including an adjustment for varying the amount of refrigerant that may be withheld from said one evaporator element.

2,133,961
REFRIGERATION APPARATUS
Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 11, 1936, Serial No. 110,202
14 Claims. (Cl. 62—3)



1. The method of refrigerating relatively high and low temperature evaporators, which comprises selectively effecting evaporation of refrigerant in the high and low temperature evaporators, condensing the vaporous refrigerant and returning it to the evaporators, and transferring heat from the condensed refrigerant at substantially condensing pressure to the high temperature evaporator.

2,133,962
REFRIGERATING APPARATUS
Malcolm G. Shoemaker, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 30, 1936, Serial No. 108,361
7 Claims. (Cl. 62—115)

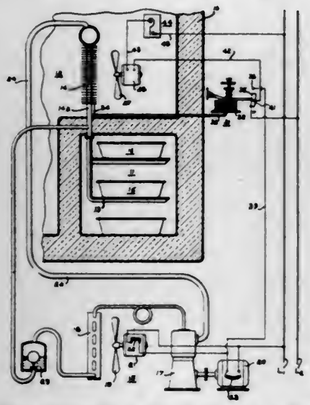


7. In refrigerating apparatus, the combination of first and second evaporators, a refrigerant condensing unit for circulating refrigerant through the evaporators, and means including first and second refrigerant passages respectively connected to the first and second evaporators for selectively controlling the flow of refrigerant to the evaporators, said means being actuated in response to variable levels of refrigerant condensed by said condensing unit.

2,133,963
REFRIGERATING APPARATUS AND METHOD
Graham S. McCloy, East Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 31, 1936, Serial No. 118,447
Renewed April 5, 1938
8 Claims. (Cl. 62—4)

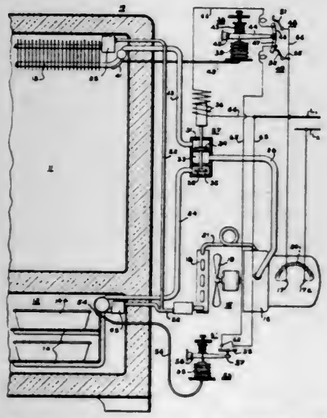
1. In refrigerating apparatus, the combination of first and second evaporators, refrigerant

2,133,956
REFRIGERATING APPARATUS
Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 1, 1936, Serial No. 103,507
8 Claims. (Cl. 62—4)



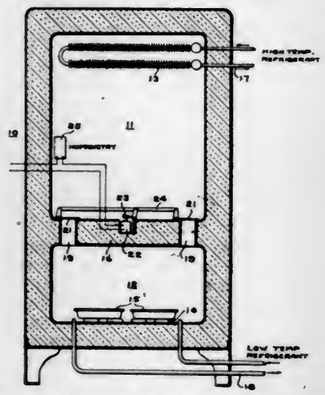
1. In refrigerating apparatus, the combination of means defining first and second zones to be refrigerated, an evaporator structure disposed for cooling media in both zones, means for circulating refrigerant through the evaporator structure, means for effecting forced circulation of the air in one zone in heat transfer relation with the evaporator for cooling the air, and means responsive to a predetermined abnormally high temperature of the evaporator structure for rendering the air circulating means incapable of operation.

2,133,957
CONTROL FOR TWO-TEMPERATURE REFRIGERATORS
Fred A. Harshberger, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application September 29, 1936, Serial No. 103,104
7 Claims. (Cl. 62—116)



4. In a control system for refrigerating apparatus having first and second cooling chambers, first and second evaporators disposed, respectively, in the chambers for cooling the same, means for condensing refrigerant for vaporization in the evaporators, means responsive to a predetermined temperature prevailing in the first chamber for effecting vaporization of refrigerant in its respective evaporator, means responsive to a second predetermined temperature prevailing in the second chamber for effecting vaporization of refrigerant in its respective evaporator, said temperature responsive means being so arranged that vaporization of refrigerant is effected in the second evaporator in preference to the first when the temperatures prevailing in both chambers are above said predetermined values, and a device actuated by said first temperature responsive means in response to an abnormal temperature, higher in value than said first predetermined temperature, for rendering the second temperature responsive means inactive, whereby vaporization of refrigerant is initiated in the first evaporator and terminated in the second, said device rendering the second temperature responsive means active when said abnormal temperature has been depressed to a normal value.

2,133,958
HUMIDITY CONTROL FOR REFRIGERATORS
Milton Kalischer, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 21, 1937, Serial No. 121,451
3 Claims. (Cl. 62—6)

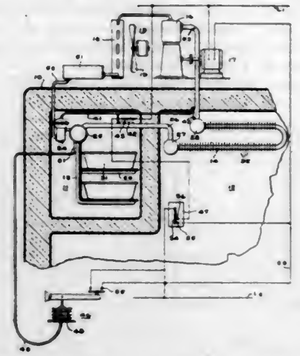


1. In refrigerating apparatus, the combination of a structure defining first and second zones to be refrigerated, means for cooling the air in the first zone to a relatively low temperature, means for cooling the air in the second zone to a relatively high temperature, and means responsive to a predetermined value of the humidity of the air in the higher temperature zone for establishing communication between the zones.

2,133,959
REFRIGERATING APPARATUS
Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 31, 1936, Serial No. 108,516
11 Claims. (Cl. 62—4)

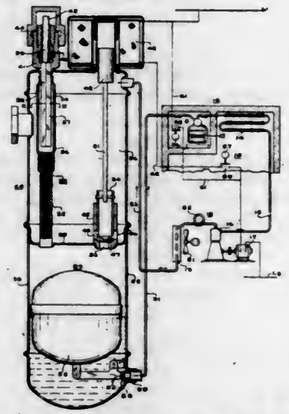
1. In apparatus for refrigerating first and second zones, the combination of first and second

evaporators disposed for cooling said zones, respectively, means for supplying refrigerant to the evaporators, a device common to both evaporators for selectively controlling the vaporization of refrigerant therein, first and second tem-



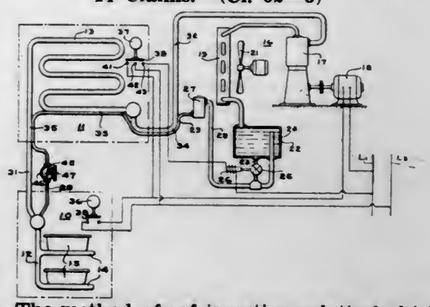
perature responsive elements associated with the respective evaporators for controlling said device, and means for controlling the operation of the refrigerant supply means and for selecting the element which is to control the device.

2,133,960
REFRIGERATING APPARATUS
Graham S. McCloy, East Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 16, 1936, Serial No. 116,102
12 Claims. (Cl. 62—115)



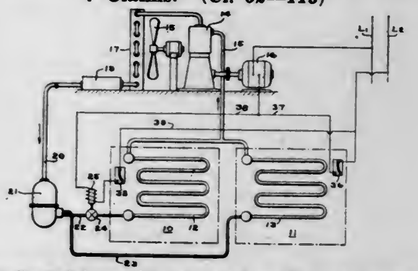
1. In a two-temperature refrigerating system, the combination of a pair of evaporator elements, means for condensing refrigerant vaporized in the evaporator elements, means for conveying the condensed refrigerant to the evaporator elements for vaporization and means for withholding a predetermined quantity of condensed refrigerant from circulation at certain times during the operation of the system, whereby condensed refrigerant is delivered to only one of the evaporator elements at that time, said refrigerant withholding means including an adjustment for varying the amount of refrigerant that may be withheld from said one evaporator element.

2,133,961
REFRIGERATION APPARATUS
Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 11, 1936, Serial No. 110,202
14 Claims. (Cl. 62—3)



1. The method of refrigerating relatively high and low temperature evaporators, which comprises selectively effecting evaporation of refrigerant in the high and low temperature evaporators, condensing the vaporous refrigerant and returning it to the evaporators, and transferring heat from the condensed refrigerant at substantially condensing pressure to the high temperature evaporator.

2,133,962
REFRIGERATING APPARATUS
Malcolm G. Shoemaker, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 30, 1936, Serial No. 108,361
7 Claims. (Cl. 62—115)

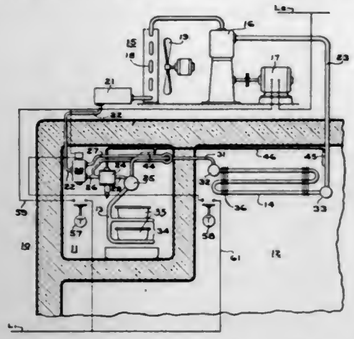


7. In refrigerating apparatus, the combination of first and second evaporators, a refrigerant condensing unit for circulating refrigerant through the evaporators, and means including first and second refrigerant passages respectively connected to the first and second evaporators for selectively controlling the flow of refrigerant to the evaporators, said means being actuated in response to variable levels of refrigerant condensed by said condensing unit.

2,133,963
REFRIGERATING APPARATUS AND METHOD
Graham S. McCloy, East Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 31, 1936, Serial No. 118,447
Renewed April 5, 1938
8 Claims. (Cl. 62—4)

1. In refrigerating apparatus, the combination of first and second evaporators, refrigerant

condensing means, means for conveying the condensed refrigerant to the evaporators for vaporization, a device common to the evaporators for controlling the vaporization of refrigerant in the evaporators, first and second temperature responsive elements associated with the respective



evaporators for controlling the device, and means for selecting the element which is to control the device, said selecting means including means for transferring heat from said refrigerant conveying means to one of said temperature responsive elements.

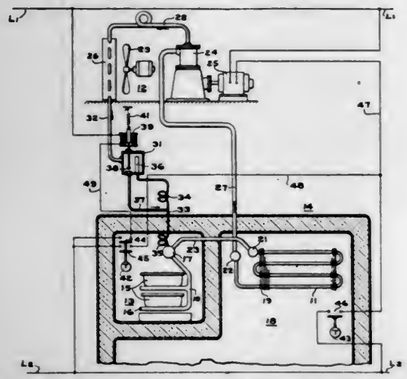
2,133,964

REFRIGERATING APPARATUS

Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application April 1, 1937, Serial No. 134,230

12 Claims. (Cl. 62—116)



1. In refrigerating apparatus, the combination of an evaporator structure, means for withdrawing refrigerant vaporized in the evaporator structure, means for condensing the withdrawn refrigerant, means for conveying the condensed refrigerant to the evaporator structure, said conveying means including first and second capillary expansion means having different resistances to refrigerant flow and means for selecting the expansion means that is effective to convey the refrigerant to the evaporator structure and means for storing and withholding from the evaporator structure a predetermined quantity of condensed refrigerant when the capillary expansion means of greater resistance is rendered effective and releasing said predetermined quantity of said condensed refrigerant to the evaporator structure when the capillary expansion means of lesser resistance is rendered effective.

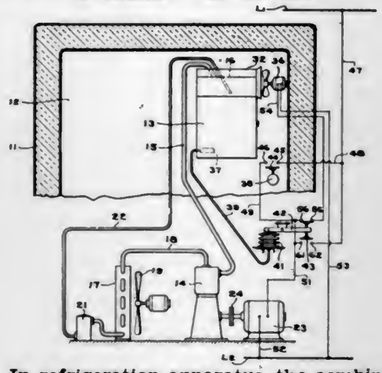
2,133,965

REFRIGERATION APPARATUS

Graham S. McCloy, East Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application January 26, 1937, Serial No. 122,341

5 Claims. (Cl. 62—116)



1. In refrigeration apparatus, the combination of a refrigerator cabinet embodying a food storage compartment, an evaporator formed of sheets of metal welded together to provide refrigerant passages therein for abstracting heat from the food storage compartment, said welded evaporator having a portion bent to provide a substantially closed sharp freezing zone, heat insulation arranged to form a compartment and closing said sharp freezing zone, said evaporator having a second welded sheet metal portion extending through the heat insulation into the food storage compartment, and a fan for circulating air from the food storage compartment over the portion of the welded evaporator extending into the food storage compartment for cooling the latter.

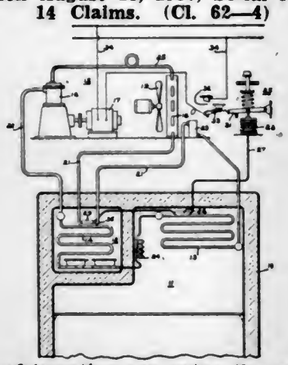
2,133,966

METHOD AND APPARATUS FOR CONTROLLING REFRIGERATING MACHINES

Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application August 18, 1937, Serial No. 159,657

14 Claims. (Cl. 62—4)



1. In refrigerating apparatus, the combination of a refrigerating machine including an evaporator, a thermostat for starting and stopping operation of the refrigerating machine and having a first thermal responsive element disposed in heat transfer relation with the evaporator and a second thermal responsive element remotely disposed with respect to the first-mentioned element and in a region of higher temperature, said elements containing a volatile fluid and being in communication one with the other, and means effective during active periods of the refrigerating machine for heating said first element to a temperature in excess of the temperature of said second element.

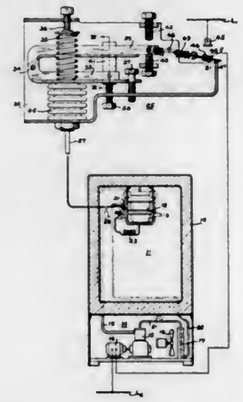
2,133,967

CONTROL FOR REFRIGERATING APPARATUS

Leslie B. M. Buchanan, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application August 18, 1937, Serial No. 159,658

10 Claims. (Cl. 62—4)



1. In refrigerating apparatus, the combination of means defining relatively low and high temperature zones to be refrigerated, evaporator means for abstracting heat from both zones, means for circulating refrigerant through the evaporator means, a switch for initiating and terminating operation of the circulating means, a thermostatic device for actuating said switch and including first and second elements responsive, respectively, to the temperatures of the low and higher temperature zones, said element responsive to the temperature of the low temperature zone being effective to close the switch during inactive periods of the circulating means, means effective during active periods of the circulating means for transferring control of the switch to the element responsive to the temperature of the higher temperature zone whereby said element is rendered effective to open the switch and means for transmitting movement of the thermostatic device to the switch and providing for overtravel of the device with respect to the switch so that movement is imparted to the switch during the first portion of a movement of the thermostatic device and relative movement between the thermostatic device and the switch is permitted during the remaining portion of the movement of the thermostatic device.

2,133,968

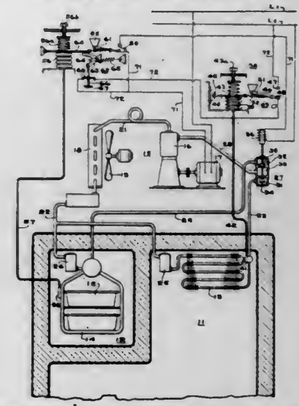
CONTROL FOR TWO-TEMPERATURE REFRIGERATORS

Walter M. Van Sciver, Lansdowne, and Raymond J. Ridge, Yeadon, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application October 31, 1936, Serial No. 108,520

Renewed January 15, 1938

7 Claims. (Cl. 62—115)



1. The method of controlling the operation of a refrigerating machine having relatively high and low temperature evaporators, which comprises automatically and selectively effecting refrigeration by the low and higher temperature evaporators in response to demands for cooling thereon and in such manner that the higher temperature evaporator preferentially effects refrigeration when there is a cooling demand on both evaporators, manually effecting refrigeration by the low temperature evaporator in preference to the higher temperature evaporator, at will, and re-establishing automatic control of the evaporators in response to a predetermined low temperature of the low temperature evaporator subsequent to an operation thereof that was manually effected.

2,133,969

THIAZOLE COMPOUNDS AND METHODS OF MAKING THEM

Edwin R. Buchman, New York, N. Y., assignor to Research Corporation, New York, N. Y., a corporation of New York

No Drawing. Application March 18, 1935, Serial No. 11,682

7 Claims. (Cl. 260—302)

1. The method of making thiazole compounds which comprises condensing thio formamide with a compound having the formula $CH_3COCHXR$, in which X represents a halogen of the group consisting of bromine, chlorine and iodine and R is one of the groups CH_2CH_2OH, CH_2COOH, CH_2CHO and $CH_2COOC_2H_5$.

2,133,970

ELECTRODE AND METHOD OF MAKING SAME

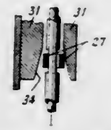
Magnus Christensen, George Hunter Plaine, James Edward Trainer, and James Campbell Hodge, Barberton, Ohio, assignors to The Babcock & Wilcox Company, Bayonne, N. J., a corporation of New Jersey

Application July 2, 1930, Serial No. 465,348

8 Claims. (Cl. 219—8)

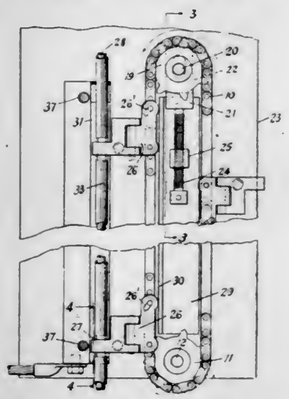
1. An electric welding bar having combustible

covering of non-conducting material, the bar be-



ing bared intermediate the ends of the covering.

2,133,971
WELDING APPARATUS
Magnus Christensen and George Hunter Plaine, Barberton, and James Edward Trainer, Fairlawn, and James Campbell Hodge, Akron, Ohio, assignors to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey
Original application July 2, 1930, Serial No. 465,348. Divided and this application January 12, 1938, Serial No. 184,538
19 Claims. (Cl. 219—8)



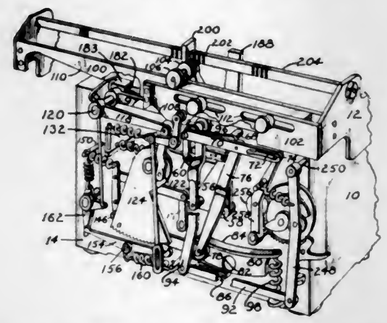
1. An electrode feeding device for arc welding machines including a plurality of traveling contact shoes successively engaging a movable electrode with a non-cutting action, means for maintaining the shoes pressed against the electrode throughout its feeding range, means for moving said shoes to feed said electrode longitudinally, and an electrical contact member positioned to engage said shoes when in gripping position for supplying current to said electrode.

2,133,972
HOUSEHOLD SPRAY
Gerald H. Coleman and John W. Zemba, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application August 10, 1937, Serial No. 158,335
10 Claims. (Cl. 167—24)

1. A substantially water-free insecticidal spray comprising as its principal toxic ingredient a hydroxyl-alkyl ether of a phenol dissolved in a non-corrosive organic solvent.

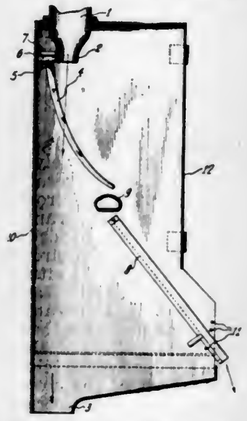
3. A substantially water-free insecticidal spray comprising a non-corrosive organic solvent having dissolved therein as insecticidal toxicants a product selected from the class consisting of the extracts of pyrethrin- and rotenone-bearing plants, and a hydroxy-alkyl ether of a phenol.

2,133,973
AUTOMATIC JUSTIFYING APPARATUS
Alpha F. Colton, Ashland, Ohio
Application September 30, 1935, Serial No. 42,796
31 Claims. (Cl. 197—84)



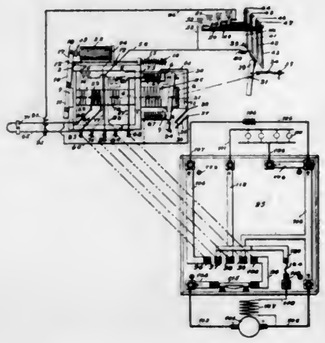
1. In a printing apparatus, a print recording surface, means for advancing said surface in step by step manner as character impressions are made thereon, means controlling said first means for varying the extent of movement of said surface for each step by step advancement, and means responsive to certain positions of said surface in its advance for controlling said second mentioned means.

2,133,974
SEPARATING APPARATUS
Edwin Cowles, Hopewell, N. J., assignor to The Cowles Company, Princeton, N. J., a corporation of New Jersey
Application June 20, 1935, Serial No. 27,604
4 Claims. (Cl. 92—29)



1. Apparatus for the separation of solid material from liquid, comprising, a nozzle, a plurality of spaced blades extending through the path of flow from said nozzle, said blades being set edgewise to said flow with the faces of said blades parallel to the axis of flow, the edges of said blades being curved so that the angle between said edges and the axis of flow increases progressively, but is always such that separated solid material tends to slide along the edges of said blades out of the path of flow from said nozzle.

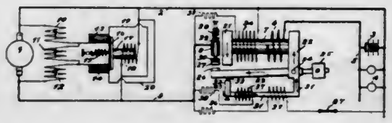
2,133,975
ELECTRIC SYSTEM
John L. Creveling, near Tucson, Ariz., assignor to The Safety Car Heating & Lighting Company, a corporation of New Jersey
Application May 1, 1933, Serial No. 668,800
20 Claims. (Cl. 171—314)



7. In an electric system, a regulator unit for controlling the operation thereof and quick detachable means for supporting said unit and connecting the same in circuit comprising a plurality of electrically separate members cooperating to form a horizontal shelf-like support.

9. In an electric system including a source of voltage tending to vary, a storage battery and translating devices supplied thereby, a magnetizable unit having cooperating instrumentalities operated upon variations in said voltage to connect and disconnect the source, to regulate the source and to regulate the translating devices.

2,133,976
ELECTRIC SYSTEM
John L. Creveling, near Tucson, Ariz., assignor to The Safety Car Heating & Lighting Company, a corporation of New Jersey
Application March 12, 1935, Serial No. 10,646
2 Claims. (Cl. 171—314)

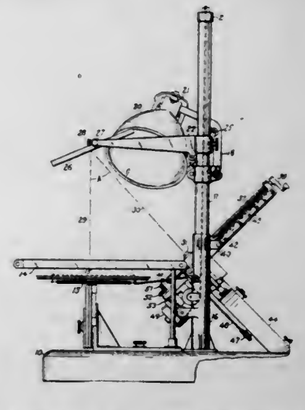


1. An electric system including a generator, a storage battery and means automatically connecting and disconnecting the same at times when their voltages are substantially equal throughout substantial changes in battery voltage incident to charging and discharging comprising a movable magnetic member, a yoke of magnetic material in close magnetic relation to one end thereof and provided with cores on opposite sides of said member having poles near the end of said member opposite side yoke for attracting the member to perform connection and disconnection, a coil upon one of said cores in shunt to the generator, and a coil upon the other in shunt to the generator and another coil thereon in series with the generator and battery when they are disconnected by the automatic means.

2,133,977
SALTS OF ARYL-SUBSTITUTED AMINO ALCOHOLS AND PROCESSES FOR THEIR PRODUCTION
Otto Dalmer and Fritz von Werder, Darmstadt, Germany, assignors to Merck & Co., Inc., Rahway, N. J., a corporation of New Jersey
No Drawing. Original application September 15, 1934, Serial No. 744,168. Patent No. 2,094,000. Divided and this application February 27, 1937, Serial No. 128,160. In Germany September 22, 1933
8 Claims. (Cl. 260—501)

1. A coumarin-3-carboxylic acid salt of a substituted amino alcohol of the group consisting of 1-adrenaline, 1-p-aminophenyl-2-methyl aminopropanol, and 1-1-phenyl-2-methyl aminoethan-1-ol.

2,133,978
COPYING APPARATUS
Rupert H. Draeger, United States Navy
Application July 27, 1936, Serial No. 92,745
11 Claims. (Cl. 88—24)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

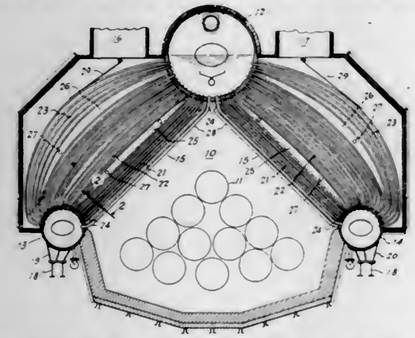


1. In a copying unit, the combination comprising a base and an object support thereon, a standard extending from said base, a plate supported by said standard for movement relative thereto, a camera secured to said plate for angular movement through ninety degrees with respect to said plate, a reflector supported by said standard for movement relative thereto, and means connecting said camera and said reflector for shifting one in response to movement of the other.

2,133,979
VAPOR GENERATOR
William M. Firshing, West New Brighton, Staten Island, N. Y., assignor to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey
Application April 13, 1935, Serial No. 16,123
3 Claims. (Cl. 122—327)

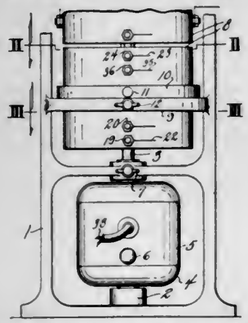
1. A water tube boiler comprising, in combination, means defining a combustion chamber for a furnace, a steam and water drum arranged at the upper part of the furnace and above the combustion chamber, a pair of lower water drums disposed at opposite sides of the combustion chamber and extending in the same general directions as the upper drum, a set of steam gener-

ating tubes connecting each lower water drum to the upper drum, each set being divided into first and second groups with the first groups being arranged adjacent and delineating the upper portions of the combustion chamber and the second groups being disposed remote from the combustion chamber and in the rear of the first groups with spaces provided therebetween, the tubes forming the first groups being formed straight for practically their entire length, the tubes forming the second groups being similarly bowed away from the combustion chamber so as to permit expansion and contraction thereof incident to temperature changes, a superheater disposed within the space between one of the second groups and the adjacent first group forming a set, each set of steam generating tubes



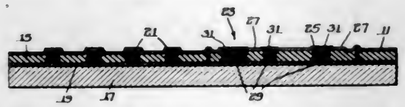
constituting a single pass section with the furnace gases moving in a single direction from front to rear across the section and the tubes of said first groups being of materially larger diameter than the tubes of the remaining groups whereby the tubes of the first groups constitute the main support for the steam and water drum while the tubes of the other groups provide a predominating part of the entire steam generating surface, a gas outlet on each side of the drum, and gas distribution baffles each starting at an intermediate portion of one of said outlets and extending part way down over the rear tubes.

2,133,980
ELECTRIC CURRENT WAVE HANDLING
Harry R. Fowler, Toledo, Ohio
Application June 23, 1936, Serial No. 86,780
4 Claims. (Cl. 175—364)



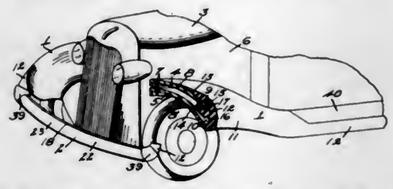
1. A converter comprising a synchronous motor, an alternating current supply therefor, a ring member carrying individual segmented arcuate current contacts, some of which are connected to supply and others to delivery terminals, a rolling conductor member driven by said motor and arranged to electrically connect and disconnect certain of said supply and delivery contacts at intervals synchronized with respect to the motor frequency, whereby the rolling member conductor engagement is limited to approximate a radial region of the rolling member, and means for effecting relative angular phase adjustment between said ring member and said rolling member, to enable interruption and connection of the current near a zero point of the current wave.

2,133,981
PRINTING ELEMENT AND METHOD OF MAKING AND USING SAME
Philip A. Frazier, Oak Park, Ill., assignor to Frazier Processes Incorporated, New York, N. Y., a corporation of New York
Application March 29, 1935, Serial No. 13,629
12 Claims. (Cl. 101—401.1)



1. The method of mounting a relatively thin shell-like printing element, which consists in applying a resilient backing to the element and then hardening the backing opposite various localized areas of the element to a relatively greater degree than opposite the remaining areas.

2,133,982
RESILIENT FENDER AND BUMPER FOR VEHICLES
Geoffrey Galwey, Fort Meade, S. Dak.
Application June 29, 1937, Serial No. 150,931
5 Claims. (Cl. 280—152)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

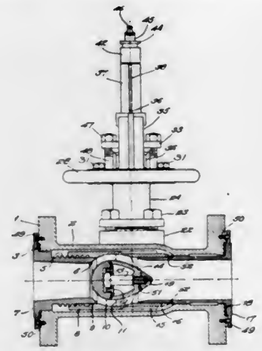


3. A guard comprising in combination a pair of substantially parallel base members having beads on their outer edges and a resilient cushion element interlocking with said beads and incasing said base members.

2,133,983
VALVE
Audley D. Gaston, Baytown, Tex.
Application August 26, 1936, Serial No. 98,051
18 Claims. (Cl. 137—139)

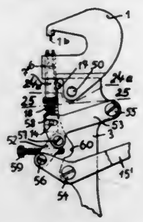
1. A device for controlling the flow of fluids comprising a housing provided with an external boss, the housing having secured therein inlet and outlet bushings, one of said bushings being provided with screw threads to mesh with an internally supported and guided concentrically rotatable and endwise movable cylindrical cage provided with corresponding companion threads and with a valve attached and fixed concentrically therein, said cage being further provided

with helical gear teeth cut on the external cylindrical surface thereof, the said bushings and cage providing a lining through the housing



throughout the fluid passageway, a helix for the gear teeth on the cage, said helix being fitted within said boss, and a stem attached to said helix for rotating said helix.

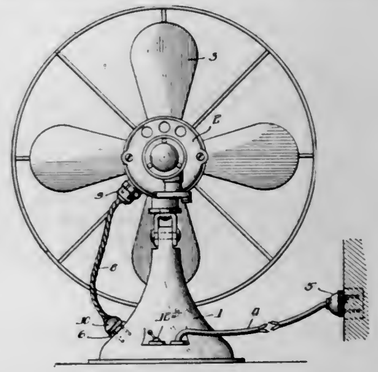
2,133,984
TONGS
Maurus Glas, Schmalkalden-Naherstille, Germany, assignor of one-half to the firm Gebrüder Heller, Schmalkalden, Thuringia, Germany
Application April 11, 1936, Serial No. 73,879
24 Claims. (Cl. 78—36)



1. A tong comprising a bow-shaped working head, a guide in one shank of the working head, a tool rectilinearly displaceable in said guide, this tool consisting of an intermediate sleeve having a collar at its lower end and of a stamp guided in said sleeve, a carrier for the working head detachably connected with said working head, a longitudinal guide in the carrier cooperating with said collar of said intermediate sleeve, and means for driving said tool.

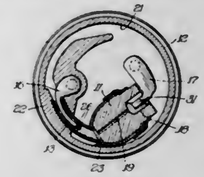
2,133,985
FLEXIBLE CURRENT CONNECTION FOR OSCILLATING FANS
Charles G. Green, Chicago, Ill., assignor to Alfred Decker & Cohn, Inc., Chicago, Ill., a corporation of Illinois
Application January 25, 1937, Serial No. 122,157
3 Claims. (Cl. 230—259)

1. The combination of an oscillating fan motor, a stationary support therefor, a freely flexible cord connection between said support and motor, to feed current to the latter, and a separable plug connection between the cord and motor, with the latter having the prongs thereof, to facilitate the making of repairs when the cord breaks, the



cord remaining undisturbed at both ends thereof when the fan is stored or not in use.

2,133,986
ELECTRODE FOR MERCURY DEVICES
Stanley S. Green, La Fayette, Ind., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind., a corporation of Illinois
Application April 8, 1937, Serial No. 135,708
20 Claims. (Cl. 200—152)

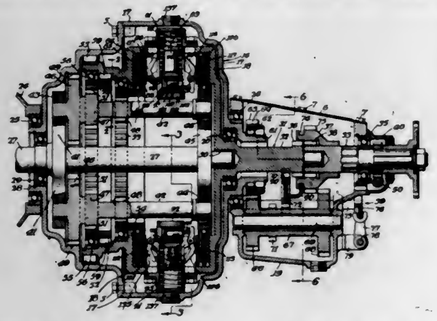


1. A device for forming part of an electrical circuit comprising a container, mercury in said container, and an electrode for said mercury which is sometimes exposed to air and subjected to arcing, said electrode including a supporting and conducting portion consisting chiefly of iron and substantially unaffected by the mercury in use and a tip portion welded thereto and including a contact tip positioned to contact said mercury and comprising a sintered mixture of silver in a sufficient proportion to maintain mercury in amalgamation with said contact tip even when it is separated from the main body of mercury, whereby a substantially zero contact resistance is assured, and iron in a non-miscible proportion sufficient to limit the dissolving of said silver by said mercury.

2,133,987
CHANGE SPEED GEARING
Joseph M. Hall and Herbert E. Tucker, Chicago, Ill.
Application November 6, 1933, Serial No. 696,773
14 Claims. (Cl. 74—260)

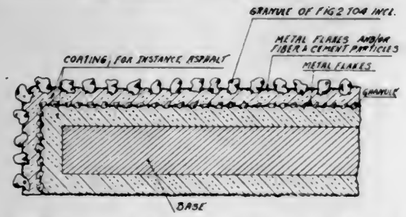
1. In combination, a drive shaft, a driven shaft, said driven shaft comprising a forward section and a rear section, a clutch for connecting the shaft sections together, and means including permanently intermeshing gear mechanism for rotating said sections when the same are clutched together, said mechanism comprising internal

gears and pinions engaging the same, and means



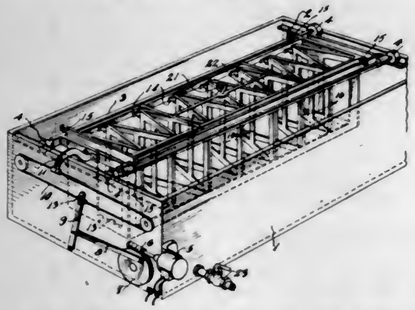
including said gears for rotating said rear section to the exclusion of said forward section.

2,133,988
ROOFING AND SIDING ELEMENTS
Norman P. Harshberger, Scarsdale, N. Y., assignor to Bakelite Building Products Co., Inc., New York, N. Y., a corporation of Delaware
Application July 23, 1935, Serial No. 32,723
12 Claims. (Cl. 91—68)



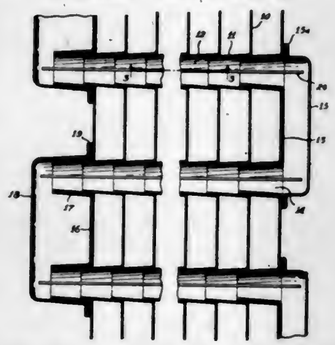
1. The method of applying asbestos fibres to a surface which comprises adhering individual roofing granules to said fibres and applying the mixture to said surface, the granular material being of sufficient mass whereby to act as a carrier for the asbestos fibres to assist in the distribution and application thereof.

2,133,989
TANNING APPARATUS
Charles Kannel, Cleveland, Ohio
Application October 22, 1936, Serial No. 107,079
14 Claims. (Cl. 149—21)



1. Hide tanning apparatus of the class described, comprising a rack and hide supporting means disposed in said rack and having means for fixedly holding the sides of a hide thereon in such spaced position as to form a pressure pocket for trapping the tanning liquor during tanning operation and forcing said liquor to penetrate the hide.

2,133,990
RADIATOR MANUFACTURE
John Karmazin, Huntington, Ind., assignor to Karmazin Engineering Company, a corporation of Michigan
Application January 25, 1935, Serial No. 3,490
1 Claim. (Cl. 29—157.3)

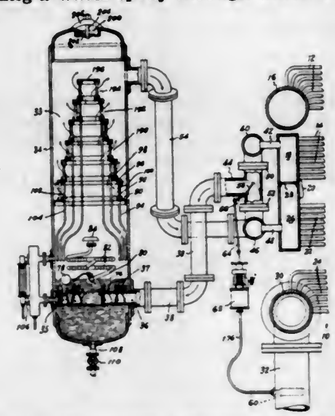


The method of increasing the conductivity of a manufactured heat exchange tube structure and of decreasing the cost of its manufacturing equipment and the cost of its manufacture, which comprises aligning and telescoping tubular projections of relatively low cost, low heat conducting sheet steel fins to form a tube having a series of aligned joints, distributing a relatively small quantity of relatively high cost, high heat conducting cuprous material, having many times higher heat conducting power than said sheet steel, along the bottom and interior of said tube structure, heating said tube structure in a reducing atmosphere, maintaining the tube structure in a substantially horizontal position while being heated and maintaining, while being heated, the same portion of said tube structure in the lowermost position to prevent wasteful coating of the projections between said aligned joints, to guide and proportionally distribute said bonding material to said joints and to cause said bonding material to form a series of rings of relatively high heat conductivity extending continuously from the interior to the exterior of said tubes.

2,133,991
SUPERHEATER
Howard J. Kerr, Westfield, N. J., assignor to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey
Application July 18, 1934, Serial No. 735,780
21 Claims. (Cl. 122—479)

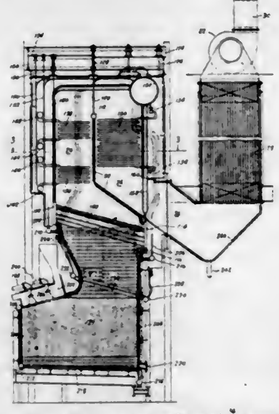
4. In a device for superheating steam and regulating the temperature thereof, a fuel-fired superheater in which the temperature of the steam is raised, means for conducting the superheated steam from said superheater to a point of use at substantially the exit temperature from the superheater, and means including a second superheater and a controlled direct action desuperheater for regulating the exit temperature of the superheated steam from the first mentioned superheater by adding varying amounts of heat to the steam entering the first mentioned superheater, said desuperheater including means

providing a water spray through which the steam



must pass after passing through a body of water in the desuperheater.

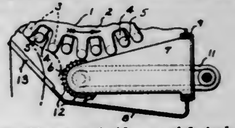
2,133,992
WALL CONSTRUCTION
Howard J. Kerr, Westfield, N. J., assignor to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey
Application August 3, 1935, Serial No. 34,537
20 Claims. (Cl. 122—235)



1. In combination, spaced casing sections forming walls of adjoining gas passes, a partition forming a wall common to both gas passes, and independent means on opposite sides of the partition movably associating the partition with the sections and completing a gas pass structure on each side of the partition.

2,133,993
TRANSFER DEVICE
Walter F. Knebusch, Cleveland, and Foster F. Hillix, Lakewood, Ohio, assignors to Industrial Rayon Corporation, Cleveland, Ohio, a corporation of Delaware
Application August 21, 1935, Serial No. 37,253
8 Claims. (Cl. 18—8)

1. In a thread processing apparatus including a rotatable thread-storage, thread-advancing device, means for transferring thread from said device comprising a rotatable carrying member and, projecting from said member, a plurality of inherently flexible elements, said thread transferring means being disposed in such relation to said thread-storage, thread-advancing device that the



projecting portions of the said inherently flexible elements bear against the surface of said device engage and remove the thread to be transdevice to engage and remove the thread to be transferred.

2,133,994
OPHTHALMIC LENS
Max A. Laabs, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application August 22, 1935, Serial No. 37,348
4 Claims. (Cl. 88—54)



1. A multifocal lens having an upper distance field, central intermediate field and a lower reading field, said distance field comprising a unitary piece of lens medium of a given index of refraction and having curved optical surfaces on the opposed sides thereof of such radii as to produce the power desired of said distance field, said intermediate field comprising a relatively small piece of lens medium of a different index of refraction having curved optical surfaces on its opposed sides and secured between the first piece of lens medium and another piece of lens medium of sensibly the same index of refraction, said first piece of lens medium and piece of lens medium of sensibly the same index of refraction each having an outer surface which is a continuation of the respective opposed surfaces on the first piece of lens medium and which, combined with the opposed surfaces on the piece of lens medium of a different index of refraction, produce the power desired in said intermediate field and said reading field being composed of a continuation of the first piece of lens medium and having a surface on one side thereof which is a continuation of the respective adjacent surface which extends over the distance and intermediate fields and having a curved surface on the opposed side thereof which is of a different radius than the respective adjacent surface on the said distance and intermediate fields and which intersects said adjacent surface at a point substantially aligned with the lower contour edge of the piece of lens medium of a different index of refraction, along a line substantially normal to and extending through the plane of the lens.

2,133,995
PROCESS FOR GOLD PLATING CHROMIUM ALLOY STEELS
Hiram Stanhope Lukens, Philadelphia, Pa., assignor to C. Howard Hunt Pen Company, Camden, N. J., a corporation of New Jersey
No Drawing. Application December 16, 1937, Serial No. 180,135
3 Claims. (Cl. 204—12)

1. In the manufacture of a corrosion-resistant gold covered article, the steps of forming the article from a chromium alloy steel, removing the

oxide film which normally forms and is present on the surface of the metal of which the article is formed by subjecting the article to a hydrochloric acid electro-pickle, and electro-depositing from aqueous solution a thin gold coating on said surface, the initially deposited metal of said coating being directly bonded to the base metal prior to appreciable reformation of the oxide film thereon and continuation of the deposit of said coating being effected from an aqueous alkaline cyanide gold plating solution.

2,133,996

ART OF GOLD PLATING

Joseph E. Underwood, Camden, N. J., assignor to C. Howard Hunt Pen Company, Camden, N. J., a corporation of New Jersey

No Drawing. Application May 2, 1936, Serial No. 77,613

2 Claims. (Cl. 204—12)

1. A method for gold plating a chromium alloy steel article which method includes treating the surface of the metal by immersing the article in a bath essentially consisting of an aqueous solution of hydrochloric acid, passing an electric current between the article and the bath to dissolve the oxide film normally present on the surface of a chromium alloy steel, and thereafter electrodepositing a layer of gold on the surface of the article treated as above from an aqueous alkaline cyanide plating bath containing a gold salt in quantity sufficient to provide at least .35 grams of metallic gold per liter, the plating being initiated substantially simultaneously with immersion of the article into the plating bath so as to secure bonding of the gold to the article prior to appreciable reformation of the oxide film thereon.

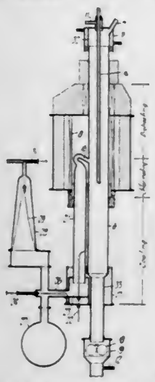
2,133,997

METHOD OF CONTACTING FINE ORES WITH GASES

Charles G. Maier, Oakland, Calif., assignor to Great Western Electro-Chemical Company, a corporation of California

Application June 15, 1937, Serial No. 148,321

9 Claims. (Cl. 75—112)



1. A method of recovering the chromium value in a chromite ore comprising reducing said ore in size to pass a 100 mesh screen, mixing the finely divided ore with carbon and with carrier particles for the ore-carbon mixture, the ore-carbon mixture volume relative to the surface of the carrier particles being such that the mixture is present substantially only as a surface coating on said carrier particles, and subjecting the surface coated carrier particles to a temperature of about 900° C. and to chlorine to chloridize the metal content thereof.

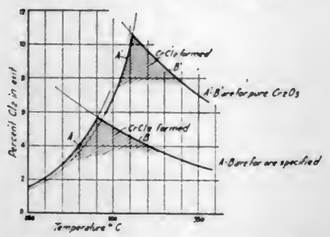
2,133,998

PROCESS FOR TREATING CHROMITE ORES

Charles G. Maier, Oakland, Calif., assignor to Great Western Electro-Chemical Company, a corporation of California

Application June 15, 1937, Serial No. 148,322

16 Claims. (Cl. 75—112)



1. A method of continuously chlorinating chromite ores which consists in maintaining an excess of chlorine sufficient to ensure and to effect substantially complete chloridization of chloridizable constituents in said ore and to promote substantial increase of volatility of chromium chlorides by conversion of lower chlorides to chromium tetrachloride, and maintaining a residue of free chlorine sufficient to prevent the dissociation of said chlorides to the chromous condition while maintaining a temperature at which chromium chlorides sublime freely to effect substantially complete removal of chrome from said chromite ore as the trichloride.

2,133,999

ARYL-METHYL ETHERS OF β-METHYLCHOLINE SALTS AND PROCESSES FOR THEIR PRODUCTION

Randolph T. Major, Plainfield, N. J., assignor to Merck & Co. Inc., Rahway, N. J., a corporation of New Jersey

No Drawing. Application March 1, 1937, Serial No. 128,490

8 Claims. (Cl. 260—584)

1. Methyl ethers of β-methylcholine salts of acids whose silver salts are more soluble than silver iodide, in which a radical of the benzene series is substituted in the methyl group.

2,134,000

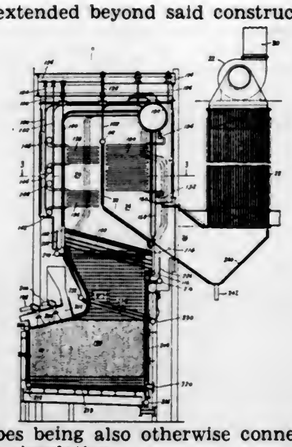
WALL CONSTRUCTION

Dana H. N. Mayo, Ridgewood, N. J., assignor to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey

Application November 28, 1934, Serial No. 755,078

3 Claims. (Cl. 122—235)

1. In a water tube steam boiler, a horizontally inclined bank of steam generating tubes, uptake and downtake header constructions at opposite ends of the tubes, a wall above said bank subjected to furnace gases at both sides, wall tubes cooling said wall and connected to the downtake header construction, a cross header forming a mud drum extending transversely below the downtake header construction and extended beyond the sides of said construction, means establishing direct communication between the cross header and the downtake header construction, and tubes extending along the edges of said wall and connected to the ends of the cross headers extended beyond said construction, said



latter tubes being also otherwise connected into the boiler circulation.

2,134,001

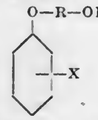
MOTHPROOFING AGENT

Lindley E. Mills and William W. Allen, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

No Drawing. Application October 16, 1937, Serial No. 169,470

6 Claims. (Cl. 21—5)

1. A process for mothproofing woolen fabrics and other materials subject to attack by moths which comprises treating such material with an aryloxy alkylol compound having the formula



wherein R represents an alkyl residue and X represents a hydrocarbon substituent containing at least 4 carbon atoms and selected from the group consisting of the alkyl and cycloalkyl radicals.

2,134,002

IDENTIFICATION TAG

Harry L. Moat, Wilmington, Del., assignor to Atlas Powder Company, Wilmington, Del., a corporation of Delaware

Application September 10, 1937, Serial No. 163,308

2 Claims. (Cl. 40—20)



1. In a means for identifying detonator assemblies, the combination with a package comprising a tubular container, a detonator assembly packaged therein comprising a detonator and a group of wire loops constituted by the leg wires of the detonator, the wire of said loops being of such a degree of stiffness as to retain the form into which a loop may be bent, an identification tag composed of a relatively light weight web and a reinforcing strip attached to said web, there being a hole formed through both web and strip adjacent one end of the tag and there being an outwardly and downwardly inclined slit formed through both web and strip and leading from said hole to the adjacent edge of the strip, the bight portion of the bend of one of the leg wire loops being engaged in the hole formed through the web and strip, by passage through said slit, and the wire of said loop being bent transversely of the tag to overlie the end of the reinforcing strip, whereby endwise movement of the tag with respect to the wire is resisted in both directions by the engagement of the wire in the hole of the tag and is additionally resisted by the portion of the loop which extends over the end of the said tag, said reinforcing strip extending to that end of the tag over which the wire loop extends.

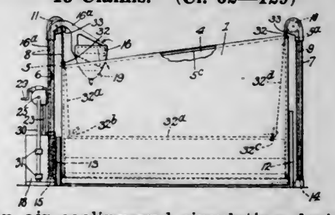
2,134,003

AIR COOLING AND CIRCULATING DEVICE AND PROCESS

Willard L. Morrison, Lake Forest, Ill.

Application April 18, 1935, Serial No. 17,143

13 Claims. (Cl. 62—129)



1. An air cooling and circulating device comprising a compartment open at the top, a cooling element at the top of said compartment which cools air and causes it to drop into the lower part of the compartment by gravity, and means for changing the relative position of the top of said compartment and said cooling element to regulate the temperature in said compartment.

12. The process of regulating the temperature in an open top compartment, which consists in cooling the air in the compartment and varying the cubical contents of said compartment to regulate the temperature in the compartment.

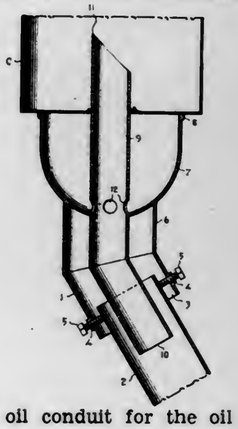
2,134,004

OIL CONDUIT

Thomas C. Pittman, Stuart, Fla.

Application May 1, 1935, Serial No. 19,299

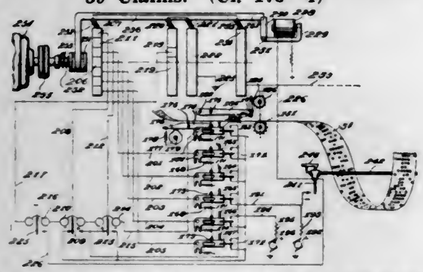
4 Claims. (Cl. 184—105)



1. In an oil conduit for the oil intake pipe

of an internal combustion engine, the combination of a pipe having its upper end provided with a rupturing blade; and tubular means on said pipe and provided with means adapted to attach the pipe to the oil intake pipe, said tubular means being spaced from the intake pipe to afford an air ingress for said pipe.

2,134,005
SELECTIVE CONTROL SYSTEM AND APPARATUS
Louis M. Potts, Evanston, Ill., assignor to Teletype Corporation, Chicago, Ill., a corporation of Delaware
Application September 19, 1929, Serial No. 393,761
89 Claims. (Cl. 178—4)



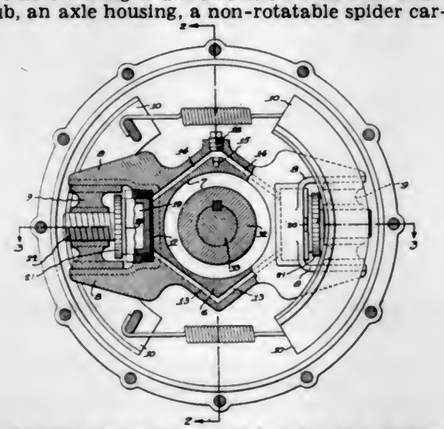
1. In a telegraph system, a sending distributor having a plurality of impulse transmitting elements, a corresponding plurality of primary control elements, a transmitter having a number of secondary control elements fewer than the number of said impulse transmitting elements, and means including said transmitter to invariably and singly associate each impulse transmitting element with a definite primary control element.

2,134,006
ADHESIVE
Harry C. Roller, Glendale, Calif.
No Drawing. Application August 27, 1935, Serial No. 38,104
2 Claims. (Cl. 134—23.3)

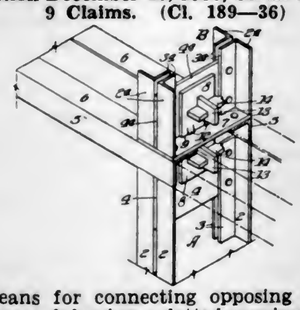
2. An adhesive consisting of 100 parts of an alkyd resin in solution in an organic solvent, 3 to 8 parts of a plasticizer of the class comprising beta naphthol, dibutyl phosphate, tri-cresyl phosphate and tri-phenyl phosphate, 3 to 8 parts of an oxidized drying or semi-drying oil, 1 to 2 parts of a crude caoutchouc in solution and 1 to 2 parts of cyclohexane.

2,134,007
REAR AXLE WHEEL AND BRAKE ASSEMBLY
Claude Sauzedde, Detroit, Mich., assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich., a corporation of Michigan
Application April 29, 1936, Serial No. 76,938
13 Claims. (Cl. 188—152)

1. In braking systems of the hydrostatic type, wherein a plurality of braking units are symmetrically disposed relative to the axis of rotation of the wheel to be braked, wherein the wheel hub zone is formed with a pair of spaced annular braking surfaces oppositely inclined relative to a plane extending perpendicularly through such axis of rotation with the wheel hub zone arranged with walls oppositely disposed with respect to such plane to form an enclosure for the braking units, and wherein each braking unit includes a shoe formation providing a pair of faces adapted to concurrently co-operate with the braking surfaces when the shoes are moved outwardly radially of the axis of rotation by fluid pressure rendered active concurrently on the several units from a remote source, the combination with such assembly, of a supporting assemblage for the assembly elements, said assemblage including a live axle having a drive relation with said wheel hub, an axle housing, a non-rotatable spider carried by the axle housing and serving as a support for the braking units, said spider being positioned annular with respect to the axle and crossing said perpendicular plane, said hub zone having its inner wall supported by and rotatable on the spider, said spider having an axial opening for the free passage of the axle with the dimensions of the opening sufficient to permit extension of a hub zone wall thereinto external of the axle and with the extension crossing such perpendicular plane.



2,134,008
FASTENING MECHANISM
Henry J. Sharp, Pittsburgh, Pa., assignor of fifty-one one-hundredths to William W. Martin, Pittsburgh, Pa.
Application December 16, 1936, Serial No. 116,167
9 Claims. (Cl. 189—36)



1. Means for connecting opposing flat faced members each having a slotted opening consisting of a tensioning tongue having slotted openings registering with said openings, a wedge extending through each pair of registering openings, and means arresting movement of the tensioning tongue.

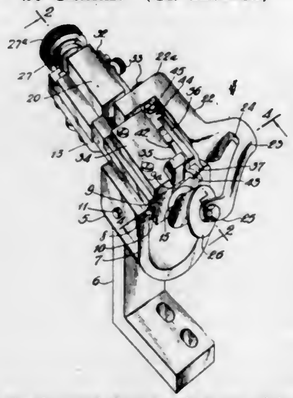
2,134,009
LOW TEMPERATURE INSULATION
Games Slayter, Newark, Ohio, assignor to Owens-Illinois Glass Company, a corporation of Ohio
Application September 25, 1935, Serial No. 42,014
15 Claims. (Cl. 154—44)

1. A low temperature insulating material comprising a low density base of solid material having a reflective surface, said material being in open formation and presenting a large surface



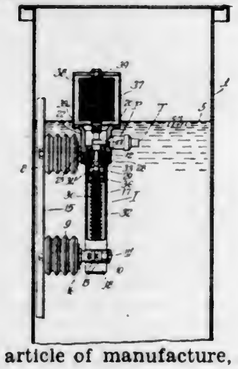
area dispersed throughout the body of said material, and a finely divided powdered substance which is highly absorbent of radiant energy, forming a coating for said surface.

2,134,010
ATTACHMENT FOR SEWING MACHINES
Alexander Soltan, Elmhurst, N. Y., assignor to Percy W. Valentine, Brooklyn, N. Y.
Application April 28, 1937, Serial No. 139,486
20 Claims. (Cl. 112—62)



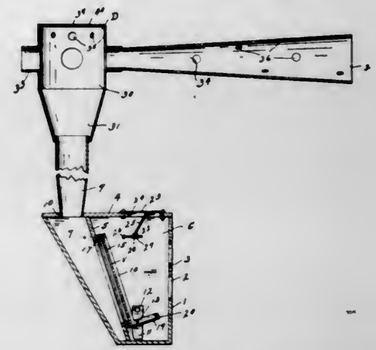
1. An attachment for sewing machines of the class described, for supporting the sole and upper in the operation of stitching the same together, said attachment comprising a rotatable spreader adapted to engage and support the welt lip of the sole, and means involving a swinging arm having a work-piece engaging part adjustable toward and from said spreader for supporting the sole and the upper in position in the operation of stitching the same together.

2,134,011
THERMAL CUT-OUT
Hugh A. Triplett, Wilmette, and Sigurd I. Lindell, Chicago, Ill., assignors to Schweitzer & Conrad, Inc., Chicago, Ill., a corporation of Delaware
Application April 25, 1934, Serial No. 722,280
41 Claims. (Cl. 200—142)



2. As an article of manufacture, a completely enclosed switch unit, said unit comprising a main tubular housing, a pair of arcing terminals therein, one of the terminals being movable, a spring for moving said terminal longitudinally of the housing, a holding member having transversely movable release means extending laterally through a wall of said housing, and a supplemental housing joining the main housing and providing a fluid-tight closure for said release means.

2,134,012
VALVE FOR STOKER AIR CONTROL
James E. Trowbridge, Salt Lake City, Utah
Application April 3, 1934, Serial No. 718,781
1 Claim. (Cl. 251—126)

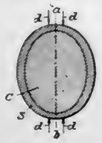


In a device of the class described, the combination of a casing formed to fit over the opening of a stoker fan; a sloping partition in said casing having an opening therethrough of greater area than the opening to the stoker fan, said partition dividing the casing into two compartments, one leading into the stoker fan, and the other leading to the atmosphere; brackets pivotally secured to the side walls of the compartment leading into the stoker fan; a pivot shaft carried between said brackets and supported adjustably therein; a flap valve pivotally mounted on said shaft adjacent the lower edge of the valve to control the opening of the partition and counter balanced by a right angled portion on the bottom end thereof; and means to control the amount of opening of the flap valve from the partition opening.

2,134,013
PROCESSES OF PHOSPHATE CONVERSION
John W. Turrentine, Washington, D. C.
No Drawing. Application February 9, 1935, Serial No. 5,881
5 Claims. (Cl. 71—39)

1. A method of making stable phosphatic fertilizers which comprises treating phosphate rock with a volatile inorganic acid of the group consisting of hydrochloric acid, nitric acid and oxides of nitrogen in amount sufficient to yield a water-soluble product, in the presence of water in such proportion as to produce a product predominantly in solid form, and thereafter heating the reaction product to drive off a portion of the reacted acid and to produce a calcium phosphate product having a ratio of calcium, other than calcium stoichiometrically equivalent to the volatile acid radical, to phosphorus substantially equivalent to dicalcium phosphate.

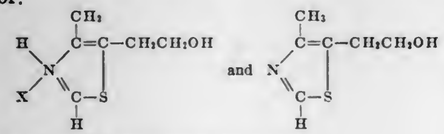
2,134,014
METHOD AND APPARATUS FOR ROLLING BIMETALLIC ARTICLES
Frederick A. Whitehead, Glassport, Pa., assignor to Copperweld Steel Company, Glassport, Pa., a corporation of Pennsylvania
Application May 25, 1935, Serial No. 23,430
7 Claims. (Cl. 80—35)



1. In the method of rolling bimetallic stock having a steel core surrounded by a sheath of more plastic metal, the steps consisting in rolling the stock in successive oval passes to reduce the cross section of the core and changing the orientation of the stock relative to the pass between successive rollings while maintaining the core generally oval in cross section, thereby successively increasing and decreasing the long axis of the oval, and then changing the long axis of the oval to the short axis thereof by successive rollings without substantial turning therebetween.

2,134,015
THIAZOLE COMPOUNDS
Robert R. Williams, Roselle, N. J., assignor to Research Corporation, New York, N. Y., a corporation of New York
No Drawing. Application December 23, 1936, Serial No. 117,418
3 Claims. (Cl. 260—302)

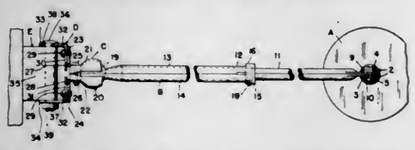
1. Thiazole compounds of the group consisting of:



and

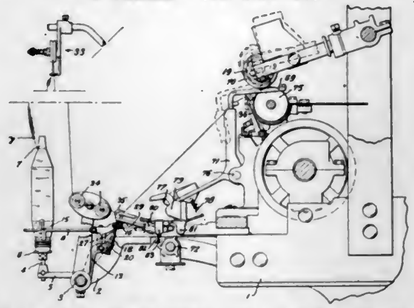
in which X represents an anion.

2,134,016
REAR VIEW MIRROR SUPPORTING MEANS
Fred W. Zink, Detroit, Mich., assignor to Whitehead Stamping Company, Detroit, Mich., a corporation of Michigan
Original application December 14, 1936, Serial No. 115,855. Divided and this application May 3, 1937, Serial No. 140,487
5 Claims. (Cl. 248—276)



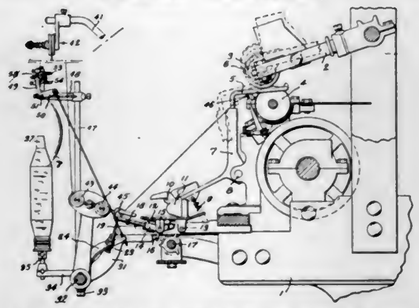
5. Mirror supporting means comprising two cooperating mounting members having substantially horizontal portions apertured to receive a hinge pintle and having spaced substantially vertical portions, and a mirror supporting bracket spanning the space between and having a bolt and slot connection with the spaced vertical portions of said members.

2,134,017
EXHAUST DETECTOR FOR STOP MOTION MECHANISM IN WINDING MACHINES
Eugene R. Alderman, South Hadley, Mass., assignor to Foster Machine Company, Westfield, Mass., a corporation of Massachusetts
Application March 19, 1937, Serial No. 131,804
5 Claims. (Cl. 242—37)



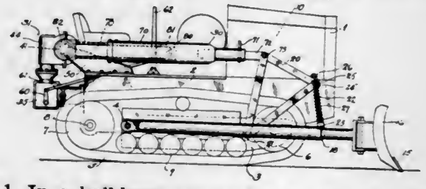
1. In a winding machine in combination, a winding spindle, a supply bobbin and a support therefor, an initial guide device for yarn located vertically at a sufficient distance above said supply bobbin to permit the yarn running off said supply bobbin being stopped within said distance, whereby the end of a new bobbin supply may be tied to the end of the exhausted bobbin supply in the space between said bobbin support and said initial guide device, a stop motion mechanism comprising means to stop said winding spindle, a feeler constantly pressing against the diminishing body of yarn on said bobbin, means operated by said feeler to actuate said stop motion mechanism when the yarn on said bobbin is at or near the point of exhaustion.

2,134,018
DETECTOR FOR STOP MOTION MECHANISM IN WINDING MACHINES
Eugene R. Alderman, South Hadley, Mass., assignor to Foster Machine Company, Westfield, Mass., a corporation of Massachusetts
Application March 25, 1937, Serial No. 133,050
2 Claims. (Cl. 242—37)



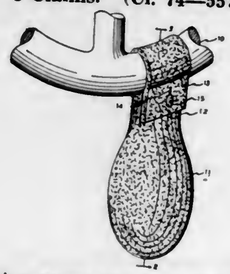
1. In a winding machine in combination, a winding spindle, a supply bobbin and a support therefor, an initial guide device for yarn located vertically at a sufficient distance above said supply bobbin to permit the yarn running off said supply bobbin being stopped within said distance, whereby the end of a new bobbin supply may be tied to the end of the exhausted bobbin supply in the space between said bobbin support and said initial yarn guide device, and detecting mechanism located above the bobbin on said support, comprising a pair of fixed fingers spaced slightly apart, and a movably mounted finger located between said fixed fingers, said fingers being adapted to receive the running yarn in bearing relation therebetween, viz, over the fixed fingers and under the movable finger, means causing the movable finger to press against the yarn bridging the fixed fingers and to move relatively to said fixed fingers when the yarn is absent or sufficiently slack in tension, a stop motion mechanism comprising means to stop said winding spindle including a tripping member and a latch to hold said tripping member against release, an electromagnetic device for moving said latch in release of said tripping member, an electric circuit and switch for said electric magnetic device, and means operable by said movable finger to actuate said switch.

2,134,019
BULLDOZER
George S. Allin, Seattle, Wash., and Theodore Patrick Flynn, Portland, Oreg.
Application June 15, 1936, Serial No. 85,218
4 Claims. (Cl. 37—144)



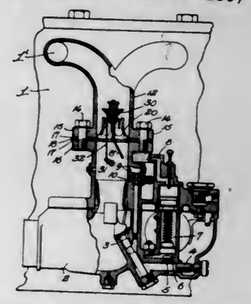
1. In a bulldozer comprising a tractor, thrust beams at opposite sides of the tractor with rear ends pivotally fixed thereto and a blade supported by the forward ends of said beams, rocker frames pivotally mounted on the tractor, and having operative connection with the thrust beams for raising and lowering the blade, a cross shaft mounted on the tractor, means for selectively rotating the cross shaft in opposite directions telescopic beams with ends connected to the rocker frames and other ends mounted on the cross shaft, and means operated by the cross shaft when rotated in opposite directions for extending or contracting the telescopic shafts to functionally actuate said rocker frames.

2,134,020
STEERING WHEEL ATTACHMENT
Isaac A. Anson, Tulsa, Okla.
Application September 30, 1937, Serial No. 166,465
8 Claims. (Cl. 74—557)



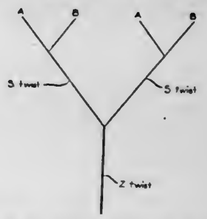
1. A steering wheel attachment of the class described comprising a hand grip adapted to be attached to a steering wheel in depending position, a wheel connection means for operative attachment of said hand grip to said wheel and a pliable member operatively uniting said hand grip to said wheel connection means, said pliable member being sufficiently rigid to transmit positive operating movements to said wheel by leverage action thereon of said hand grip.

2,134,021
HYDROCARBON VAPOR AND AIR MIXING DEVICE
Llewellyn T. Barnes, Hempstead, N. Y.
Application March 25, 1935, Serial No. 12,920
8 Claims. (Cl. 48—180)



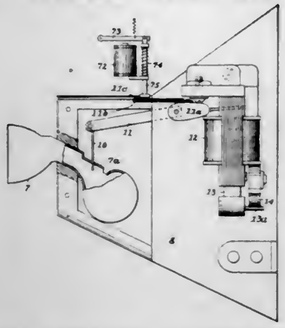
2. In a mixing device of the character described having a pipe line leading from a source of vapor supply to the intake of an internal combustion engine, the combination of a Venturi tube member located in the pipe line, said Venturi tube having a conical mouth portion, a rounded throat portion, and a substantial cylindrical discharge portion; a conical valve member having its tip end located within the discharge portion of the Venturi tube and its sides adjacent its base engaged with the end of the discharge portion of the Venturi tube when said valve is in its closed position, and guide means to confine the movement of said valve in a direction axially of said Venturi tube in its opening and closing movements, one of said members being provided with vortex disturbing slots extending in the general longitudinal direction of the axis of the Venturi tube.

2,134,022
PRODUCTION OF COMPOSITE YARNS
Angus Smith Bell, Spondon, near Derby, England, assignor to Celanese Corporation of America, a corporation of Delaware
Application October 23, 1937, Serial No. 170,605
In Great Britain November 26, 1936
14 Claims. (Cl. 117—21)



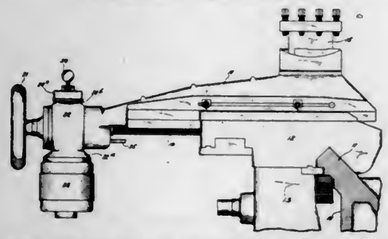
1. A composite yarn formed by doubling together a crimped yarn and an uncrimped yarn in one direction and doubling the resulting doubled yarn with a similar doubled yarn by means of a doubling twist in the opposite direction.

2,134,023
TRAFFIC SIGNAL SYSTEM
August C. Boettger, Carlstadt, N. J.
Application January 16, 1936, Serial No. 59,398
8 Claims. (Cl. 177—339)



8. Signal mechanism comprising a whistle, a fluid-flow controller movable to either of two positions in one of which it is in and in the other of which it is out of the path of actuating fluid for the whistle, an electro-magnetic actuator, means, including an armature for the actuator, to hold the controller in one of said positions when the armature is at one of its limits determined by the energized or de-energized state of the actuator, said controller being yieldingly urged to the other position when said means moves to a position in which the armature is at its other limit, a second electro-magnetic actuator having its armature, when the second actuator is energized, adapted to move said controller to the first position, circuit-forming means having a portion formed with a break therein and including the first-actuator and a normally open portion including the second actuator, a circuit-closer for the break normally urged to move to closed position, geared means holding said circuit-closer in open position and movable therefrom and normally urged to move back, a normally open circuit-closer for the second circuit-portion, and an interrupter to be clutched and moved by said gearing means when the latter moves back and having a series of humps to move the circuit-closer repeatedly to closed position.

2,134,024
OPERATING MECHANISM FOR MACHINE TOOLS
Fred H. Bogart, South Euclid, Ohio, assignor to The Warner & Swasey Company, Cleveland, Ohio, a corporation of Ohio
Application March 25, 1936, Serial No. 70,825
17 Claims. (Cl. 82—21)



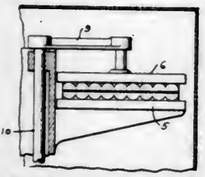
1. In a machine tool having a part movable in opposite directions, mechanism for moving said part at a relatively slow rate of movement, and means carried by said part for moving the same at a relatively fast rate of movement, an unbroken drive train between said means and said mechanism, and means for rendering said first named means active or inactive.

2,134,025
SOUNDING APPARATUS
Homer L. Bredouw, Kansas City, Mo.
Application May 2, 1936, Serial No. 77,649
9 Claims. (Cl. 33—126.6)



8. In a sounding apparatus, a support, a contact device, means on the support for raising and lowering the contact device relative to the support, and means on the support engaged with and actuated by said raising and lowering means adapted to control raising of the contact device and limit the upward movement of same to a plurality of predetermined stages.

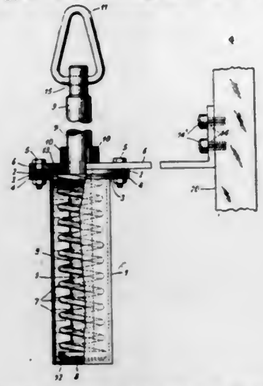
2,134,026
METHOD OF MAKING BREAD STICKS
William H. Brooks, Fairfax, Calif.
Application May 23, 1936, Serial No. 81,422
2 Claims. (Cl. 99—90)



1. A method of forming sticks from sliced bread which consists in placing a plurality of slices, one on top of the other, with the entire surfaces of the opposed faces of the slices contacting, placing the slices between grooved heated plates, applying sufficent pressure to the slices to cause the edges and the entire area of contact of the slices to weld together and to be pressed into and conform to the shape of the grooves of the plates by a pressure which will not destroy the porous structure of the bread, leaving the compressed slices between the plates until toasted, and then separating the plates and removing the toasted slices.

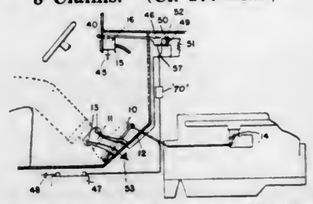
2,134,027
ANTENNA TENSIONING DEVICE
Herbert Brühe, Berlin, Germany, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a corporation of Germany
Application February 24, 1936, Serial No. 65,533
In Germany March 22, 1935
2 Claims. (Cl. 267—71)

1. Means for yieldingly supporting an antenna comprising in combination, a tubular casing closed at one end and open at the other, a member for rigidly supporting said casing, a cover plate having an aperture therein, securing means for attaching said cover plate to the open end of said casing, a rod passing through said aperture,



a coil spring within the casing having one end connected to the inner end of said rod and the other end abutting the cover plate, a body of lubricant within said casing around said rod and spring, and means for connecting the outer end of said rod to the antenna.

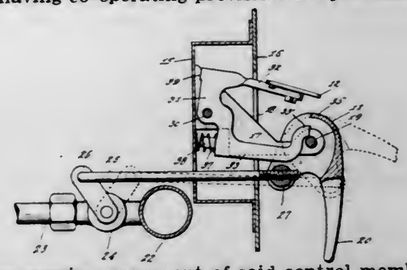
2,134,028
ELECTRIC SHOCK SPEED WARNING
Stuart H. Caldwell, Detroit, Mich., assignor to Kelch Heater Company, Detroit, Mich., a corporation of Michigan
Application October 5, 1936, Serial No. 104,108
8 Claims. (Cl. 177—329)



1. In a motor vehicle, means effective when a condition of the vehicle exceeds a predetermined value to pass a relatively low amperage current through a part of the anatomy of the operator of sufficient intensity to indicate that the predetermined value is being exceeded, and means for increasing the amperage as the value of the condition is increased above the pre-determined value.

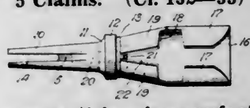
2,134,029
GAS RANGE
John E. Chambers, Shelbyville, Ind.
Application June 22, 1936, Serial No. 86,477
4 Claims. (Cl. 126—42)

1. In a gas range having a front wall, a manifold disposed in rear of said wall and parallel thereto, burner-supply pipes leading rearwardly from said manifold at spaced intervals, a valve in each of said pipes, a plurality of valve-controlling members disposed in front of said wall and mounted for swinging movement about a common axis parallel to said manifold, operative connections between said members and the respective valves, a movable element associated with each of said control members, each of said movable elements being supported for pivotal movement about an axis in rear of said wall and including a portion extending forwardly through said wall, and means biasing said element toward a normal position, said element and control member having co-operating provisions for preventing



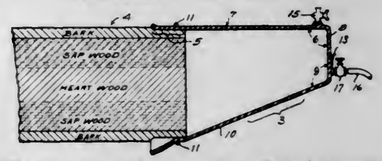
valve-opening movement of said control member when said element is in normal position and for maintaining said element displaced from its normal position whenever the control member is out of the position it occupies when the valve is closed.

2,134,030
RINGLET-FORMING IMPLEMENT FOR HAIR WAVISTS
Charles Chomette, Los Angeles, Calif.
Application October 30, 1936, Serial No. 108,497
5 Claims. (Cl. 132—33)



1. As a new article of manufacture a body adapted to be fitted upon a finger of the human hand so as to be supported forwardly thereof, and means carried by said body forming an element upon and around which hair may be wound into ringlets by the other hand.

2,134,031
PROCESS FOR PRESERVING FELLED GREEN TIMBER CONTAINING ITS NATURAL SAP
Myron M. Clapshaw, Portland, Oreg., assignor to Mineralized-Cell Wood Preserving Company, a corporation of Delaware
Application July 24, 1935, Serial No. 32,914
28 Claims. (Cl. 21—26)



1. The process of preserving felled green timber having its natural sap comprising impregnating the timber with a toxic and substantially wood non-injuring aqueous solution applied under pressure over the cross section of the timber sufficient to force the said solution through the sap wood portion of the timber longitudinally of the cell structure but insufficient to wash out the sap, i. e., of a sufficiently low pressure to permit substantial retention of sap to permit reaction of the sap and the solution, the solution comprising a water soluble oxide of arsenic; and a water soluble ferro metallic salt.

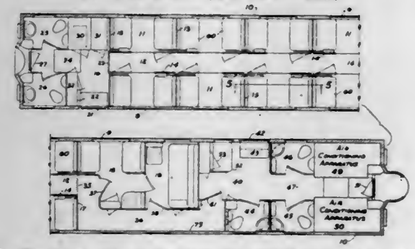
8. The process of preserving felled green timber having its natural sap comprising impregnat-

ing the timber with a toxic and substantially wood non-injuring aqueous solution applied under pressure over the cross section of the timber sufficient to force the said solution through the sap wood portion of the timber longitudinally of the cell structure, the solution comprising a water soluble oxide of arsenic, copper sulphate, zinc sulphate and iron sulphate.

2,134,032
RAILWAY CAR

David A. Crawford, Golf, Alexander E. McKinnon, Homewood, and Carl H. Apel, Chicago, Ill., assignors to The Pullman Company, Chicago, Ill., a corporation of Illinois

Application August 17, 1936, Serial No. 96,480
20 Claims. (Cl. 105—315)

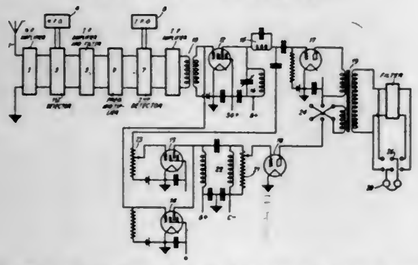


1. In a car having berth sections upon opposite sides of a central longitudinal aisle, partitions spaced apart laterally of the car and disposed longitudinally thereof to define said aisle, partitions disposed transversely of the car separating said berth sections and connecting the aisle partitions to the respective car sides, and means carried by said aisle partitions for converting said berth sections into compartments comprising hinged and sliding portions respectively, said sliding portion providing an entrance to one compartment, a vertically slidable portion providing entrance to another compartment, and means on said hinged portion affording access to said last named entrance.

2,134,033
RECEIVER

Murray G. Crosby, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Application June 5, 1935, Serial No. 25,026
Renewed December 21, 1937
13 Claims. (Cl. 250—20)

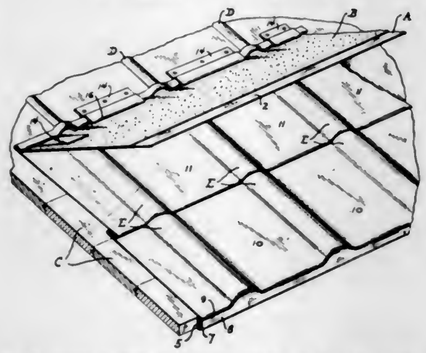


1. In a signal modulated wave energy demodulating means, a thermionic tube having a plurality of grid-like electrodes and a cathode, a source of oscillatory energy coupled to one of said grid-like electrodes, a circuit coupling another of said grid-like electrodes to a source of signal modulated wave energy, and means for biasing the grid-like electrodes in said tube negative relative to the potential of the cathode of said tube an amount such that the said tube operates to beat a harmonic of the wave energy with energy from said source of oscillatory energy.

2,134,034
ROOF STRUCTURE AND MATERIAL

Hans H. Doe, Milwaukee, Wis.

Application April 7, 1937, Serial No. 135,432
4 Claims. (Cl. 108—13)



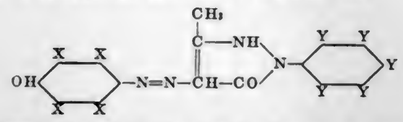
3. A roof covering composed of a plurality of metal strips extending longitudinally of the roof, seams joining and interlocking the adjacent edges of the strips, flexible cleats interlocked with the seams and nailed to the roof to secure the strips to the roof, and parallel spaced rows of laths extending from the ridge to the eaves of the roof and at right angles to the strips and disposed under the strips, said laths being laid in shingle fashion to form continuous spaced waves in the strips extending from the ridge to the eaves and also having spaced step portions in each wave.

2,134,035
PYRAZOLONE AZO DYESTUFFS

George Holland Ellis, Spondon, near Derby, England, assignor to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application January 6, 1936, Serial No. 57,767. In Great Britain January 9, 1930
4 Claims. (Cl. 260—162)

4. A pyrazolone azo dye of the formula



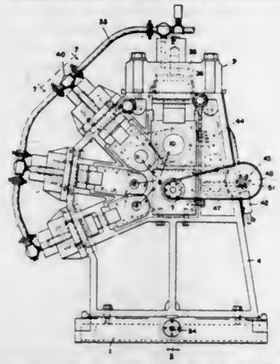
wherein one X represents hydrogen or methyl and the others represent hydrogen, and one Y represents hydrogen, methyl or methoxy and the others represent hydrogen.

2,134,036
COILING MACHINE

Emmett S. Ellis, Detroit, Mich., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich., a corporation of Delaware

Application July 22, 1936, Serial No. 91,934
16 Claims. (Cl. 153—56)

1. In a coiling machine, the combination with a master roll, of rolls angularly spaced with respect to said master roll and adapted to cooperate therewith, said last mentioned rolls being radially movable toward and away from the axis of said master roll, and means independent of the stock being coiled for exerting pressure upon said last mentioned rolls independently of each

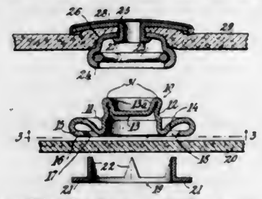


other in directions toward the axis of said master roll.

2,134,037
FASTENER

Paul E. Fenton, Thomaston, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut

Application May 12, 1937, Serial No. 142,125
5 Claims. (Cl. 24—219)



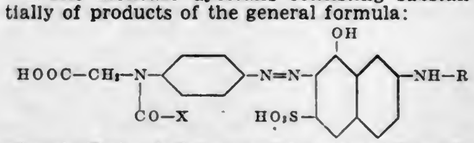
1. A separable fastener stud member comprising a cylindrical stud post having an inwardly directed peripheral bead for cooperation with a complemental socket member, an integral cup shaped head with an imperforate disc-like wall lying in the plane of and with its periphery closely adjoining the socket-engaging bead to provide radial support for the latter; a breast portion flaring radially outward from the rear end of the post so as to define a relatively wide annular trough surrounding its base portion and forwardly so that its front surface lies in a plane substantially coinciding with the plane defining said bead in the post; and a retaining ring extending rearwardly and inwardly from the outer margin of the breast with its free inner edge spaced from the rear surface of the breast.

2,134,038
MONOAZO DYESTUFFS

Richard Fleischhauer, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application October 16, 1936, Serial No. 105,931. In Germany October 22, 1935
3 Claims. (Cl. 260—92)

1. The monoazo dyestuffs consisting substantially of products of the general formula:

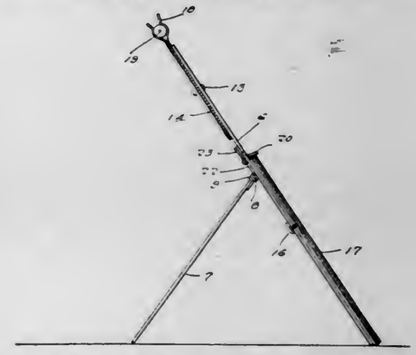


wherein X stands for a member selected from the group consisting of hydrogen, alkyl, alkoxy, cyclohexyl and phenyl and R stands for a monocyclic radicle of the benzene series, which dyestuffs are easily soluble in water and yield on animal fibers brown shades of good fastness properties.

2,134,039
BRIDGE SCORE AND CONTRACT INDICATOR

Benjamin Hugh Gibbs, Phoenix, Ariz.

Application June 10, 1937, Serial No. 147,553
2 Claims. (Cl. 40—67)

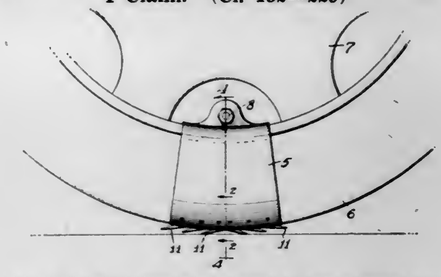


1. In a bridge score and contract indicator, a base plate provided with a slot elongated transversely thereof, L-shaped indicia bearing plates hingedly mounted on said base plate at the rear side of the latter and adjacent the lower edge of said slot whereby upon swinging movement of a plate a selected flange thereof is positioned to view across said slot.

2,134,040
ANTISKID DEVICE

John Gravina, Bound Brook, N. J.

Application October 2, 1936, Serial No. 103,778
1 Claim. (Cl. 152—229)



An anti-skid device adapted to be secured to an automobile wheel and comprising a collar having pointed teeth secured thereto and extending downwardly and forwardly to meet the road surface at a small angle thereto, said teeth lying at one side of a radial plane through the middle of the collar, and other teeth equally and oppositely inclined at the other side of said plane.

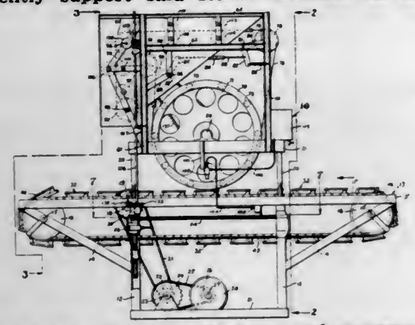
2,134,041
FRUIT MARKING APPARATUS

Herbert A. Hamm, Pasadena, Calif.

Application September 12, 1936, Serial No. 100,474
17 Claims. (Cl. 101—122)

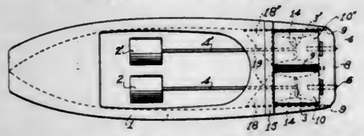
1. In a fruit branding machine, a frame, a horizontal conveyor on the frame, a plurality of

fruit holding members resiliently mounted on said conveyor, a drum adjacent said conveyor, an endless flexible stencil member, means to resiliently support said stencil member on said



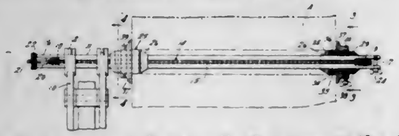
drum, means to move said drum and conveyor so that the marking areas of the stencil member are aligned during movement each with a fruit holding member, a stenciling station and a spraying device at the stenciling station.

2,134,042
BOAT
George M. Hoffman, Upper Montclair, N. J.; Ruth T. Hoffman administratrix of said George M. Hoffman, deceased
Application September 26, 1935, Serial No. 42,255
11 Claims. (Cl. 115—39)



1. A boat having a propeller that is located partially above the water line and means forming a tilting tunnel over said propeller having edges extending below the water line, said means narrowing from its ends towards its middle portion and having its narrowest portion near its center.

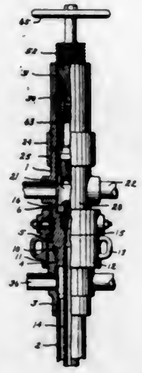
2,134,043
PAPER ROLL SUPPORT
William Hoppe and Franklin B. Roberts, Springfield, Mass., assignors to National Bread Wrapping Machine Co., Springfield, Mass., a corporation of Massachusetts
Application March 3, 1938, Serial No. 193,729
9 Claims. (Cl. 242—68)



9. In a support for a roll of paper or the like, a pair of roll supporting members and a reverse drive connecting said members together for simultaneous movement toward and from each other in driving-driven relation.

2,134,044
TUBING HEAD
Granville A. Humason, Houston, Tex.
Application June 22, 1937, Serial No. 149,587
6 Claims. (Cl. 166—15)

1. A flow control unit for wells comprising a tubular bowl connected to the end of a pipe in a well bore, said bowl having an inner tapered seat therein, a tubing hanger on said seat, a tubing string supported by said hanger, a peripheral groove in said hanger above said tubular bowl, a hold-down ring threadably connected to the



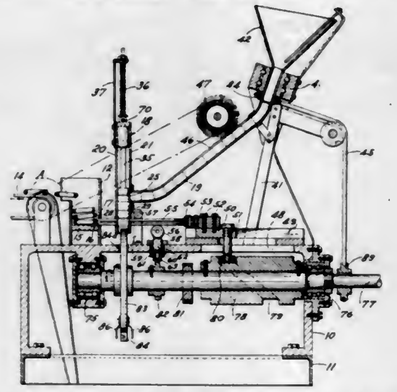
tubular bowl, and radially movable latch means in said hold-down ring above the bowl for releasable engagement with said peripheral groove whereby the ring and hanger may be interengaged and the bowl and hanger brought into seating engagement.

2,134,045
WELL FLOWING DEVICE
Granville A. Humason, Houston, Tex.
Application July 16, 1937, Serial No. 153,979
8 Claims. (Cl. 103—10)



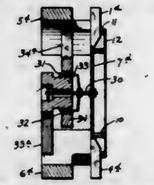
1. In a device of the class described the combination of a flow tubing, a working barrel connected to said flow tubing, said working barrel having an internally threaded portion intermediate its ends, a body connected to said working barrel and having openings communicating with the interior of the barrel, a valve seat in said body, a plunger assembly in the barrel, said plunger assembly having an axial bore therein and means for engaging the threaded portion of the barrel, a valve member on the plunger assembly for engagement with said valve seat, and an operating string connected to said plunger assembly and extending upwardly within said flow tubing.

2,134,046
PACKAGING MACHINE
Peter Jost, Akron, Ohio, assignor, by mesne assignments, of thirty-seven and one-half per cent to James Tyrrell as trustee and twenty-five percent to Perry H. Stevens, both of Akron, Ohio
Application December 23, 1937, Serial No. 181,354
8 Claims. (Cl. 226—2)



1. An article packaging device comprising a receptacle for receiving disk-shaped collapsible articles to be packaged, a magazine for positioning an open-ended tubular wrapper for said articles, and reciprocating means mounted to move through said wrapper and move one of said articles from said receptacle into and deposit it in said wrapper.

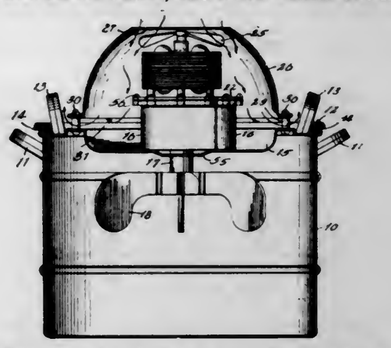
2,134,047
METHOD AND APPARATUS FOR SOUND TRANSMISSION AND REPRODUCTION
John Kalsey, North Palo Alto, Calif.
Application September 29, 1936, Serial No. 103,106
15 Claims. (Cl. 179—180)



1. A method of magnetically counteracting inertia forces and natural frequency vibrations in sound translating diaphragms, which consists in bodily suspending the diaphragm in a magnetic field and parallel to the magnetic flux in the field, and securing the diaphragm against bodily movement longitudinally of the flux but permitting movement transversely thereof.

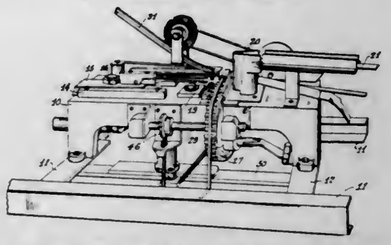
2,134,048
WASHING MACHINE
Johannes B. Kessel, Chicago, Ill., assignor of one-half to Louis Hoffberg, Chicago, Ill.
Application January 4, 1938, Serial No. 183,328
12 Claims. (Cl. 68—132)

1. A washing machine embodying an article container, a closure therefor, an agitator shaft depending from the closure, a motor for operating the said shaft, said motor disposed outside of the container and positioned substantially centrally of the closure and on an upright axis, a hood for the motor, means for supporting the hood by the closure, said hood having an air inlet and an air outlet, and a fan within the hood



and disposed above the motor, for drawing air into the hood through said inlet, circulating the air across the motor, and directly against and across said closure out of said outlet opening.

2,134,049
PACKAGING MACHINE
Edward S. Killian, Akron, and Lawrence Povlacs, Jr., East Akron, Ohio, assignors, by mesne assignments, of thirty-seven and one-half per cent to James Tyrrell, as trustee, and twenty-five per cent to Perry H. Stevens, both of Akron, Ohio
Application December 24, 1937, Serial No. 181,592
5 Claims. (Cl. 226—2)

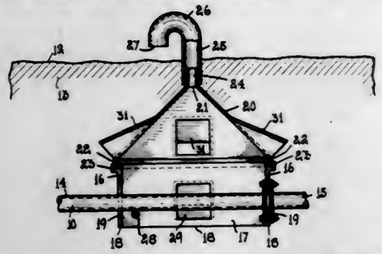


1. An article packaging device comprising a receptacle for receiving disk-shaped collapsible articles to be packaged, a magazine having a plurality of movable chambered members for receiving open ended tubular wrappers for said articles and, reciprocating means mounted to move through a wrapper disposed in one of said chambered members and move one of said articles from said receptacle into and deposit it in said wrapper.

2,134,050
GAS TRAP
Warren C. Kimbrough, Omaha, Nebr.
Application February 27, 1937, Serial No. 128,208
3 Claims. (Cl. 48—193)

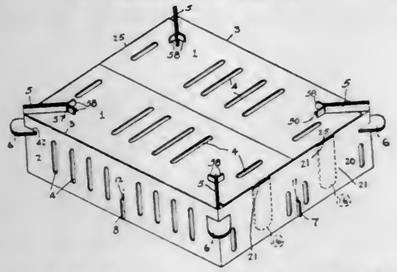
1. A gas trap comprising a hollow housing having side walls, means for permitting the application and withdrawal of the housing without disturbing the fuel gas pipe to which it is applied including a roof and an open bottom, oppositely disposed side walls being provided with notches opening from the bottom edge of said walls, oppositely disposed side walls of said notches adapted to be lowered about and receive therebetween a pipe conductor of fuel gas while the latter is disposed below the surface of the ground,

whereby said pipe extends through said notches and said walls, and the lower portions of said walls are disposed below said pipe, one of said notches being of such a width with respect to the diameter of said pipe that escaped gas may enter said housing therethrough, and means adapted



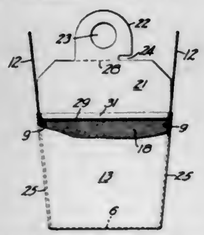
to encircle and abut said pipe for closing the other of said notches for preventing passage of gas therethrough, said roof provided with an outlet adapted to be disposed above the surface of said ground for permitting communication of gas from the housing to the atmosphere.

2,134,051
CHICK BOX
John S. Kirby, Indianapolis, Ind., assignor to The Hinde and Dauch Paper Company, Sandusky, Ohio, a corporation of Ohio
Application December 10, 1936, Serial No. 115,173
7 Claims. (Cl. 229—31)



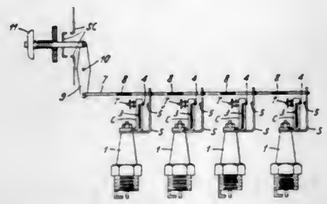
1. In a chick box comprising mutually hinged bottom, sides and lid, a corner comprising adjacent panels folded to contiguous ends of box sides and to each other, said panels each being of triangular outline with apex adjacent the box bottom and edges projecting through the closed lid.

2,134,052
LEAKPROOF CONTAINER FOR FLUIDS
Alphonse J. Kramer, Antioch, Calif.
Application July 1, 1936, Serial No. 88,423
2 Claims. (Cl. 229—33)



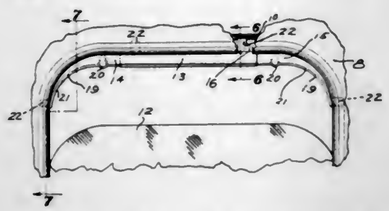
1. In combination, a container comprising a single sheet of material folded to provide a box having a bottom, side walls, an open end, and flaps extending from said side walls and bordering said open end, a closure member for the open end of said box comprising a sheet of material provided with marginal flanges adhesively secured to said side walls, and said flaps being foldable to positions overlying said closure member.

2,134,053
ENGINE IGNITION SYSTEM
Alfred Aubyn Linsell, Sydenham, London, England, assignor to Radio Corporation of America, a corporation of Delaware
Application May 11, 1935, Serial No. 20,900
In Great Britain June 27, 1934
1 Claim. (Cl. 123—179)



In an electric ignition system for an engine provided with a starting switch and having a plurality of spark plugs, the combination of a resistor connected electrically in series with and extending upwardly from the top of each of said plugs, a conducting spring member connected to the lower end of each of said resistors and normally disengaged from the upper end, a horizontally disposed slide rod connected to the upper ends of said conducting spring members, each portion of the slide rod that is connected to the spring member being electrically insulated from the other such portions of the slide rod, and mechanical linkage between the starting switch and the slide rod whereby upon actuation of the starting switch the slide rod is moved to urge the normally disengaged ends of the conducting members into contact relation with the associated ends of the resistors whereby said resistors are momentarily short circuited.

2,134,054
RAIN DEFLECTOR
Charles W. Mabey, Lutz, Fla.
Application September 1, 1937, Serial No. 161,902
4 Claims. (Cl. 296—44)

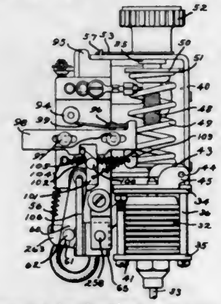


1. A water deflector for automobile windows having a downwardly sloping hood and a flange means at its rear edge for attachment to a window frame, in combination with spring clips having U-shape spring members sprung into engagement with the inner walls of the window guides, and each having a leg contacting the deflector to prevent disengagement of the flange means.

2,134,055
METHOD OF MAKING CADMIUM RED
Walter F. Meister, Elizabeth, N. J., assignor, by mesne assignments, to Interchemical Corporation, New York, N. Y., a corporation of Ohio
No Drawing. Application January 31, 1938, Serial No. 187,898
10 Claims. (Cl. 134—58)

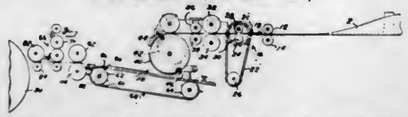
1. The process of making cadmium red which comprises calcining in a neutral atmosphere cadmium thioselenide in admixture with a number of molecules of cadmium oxide less than one-half the number of atoms of selenium contained in the cadmium thioselenide.

2,134,056
REFRIGERATING APPARATUS
George C. Pearce, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Original application December 30, 1933, Serial No. 704,685. Divided and this application November 10, 1937, Serial No. 173,884
13 Claims. (Cl. 200—81)



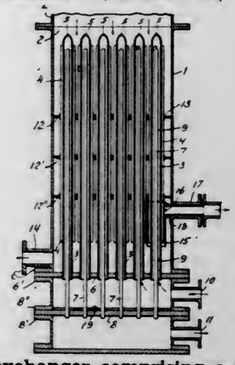
1. Switch means including means for opening and closing an electric circuit, said means including overload means responsive to a predetermined flow of electric energy through the circuit for opening the circuit, means for resetting said overload means, said resetting means including a floating lever, means for moving the lever, and means operated by the reaction of the lever for resetting the overload means and for holding the circuit open during the resetting of the overload means.

2,134,057
BAG MAKING MACHINE
Adolph Potdevin, Garden City, N. Y., assignor to Potdevin Machine Company, Brooklyn, N. Y., a corporation of New York
Application October 27, 1936, Serial No. 107,839
7 Claims. (Cl. 93—18)



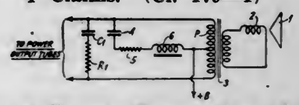
1. A machine of the class described, comprising in combination means for forming a traveling web into a tube with a seam in one wall thereof, means for continuously advancing the tube with its seam wall uppermost, severing mechanism for severing the tube into bag lengths, forwarding mechanism for forwarding the bag lengths lengthwise to a printing station, and means in the path of travel of the bag lengths for turning the bag lengths end for end and for inverting the bag lengths so as to present the unseamed wall of each bag length to the impression roller of the printing station, bottoming mechanism and means for continuously advancing the printed bag lengths to said bottoming mechanism.

2,134,058
HEAT EXCHANGER
Kenneth B. Ris, Garden City, N. Y., assignor to The Griscom-Russell Company, New York, N. Y., a corporation of Delaware
Application June 16, 1936, Serial No. 85,475
2 Claims. (Cl. 257—45)



1. A heat exchanger comprising a tube sheet, a group of tubes having open ends secured to said tube sheet, a second group of tubes each of smaller diameter than the tubes of the first group whereby they may be inserted into the first group of tubes through the open ends thereof, means for rigidly supporting the second group of tubes in spaced relation to each other, said supporting means being disposed near one end of said second group of tubes and an aperture guide plate strung onto said second group of tubes and loosely engaging the same, said guide plate being movable into close proximity into the open ends of said first group of tubes with the apertures in the guide plate registering with these openings, to facilitate the insertion of said second group of tubes into the first group of tubes.

2,134,059
LOUDSPEAKER CIRCUITS
Otto H. Schade, West Caldwell, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application March 15, 1937, Serial No. 130,834
4 Claims. (Cl. 179—1)



4. In an audio reproducer system of the type employing mobile elements having a mechanical resonance which causes rattling and striking of the mobile elements against immobile portions of the reproducer, an electrical absorption circuit coupled with the reproducer input, said absorption circuit being resonant to a frequency in the vicinity of said mechanical resonance whereby the effect of said mechanical resonance on the acoustic character of the reproducer is greatly diminished, and the constants of said absorption circuit being so chosen that changes in the frequency value of said mechanical resonance due to increased power input to the reproducer are compensated for by corresponding changes in the resonant frequency of said absorption circuit.

2,134,060
METHOD OF PRESERVING FRUITS

Ralph E. Schaefle, Berkeley, Calif., assignor to Balfour, Guthrie & Co., Limited, San Francisco, Calif., a corporation of Delaware

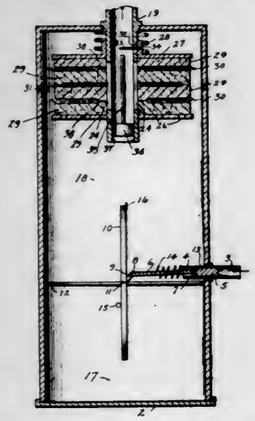
No Drawing. Application May 11, 1938, Serial No. 207,309
2 Claims. (Cl. 99—104)

1. A method of preserving dried prunes which consists in submerging the prunes in a sugar solution of substantially the same sugar content as that of the dried prunes, maintaining the sugar solution at a temperature of approximately 200° F. for a predetermined period, retaining the prunes in the sugar solution until the flesh and skin has become sufficiently tender to separate from the pit readily and at the same time permitting the sugar solution to cool gradually, removing the prunes from the sugar solution, and then vacuum-packing and sterilizing the prunes.

2,134,061
FILTER

Albert G. Thomas, Lynchburg, Va.

Application November 20, 1936, Serial No. 111,755
7 Claims. (Cl. 210—179)



1. In a filter, a casing, an inlet and an outlet for liquid in said casing, filtering means disposed within said casing, yielding means compressing said filtering means, a piston acting upon said yielding means and operated by pressure of said liquid to reduce the compression of said filtering means in inverse relation to the pressure of said liquid, a sediment compartment within said casing, a cover for said compartment, and means for connecting said piston with said cover so that said compartment will be closed when said liquid is flowing through said filter.

2,134,062
GAUGE

Nikola Trbojevich, Detroit, Mich.

Application December 30, 1935, Serial No. 56,818
5 Claims. (Cl. 33—174)

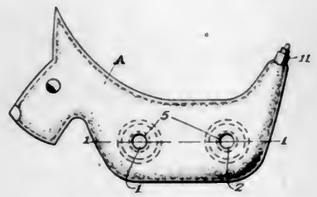


1. An angle constructing set of gauges comprising a plurality of wedge shaped prismatic blocks arranged substantially on the basis of a geometric series in which each block has two measuring plane sides forming a predetermined acute angle with each other and two reference plane sides parallel to each other and perpendicular to the two first mentioned planes, the arrangement being such that any selection of blocks taken from the set may be stacked up upon their measuring sides either convergently or divergently and in any desired order and the reference planes aligned to correctly obtain a predetermined compound angle.

2,134,063
RUBBER TOY

László Turchányi, Sashalom, near Budapest, Hungary, assignor to Magyar Ruggyantaarugyar, Reszvenytarsasag, Budapest, Hungary

Application October 21, 1937, Serial No. 170,177
In Hungary October 22, 1936
6 Claims. (Cl. 46—87)

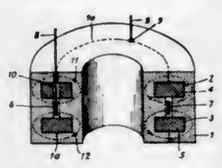


4. An inflatable rubber body comprising two welded rubber sheets having openings therein and means adapted for lastingly keeping said body inflated, one or more openings of one sheet being located opposite the respective openings of the other sheet, means for insulating the major part of the interior of said rubber body against entrance of air through said openings and independent inflatable members in said openings adapted to move freely in said openings, each of said members comprising two welded rubber sheets and having means adapted for maintaining inflation.

2,134,064
ELECTRODYNAMIC LOUDSPEAKER

Friedrich Ulrich, Berlin-Siemensstadt, and Alexander Schaaf, Berlin-Charlottenburg, Germany, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a corporation of Germany

Application May 26, 1936, Serial No. 81,796
In Germany June 5, 1935
4 Claims. (Cl. 179—115.5)

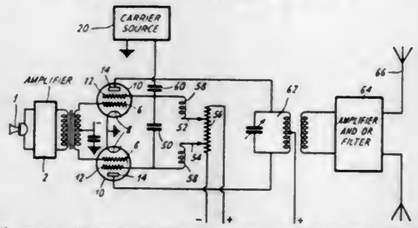


1. An electro-dynamic loudspeaker comprising a cylindrical core of magnetic material, a pair of spaced coaxially disposed field windings arranged within said core, said core having an annular air gap in the space between the field windings, a voice coil arranged within said air gap, a vibratile diaphragm, and connectors joined between the voice coil and the diaphragm, certain of said connectors serving as the lead-in conductors for the voice coil.

2,134,065
MODULATOR

George L. Usselman, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Original application March 21, 1931, Serial No. 524,247. Divided and this application January 29, 1936, Serial No. 61,259
3 Claims. (Cl. 179—171)

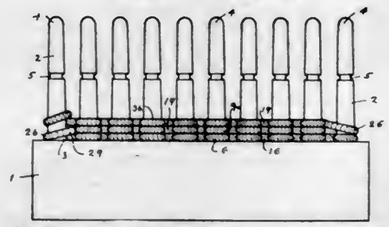


1. In a transmitting system, a pair of electron discharge devices each having a cathode, an anode, a grid adjacent the cathode and a grid adjacent the anode, a common output circuit coupled to the anodes of said devices, a source of modulating energy, a balanced push-pull circuit coupling said source in phase opposition to the grids of said devices adjacent said cathodes, a source of relatively high frequency energy coupled cophasally to the grids adjacent said anodes through means separate from said first named means, resistive means for applying different direct current potentials to the grids adjacent said anodes, means for amplifying the resultant energy in said output circuit, and means for transmitting the amplified energy.

2,134,066
KNITTING DEVICE

Eleanor Van Ness, Baltimore, Md.

Application August 16, 1937, Serial No. 159,398
1 Claim. (Cl. 66—4)

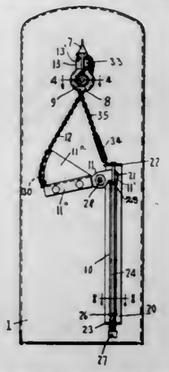


A knitting comb for knitting flat fabric having an overlatch interlink pattern, comprising in combination a flat base frame having rectangular sides and longitudinally greater than the width, the upper longitudinal portion being provided with a plurality of equally spaced holes therein located on the longitudinal center line thereof, a plurality of uniformly and gradually tapered and rounded prongs disposed in said holes and extending at right angles therefrom above said portion, said prongs being each singly grooved horizontally and completely around the periphery half-way between the upper surface of said longitudinal portion and the rounded top of the prongs, and the said groove being of semicircular cross-section and adapted to receive and hold the top row loopings and permit two lower loop rows on the frame and prongs to be looped over the top row loopings in an unobstructive manner exteriorly to the comb to form an overlatch interlink flat fabric on the comb, substantially as described.

2,134,067
HYGROMETER

Don P. Wickersham and Karl Otto Waldvogel, Urbana, Ohio, assignors to The Johnson Manufacturing Company, Urbana, Ohio, a corporation of Ohio

Application November 25, 1935, Serial No. 51,404
Renewed March 21, 1938
8 Claims. (Cl. 73—337)

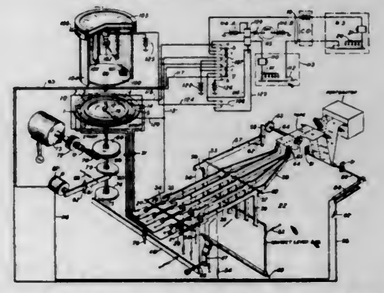


4. In a hygrometer, a moisture-responsive element, a lever operated thereby, and an oscillatory member, a second lever connected to said member, a chain connecting said levers, said chain during a given initial movement of said moisture-responsive element passing over a surface on said oscillatory member of given radius with relation to the axis of oscillation of said oscillatory member, and a projection on said second lever of greater effective radius with relation to the axis of oscillation of said oscillatory member over which said chain passes after leaving said surface during the subsequent movement of said moisture-responsive element to decrease the speed of movement of said pointer, said second lever having a surface of greater effective radius with respect to the axis of oscillation of said oscillatory member than that of said projection over which said chain passes after leaving said projection to further decrease the speed of movement of said pointer.

2,134,068
START-STOP PRINTING TELEGRAPH SYSTEM

Hollie Cyrus Williams, Cleveland, Ohio, assignor to American Telephone and Telegraph Company, a corporation of New York

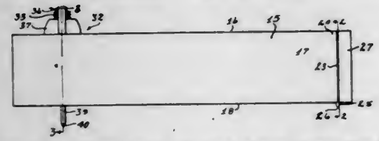
Application February 23, 1938, Serial No. 192,124
16 Claims. (Cl. 178—69)



2. A distortion measuring set comprising a relay, a source of electric impulses adapted to op-

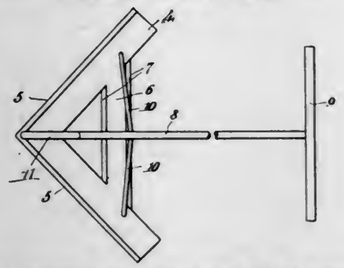
erate said relay, a source of light, an armature for said relay for causing said source of light to be intermittently energized, a mirror arranged in response to said electric impulses flowing from said source to rotate about an axis extending through the center of said source of light and to reflect the light at an angle, driving means for rotating said mirror to cause the reflected light to describe an arc, and a graduated scale in the path of said arc.

2,134,069
CUTTING TOOL
Charles H. Zimmerman, Norwood, Ohio
Application May 29, 1936, Serial No. 82,561
20 Claims. (Cl. 164—71)



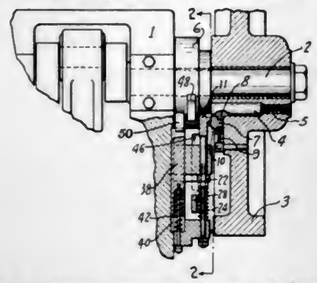
1. In a cutting tool of the class described the combination of a body member having a relatively broad base portion which rests upon and moves over the material being cut, a cutting blade at one end of said body portion, and a centering pin carried by the body portion for adjustment toward and from the cutting blade about which the tool is actuated for producing circular disks and gaskets, the base of the body member being utilized as means for ironing out the material ahead of the cut, the said center adjusting means comprising a post extending through a slot in the body member, and clamp means on said post for securing the post in adjusted positions longitudinally of the body member.

2,134,070
WEEDING TOOL
William V. Avant, South Miami, Fla.
Application October 27, 1937, Serial No. 171,337
1 Claim. (Cl. 30—314)



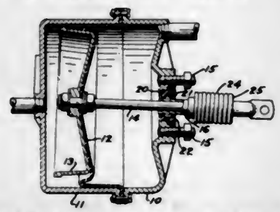
A tool comprising a flat plate in the shape of a hollow triangle, a shaft rigidly secured to said plate near the apex thereof and extending upwardly and rearwardly from and in the median line of said plate, arms rigidly connected upon opposite sides of said shaft immediately above the base of said triangle, said arms extending outwardly and downwardly from said shaft and rigidly connected at their outer ends to said plate near the rear extremities thereof and in alinement with the base of said triangle, the forward part of said shaft extending upwardly and forwardly from said plate, and the outer edges of the sides of said triangle and both edges of said base being beveled downwardly to provide cutting edges.

2,134,071
SAFETY DEVICE FOR POWER PRESSES
Frederick W. Burgie and Joseph I. Kaul, Toledo, Ohio, assignors to Doehler Die Casting Company, Toledo, Ohio, a corporation of New York
Application May 18, 1937, Serial No. 143,349
9 Claims. (Cl. 192—25)



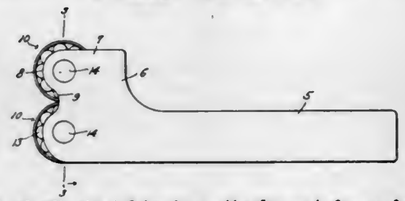
1. In a clutch control device, a frame, a rotatable shaft mounted on said frame having a clutch member and a stop shoulder thereon, a drive member loose on the shaft, a second clutch member movably carried by said drive member and adapted to be projected into driving engagement with said first named clutch member, trip means carried by the drive member and normally acting on said second clutch member to retain it in released position, throw-out means normally standing in coacting relation to said second clutch member and operable to release said trip means when moved from such position, a positive stop element independent of said throw-out means normally standing in the path of revolution of said stop shoulder, and movable control means connected to said frame and having releasable engagement with both said throw-out means and stop element and operable to move said latter means and element to released positions with respect to said second clutch means and stop shoulder, and means automatically operable at a predetermined point in a rotation of said clutch member to release said control means from said throw-out means and stop element to permit return of the latter to normal positions.

2,134,072
POWER CHAMBER
Clarence A. Christensen, San Francisco, Calif., assignor, by mesne assignments, to William J. Besler
Application October 9, 1936, Serial No. 104,826
6 Claims. (Cl. 308—4)



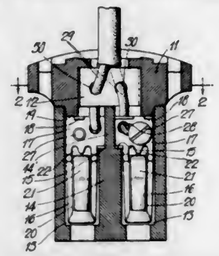
1. A double acting power chamber of the type employing a flexible diaphragm, comprising a pair of hollow cup-like sections, a flexible diaphragm secured within said sections to provide a chamber on each side of said diaphragm, a pull rod projecting into one of said chambers through an opening in the cup member forming one wall thereof, said rod being secured to the diaphragm in said chamber, means for sealing the opening in the cup member between it and the pull rod comprising a bushing provided with a tapered external ring slidable on said pull rod, and a flexible member adapted to receive said ring secured to said bushing and to said housing bore, whereby said pull rod is adjustably supported in position to permit of its being deflected from a straight line during operation of said power unit.

2,134,073
SHAFT STRAIGHTENER
Wayne D. Cohea and John R. Cohea, Frederick, Okla.
Application October 5, 1937, Serial No. 167,476
1 Claim. (Cl. 153—52)



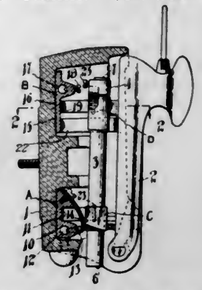
A shaft straightening attachment for a lathe comprising a shank for engagement with the tool holder post of a lathe, an enlargement at one end of the shank extending from one side edge thereof, said enlargement and the adjacent end of the shank being of forked construction, a pair of rollers located between the prongs thereof and having portions projecting beyond the ends of the prongs, each roller comprising inner and outer races and anti-friction means between the races and pivot pins passing through the prongs and through the center races of the two rollers, each pin having a reduced end fitting in a hole in one prong and its larger end fitting in a hole in the opposite prong.

2,134,074
ELECTRIC PLUG SOCKET CONSTRUCTION
Nathan Chireistein, Newark, N. J.
Application November 6, 1936, Serial No. 109,408
2 Claims. (Cl. 173—332)



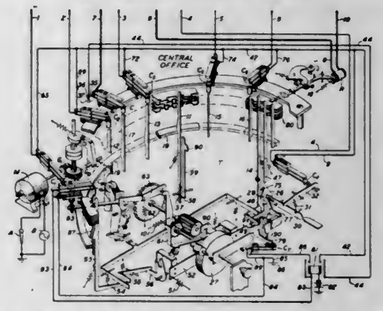
1. A socket construction comprising two jaw members, each of which is formed with a shank having an opening adjacent its inner end, said opening being substantially rectangular and having inner, outer and side walls, a projection on each of the inner and outer walls of the opening with said projections being oppositely disposed centrally of the side walls of the opening and terminating in spaced relation and defining a space on each side of the projections and a substantially U-shaped spring having the bight thereof disposed between said projections with the arms of the spring extending over the outer sides of the jaw members to hold them together in operative relation.

2,134,075
CUT-OUT
Neil A. Dey, Toronto, Ontario, Canada, assignor to Dominion Cutout Co. Limited, Toronto, Ontario, Canada
Application October 17, 1936, Serial No. 106,122
In Canada November 20, 1935
17 Claims. (Cl. 200—114)



1. In a cut-out, the combination of a container of insulating material, a cover hinged to the container, spaced terminals on said cover for supporting a fuse cartridge, spaced terminals in the container for engaging the terminals on the cover, one of said terminals in the container comprising a U-shaped contact clip having a shoulder thereon adjacent the outer end of each leg, the co-operating terminal on the cover comprising a wedge-shaped contact member slidable longitudinally on the cartridge and which said U-shaped contact clip is adapted to engage; and a fuse link having one end connected with said wedge-shaped member to hold it in engagement with the contact clip.

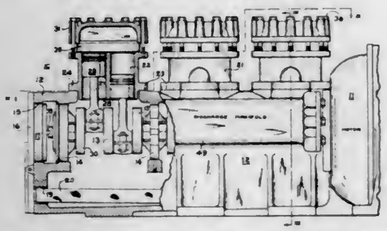
2,134,076
TELETYPEWRITER SYSTEM
James Archibald Duncan, Ridgewood, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application September 25, 1936, Serial No. 102,578
10 Claims. (Cl. 178—2)



1. A teletypewriter system including a teletypewriter having pull bars, selecting mechanism operable in response to the reception by the teletypewriter of preassigned code combinations of signal impulses for selecting the pull bars, a reciprocating bail for elevating the pull bars selected by the selecting mechanism, switching contacts mounted in the teletypewriter for operation by the pull bars when the pull bars are elevated, circuits adapted to be opened and closed by the switching contacts, the operation of said contacts being normally ineffective to perform any useful function, and control means for rendering the operation of said pull bar operated

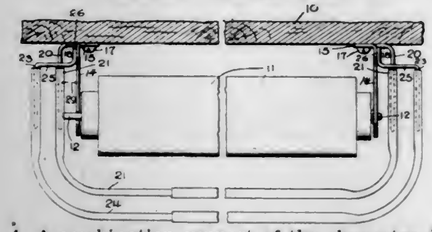
switching contacts effective, said control means including a normally unenergized relay operable only in response to the reception by the teletypewriter of a preassigned code combination of signal impulses.

2,134,077
FLUID TRANSLATING APPARATUS
Emil Ehret, Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application August 23, 1934, Serial No. 741,125
6 Claims. (Cl. 230—184)



1. In a fluid translating machine, the combination of a crankcase member, a plurality of cylinder members secured to said crankcase member and arranged in a row and each having a cylinder formed therein, said crank case member having an inlet header on one side of said row and an outlet header on the other side thereof, both headers being formed integrally with the crankcase member, each of said cylinder members having inlet and outlet passages formed integrally therewith and communicating with said inlet and outlet headers, respectively, a cylinder head for each cylinder member having inlet and outlet chambers providing communication between said cylinder and said inlet and outlet passages, respectively, and valve means for controlling the flow of fluid between each cylinder and the associated inlet and outlet passages.

2,134,078
COMBINATION CURTAIN AND SHADE HOLDER
Louis Farner and Leo Ricci, New Kensington, Pa.
Application July 22, 1936, Serial No. 92,002
4 Claims. (Cl. 248—255)



4. A combination support of the character described comprising a body portion having laterally extending attaching means permitting the support to be mounted on a window frame and an opposite laterally extending portion lying in the plane of the attaching means and adapted to coact with the surface of the window frame, and a projection extending from said last portion in a direction substantially parallel to the body portion, said projection having a vertically extending slot spaced from the adjacent portion, and an attachment having a complementary slot in one part adapted to coact with the first-mentioned slot, another part constituting a projection adapted to receive a curtain rod being positioned parallel to but spaced from the body portion, said part provided with a slot also having a right-angle abutment, the surface of which is adapted to coact with the surface of the body portion, and the end of the abutment engaging the surface of said laterally extending portion.

2,134,079
ANIMATED TOY
William D. Fentress, Sharonville, Ohio
Application September 22, 1937, Serial No. 165,163
14 Claims. (Cl. 46—151)

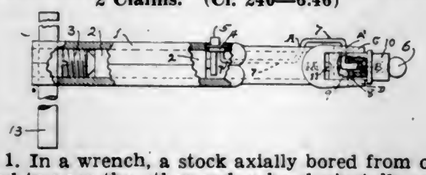


9. An animated toy comprising an animating element consisting of an insect within a natural shell, said insect by its movements imparting to said shell inherent powers of locomotion capable of automatic, spasmodic movement, and a body having a cavity therein for receiving said animating element, the contacting portion of the bottom surface of said body engageable with the supporting surface being rounded with an area which is small in comparison with the total area of said bottom surface whereby to facilitate motion of said toy relatively to the supporting surface.

2,134,080
COMBINED HALF-TONE SCREEN AND NEGATIVE
Louis Flader, Chicago, Ill.
No Drawing. Application October 15, 1935, Serial No. 45,119
2 Claims. (Cl. 95—5.7)

1. The process of producing a relief printing plate which consists in using in a hand camera, a photographic plate or film with a sensitive emulsion thereon, in placing a Cellophane half-tone screen in contact with the plate or film, in subjecting the emulsion to a single exposure from the image of an object projected first through the half-tone screen, in developing the latent image by a single development to produce dots in the emulsion of varying sizes and shapes the areas corresponding to the changes of light and shade of the object, in coating a metallic plate with a light sensitive agent, in transferring the variable area dots to the coating on the metallic plate through the action of light passing through the negative to produce acid resistant areas, and in etching the surface between such areas to produce a relief plate for direct printing.

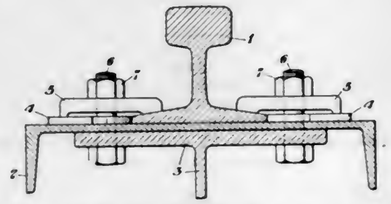
2,134,081
WRENCH
John E. Gaede, Newton, Kans.
Application December 17, 1936, Serial No. 116,317
2 Claims. (Cl. 240—6.46)



1. In a wrench, a stock axially bored from one end to near the other end, a head pivotally carried at the last named end of the stock, the head being axially bored and threaded and an electric lamp threadedly engaging in the bore, a battery

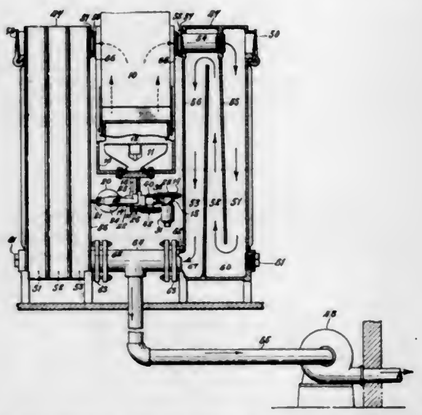
carried in the bore of the stock and means to secure the battery therein and ground the same to the stock, a switch positioned on the stock and movable to and from contact with its adjacent end of the battery, and a wire connecting the switch with the lamp to illuminate the same when the switch is closed with the battery, a socket wrench to engage with the head and surrounding the lamp for the purpose specified.

2,134,082
RAIL FASTENING
Chauncey Marsh Goodrich, Windsor, Ontario, Canada
Application August 30, 1937, Serial No. 161,663
1 Claim. (Cl. 238—341)



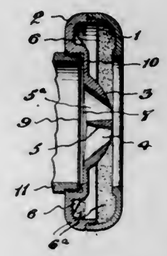
A rail fastening comprising a rail base support, a cam-plate on said support, a rail clip with one end on said plate and its other end on the top of the base of a rail on said support, said support, said plate and said clip having mutually registering apertures, and a tension member arranged through said apertures and engaging said clip, said plate pivoting on said member and having a cam-edge bearing on the side edge of said base.

2,134,083
CONTROL MECHANISM FOR GAS BURNERS
George A. Guenther and Howard V. Guenther, Buffalo, N. Y., assignors to Leon H. Ballou, Lockport, N. Y.
Application June 18, 1936. Serial No. 85,962
3 Claims. (Cl. 126—91)



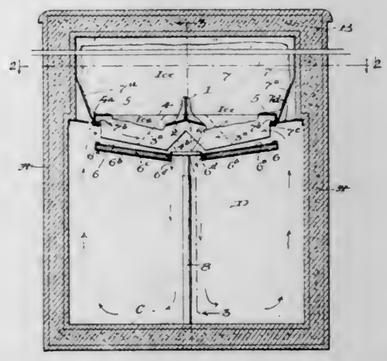
2. A control mechanism for a vacuum gas heater having a combustion chamber, a burner in said chamber and an exhaust device connected with said chamber, comprising a gas supply conduit connected with said burner, a suction operated safety valve arranged in the outlet portion of said conduit adjacent to said burner, an electrically operated thermostatic control valve arranged in the inlet portion of said conduit, a manually adjustable regulating valve arranged in said conduit between said safety valve and said control valve, and an automatic reducing valve arranged in the inlet portion of said conduit in advance of said electrically operated valve.

2,134,084
TELEPHONE EARPIECE
Erich Hausdorf, Berlin, Germany
Application August 19, 1935, Serial No. 36,915
In Germany April 9, 1935
8 Claims. (Cl. 179—182)



1. A telephone earpiece comprising in combination, a cap adapted to fit against the ear and surround the same, a dome-like portion adapted to engage into the ear, and ribs in the said dome-like portion disposed angularly to the base of the dome and dividing the said dome-like portion into single compartments, all of said compartments converging toward the sound outlets whereby the sound is intensified at these outlets.

2,134,085
ICE GRID FOR REFRIGERATORS
John Bobe Herdlein, Morrison, Ill., assignor to Ice Cooling Appliance Corporation, Morrison, Ill., a corporation of Delaware
Application November 19, 1935, Serial No. 50,600
19 Claims. (Cl. 62—46)



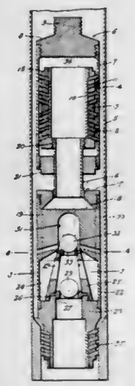
1. An ice grid for refrigerators comprising a plurality of parallel vertically disposed grid plates adapted to be disposed edgewise to a block of ice supported thereon; intermediate grid plates of shorter length substantially conforming in size and shape with the corresponding portions of the

first mentioned plates; and a horizontally disposed plate on the transverse axis of the grid connected with all the grid plates intermediate their upper and lower edges, and extending at right angles thereto.

2,134,086
CHEMICAL PROCESS
Robert W. Maxwell, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 1, 1937, Serial No. 145,909
8 Claims. (Cl. 260—152)

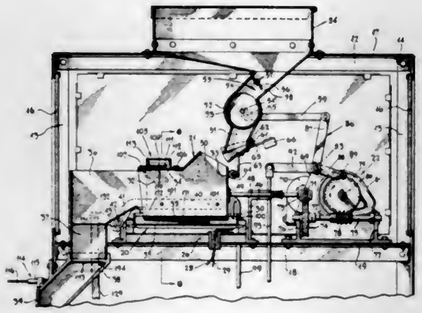
8. A process for preparing organic-soluble mixed non-olefinic aliphatic methallyl ethers of cellulose which comprises reacting a cellulosic material with not less than 7 mols of total etherifying agent, said etherifying agent comprising not less than 35 mol. per cent of active non-olefinic aliphatic etherifying agent which will not introduce acid-containing ether groups, and not more than 65 mol. per cent of methallyl etherifying agent, and continuing the reaction until a mixed ether soluble in organic solvents and containing not more than 1.5 methallyl groups per glucose unit of cellulose is obtained.

2,134,087
PUMP
Glen G. Montgomery and David E. Montgomery, Mirando City, Tex.
Application February 9, 1937, Serial No. 124,908
1 Claim. (Cl. 103—155)



A pump comprising a lower body having a bore therethrough and arranged in a well casing against movement relative thereto, packing means on the body engaging the well casing, an upper body having a chamber in the upper end thereof and including a skirt threaded on the lower body to provide a lower chamber arranged between said bodies, said upper body having passages connecting said chambers and provided with a valve recess and discharge ports opening outwardly through the outer face thereof and connecting with the valve recess, a valve cage threaded on the lower body within the lower chamber and having side ports communicating with the lower chamber and an end port, a valve seat for said end port and held against the upper body about the lower end of the recess below said discharge ports, a bell valve for said seat to admit fluid under pressure from the lower chamber to the recess for escape by way of the discharge ports to the well casing above the lower body, a second valve seat mounted at the upper end of the bore of the lower body by said valve cage, a ball valve in the cage to coact with the second seat, a hollow barrel including a sleeve detachably connected to the upper body and in communication with the first-named chamber, packing on said barrel, a reciprocal shell receiving the barrel with a frictional fit by the packing thereof and providing between the barrel and the upper end thereof a suction chamber, and a guide collar slidable on the sleeve and detachably secured to the lower end of the shell for the closing of the lower end of said shell and to cooperate with the packing of the barrel in guiding the movement of the shell relative to said barrel.

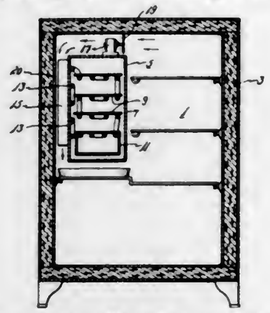
2,134,088
MACHINE FOR POPPING POPCORN AND VENDING THE SAME
Louis K. Obdyke, Glendale, Calif.
Application December 29, 1937, Serial No. 183,634
5 Claims. (Cl. 53—4)



1. In a machine for popping popcorn and vending the same, comprising a heating pan containing a quantity of popping liquid, electric heating means associated with said pan for heating the liquid, a separate popping liquid reservoir, and operating means acting to fill the heating pan with liquid in excess of that required for the popping operation and to thereafter withdraw liquid from the pan until a predetermined level is reached.

2,134,089
REFRIGERATING APPARATUS
Lawrence A. Philipp, Detroit, Mich., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich., a corporation of Maryland
Application April 22, 1935, Serial No. 17,692
Renewed March 3, 1938
2 Claims. (Cl. 62—102)

1. Refrigerating apparatus comprising a cabinet, an enclosure within said cabinet enclosing a low temperature zone and having a wall exposed to the circulating air in said cabinet for cooling said circulating air, heat absorbing means within the space enclosed by said enclosure and shielded from the direct contact from said circulating air including a portion thermally associated with said wall for cooling the circulating air to the desired temperature and above the prevailing temperature existing within said enclosure, and means for directing the flow of air toward said wall.

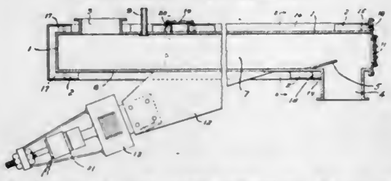


2,134,090
CREAM SEPARATING DEVICE
Emile Scheemaeker, Blackstone, Mass.
Application December 2, 1937, Serial No. 177,829
8 Claims. (Cl. 210—51.5)



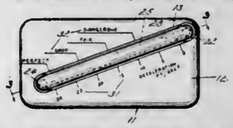
1. A cream separator device for use with a milk bottle of the type having a milk chamber, a cream chamber in superposed relation to the milk chamber and having a centrally outwardly bulged wall, and a necked-in portion between the chambers and having an opening connecting the chambers, the said separator device comprising a bottom wall for closing the opening in the necked-in portion, and an upstanding passage-forming wall at one side of the bottom wall, the said passage-forming wall being transversely curved to form a channel, and its edges being longitudinally curved to conform to the curve of the outwardly bulged wall of the cream chamber, and the bottom wall having an opening underlying the passage formed by the channel of the passage-forming wall.

2,134,091
APPARATUS FOR THE SOLIDIFYING OR CASTING OF MOLTEN MATERIALS
Joseph L. Stecher, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application December 9, 1936, Serial No. 115,045
6 Claims. (Cl. 83—91)



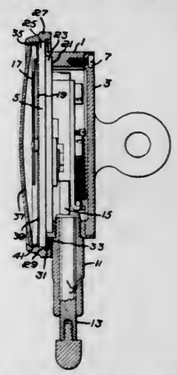
1. A device of the class described which comprises a horizontally disposed body including a closed chamber of appreciable length and relatively narrow cross-sectional area having heat exchange jackets at the portions of the chamber in contact with the material to be treated, a charging port at one end at the top and a discharging port on the bottom at the other end, vibratory means of small amplitude connected to the body for vibrating the chamber and means for actuating the vibratory means, a conduit for an inert gas communicating with the interior chamber formed by the body, the bottom wall of said chamber being corrugated in cross section, said corrugations extending lengthwise, said body being otherwise imperforate.

2,134,092
BRAKE TESTER
Jack Van Horn Whipple, Sellersville, Pa., assignor to United States Gauge Company, Sellersville, Pa., a corporation of Pennsylvania
Application December 4, 1935, Serial No. 52,908
2 Claims. (Cl. 264—1)



1. An instrument to show acceleration or deceleration of a vehicle or the like, comprising a casting formed to provide a rectangular front having a diagonally disposed recess, and a skirt forming the side walls of the instrument, a chamber formed in said casting, a transparent tube disposed in said recess and having its ends secured to said casting and in communication at opposite ends with said chamber, and liquid disposed in said tube and chamber providing a U-shaped column.

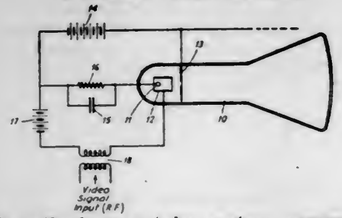
2,134,093
CRYSTAL AND BEZEL MOUNTING FOR DIAL GAUGES
Warren Ames, Newton, Mass.
Application July 17, 1935, Serial No. 31,844
9 Claims. (Cl. 73—151)



6. A device of the character described having, in combination, a support, a bezel ring, means for rotatably retaining said ring on said support and acting as a thrust bearing restraining the two against separation under forces directed axially of said ring, a crystal carried by said ring, the latter having shoulder means against which the outer side of said crystal removably abuts, and spacer means between and operatively act-

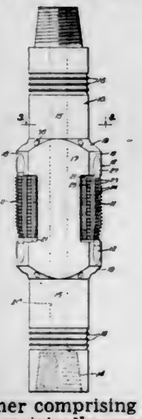
ing on said support and crystal as abutments for holding said crystal against said shoulder means, said spacer means comprising a cup-shaped resilient dial member surrounded by and rotatable with said bezel ring whereby the latter is urged axially away from said support for taking up lost motion in said thrust bearing.

2,134,094
OSCILLOGRAPH DEVICE
Robert Andrieu, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application May 21, 1936, Serial No. 81,038
In Germany April 10, 1935
3 Claims. (Cl. 178—7.5)



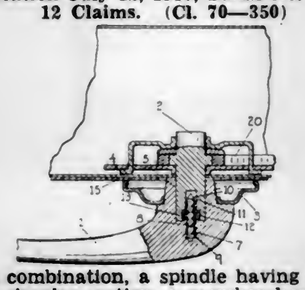
1. A cathode ray tube system comprising a cathode ray tube including a cathode, control electrode and anode electrodes, means for biasing the cathode of said tube with respect to the control grid thereof whereby said tube operates on the lower bend of its control grid voltage-anode current characteristic, a source of picture signals, means for impressing said signals onto the control electrode of said tube whereby said picture signals are directly detected by said tube, and a time constant circuit having a time constant greater than the highest modulation frequency of the picture signals, said time constant circuit being connected in the cathode circuit of said tube for peaking the high frequency components of the picture signals.

2,134,095
ROTARY WELL REAMER
Walter A. Abegg, Los Angeles, Calif., assignor to Globe Oil Tools Company, Los Nietos, Calif., a corporation of California
Application June 15, 1937, Serial No. 148,301
14 Claims. (Cl. 255—73)



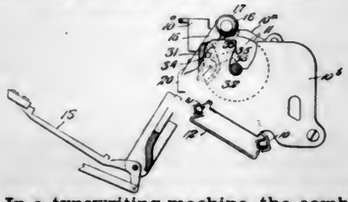
1. A well reamer comprising a shank, and two substantially diametrically opposite pairs of roller reaming cutters on the shank, the cutters of each pair being in adjacent relation and the said pairs being spaced substantial distances apart circumferentially of the shank.

2,134,096
HANDLE SECURING STRUCTURE
Michael B. Andrie, Grand Rapids, Mich., assignor to W. B. Jarvis Company, Grand Rapids, Mich.
Application July 12, 1937, Serial No. 153,161
12 Claims. (Cl. 70—350)



1. In combination, a spindle having a portion of non-circular section, a member having a recess corresponding in section to the non-circular section of the spindle and adapted to receive the same, and means for securing the spindle and member in assembled relation comprising an anchoring screw having relatively high pitched, hardened threads thereon, the recess in said member being counterbored and said screw being driven into the counterbore to thread itself substantially therein, said spindle having an axial recess, a cylindrical insert mounted adjacent the mouth of said spindle recess, said spindle being driven into the recess of said member with the screw engaging and threading itself into the insert during the driving operation, said insert rotating to permit said threading action, and means for retaining said insert in place adjacent said mouth.

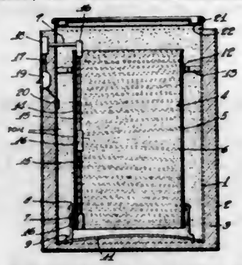
2,134,097
TYPEWRITING MACHINE
Henry Allen Avery and Joseph P. Barkdoll, Groton, N. Y., assignors to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y., a corporation of New York
Application January 29, 1938, Serial No. 187,611
16 Claims. (Cl. 197—138)



14. In a typewriting machine, the combination of a platen, a platen carrier, a paper bail pivoted on the carrier to permit retraction of the bail from the platen, and means connecting said bail and platen carrier and controlled by bail movement to positively stop bail retraction at different points.

2,134,098
STERILIZING APPARATUS AND METHOD
Harold J. Babcock, Cleveland Heights, Ohio
Application July 31, 1933, Serial No. 682,955
5 Claims. (Cl. 219—35)

2. An apparatus of the character described, having in combination a closed heat insulated container of substantially cylindrical form having side and bottom walls, a hollow cylindrical electrical heating element engaged within said container in spaced relation to the side and bottom walls thereof, and providing two substantially concentrically arranged areas, centrally of said container, to receive substantially separate



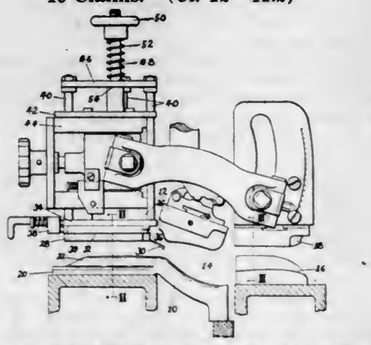
outer and inner masses of the material to be treated, said outer area being of somewhat greater capacity than said inner area, and the mass of material in said outer area serving to heat insulate the mass of material in said inner area and means for conducting current to said hollow cylindrical element.

2,134,099
FISHING REEL
William G. Balz, Kalamazoo, Mich., assignor to Shakespeare Company, Kalamazoo, Mich.
Application October 21, 1936, Serial No. 106,738
3 Claims. (Cl. 242—84.4)



2. The combination with a reel having a reversely threaded line guide carriage traversing shaft, of a line guide carriage slidable on said shaft and having a pawl socket, a pawl disposed in said socket and comprising a cylindrical body portion provided with a shaft engaging tang, a sleeve of non-ferrous metal on said cylindrical body portion of said pawl and constituting a bearing surface for said pawl in the wall of said socket, and releasable pawl retaining means.

2,134,100
SOLE MACHINE
William Neil Bray, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application June 22, 1937, Serial No. 149,710
In Great Britain July 7, 1936
19 Claims. (Cl. 12—41.2)



1. In a sole-shaping machine, a form, and means mounted for movement toward and away from said form for pressing a sole against said form, said means comprising a member shaped and arranged to engage a central portion of the sole, and a second member mounted to yield with respect to the first-mentioned member and arranged to operate on the marginal portion of the sole contiguous to said central portion.

2,134,101
REFRIGERATING APPARATUS
John C. Buchanan, Detroit, Mich., assignor to Borg-Warner Corporation, a corporation of Illinois
Application May 8, 1935, Serial No. 20,428
7 Claims. (Cl. 62—108.5)



1. An ice tray comprising a rectangularly shaped pan constructed of flexible material and integral external projections extending around each of the corners of said pan and disposed closer to the lower than to the upper edge thereof, each of said projections being provided with an opening therethrough, an integral shoulder extending along each of the longest sides of said pan externally thereof and between a pair of said projections, and a relatively rigid frame member extending through said opening and below said shoulders for supporting said pan intermediate the ends thereof, said frame member being separable from said shoulders so as to permit said pan to be flexed independently of flexure of said frame member.

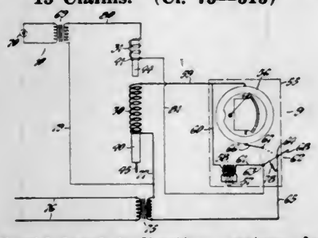
2,134,102
DEHYDROCHLORINATION OF 1,1,2-TRICHLORPROPANE
Oliver W. Cass, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application May 13, 1935, Serial No. 21,300
5 Claims. (Cl. 260—654)

1. A process of preparing 1,1-dichlorpropene-1 which comprises reacting 1,1,2 trichlorpropane with a basic compound of a metal of the group consisting of the alkali metals and the alkaline earth metals.

2,134,103
METHOD OF CONCENTRATING ORES
George L. Collord, Pittsburgh, Pa.
No Drawing. Application March 2, 1937, Serial No. 128,669
3 Claims. (Cl. 75—1)

1. The herein described method of concentrating ores of a muddy or plastic nature which contain undesirable amounts of hygroscopic water and of changing their form to that approaching the granular which comprises, intimately mixing with such ores an amount of Portland cement whereby the major portion of said hygroscopic water is absorbed by the cement, and permitting the water to evaporate from said cement at a temperature not materially in excess of 212° F., thus eliminating a substantial portion of said hygroscopic water and thereby effecting concentration of the ore, and whereby elimination of water and hardening of the cement causes the treated ore to assume a granular condition.

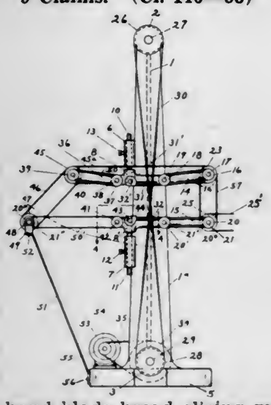
2,134,104
LIQUID LEVEL INDICATING DEVICE
Charles O. Cressy, Tiverton, R. I., assignor to Narragansett Products Corporation, Providence, R. I., a corporation of Rhode Island
Application April 21, 1936, Serial No. 75,594
13 Claims. (Cl. 73—313)



4. A liquid level indicating system for tanks comprising a tank, an electrical circuit including parallel branches, a reactance coil in each of the branches of the circuit, means for varying the reactance of each coil to alter the voltage in each branch of the circuit, means for operating the reactance varying means of the coils automatically in response to variations in the liquid level in the tank, and a vapor lamp in each branch of the circuit luminous only at a particular voltage to indicate a high or low level of the liquid.

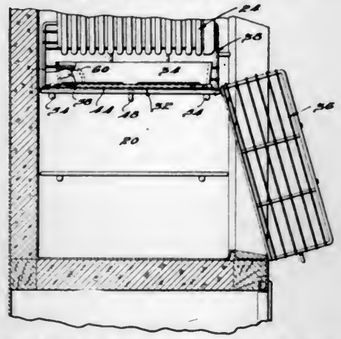
12. A remote controlled unit for indicating the liquid level in a tank comprising a box having means for connection in a circuit, a meter in said box, a neon lamp in the box, and a selective switch in said box for connecting either the meter or neon lamp in circuit.

2,134,105
BREAD SLICING MACHINE
Harry J. Criner, Davenport, Iowa, assignor of one-half to A. G. Bush, Davenport, Iowa
Application May 24, 1937, Serial No. 144,351
9 Claims. (Cl. 146—88)



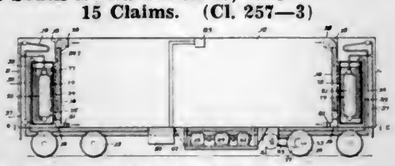
1. In a band-blade bread slicing machine the combination with a frame, of spaced cylindrical pulleys revolvably mounted upon the frame, a plurality of endless band-blades mounted upon the pulleys in figure 8 form, a pair of feed belts adjustably mounted upon the frame spaced to contact respectively the lower and upper surfaces of the loaves of bread as they advance to cutting position and to carry the bread forward with the middle of the respective loaves at the level of the crossing points of the blades, upper and lower guide assemblies for the blades corresponding in height to the feed belts and each comprising a transverse bar having a plurality of spaced fingers united thereto to space and guide the blades at equal distances above and below their crossing point, and unitary means to respectively adjust uniformly the height of each guide assembly and its corresponding feed belt simultaneously.

2,134,106
REFRIGERATING APPARATUS
Leonard H. Darbyshire and Oscar E. Norberg, Detroit, and Herbert Morley, Grosse Pointe, Mich., assignors to Borg-Warner Corporation, a corporation of Illinois
Application March 11, 1936, Serial No. 68,230
9 Claims. (Cl. 68—89)



7. In combination, a heat insulated compartment provided with means for cooling the same, a shelf in said compartment, a receptacle supported by said shelf and open at the top to afford access to the interior thereof, said receptacle being supported for sliding movement by said shelf from a position over said shelf to a position where said receptacle overhangs said shelf, and cooperating means provided on a rear portion of said receptacle and a front portion of said shelf providing a connection for supporting said receptacle when the same is tilted materially downwardly relative to said shelf, the front of said receptacle being constructed so as to support and retain provisions in said receptacle when the same is in a tilted position.

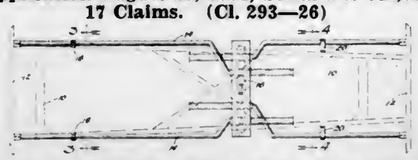
2,134,107
AIR CONDITIONING FOR VEHICLES
Arthur E. Dempsey, Jr., Council Bluffs, Iowa, assignor, by mesne assignments, to North American Car Corporation, Chicago, Ill., a corporation of Illinois
Original application December 3, 1932, Serial No. 645,552. Divided and this application November 8, 1934, Serial No. 752,034. In the Union of South Africa March 10, 1934
15 Claims. (Cl. 257—3)



2. In a temperature control for moving cars, the combination with heating means, of means to operate the heating means by means of power furnished by the movement of the car and selectively by means of power from an external source when the car is stationary, said heating means comprising a pair of sections adapted to be operated in parallel by the power furnished by the car movement and in series by the power furnished from the external source.

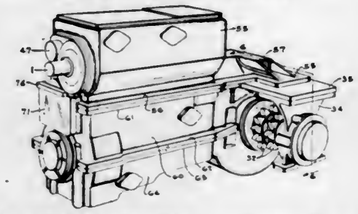
4. In a mechanical refrigerator car, an electric generator driven by the movement of the car, air-conditioning means, and means receiving power from the generator for actuating the air-conditioning means and including an electric motor, operable devices for controlling the conditioning means, and means adapted to be actuated from a source of power other than the generator and operatively connected to drive said motor as a generator to supply electrical power for actuating the operable devices when the generator is inactive as when the car is stationary.

2,134,108
BUMPING EXTENSION
Catherine Drude, Detroit, Mich.
Application August 25, 1934, Serial No. 741,361
17 Claims. (Cl. 293—26)



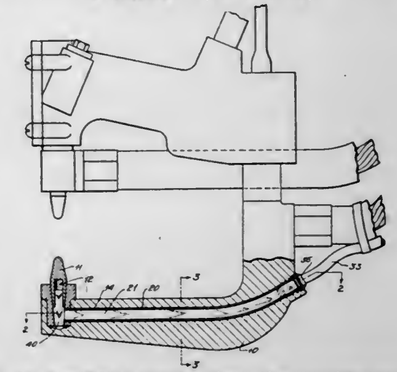
1. In combination with a vehicle, a bumper, a rack bar extending from said bumper and adapted upon reciprocation to extend and retract said bumper, a gear wheel operatively engaging said rack bar, a manually operable member operatively coupled with said gear wheel to rotate the same, said member being shiftably mounted and adapted in one position to rotate said gear wheel and in another position to lock the gear wheel against rotation.

2,134,109
GEAR TRANSMISSION
William F. Eckert, Ridley Park, Pa.
Application November 28, 1936, Serial No. 113,126
3 Claims. (Cl. 74—326)



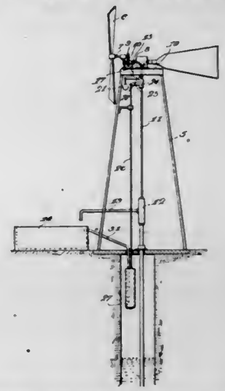
1. A gear transmission comprising, in combination, a driving shaft having a driving pinion, an intermediate shaft having an initially driven gear keyed thereto and meshing with said driving pinion, a pair of gears keyed to said intermediate shaft and located one on each side of said initially driven gear, a third shaft having gears freely journalled thereon and meshing respectively with said pair of gears, a clutch for alternatively connecting said freely journalled gears to said third shaft, a bevel pinion keyed to the end of said third shaft, a transverse jackshaft having a bevel gear meshing with said bevel pinion, an idler shaft having an idler gear freely journalled thereon, a reverse driving pinion on said main driving shaft meshing with said idler gear, and a gear secured to said intermediate shaft between said first pair of gears thereon and meshing with said idler gear whereby said gears which are secured to said intermediate shaft between said first set of gears thereon overlie the clutch for connecting the gears which are freely journalled on said third shaft.

2,134,110
FLUID CONDUIT
Meril L. Eckman, Cleveland, Ohio, assignor to American Coach and Body Company, Cleveland, Ohio, a corporation of Ohio
Application February 23, 1937, Serial No. 126,996
4 Claims. (Cl. 219—4)



1. In a welding mechanism, the combination of a frame, a welding electrode carried thereby, said frame having a single curved passageway extending therethrough and in communication with said electrode, a tube within said frame and frictionally engaging the walls of said passageway throughout its length, a relatively thin strip of material within the tube, the width of said strip being substantially equal to the internal diameter of the tube and the strip being bent in its own plane to form a plurality of substantially longitudinally extending unobstructed passageways each of which passageways are in communication with said electrode.

2,134,111
AUTOMATIC CONTROL MECHANISM FOR WINDMILL PUMPS
John B. Edgar, Lind, Wash.
Application September 24, 1937, Serial No. 165,592
1 Claim. (Cl. 103—23)



A control mechanism for windmill pumps including a windwheel and a pump having a rod operated

thereby, a reservoir for holding the water discharged by the pump, transmission gearing between the windwheel and pump rod, a lever for shifting said gearing into and out-of mesh, a counterbalanced arm carried by said lever normally holding said gearing in mesh, a sleeve slidably mounted on the pump rod having connection with one end of said arm, a cable connected at one end with said sleeve, a hollow container suspended from the lower end of said cable, and an overflow pipe extending from said reservoir having its discharge end extending through the top of said container and terminating near the bottom thereof for discharging water into said container whereby the container is caused to move downwardly and pull said cable to actuate said counterbalance arm, said container having drain openings in the bottom thereof.

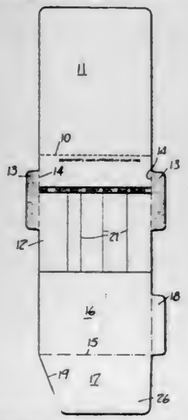
2,134,112

BOOKKEEPING DEVICE

Alexander Efron, New York, N. Y., assignor to Checkmaster Plan, Inc., New York, N. Y., a corporation of New York

Application October 22, 1937, Serial No. 170,328

15 Claims. (Cl. 283—1)



1. In a bookkeeping device, a pair of separably associated superposed sheets having duplicating means, the upper sheet having designations for constituting a ledger page, the under sheet having designations for constituting a statement of account, whereby entries made on the ledger page are duplicated upon the statement of account, and a pocket carried by the statement of account and adapted to accommodate the vouchers upon which said entries are based, whereby the ledger page and duplicating means may be removed from the assembly consisting only of the statement of account and the pocket for the vouchers appertaining to the entries thereon.

2,134,113

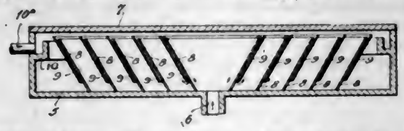
WATER PURIFICATION APPARATUS AND METHOD

Virgil Ehle, Gloversville, N. Y.

Application February 8, 1935, Serial No. 5,653

9 Claims. (Cl. 210—61)

1. Apparatus of the character described comprising, in combination, a relatively shallow casing; an inlet provided in the bottom of the casing; a frusto-conical wall whose axis substantially coincides with the inlet and which is located wholly within the casing with its smaller end in contact with the bottom of the casing; a second frusto-conical wall surrounding the first and



spaced above the bottom of the casing; and an outlet provided in the casing near the top thereof.

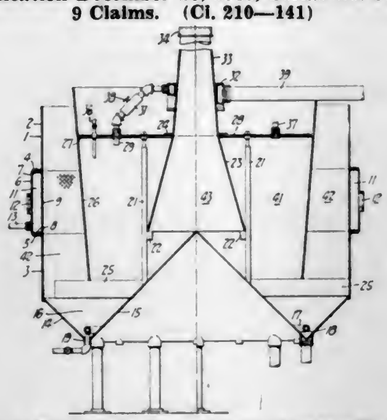
2,134,114

FILTER AND METHOD OF OPERATION

Roy D. Elliott, Oakland, Calif.

Application December 26, 1935, Serial No. 56,133

9 Claims. (Cl. 210—141)



1. A filter comprising: a pair of upwardly converging compartments having open upper ends; a downwardly converging compartment closed at its upper end and communicating at its lower end with the lower ends of said upwardly converging compartments; means for introducing filtrant to the upper end of said downwardly converging compartment and a filtrate outlet associated with one of said upwardly converging compartments.

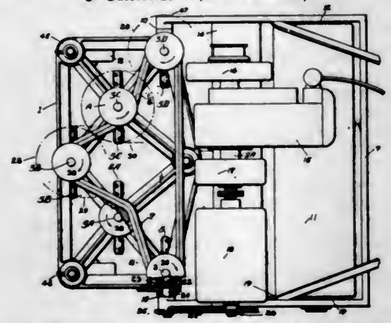
2,134,115

MULTIPLE ROTARY MOWER

Peter J. Flammang, Beech Grove, Ind.

Application December 2, 1935, Serial No. 52,455

6 Claims. (Cl. 56—25)



1. A mowing machine comprising a motor frame, a cutter frame pivoted to the motor frame, a series of vertical shafts mounted on the cutter frame, a disk cutter on the lower end of each shaft and overlapping the adjoining cutter in a line of travel of the machine, a motor carried by the motor frame, means operated by the motor for driving one of said cutter shafts, a pulley carried by the upper end of each cutter shaft and a single belt so engaging each of said pulleys to drive each adjoining cutter in opposite direction.

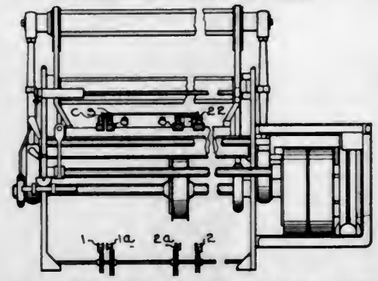
2,134,116

WORK-POSITIONING MEANS FOR BOX BLANK MACHINES

Edward M. Florcyk, Rockaway, N. J., assignor to Stapling Machines Co., a corporation of Delaware

Application January 21, 1936, Serial No. 60,027

3 Claims. (Cl. 198—131)



1. In a machine of the character described, means to position and feed cleats and sheets comprising a plurality of pairs of endless conveyors, each conveyor of each pair being provided with an arm and a shoulder to support and position one side of a cleat whereby a cleat placed between the conveyors of a pair will be positioned vertically and horizontally, and the conveyors of each pair being relatively adjustable laterally to accommodate cleats of different widths, and the pairs of conveyors being relatively adjustable laterally to accommodate sheets of different widths.

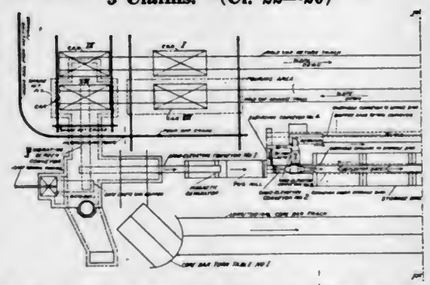
2,134,117

PLANT FOR AND METHOD OF MANUFACTURING METAL CASTINGS

Henry G. Floyd and William Lee Roueche, Birmingham, Ala., assignors to McWane Cast Iron Pipe Co., Birmingham, Ala.

Application December 2, 1936, Serial No. 113,911

5 Claims. (Cl. 22—20)



3. In a plant for the manufacture of metal castings, the combination of drag-molding means, core-supplying means, cope-molding means, pouring means, and shake-out means serially disposed substantially in line in the order specified; mold-advance transporting means extending substantially in a straight line in front of said molding means; flask-return transporting means extending substantially parallel to said mold-advance transporting means and on the side thereof opposite said molding means; sand handling means located in back of said molding means for receiving sand at the shake-out means and conveying it to the molding means mainly in a direction parallel to the line of extent of said molding, core-supplying, pouring, and shake-out means, said sand handling means including means for conditioning the sand en route to the molding means; and conveying means for transporting core bars from the shake-out means to a point adjacent said core-supplying means, said conveying means extending substantially parallel to the mold-advance transporting means and being located in back of said molding means.

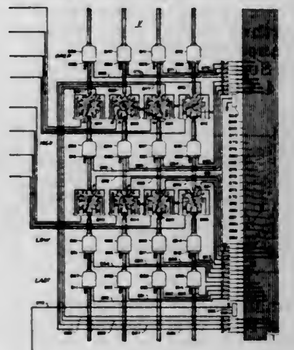
2,134,118

STOCK QUOTATION MONITORING AND AUTOMATIC SHELF SELECTION SYSTEM

Clifton T. Foss, New York, N. Y., assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware

Application December 31, 1930, Serial No. 505,782

20 Claims. (Cl. 177—353)



1. In a stock quotation system, a receiving board provided with an indicating mechanism for each stock, each mechanism having high and last shelves comprising a plurality of indicators and means settable by the indicators on the high shelf in accordance with a high price, a transmitter, selective means at said board controlled by said transmitter for storing impulses, in accordance with a predetermined quotation, to be subsequently utilized in setting the indicators on the last shelf of a particular indicating mechanism to display said quotation, price comparison means for comparing the settings of said settable means and said selective means to determine whether said predetermined quotation is a new high, means on said transmitter operable under control of said price comparison means, in response to the condition that said predetermined signal is a new high, for transmitting a high shelf selecting signal, and additional selective means at said board operable in response to said high shelf selecting signals to prepare the indicators on the high shelf of the particular mechanism to post said predetermined quotation.

2,134,119

METHOD OF MAKING CLOSING MEANS, ESPECIALLY FOR COLLAPSIBLE TUBES

Philipp Franz, Stockholm, Sweden, assignor to Aktiebolaget Svenska Kapsylfabriken, Stockholm, Sweden, a corporation of Sweden

Application April 25, 1935, Serial No. 18,229

In Sweden May 2, 1934

3 Claims. (Cl. 29—148.2)

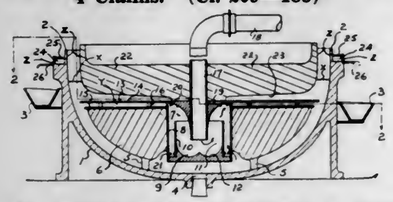
1. The method of making a collapsible tube having a ball closure valve, which consists in

making a tube provided with a thin-walled cylindrical neck portion separated from the interior of the tube by an apertured division wall, forming an opening in said cylindrical neck portion adjacent its upper edge, placing an apertured disc of elastic material on said transverse division wall, inserting a ball-shaped valve body provided



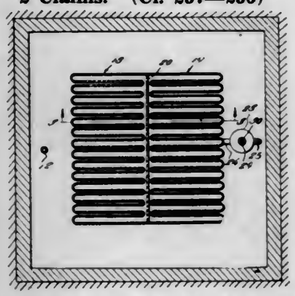
with a laterally extending handle into the cylindrical neck portion from the upper end thereof with the handle projecting through the opening in the neck portion, and turning the edge of said cylindrical neck portion inwardly so as to contact the valve body and urge the same against the elastic disc.

2,134,120
AMALGAMATOR
William Arthur Grant and Edward Freeman Roach, Vancouver, British Columbia, Canada
Application September 14, 1937, Serial No. 163,791
4 Claims. (Cl. 209—183)



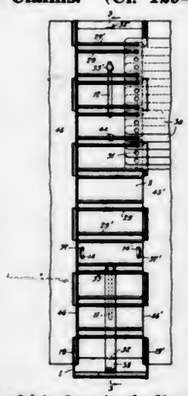
1. An amalgamator comprising a mercury bowl, a pulp feed pipe adapted to discharge below the mercury level in the bowl, a chamber within the bowl having vertical side walls and top and bottom walls, a cup mounted on the bottom wall, said cup surrounding the discharge end of the feed pipe, a pair of spaced horizontal plates adjacent the top and surrounding the chamber, said chamber walls having an orifice adjacent to the plates and communicating therebetween and an orifice adjacent the bottom wall and in communication with the base of the mercury bowl.

2,134,121
AIR CONDITIONING APPARATUS
Walter D. Harper, Florence, S. C.
Application August 13, 1936, Serial No. 95,885
2 Claims. (Cl. 257—256)



2. As a component part of an air conditioning structure of the class described, an air circulating radiator unit comprising a casing having a hood top to accommodate air inlet and return pipes, end walls and intervening side walls between the end walls, said side walls being corrugated to define a multiplicity of perpendicular spaced parallel hollow fins, said fins being disposed in distinguishable rows, and a central depending partitioning and baffle plate mounted in the casing, located between the rows of fins and dividing the casing into separate communicating chambers.

2,134,122
LOOSE LEAF SHIFT BINDER
Walter Easter Haskin, New York, N. Y., assignor to Pressed & Welded Steel Products Company, Inc., Long Island City, N. Y., a corporation of New York
Application February 28, 1936, Serial No. 66,170
22 Claims. (Cl. 129—9)



1. A loose leaf binder, including a rigid back, a fixed pivot carried by said back, a pair of concentric arcuate cam plates mounted at their common centers on said pivot, curved prongs operatively connected to the cam plates and concentric therewith, and means for moving the cam plates and prongs relative to each other.

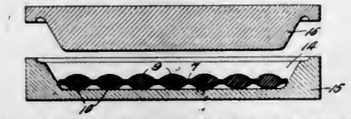
2,134,123
DOOR ARRANGEMENT
John L. Hearn, Upper Darby, Pa.
Application March 14, 1935, Serial No. 11,019
5 Claims. (Cl. 20—16)



1. A door construction comprising, in combination, an inclined wall having a doorway therein, a door therefor, pivotal supporting means forming an extended axis inclined the same as said wall and constituting the sole axis about

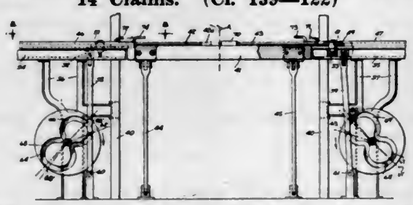
which the door swings, and means for effecting vertical bodily movement of said door solely along said extended axis during swinging of the door.

2,134,124
HARD RUBBER ARTICLE AND METHOD OF PRODUCING SAME
Walter Hiemann, New York, N. Y., assignor to American Hard Rubber Company, New York, N. Y., a corporation of New York
Application April 23, 1937, Serial No. 138,571
6 Claims. (Cl. 18—61)



1. As an article of manufacture, a molded, vulcanized, colored hard rubber compound containing arsenic sulphide, the surface of which is composed of a plurality of distinguishable areas, said areas presenting different shades of the color of the article depending on the angle from which the article is viewed.

2,134,125
LOOM
Carlton L. Hoff, York, Pa.
Application July 30, 1935, Serial No. 33,813
14 Claims. (Cl. 139—122)



10. In a loom, a pivoted batten, shuttle bars carried by the opposite ends thereof and movable toward and from its mid-point, a guide secured to each end of the batten, a yoke having a transverse slot slidable in each guide and connected to the respective shuttle bars, a block fixed adjacent each yoke and having a guide-way at right angles to the slot in the yoke, a pair of levers pivoted at their lower ends and having means at their upper ends slidable one in each of said guide-ways and engaging one in each yoke slot, said levers being mounted to swing in a plane at right angles to the plane of movement of the batten and below the batten, a pair of cams rotating in a plane parallel to the levers, and followers on the levers engaging the cams, whereby rotation of the cams will oscillate the levers and reciprocate the shuttle bars on the batten, each of said cams having a double race of unequal throws engaged by said followers, the short throw of each cam being a short angular distance ahead of the long throw of the other cam, whereby the reciprocations of the shuttle bars will be unequal and the short inward stroke of each bar will be completed prior to the completion of the long inward stroke of the other bar.

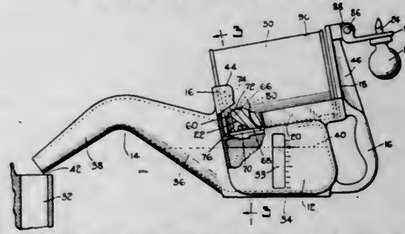
2,134,126
AIRCRAFT LANDING SYSTEM
Frederick J. Hooven, Dayton, Ohio
Application July 17, 1936, Serial No. 91,192
6 Claims. (Cl. 250—11)

1. In an aircraft landing system, means for establishing and maintaining an ultra-high frequency field of force above an aircraft landing area, comprising a plurality of ultra-high frequency doublet antennae, mutually inclined with respect to each other and radially assembled about a vertically extending central axis, a reflecting surface disposed behind all of said doublet



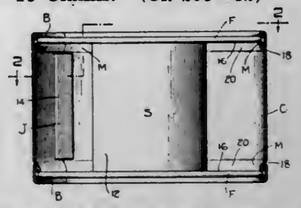
antennae, and means for exciting said doublet antennae in phase for radiating an ultra-high frequency field of force substantially in the shape of an inverted hollow cone having a prepatterned wall thickness and an inert central portion.

2,134,127
MEANS FOR DISPENSING LIQUID FROM SEALED METAL CANS
Arthur G. Hopkins, Maspeth, N. Y., assignor to McKeesport Tin Plate Corporation, a corporation of Delaware
Application May 27, 1933, Serial No. 673,157
19 Claims. (Cl. 221—23)



1. Means for dispensing liquid from sealed metal cans comprising a receptacle having a bottom wall and side walls around the entire periphery of said bottom wall, whereby said receptacle is open only at the top thereof, for temporarily receiving liquid discharged from the can, means for supporting the can above said receptacle at the open top thereof, a cutter for perforating the can to cause the contents to drain downwardly into the receptacle, and a spout leading from the receptacle.

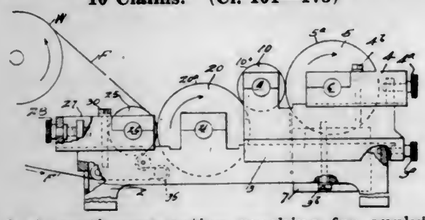
2,134,128
SPOOL COVER
Arthur G. Hopkins, Maspeth, N. Y., assignor to McKeesport Tin Plate Corporation, a corporation of Delaware
Application August 22, 1933, Serial No. 686,210
16 Claims. (Cl. 206—52)



15. A sheet metal tape spool cover comprising a single piece of sheet metal rolled up into cylindrical form and having a smooth cylindrical exterior, the meeting edges of the sheet metal being joined in a side seam disposed internally of the cover, and means on the inside of the cylindrical cover to engage and hold a spool the flanges of which have a radius smaller than the internal radius of the cover by an amount equal to or greater than the internal projection

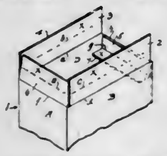
or thickness of the aforesaid side seam, said means being so designed that the spool may be moved through the cover in either direction and including edge beads turned inwardly at the ends of the cover, and additional means disposed inside said cover and axially within said edge beads and cooperating therewith to support and locate the spool.

2,134,129
PRINTING APPARATUS
Karl R. Hoyt, Los Angeles, Calif., assignor to Telco Corporation, a corporation of California
Application March 6, 1937, Serial No. 129,526
10 Claims. (Cl. 101—178)



1. A continuous action machine for applying a layer of color-effecting liquid to a face of motion picture film strip, having, in combination, a frame, a platen roller mounted on the frame, means for guiding and transversely adjusting a film to the platen, a rotary vehicle for a layer of the liquid, means including a relatively adjustable supply roller and an intermediate transfer roller adjustable as to and for continually building up a uniform layer of the liquid on the vehicle, and means for relatively adjusting the platen and the vehicle to secure the application of a uniform layer of the liquid to the presented film face and including a slide in which ends of the platen are journaled and which is bodily adjustable on the frame to adjust the platen face as to the rim of the said vehicle.

2,134,130
CONVERTIBLE SHIPPING CONTAINER
Hector Price Hughes, New London, Conn., assignor to Robert Gair Company, Inc., New York, N. Y., a corporation of Delaware
Application October 17, 1935, Serial No. 45,401
6 Claims. (Cl. 206—44)



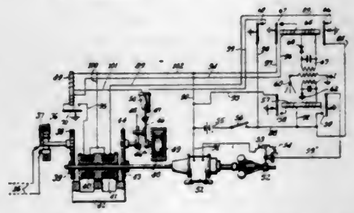
1. A display container made from rigid sheet material comprising a body having four walls and four top end hinged flaps, there being one flap on each wall, each flap having a portion turned inwardly and engaging the inner face of the associated wall; each portion having an extension, there being score lines between the said portions and their extensions, said extensions being turned into positions at right angles to said portions so as to provide a continuous inner ledge; said extensions including an under supporting member; and a goods supporting panel having its outer margins substantially resting on said ledge, said panel having in one of its margins a pair of slots which provide a medial end portion said latter portion being disposed below said under member.

2,134,131
ELECTRIC RECTIFIER
Erich Kipphan, Nuremberg, Germany, assignor to Suddentsche Apparate-Fabrik G. m. b. H., Nuremberg, Germany, a company
Application November 14, 1936, Serial No. 110,813
In Germany December 3, 1935
5 Claims. (Cl. 175—366)



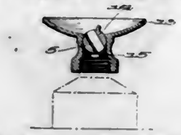
1. A dry rectifier element comprising a rectifying valve plate, a contact plate therefor, two supple metal foils between the said plates, said foils being in close physical contact with one another, and a lacquer coating over the entire outer surface of the rectifier element, the mutually contacting surfaces of said foils being free from lacquer.

2,134,132
METHOD AND SYSTEM FOR THE VERTICAL NAVIGATION OF BLIND LANDING AIRPLANES
Paul Eduard Köster, Berlin-Siemensstadt, Germany, assignor to Siemens Apparate und Maschinen G. m. b. H., Berlin, Germany, a corporation of Germany
Application May 16, 1935, Serial No. 21,791
In Germany May 19, 1934
9 Claims. (Cl. 177—352)



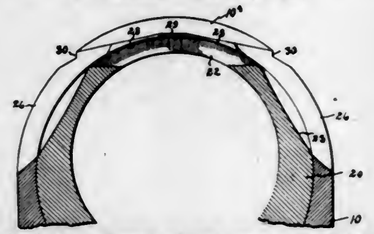
1. In a control system for vertically navigating a blind landing aircraft along a predetermined path, said system being operable in conjunction with two spaced, vertically directed, radio beams, the combination of radio controlled means for measuring the time of flight of said aircraft between said beams, means operable in accordance with the measurement taken by said first-named means for determining the instant at which the descent of said aircraft should begin after passing the second of said beams, means adapted to be set into operation by said last-named means for progressively indicating, during the descent of said aircraft, the altitude of said landing path at the intersection of the latter with a vertical line passing through the aircraft, and means for continuously indicating the altitude of the aircraft whereby the operative may manipulate the control surfaces of the aircraft to coordinate said altitude indications and thereby maintain the aircraft on said landing path.

2,134,133
MASSAGE DEVICE
Joseph N. Landau, New York, N. Y.
Application June 5, 1936, Serial No. 83,767
6 Claims. (Cl. 128—65)



1. A detachable cap for dispensing fluid from a container comprising a body member having a hollow bore, means at one end for attaching the body to a container, a massage device formed on the other extremity of the body member and communicating with said bore, said massage device comprising a depression formed by spaced ridge members, and a rotatable valve member located adjacent to the base portion of said ridge members and having a diametrical bore communicating directly with said depression for distributing fluid to said ridge members.

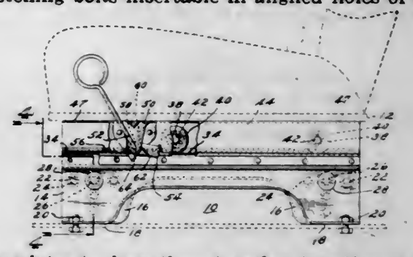
2,134,134
SHAVER
Harry Landsiedel, Wilton, Conn., assignor, by mesne assignments, to General Shaver Corporation, Bridgeport, Conn., a corporation of Delaware
Application January 30, 1937, Serial No. 123,162
8 Claims. (Cl. 30—43)



1. A shaving head of the type described comprising a pair of substantially cylindrical members, one mounted within the other, means for reciprocating the inner member, said inner member having a plurality of slots to form a plurality of bars, said outer member being likewise slotted to form a plurality of cooperating bars and said inner member having flat surfaces formed on each side contiguous to the ends of the slots therein.

2,134,135
ADJUSTABLE SEAT FOR VEHICLES
Emil B. G. Lefevre, Detroit, Mich.
Application August 23, 1937, Serial No. 160,434
9 Claims. (Cl. 155—90)

3. An adjustable support for automobile seats including, in combination, a flat metal plate of a length substantially equal to the width of the seat to be supported, a second flat metal plate of similar length, the opposite ends of said plates being deformed by die pressure to form circular bolt receiving holes and integral hollow projections on one side of each plate surrounding each hole thus formed, the holes at one end of the plates corresponding in arrangement and formation with those at the other end of the plates so that by movement of the plates relative to one another various combinations of aligned holes may be arranged, said hollow projections all extending from one side of each plate so that the plates may be brought into side-by-side relationship with the hollow projections on the outside surface of each plate, and externally threaded fastening bolts insertable in aligned holes of the



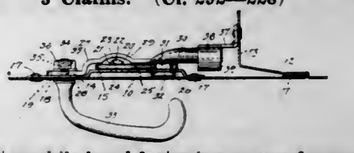
two plates to draw them together in self supporting relationship, certain of said projections being internally threaded so that the fastening bolts may be threaded thereto when inserted through aligned holes of the plates.

2,134,136
SPRAY OIL PENETRATION CONTROL
Frank F. Lindstaedt, Oakland, Calif.
No Drawing. Application May 31, 1935, Serial No. 24,359
8 Claims. (Cl. 167—28)

1. A parasiticidal spray composition comprising, a hydrocarbon oil, and a drying oil dissolved in said hydrocarbon oil in sufficient amount on being sprayed to form on the surface of the subject sprayed molecular aggregates for holding said hydrocarbon oil on said surface and against penetration in the subject.

8. An insecticidal spray oil composition comprising a mineral oil and a small quantity of an oil selected from the group consisting of blown fatty oils, boiled fatty oils and polymerized fatty oils.

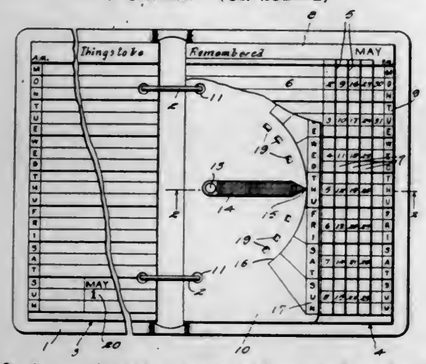
2,134,137
HOOD CATCH
Arthur Claud-Mantle, Trumbull, Conn., assignor to The Bassick Company, Bridgeport, Conn., a corporation of Connecticut
Application June 6, 1936, Serial No. 83,885
3 Claims. (Cl. 292—228)



1. Automobile hood fastening means for mounting upon a hood having a handle aperture and for engaging a keeper disposed upon a fixed part in relation to the hood comprising a mounting plate member having a handle bearing aperture and adapted to be secured to the interior of the hood, with said bearing aperture aligned with said hood aperture, said plate having an outwardly offset portion adapted to form with the interior surface of the hood a pocket, said portion having a slot therein, a catch lever having an aperture adapted to register with said bearing aperture of said plate member, a spring, means on said plate member adapted to secure one end of said spring, the other end of said spring engaging said catch lever, said catch lever having a portion engaged in said slot, said portion having a locking end adapted to pass through said slot in one position of said catch lever and to interlock therewith in another position, said portion

being disposed in said pocket in said last mentioned position, and a handle adapted to be engaged through said hood aperture rotatably engaging said bearing aperture and removably secured in said aperture of said catch lever.

2,134,138
MEMORANDUM BOOK
Clarence H. Manzler, Rochester, N. Y.
Application March 27, 1937, Serial No. 133,442
7 Claims. (Cl. 281—1)



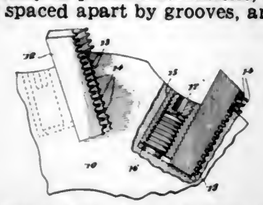
3. A combined memorandum and calendar book, comprising a plurality of groups of leaves, each group comprising a back leaf and a series of auxiliary leaves, the auxiliary leaves being of the same overall length but of progressively increasing width whereby each will have an exposed marginal area for the insertion of a day of the month notation, and the back leaf being of a width throughout its height greater than the widest auxiliary leaf to provide an exposed marginal portion and of an overall length greater than the group of auxiliary leaves to provide a top exposed portion, said auxiliary and back leaves each being transversely ruled to form a memorandum area, a place marker card adapted to be disposed between a pair of leaves and having an outer marginal area bearing day of the week notations each alined with a memorandum area of the adjacent leaf, and a shiftable pointer carried by the marker, the free end of which may be located to designate any one of the said day of the week notations.

2,134,139
PRESERVATION OF RUBBER
George D. Martin, Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 15, 1935, Serial No. 26,870
18 Claims. (Cl. 18—50)

1. The method of preserving rubber which comprises treating rubber with a product obtainable by reacting substantially one molecular proportion of a N, N′ diaryl phenylene diamine with not more than substantially two molecular proportions each of an aliphatic aldehyde and an alcohol in the presence of a condensing agent.

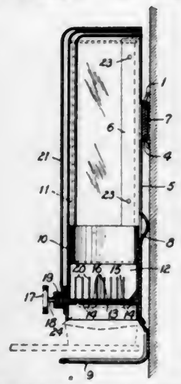
2,134,140
INSERTED CUTTER BLADE AND MOUNTING THEREFOR
Frank P. Miller, Meadville, Pa.
Application May 27, 1937, Serial No. 145,148
13 Claims. (Cl. 29—105)

1. A blade for inserted blade cutters, comprising a body having a face portion thereof formed with a plurality of parallel serrations, said serrations being spaced apart by grooves, and the ser-



rations having V-shaped crests providing sloping bearing faces merging with the sides of the grooves at obtuse angles.

2,134,141
POWDER DISPENSING DEVICE
Harold C. Moore, St. Louis, Mo., assignor of one-half to John J. Starr
Application May 18, 1936, Serial No. 80,310
Renewed March 10, 1938
4 Claims. (Cl. 221—66)

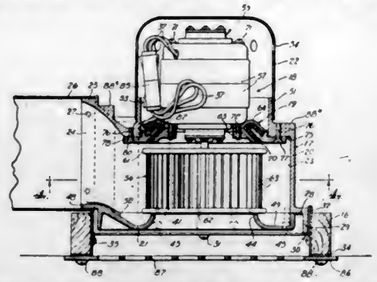


1. A powder dispensing device comprising a base part adapted and arranged to be supported on a wall, said base part having mounted thereon a hopper for powder, said hopper being arranged to receive a powder container and having an elongated path through which powder may flow therefrom, means for controlling the flow of powder from said hopper, and a hood detachably secured to said base part and arranged to conceal said hopper and said container.

2,134,142
VENTILATING APPARATUS
Andrew G. Orear, Glendale, Calif., assignor to Trade-Wind Motorfans, Inc., Los Angeles, Calif., a corporation of California
Application February 10, 1936, Serial No. 63,196
8 Claims. (Cl. 98—43)

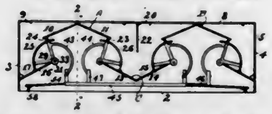
1. A ventilating means for installation in a building wall having an opening, the means comprising a casing having a chamber with a volutely curved side wall, the chamber having an open lower end forming an air inlet and having a lateral discharge opening, means for supporting the casing in said opening in the building wall to be entirely within the same and above the plane of the external surface of the wall, and a unit insertable in and removable through the lower end of the chamber, the unit including a centrifugal type blower wheel rotatable in the chamber and related to its volutely curved wall

to force air out through the outlet, and a motor above the blower wheel for driving the same, said



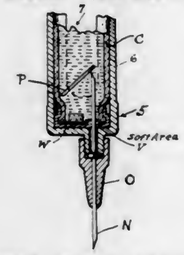
unit being entirely above the plane of the external surface of the wall.

2,134,143
VENTILATOR
Bertie Kenneth Paget, Cleveland, Ohio
Application March 17, 1937, Serial No. 131,365
3 Claims. (Cl. 98—42)



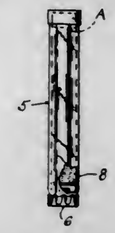
3. In a ventilator, the combination of a casing consisting of side and end plates a pair of panels near the top of the casing, a plurality of spaced panels near the bottom of the casing said panels extending from side to side of the casing, said panels near the bottom of the casing underlapping the said panels near the top of the casing and forming ventilating openings therewith, dampers for controlling said openings, a strip extending from side to side of the casing at the top thereof and centrally of said pair of panels near the top of the casing and a vertical plate depending from said strip to prevent rain from entering said openings.

2,134,144
HYPODERMIC SYRINGE
Douglas F. Pincock, Ogden, Utah
Application September 22, 1936, Serial No. 101,994
1 Claim. (Cl. 128—218)



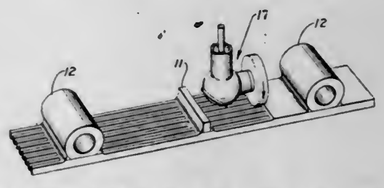
In a hypodermic syringe, a barrel having a bore substantially oval in transverse cross section, a head for the front end of said barrel having a neck extending forwardly therefrom in eccentric relation to the barrel and formed with a needle-receiving bore-opening into the bore of the barrel adjacent one end of the elongated axis of the transversely oval area thereof, a needle-holding clamp carried by said neck, an ampule snugly received in the bore of said barrel and oval in transverse cross section to conform to the transverse contour thereof, an oval cap for the forward end of said ampule formed adjacent one end with a weakened portion alined with the bore of said neck, and an oval partition extending transversely in said ampule adjacent the front end thereof to provide front and rear chambers, said partition fitting snugly within the ampule and adapted to be dislodged and tilted upwardly when a needle carried by said clamp is passed inwardly through the neck and the weakened portion of said cap and engages one end portion of the partition.

2,134,145
AMPULE
Douglas F. Pincock, Ogden, Utah
Application September 22, 1936, Serial No. 101,995
1 Claim. (Cl. 128—218)



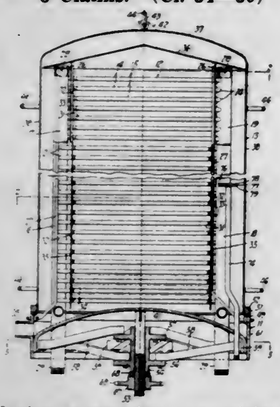
An ampule comprising a cylindrical body oval in cross section and having one end portion reduced to form a neck, a head for said body applied against the neck and having walls crimped about the neck to firmly hold the head in place thereon, said head being also of oval outline and adjacent one end being formed with a weakened portion adapted to be penetrated by a needle of a syringe, and a displaceable partition extending transversely in the body in spaced relation to the neck thereof and adapted to be tilted out of place when an end thereof is engaged by a needle passed into the body through the weakened portion of the head.

2,134,146
METHOD OF MAKING SCREEN PLATES
William Raisch, Forest Hills, N. Y., assignor to Municipal Sanitary Service Corporation, New York, N. Y., a corporation of New York
Application May 3, 1935, Serial No. 19,655
1 Claim. (Cl. 29—163.5)



The method of making a screen plate consisting over the major part of its area of a single set of integrally united parallel bars whose depth coincides with the thickness of the screen plate, which comprises cutting in one side of the plate parallel slots of a substantial length and of a depth greater than the final thickness of the plate and grinding off the material at the other face until the plate is reduced to its final thickness which is less than the depth of the original slots.

2,134,147
DRYING APPARATUS
James C. Rea, Oakland, Calif., assignor to Dry Fruit Products Company, Oakland, Calif., a corporation of California
Application March 5, 1936, Serial No. 67,193
3 Claims. (Cl. 34—30)



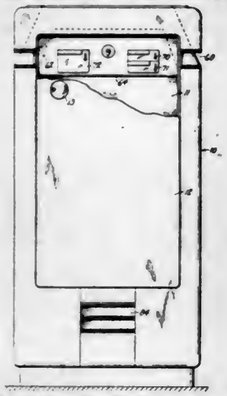
1. A drying apparatus comprising, a casing providing a drying chamber, heating means defining a tier of vertically spaced horizontal shelves for supporting material to be dried, means for withdrawing air and vapor from between said shelves, said heating means being arranged to provide a smaller transfer of heat to said material by conduction and radiation at the outer sides of said shelves than inwardly of said sides.

2,134,148
LASTING MACHINE
William Thomas Buckingham Roberts, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application November 9, 1936, Serial No. 109,828
In Great Britain November 20, 1935
76 Claims. (Cl. 12—4)



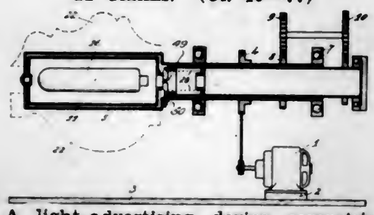
1. In a lasting machine, the combination with wipers for wiping the margin of an upper around an end of a shoe inwardly over the shoe bottom into lasted position, of a group of fastening-inserting devices arranged to insert fastenings all around the end of the shoe bottom to fasten the upper in lasted position, and means for moving said devices relatively to the wipers lengthwise of the shoe and for also moving some of them laterally of the shoe to position the several devices prior to the insertion of the fastenings.

2,134,149
REFRIGERATION
Eugene L. Schellens, Ridgewood, N. J., and William I. Hamby, Great Neck, N. Y., assignors to Servel, Inc., New York, N. Y., a corporation of Delaware
Application August 13, 1935, Serial No. 35,924
12 Claims. (Cl. 62—89)



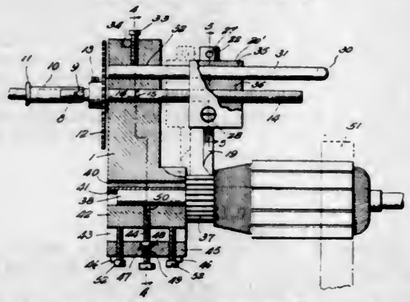
1. A refrigerator including a cabinet having thermally insulated top, bottom, and side walls forming a food storage compartment and a door affording access to said compartment, upper parts of said side walls being sloped inward on several sides of the cabinet forming a reduced upper portion of the food compartment, and refrigeration apparatus including a cooling element in said compartment and condenser parts located laterally on several sides with respect to said cooling element and in the spaces outside of said inward sloping wall parts substantially within the upward projected areas of the lower parts of said side walls.

2,134,150
LIGHT ADVERTISING DEVICE
Wilhelm Schmidt, Berlin-Schmargendorf, Germany, assignor to Hans Jürgen Mulert, New York, N. Y.; Erika Annemarie Mulert sole heir of said Hans Jürgen Mulert, deceased
Application February 29, 1936, Serial No. 66,479
In Germany March 1, 1935
11 Claims. (Cl. 40—77)



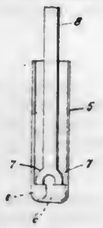
8. A light-advertising device comprising in combination a plurality of different patterns, means for rapidly and uninterruptedly rotating said patterns and means for successively illuminating said patterns during the rotation thereof for predetermined periods of time whereby different optical illusions according to the patterns employed will be successively brought into view.

2,134,151
COMMUTATOR DRESSER
Gustav Schoenfeld, Great Falls, Mont.
Application February 2, 1937, Serial No. 123,703
6 Claims. (Cl. 82—4)



1. A device of the character described comprising a body adapted to be mounted upon a motor shaft for turning movement about the shaft, a track detachably carried by the body and extending laterally from said body in position to be disposed in spaced parallel relation to the motor shaft and an armature carried thereby, a mounting shiftable along said track parallel to the shaft, a cutter carried by said mounting and adjustable radially of the armature whereby its cutting edge may be disposed in position to trim the armature as the body is swung about the motor shaft, and means journaled in said body for swinging the body about the shaft and shifting said mounting along said track to move the cutter along the armature during movement of the body and cutter about the shaft and armature.

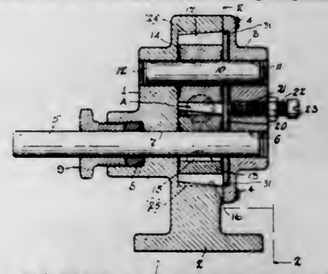
2,134,152
WOUND DRAIN-STRIP
Ludwig Schwarzmayr, San Francisco, Calif.
Application January 6, 1937, Serial No. 119,242
3 Claims. (Cl. 128—350)



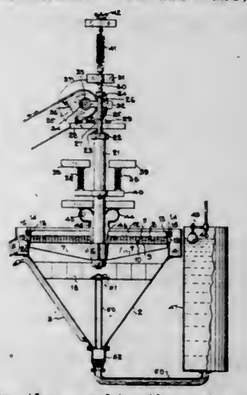
1. A wound drain-strip having a thin and flexible body to adapt itself to the contour of a wound, one side of said body having a pocket at one end thereof to engage the end of an inserting instrument, said pocket being relatively short and its outside wall adapting itself snugly to the side of said body after the removal of the inserting instrument to prevent its edge from abutting against the tissues of the wound when the drain-strip be removed therefrom.

2,134,153
GEAR PUMP
Ludwig Seyvertsen, Cleveland, Ohio, assignor of one-half to S. H. Johnston, Cleveland, Ohio
Application February 5, 1936, Serial No. 62,497
4 Claims. (Cl. 103—126)

1. In a gear pump, the combination of a housing member, axially parallel shafts journaled in said housing member, spur gears having conical teeth edge surfaces carried by said shafts and mutually interengaging, and interior walls in said housing adapted to contact the peripheral surface of said gears, a plate bearing against the larger radial faces of said gears, and means for urging said plate in an axial direction with respect to said gears.



2,134,154
ORE DRESSING JIG
Harold Hardy Smith, Parkview, Johannesburg, Union of South Africa, assignor of three-fourths to General Mining & Finance Corporation, Limited, Johannesburg, Union of South Africa
Application June 25, 1932, Serial No. 619,309. Renewed July 15, 1937. In the Union of South Africa July 27, 1931
6 Claims. (Cl. 209—425)

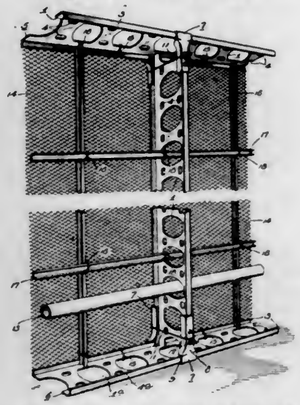


3. In a jig, the combination of a substantially horizontal, vertically reciprocable sieve carrying a mixture of material to be stratified thereon, means for passing liquid upwardly through said screen, and a head motion therefor comprising a rotating shaft, a pitman connected to the shaft for endwise reciprocation, a toggle disposed substantially transversely to said pitman and actuated thereby, said toggle comprising two links extending from opposite sides of the pitman, one of said links resting at its lower end on a stationary part and the outer end of the other link effecting the reciprocation of the sieve.

6. The process of concentrating ore and like granular material consisting in forming a jig bed with said material in a body of liquid, reciprocating the bed in said body of liquid and in each reciprocation moving said bed downward with a close approximation to constant acceleration from rest to a point beyond the mid-period of the downstroke stroke, at which it attains its maximum velocity, then suddenly retarding it and reversing it into the upstroke so that it

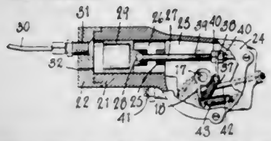
attains its maximum velocity at less than half the period of the upstroke, and then moving it with deceleration to the top of its stroke, the movement in each reciprocation being purely vertical.

2,134,155
HOLLOW PARTITION
Arthur V. Spinosa, Parkersburg, W. Va., assignor to Penn Metal Company, Inc., Parkersburg, W. Va., a corporation of Delaware
Application February 4, 1937, Serial No. 124,112
7 Claims. (Cl. 72—46)



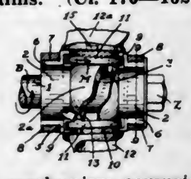
1. A hollow partition comprising a stud of channel form having in the web thereof a longitudinal series of openings, said openings affording at each longitudinal side edge of the channel an uncut web strip approximately ¾" in width, a channel in parallel spaced relation to said stud, said channel being in alignment with said uncut web strip and having a width approximately the same as said strip, and a transverse channel extending through one of said stud openings and being secured against a lateral edge of said opening and against the inner side of said channel, said transverse channel lying substantially parallel to a plane extending through the adjoining side edge of said stud and the outer edge of the said channel.

2,134,156
SPEED GOVERNOR FOR INTERNAL COMBUSTION ENGINES
James C. State and Robert A. Mairson, Kalamazoo, Mich., assignors of one-fourth to Irving W. Mairson and one-fourth to Neil Verburg, both of Kalamazoo, Mich.
Application October 1, 1937, Serial No. 166,852
16 Claims. (Cl. 123—103)



1. In combination with an internal combustion engine including a carburetor having a discharge passage and a manually controllable valve therein, a speed governing device associated with said engine comprising an adapter having a passage in alinement with said discharge passage, an auxiliary control valve in said adapter passage, an actuating arm for said auxiliary valve, a vacuum cylinder operatively mounted relative to said adapter, a plunger reciprocable in said cylinder and having a rod connected thereto, resilient means connecting said arm to said rod whereby upon reciprocation of the rod the auxiliary valve is actuated from fully open position to fully closed position and vice versa, means resiliently urging said auxiliary valve to open position, and stops determining the extent of movement of the arm, said cylinder being in communication with a source of vacuum varying with the engine speed whereby the plunger is caused to move in accordance with said variations, said cylinder having a vent therein to relieve the vacuum in the cylinder.

2,134,157
PROPELLER
Milton D. Thompson, Fairhaven, Mass.
Application August 9, 1937, Serial No. 158,049
7 Claims. (Cl. 170—162)



1. A propeller mechanism comprising in combination with a propeller shaft, a propeller-shaft hub fixedly secured to said shaft and having two peripheral, spiralling grooves therein extending partially therearound, one of said grooves having, for a predetermined distance from one end, a slight lead, a two-part casing enclosing said propeller-shaft hub, two bearings on opposite ends, respectively, of said casing in which said propeller-shaft hub is journalled and capable of restricted rotation therein, two circular flanges disposed on opposite sides, respectively, of said casing, a propeller blade, having a circumferential groove in its hub portion, rotatively mounted in each of said flanges, and a pintle on the hub of each of the propeller blades, the two pintles adapted to engage, respectively, the two grooves in said propeller-shaft hub.

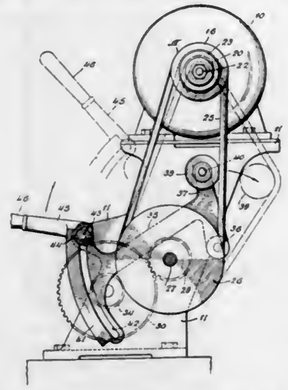
2,134,158
INSECTICIDAL OIL COMPOSITIONS
William Hunter Volck, Watsonville, Calif., assignor to California Spray-Chemical Corporation, Berkeley, Calif., a corporation of Delaware
No Drawing. Application February 13, 1935, Serial No. 6,391
9 Claims. (Cl. 167—43)

1. An emulsible insecticidal oil composition the emulsifying component of which is in solution in the oil and consists of less than 10%, relative to the oil, of petroleum sulfonic salts and an organic, oil-water interfacial tension depressant the molecules of which contain a nonpolar, oil-soluble, hydrocarbon part comprising a six-membered carbocyclic ring and a water-soluble part comprising a metal-free polar group attached to said ring.

2,134,159
VARIABLE SPEED DRIVE
George W. von Hofe, Bound Brook, N. J., assignor to New Jersey Machine Corporation, Hoboken, N. J., a corporation of New Jersey
Application September 4, 1937, Serial No. 162,432
1 Claim. (Cl. 74—230.17)

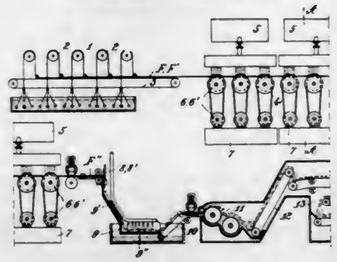
In a variable speed drive, the combination of a

support, a motor carried by said support in fixed position and including a driving shaft, a driving pulley consisting of a main section fixed on said driving shaft and an auxiliary section rotatable with said main section and axially movable relatively thereto, the opposed faces of said pulley sections co-operating to provide a variable belt groove, a spring whereby said auxiliary section is yieldingly urged toward said main section, a driven pulley journalled on said support, a belt connecting said driving and driven pulleys, a member pivoted on said support extending to a point between the runs of said belt, a belt idler



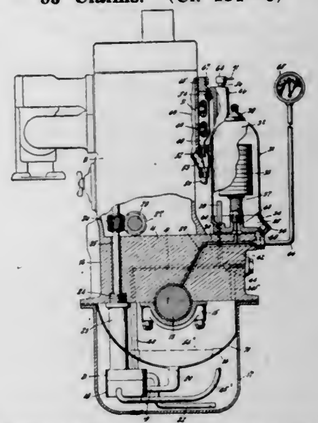
carried by said member inwardly of and in engaging relation to one run of said belt, a segment carried by said member and provided with an arcuate slot, a threaded pin on said support projecting through said slot, a handled operating member projecting from said segment whereby said pivoted member is operated to cause said belt idler to force said one run of the belt outwardly to displace the auxiliary section of said driving pulley and radially displace the belt in said belt groove, and a clamping nut threaded on said pin for fixing said segment and said belt idler in adjusted positions.

2,134,160
MANUFACTURE OF ARTIFICIAL STAPLE FIBERS
Oscar Freiherr von Kohorn zu Kornegg, Chemnitz, Germany
Application June 3, 1935, Serial No. 24,750
In Germany June 29, 1934
3 Claims. (Cl. 18—8)



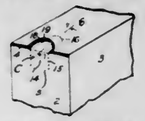
1. A continuous process for the manufacture of staple artificial fibers which comprises spinning continuous threads, subjecting said threads, whilst continuously running, to an after-treatment such as washing, bleaching and so forth with treating liquids and continuously cutting said threads while still moist with the after-treatment liquids to form staples.

2,134,161
LUBRICATING SYSTEM WITH TWO PUMPS
James B. Watson, Detroit, Mich., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application May 20, 1929, Serial No. 364,473
53 Claims. (Cl. 184—6)



1. In means for lubricating an engine comprising bearings within a crankcase: a splash pan below said crankcase; a high-pressure system comprising a filter and conduits leading therefrom to some of said bearings; a heat-exchanging chamber; a bubble-separating chamber; means for advancing a stream of oil and bubbles through said heat-exchanging chamber into said bubble-separating chamber; and means for advancing the separated oil from said last mentioned chamber into said high-pressure system.

2,134,162
POURING APERTURE CARTON
Arthur J. Weiss, River Edge Manor, N. J., assignor to Robert Gair Company, Inc., New York, N. Y., a corporation of Delaware
Application January 6, 1937, Serial No. 119,169
4 Claims. (Cl. 229—17)

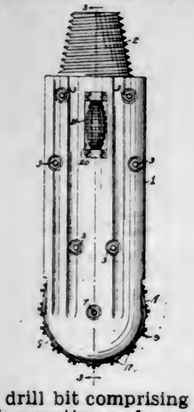


1. A carton comprising a front wall having thereon a flap forming an under end closure member, said wall and member having therein a tear out tuck to provide a pouring opening; said tuck having a base part in the wall and a free terminal and marginal part in said member, there being weakened lines on opposite sides of said parts and there being a cut extending from the ends of the lines around the terminal; and two side walls having thereon flaps forming upper members of the closure, said upper members having therein finger spaces which register above said marginal part, the contour of the space boundaries being such as to cover the said lines in the marginal part, said cut being then covered in sift proof relation by the flaps thereat.

2,134,163
METHOD OF PREPARING FISH LIVER OILS
Hartley A. Wentworth, Saint Andrews, New Brunswick, Canada
No Drawing. Application October 20, 1936, Serial No. 106,514
8 Claims. (Cl. 87—6)

6. In the art of extracting oil from fish livers, the method which includes the step of mixing finely disintegrated fish livers with an organic inert deliquescent pulp of cereal grain having a water absorbent and oil repellent capacity, said extraction taking place under substantially dry conditions and under a temperature condition not materially higher than that at which the oil will flow freely.

2,134,164
ROTATABLE DRILL BIT
Clinton B. Holt, Cotton Valley, La.
Application January 31, 1938, Serial No. 187,953
3 Claims. (Cl. 255—4)



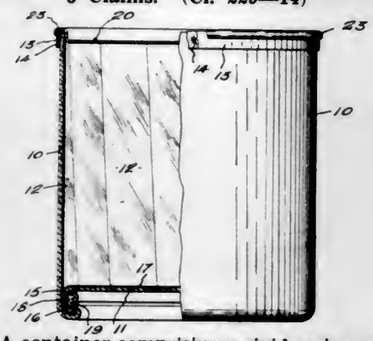
1. A rotary drill bit comprising a body including an attaching portion and a rounded work end and having a chamber in said end opening outwardly therethrough, said body having a second chamber and guide grooves connecting said chambers, a fluid actuated wheel journaled in the first chamber and including sprocket means, sprocket means journaled in the second chamber, and an endless cutting mechanism supported by said sprocket means and including a plurality of rotatable cutters movable outwardly of said body as they pass about the sprocket means of said fluid actuated wheel, and means for admitting fluid under pressure into the first chamber for driving the fluid actuated wheel and exhausting from said chamber through the cutting mechanism to remove cuttings therefrom.

2,134,165
PLANOGRAPHIC PRINTING PLATE
William B. Wescott, Dover, Mass., assignor to Addressograph-Multigraph Corporation, Wilmington, Del., a corporation of Delaware
Application April 3, 1936, Serial No. 72,597
4 Claims. (Cl. 41—41.5)



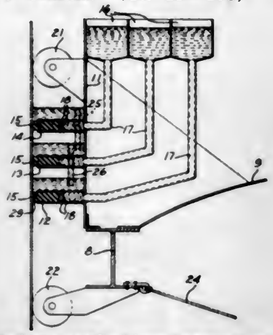
1. The method of making a planographic printing plate having a printing face of unified cellulosic material comprising the steps of directly impressing greasy image-forming material upon the face when substantially dry, integrating the material with the face and thoroughly dampening the face to render the non-image-forming areas hydrophilic.

2,134,166
CONTAINER
Isaac L. Wilcox, Fulton, N. Y., assignor to Oswego Falls Corporation, Fulton, N. Y., a corporation of New York
Application March 3, 1936, Serial No. 66,886
3 Claims. (Cl. 229—14)



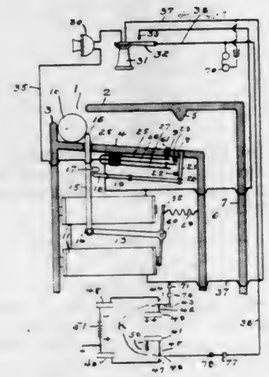
1. A container comprising a rigid casing, a bottom closure secured in one end of said casing, a bag of thin, flexible material, having the characteristic of expanding and contracting under varying atmospheric conditions, arranged in the casing with the open end of the bag attached to the top of the casing and the bottom of said bag resting upon said bottom closure, said bag being formed with integral bottom and side walls and being initially of greater length than the interior of said casing, the side wall of the bag adjacent the bottom end thereof being formed with an annular fold extending below said bottom closure and being yieldingly held between the inner wall of the casing and the periphery of the bottom closure, whereby the side wall of the bag is free to expand and contract axially of the casing without effecting relative movement between the bottom of the bag and the bottom closure, and a top closure secured to the top of the container.

2,134,167
WATERLESS GASHOLDER
Samuel Griffin Wise, Scarsdale, N. Y.
Application August 25, 1936, Serial No. 97,757
6 Claims. (Cl. 48—176)



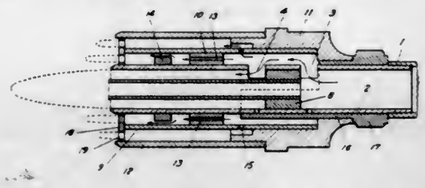
5. A waterless gasholder having a movable closure member, a seal therefor comprising an annular expansion member having parallel upper and lower faces, an expansion chamber having parallel walls in which said expansion member is freely movable, said expansion member having rearwardly extending tongues engaging the parallel walls of said chamber, and means for applying a uniform fluid pressure directly to the inner peripheral area of said expansion member.

2,134,168
PAY STATION
Joseph L. Wright, Forest Hills, Long Island, N. Y.; Ellen Hamilton Clegg Wright, executrix of said Joseph L. Wright, deceased, assignor to George A. Auer, Chicago, Ill.
Application April 14, 1933, Serial No. 666,134
8 Claims. (Cl. 179—6.3)



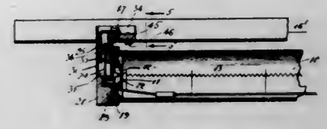
1. A telephone station provided with a coin-collecting device, an operator's position, an aperture in said coin-collecting device for the insertion of a coin and wherein it is held displayed for ready removal, means controlled at said operator's position for causing said coin to advance a certain position within said aperture to prevent its removal, and additional means controlled from said operator's position for causing said coin to advance still further within said aperture.

2,134,169
BLOWTORCH
Paul C. Wright, Bexley, Ohio
Application March 16, 1936, Serial No. 69,040
8 Claims. (Cl. 158—27.4)



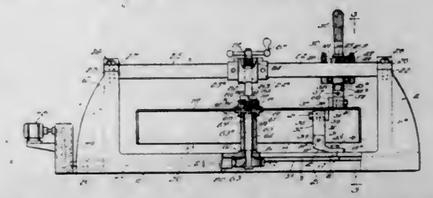
5. A blow torch comprising, a flame tube provided with sets of spaced ports, a jet tube coaxially disposed therein, spaced therefrom and communicating therewith, a bushing carried by said jet tube and closing the space between said tubes between said ports, means for simultaneously closing one set of said ports and opening another set, a tube concentrically disposed in spaced relation exteriorly of said flame tube and communicating therewith through the aforesaid ports, and provided with ports, a bushing securing said outer tube to said flame tube by frictional force fit, a head secured to said outer tube by frictional force fit, an imperforate cylindrical shell coaxially disposed in spaced relation exteriorly of said outer tube and communicating therewith through the ports in said outer tube, a pilot plate bridging the space between said flame tube and said outer tube and between said outer tube and said shell and means for supplying a fuel mixture to the aforesaid flange tube.

2,134,170
CONNECTER
Lawrence E. Brown, North Quincy, Mass., assignor to Leonard O. Erikson, Malden, Mass.
Application June 25, 1937, Serial No. 150,339
2 Claims. (Cl. 173—328)



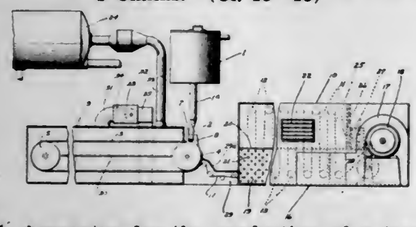
2. A connecter for a tubular electric lamp having at each end a metallic ferrule provided with a central depression and a filament connected therebetween, comprising in combination a contact cap of insulating material having a recess in one face thereof, a flat contact member disposed in said recess and provided with spring fingers extending therefrom and integral therewith, said spring fingers being disposed to enter the depression in one of said ferrules, a prong mechanically secured to said cap and electrically connected with said contact member said prong being substantially parallel with the plane of the inner face of said cap and not extending substantially beyond the perimeter thereof, a socket of insulating material provided with an opening extending therethrough and a groove in the top thereof, a contact clip in said opening, said clip comprising a pair of spring fingers disposed to receive said prong between them and terminating in a flange disposed in said groove, means securing said clip to said socket and a binding screw passing through said means.

2,134,171
CUTTING MACHINE
Leopold Brown, Chicago, Ill.
Application February 1, 1937, Serial No. 123,327
8 Claims. (Cl. 164—63)



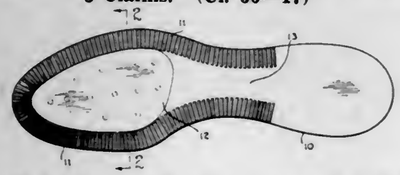
1. In a cutting machine of the class described comprising a rotatable supporting member, means for rotating said supporting member, a vertically movable and longitudinally rotatable clamp, a lower longitudinally movable cutting knife, a longitudinal shaft, an upper cutting member positioned on said shaft for longitudinal movement thereon independent of the movement of said lower cutting knife and for rocking movement about said shaft.

2,134,172
APPARATUS FOR MANUFACTURING RUBBER HYDROCHLORIDE FILMS
William C. Calvert, Chicago, Ill., assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
Application March 20, 1937, Serial No. 132,168
4 Claims. (Cl. 18—15)



1. Apparatus for the production of a transparent film of a rubber hydrochloride which comprises two drying chambers, two drums in the first chamber, a continuous belt passing over the drums, means for applying a solution of the rubber hydrochloride to the belt, a condenser, a vapor outlet from the first drying chamber connecting said chamber with the condenser, means for conveying the film from the belt to the second chamber and for passing gas from the second chamber to the first chamber in contact with said film, means for introducing filtered air into the second chamber and means in the second chamber for supporting the film to permit simultaneous evaporation of liquid from both sides of the film therein.

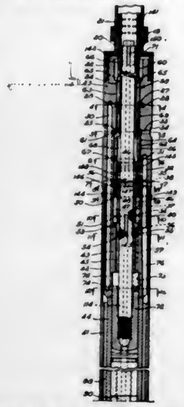
2,134,173
FOOTWEAR
Edwin Calvin, Akron, Ohio
Application April 21, 1937, Serial No. 138,203
3 Claims. (Cl. 36—17)



1. Footwear comprising an upper, a mid-sole and an out-sole, said mid-sole comprising a flexible, elastic, material having associated therewith a reinforcing sheet of comparatively stiff, semi-flexible material centrally thereof, said mid-sole being sewn to the upper and having a marginal portion extending outwardly thereof formed on its upper surface to simulate welting and being unreinforced, and said out-sole being sewn to the mid-sole through the marginal portion of the mid-sole about the upper.

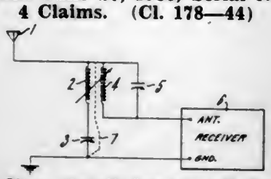
2,134,174
VALVE FOR FLUID-OPERATED MOTORS
Clarence J. Coberly, Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev., a corporation of Nevada
Application April 21, 1937, Serial No. 138,176
9 Claims. (Cl. 121—151)

1. A valve mechanism for a fluid motor of the character described having a piston operable in a cylinder and having a passage for supplying pressure fluid to an end of said cylinder, including: a valve member movable between primary and secondary positions to alternately open said passage at a point intermediate said primary and secondary positions; means for moving said valve between said primary and secondary positions; and means for slowing the movement of said



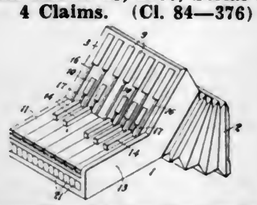
valve at a point at which said passage is initially opened and for accelerating the movement of said valve from said point to said primary and secondary positions.

2,134,175
WAVE FILTER
Leslie F. Curtis, Springfield, Mass., assignor to United American Bosch Corporation, Springfield, Mass., a corporation of New York
Application June 27, 1936, Serial No. 87,711
4 Claims. (Cl. 178—44)



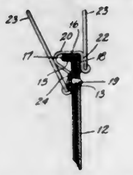
3. In a filter circuit for the attenuation of a predetermined frequency, a shunt impedance arm tuned to said frequency and having a residual voltage of said frequency across the terminals thereof, a series impedance arm tuned to said frequency and having a residual voltage of said frequency differing in phase from the residual voltage of said shunt impedance arm, and means for combining said residual voltages in one of said impedance arms, whereby they may be substantially eliminated.

2,134,176
ACCORDION
Ermoly Demianenko, New York, N. Y.
Application March 18, 1937, Serial No. 131,621
4 Claims. (Cl. 84—376)



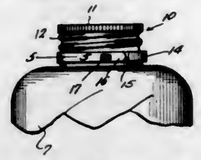
1. An accordion having the combination of a set of major scale reeds, a set of minor scale reeds, valves for said reeds, a bank of piano keys for said major scale reed valves, another bank of piano keys for said minor scale reed valves, a bar joining each of said keys with its respective valve, a longitudinally movable plunger rod for each of said keys located underneath it and parallel thereto, said rod being mounted in guiding means therefor, the operative forward terminal of said rod carrying a finger piece located at the forward terminal of its related major scale key, said finger pieces being arranged in chromatic scale order, and means to transmit the movement of said rod to the bar of its respective key.

2,134,177
DEVICE FOR HOLDING PERFORATED RECORDS IN SHINGLED RELATIONSHIP
Robert H. Ellis, St. Louis, Mo.
Application February 23, 1937, Serial No. 127,118
13 Claims. (Cl. 281—44)



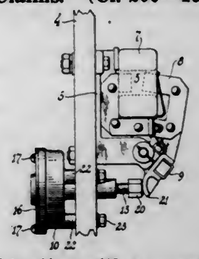
5. In a device for alining and securing perforated record sheets in a shingled relationship to expose marginal portions of the sheets, a backing member having a series of perforations registering with perforations in said sheets, and means for attaching the shingled sheets to the perforated backing member, said means comprising a yieldable device extending through registering perforations in said sheets and backing member, so as to detachably secure the shingled sheets to said perforated backing member, said yieldable device being provided with a member located beneath said backing member and a member extending over said backing member to engage the top of a group of the shingled sheets.

2,134,178
BOTTLE CAP
August E. Esposito, Brooklyn, N. Y.
Application August 24, 1937, Serial No. 160,709
2 Claims. (Cl. 215—7)



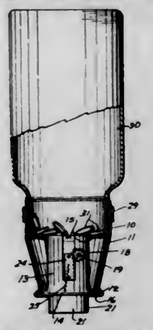
1. In a structure of the class described, in combination, a bottle including a neck having an endless annular serrated radially outstanding bead adjacent the body portion of the bottle said bead being rounded at its peripheral edge, the top of said bead constituting a shoulder and its rounded peripheral edge constituting a toothed rack, a cap fitted on said neck and including a straight portion embracing the neck, said straight portion having at its inner end a radially outstanding endless annular web, said web being apertured to render it frangible and resting in abutting contact on the shoulder portion of said bead, and an integral depending annular collar carried by the outer peripheral edge of said web and extending at right angles to the web, said collar completely surrounding the rack and being provided with an inbent resilient tongue constituting a detent, said detent having ratcheting engagement with the teeth in said rack.

2,134,179
ELECTRIC SWITCH
Clarence T. Evans, Wauwatosa, and Herbert E. Heller, West Allis, Wis., assignors to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application June 13, 1935, Serial No. 26,322
3 Claims. (Cl. 200—166)



1. The combination with a movable switch element biased to interrupt circuit, of a stop member normally positioned to abut said switch member upon biased movement thereof into a given limit, said stop member being movable out of normal position to permit overtravel of said switch element beyond said limit and being biased towards normal position to effect return of said switch element to said limit, and a dash pot associated with said stop member for retarding movement thereof out of and into normal position, said dash pot including a stationary cylinder having an enclosing wall on one end thereof and a piston within said cylinder fixed to said stop member and normaly located adjacent said enclosing wall.

2,134,180
PILL DISPENSING DEVICE
John B. Felber, Cleveland, Ohio
Application September 2, 1937, Serial No. 162,082
2 Claims. (Cl. 312—88)



1. A dispensing device comprising a receptacle having a discharging mouth, a shell attached thereto, a stationary cylinder within and secured to the shell and extending between the discharging mouth and the exterior of the shell, a shaft extending across the cylinder and having a pill dispensing member mounted thereon and located within the stationary cylinder, a gear wheel attached to the shaft adjacent the outer surface of the cylinder, a telescopingly mounted reciprocating cylinder within the stationary cylinder,

and having an end extending beyond the exterior end of the stationary cylinder, and a gear rack attached thereto, said gear wheel and gear rack cooperating upon reciprocation of the cylinder to operate the pill dispenser, said movable cylinder having opposed slots for the shaft, and said stationary cylinder having a slot for the gear rack, and a spring connected between the gear rack and the stationary cylinder.

2,134,181

METHOD OF PRODUCING METAL BONDED FRICTION MATERIAL

Harvey D. Geyer, Arthur H. Flower, and Dale M. Phillippi, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware

No Drawing. Application February 8, 1935, Serial No. 5,576
10 Claims. (Cl. 18—47.5)

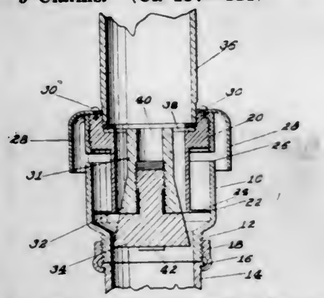
3. In the process of making friction elements for clutches and brakes, the steps which comprise mixing a mass of mineral fibres with a sufficient amount of lead in the form of finely divided and unfused particles in water suspension to coat the individual fibres with the lead, heating the coated fibres to a temperature sufficient to fuse the lead thereby binding the fibres, and forming the mixture of fibres and lead into friction elements for clutches and brakes.

2,134,182

UNITARY FLUSH VALVE CONNECTION

Joseph J. Goodrie, Chicago, Ill., assignor to Goodrie Cylent Flush Valve Co., Chicago, Ill., a corporation of Illinois

Application January 31, 1935, Serial No. 4,389
9 Claims. (Cl. 137—111)



7. A convertible flush connection for high or low water pressure systems, comprising a casing having air inlet ports, an inner casing, having no moving parts, provided with water inlet means and discharging below the air inlet ports, and a removable element insertable within the outer casing for high pressure and removable therefrom for low pressure.

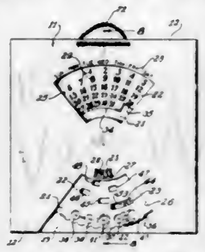
2,134,183

CALENDAR

James Grantham, Evanston, Ill., assignor of one-third to John F. Alexander and one-third to Harry A. Newby, Chicago, Ill.

Application January 31, 1936, Serial No. 61,770
8 Claims. (Cl. 40—115)

1. A calendar, comprising a backing support having a plurality of apertures therein, an indicating disk rotatably mounted on said backing support and having indicia on each surface thereof representing divisions of time, a second indicating disk rotatably mounted on said backing support and having indicia on its front surface representing days of the month and having a plurality of apertures therein, a shutter rotatably mounted on said backing support and having a plurality of apertures therein for cooperating with the apertures in said second disk for displaying selected indicia on the front surface of said first disk, and a cover secured to said backing support and having a plurality of apertures therein, said first disk being selectively



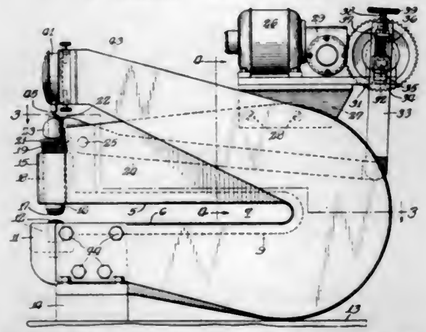
movable relative to said backing support to register a desired year with one of said apertures therein, said shutter being movable relative to said second disk to uncover only certain of said days of the month thereon, and said shutter and second disk being movable in unison relative to said first disk and said cover to display a selected month through the apertures therein, and to position said days of the month in one of the apertures in said cover properly referred to days of the week for that particular month.

2,134,184

SHEET MATERIAL GAUGING MACHINE

William J. Guyer, Chicago, Ill., assignor to Guyer Metal Products Corporation, Chicago, Ill., a corporation of Illinois

Application September 30, 1937, Serial No. 166,543
9 Claims. (Cl. 33—147)



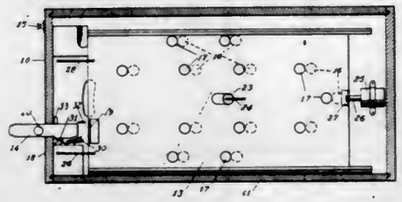
1. In a gauging machine, the combination of a body having opposed end portions, a stationary anvil and a movable anvil mounted in cooperative relation on the end portions respectively of said body, means mounted upon the end portion of the body on which the movable anvil is mounted for actuating said movable anvil, an indicator arranged to indicate movements of said movable anvil, and means unconnected with and spaced from the movable anvil supporting end portion of the body for supporting said indicator in fixed relation to said stationary anvil irrespective of movements of said last mentioned end portion relatively thereto.

2,134,185

GAME APPARATUS

Leslie M. Hansen, Chicago, Ill., assignor to Genco, Inc., Chicago, Ill., a corporation of Illinois

Application January 2, 1936, Serial No. 57,211
4 Claims. (Cl. 273—121)



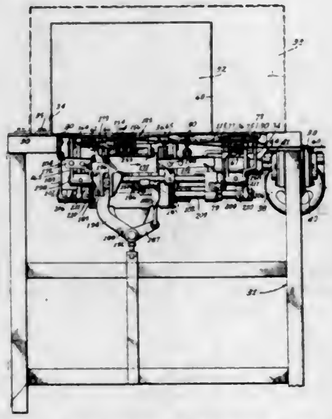
1. "Free-play" mechanism for use with game apparatus of the type having an apertured ball playing board and an apertured baffle movable back and forth below said board to hold and release balls played into the apertures in the board, a coin-freed manually operable control having a limited idle stroke freedom of movement and arranged to move said baffle into ball-releasing position when moved in full stroke operation, spring means normally holding said baffle in ball-retaining position, said "free-play" mechanism including electro-magnetic means for moving said baffle into ball-releasing position, switch means operable by a ball and arranged in circuit with said electro-magnetic means and a manually operable switch positioned for operation by said coin-freed control upon idle stroke movement of the same, said ball operated switch being positioned below said board closely adjacent a ball aperture thereof for operation by a ball played into said aperture substantially as described.

2,134,186

TYING MACHINE

Herbert Harvey, Los Angeles, Calif., assignor, by mesne assignments, to The Gerrard Company, Incorporated, Chicago, Ill., a corporation of Delaware

Application April 27, 1936, Serial No. 76,581
12 Claims. (Cl. 140—93)



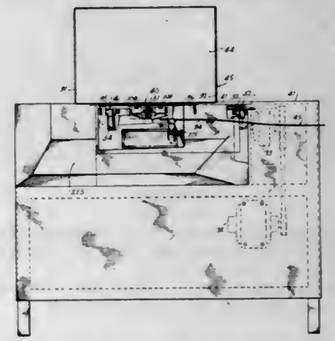
1. In a tying machine, a first gripper for gripping the free end of a tie wire, a second gripper spaced from the first gripper and operable for gripping the tie wire after being placed about an object to be tied, severing means positioned between the grippers, a threading device operable upon the completion of the severing operation for presenting the cut end of the wire to the first gripper, means for opening said grippers upon the completion of the severing operation, and means for causing the first gripper to close upon the wire end presented thereto by the threading device.

2,134,187

TYING MACHINE

Herbert Harvey, Los Angeles, Calif., assignor, by mesne assignments, to The Gerrard Company, Incorporated, Chicago, Ill., a corporation of Delaware

Application July 12, 1937, Serial No. 153,118
14 Claims. (Cl. 140—93)



1. In a tying machine threading device, a carriage having a predetermined path of travel, means operable for driving the carriage back and forth along its predetermined path of travel once during each operating cycle of the machine, a shuttle slidably carried by the carriage, means for sliding the shuttle back and forth through the carriage, a relatively fixed jaw carried by the shuttle, a relatively movable jaw carried by the shuttle, spring means for yieldingly maintaining said movable jaw in gripping relation with said fixed jaw, and means operable for actuating the movable jaw against the action of its spring means for retracting said jaw from the fixed jaw to receive or discharge the tie wire.

2,134,188

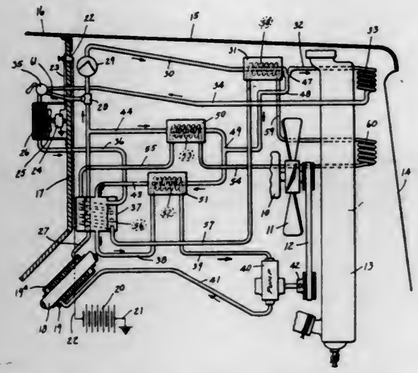
HEATING AND COOLING SYSTEM FOR SELF PROPELLED VEHICLES

Carl Haywood, Indianapolis, Ind.

Application October 19, 1936, Serial No. 106,312
Renewed April 8, 1938
12 Claims. (Cl. 257—7)

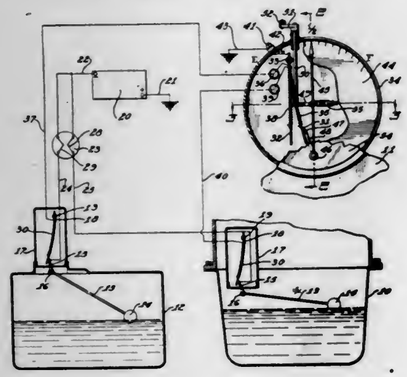
1. In a motor vehicle heating and cooling system, the combination with an engine providing a source of heat and a source of power for a temperature changing system, of a temperature changing system of the absorption type including a heat changing radiator, means for moving air in juxtaposition thereto, the temperature of which is to be changed, a pump operable by the engine, an absorption type system including a cooling system, a generator, a rectifier, an absorber, and a condenser, the generator being associated with the source of heat, the generator, rectifier and condenser being connected in series, the condenser discharging to the radiator, the pump being connected to the absorber and the generator, and valve means in the absorption system, and a by-pass between the generator and radiator around the rectifier and condenser, said

valve means selectively controlling the temperature changing medium in the temperature chang-



ing system to secure heating or cooling of the air as desired.

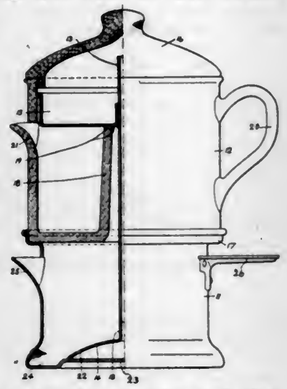
2,134,189
GAUGE
Hans Hierta, Dearborn, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application September 7, 1934, Serial No. 743,119
11 Claims. (Cl. 73—11)



1. In a gauge, the combination of mechanism movable in response to a fluid level, a second mechanism movable in response to another fluid level, indicator means arranged to be actuated by the movement of said mechanisms, and means engageable with said mechanisms, to hold either out of actuating relation with the indicator means.

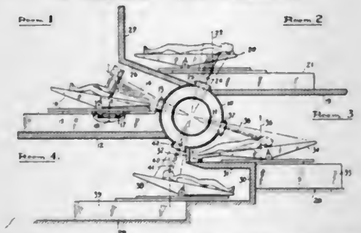
2,134,190
PERCOLATOR
Carl Holzwarth, Bronx, N. Y.
Application December 2, 1935, Serial No. 52,453
5 Claims. (Cl. 53—3)

1. A percolator comprising a boiler, a compartment receiving the percolate removably seated on top of said boiler, a riser resting upon the bottom of said boiler and extending into said compartment, a tube forming part of and arising in said compartment, and a filter slidably fitting into said compartment and over said riser and resting on top of said tube, said tube spacedly surrounding said riser so that steam may rise



from said boiler in said tube and play onto said filter.

2,134,191
X-RAY TREATMENT STRUCTURE
Arthur F. Jeans, Toronto, Ontario, Canada
Application April 24, 1937, Serial No. 138,720
7 Claims. (Cl. 250—34)

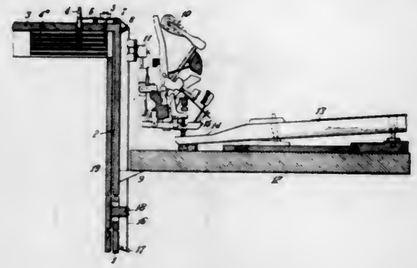


1. The combination in an X-ray treatment structure, of an impervious drum, a plurality of treatment rooms grouped about the drum and having dividing walls meeting the annular extent of the drum whereby a portion of the annular surface of the drum is exposed in each room, the floors of the rooms being disposed at different elevations and in overlying relation such that they relatively interfit about the drum within unobstructed target distance, an X-ray tube extending through the drum, and windows so arranged in the drum as to angularly project a beam into each room, and a treatment table supported in each room for rotation about a vertical axis coincident with the skin target distance for treatment of a patient.

2,134,192
PIANO
Louis C. Kauling, Kew Gardens, N. Y.
Application August 4, 1937, Serial No. 157,340
2 Claims. (Cl. 84—197)

1. An upright piano of about three feet in height comprising a piano plate having a vertical portion extending substantially the height of the piano, a horizontal portion extending from the upper end of the vertical portion, a grand piano tuning pin block supported against the under surface of said horizontal portion, tuning pins extending through said horizontal portion and into the pin block, a string supporting V-bar positioned on the vertical portion of the plate in substantially the same plane as the horizontal

portion, and strings extending substantially the length of the vertical portion over the V-bar and



closely adjacent the horizontal portion to the tuning pins.

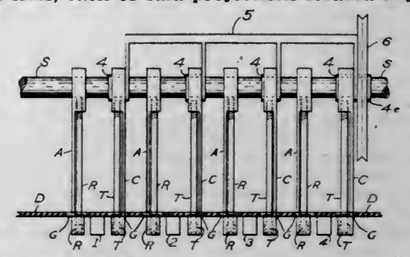
2,134,193
FLY SWATTER
Frank H. Klie, Paris, Ill.
Application July 7, 1937, Serial No. 152,330
3 Claims. (Cl. 43—137)



1. A fly swatter comprising a flap and an elongated handle consisting of a plurality of thin strips of flexible fibrous material secured to the flap and lying in contact with each other throughout most of their lengths therebeyond, and metallic fastening means loosely engaged in the contacting portions of the strips and joining them at two points only, one of which is adjacent the flap and the other near the free end of the handle, whereby the handle strips may slip longitudinally upon each other during use, said strips terminating in enlarged portions forming a grip of a width and shape to fit the palm of a user's hand.

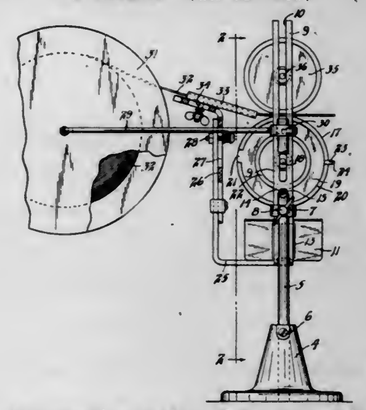
2,134,194
SEMIAUTOMATIC MEANS FOR POSITIONING CONTROL SHAFTS
Le Roy J. Leishman, Los Angeles, Calif.
Application June 19, 1937, Serial No. 149,246
7 Claims. (Cl. 74—10)

1. A combination including a plurality of arms adjustably mounted upon a shaft, each arm protruding through a slot in a flat member having projections arranged in a row at a right angle to said slots, each of said projections located adja-



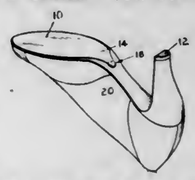
cent to a slot and having one dimension in common with said arms.

2,134,195
MEASURING AND MARKING DEVICE
John E. Martin, Minneapolis, Minn., assignor to Strutwear Knitting Company, Minneapolis, Minn., a corporation of Minnesota
Application July 15, 1937, Serial No. 153,744
2 Claims. (Cl. 33—189)



1. A measuring and marking device for strip fabrics and the like, comprising a measuring roller, a marking device upon and movable with said measuring roller, means for supplying a marking material to said marking device, an idler roller mounted above and resting upon said measuring roller, and means for guiding said strip fabric between said measuring and idler rollers.

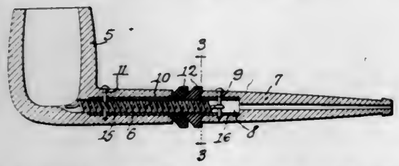
2,134,196
PROTECTIVE COVER FOR SHOES
Charles Miller, Long Island City, N. Y.; Ida Gordon Miller executrix of said Charles Miller, deceased
Application March 9, 1936, Serial No. 67,817
1 Claim. (Cl. 36—72)



A protective cover for shoe bottoms, said cover comprising a flexible sheet member shaped to conform to the tread-surface portion of the shoe

sole substantially coextensive with said surface and extending between the edges thereof from the toe of the shoe to a point at the shank of the shoe rearwardly of the ball line, said member comprising a backing sheet of suitable flexible material coated with an adhesive which is tacky under normal atmospheric conditions, said adhesive coated sheet being adherable a substantial number of times to said surface in such manner as to be firmly retained on said surface against displacement in its own plane but to be readily withdrawn from such surface by a stripping force applied at an angle to said surface, one end portion of said sheet being substantially narrower than the body portion thereof whereby to facilitate the separation of said end portion from said surface preliminary to the withdrawal of said member, said member having a laminated rear edge portion forming a pull tab to facilitate grasping of said sheet for stripping said cover from the shoe bottom.

2,134,197
SMOKING PIPE
Nickolaus F. Miller, Dwight, Ill.
Application February 18, 1937, Serial No. 126,470
2 Claims. (Cl. 131—225)



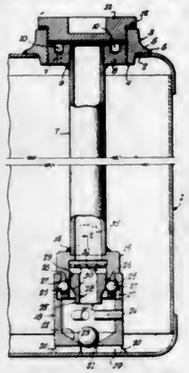
1. A smoker's pipe comprising a bowl section and a stem section, said sections having bores, tapered washers fitted together, the tapered end of one washer extending into the bore of the pipe section, and yieldable means connecting the sections.

2,134,198
LITHOPONE AND PROCESS OF MAKING SAME
Kenneth S. Mowlds, Baltimore, Md., assignor to The Glidden Company, Cleveland, Ohio, a corporation of Ohio
No Drawing. Application December 5, 1934, Serial No. 756,121
12 Claims. (Cl. 134—78)

1. A treated lithopone with improved gloss and flow imparting qualities comprising ordinary lithopone, and a very minor proportion of a proteid of the class consisting of glue, gelatine and casein distributed over the lithopone.

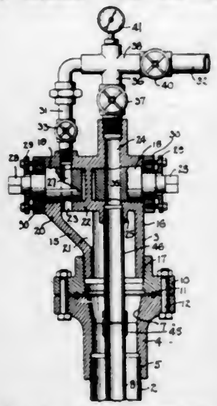
2,134,199
NONREFILLABLE BARREL
Howard L. Newton and Herman Merker, Milwaukee, Wis., assignors to Pressed Steel Tank Company, Milwaukee, Wis., a corporation of Wisconsin
Application July 11, 1936, Serial No. 90,109
12 Claims. (Cl. 220—86)

1. A non-refillable barrel comprising a container having an opening through which its contents may be dispensed, a conduit in said container, means for releasably connecting one end of the conduit to the margin of the opening, a valve casing within and secured to the container, a valve in said valve casing for preventing flow therethrough into the container while providing for flow of the contents of the container out through the valve casing, a connecting sleeve secured to the lower end of the conduit and interfitted with the valve casing, and a locking element for securing said connecting sleeve to said valve casing, means constraining the locking ele-



ment to move transversely with respect to the locking sleeve from locked to released position and vice versa; in combination with a special tool insertible through the pipe for manipulating said transversely shifting locking element.

2,134,200
PLUG VALVE CASING HEAD
Felix L. Pivoto, Liberty, Tex.
Application November 4, 1935, Serial No. 48,202
5 Claims. (Cl. 166—15)

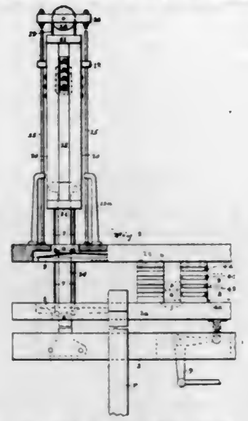


1. A well head closure including a housing, a partition across said housing closing the top thereof, a plurality of vertical passages through said partition, rotatable plug valves in said partition closing each passage, and a tubing suspended from said partition at one of said passages.

2,134,201
MARIONETTE FOR NARROW WARE LOOMS
Frank W. Preston, Paterson, N. J.
Application May 6, 1938, Serial No. 206,321
4 Claims. (Cl. 139—137)

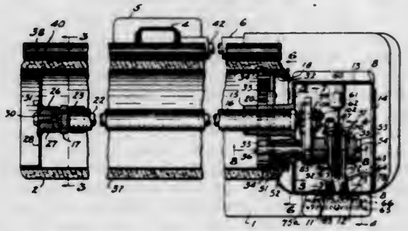
1. A marionette box for a four-way marionette having means to support two sets of four stick-pawl controllers respectively operatively adjacent to the two stick-groups of the marionette and with either all of the controllers of each set in the lowest of three superposed equidistant plans,

or with the odd-numbered controllers of each set in said plane and the even-numbered controllers of each set in the intermediate one of



said planes, or with the first and second controllers of each set in said lowest plane and the third and fourth controllers of each set in the highest of said planes.

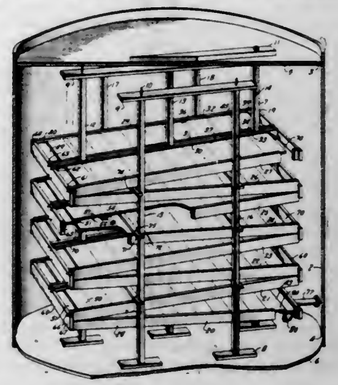
2,134,202
CLUTCH FOR IRONING MACHINE MECHANISM
John W. Racklyeft, Cleveland, Ohio, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application October 15, 1936, Serial No. 105,771
11 Claims. (Cl. 192—26)



1. A selectively disengageable friction clutch comprising driving and driven parts, a coil spring fixedly secured at one end to one of said parts and tensioned so as to frictionally engage the other of said parts, and stop means for releasing said spring from such frictional engagement, the unsecured end of said spring having resilient means connected thereto and engaged and initially tensioned by said stop means as a step prior to effecting any disengagement of the clutch.

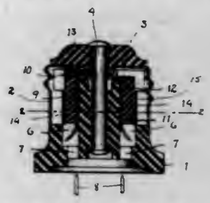
2,134,203
BAFFLE CONSTRUCTION
Gwynne Raymond and Lee E. Young, Oklahoma City, Okla., assignors to Black, Sivalls & Bryson, Inc., Oklahoma City, Okla., a corporation of Maine
Application April 25, 1936, Serial No. 76,484
11 Claims. (Cl. 210—47)

1. In an apparatus of the character described, an inverted tray-shaped baffle including end and side members, cross members arranged in edge to edge contact and spaced from the end members to form a flow outlet at one end and an expansion space at the opposite end of the baffle, means for movably supporting the ends of the cross members on the side members, a sealing member closing the expansion space and having sliding contact with the adjacent cross



member, a distributor member supported by the side members nearest the end of the baffle having the sealing member, and means for delivering a fluid for flow under the baffle toward said flow outlet.

2,134,204
ATTACHMENT PLUG BASE
Felix S. Regis, Chisholm, Minn.
Application January 26, 1935, Serial No. 3,586
2 Claims. (Cl. 173—343)



1. The combination with an electrical plug base having an axial body portion with opposed vertically disposed channels in opposite outer sides of said axial portion, of similar opposed channels lying in a plane mutually at right angles to that of said first mentioned channels, contact blades yieldably mounted within said last mentioned channels, laterally reciprocal insulating blocks within said channels and contacting said blades, and resilient means cooperatively held against rotation within said first mentioned channels and engaging said blocks for holding them tightly against said blades.

2,134,205
TAPPING APPARATUS
Harry W. Ribble, Niles Center, Ill., assignor, by mesne assignments, to Rapids Equipment Co. Inc., Cedar Rapids, Iowa, a corporation of Iowa
Application April 24, 1937, Serial No. 138,678
7 Claims. (Cl. 138—44)

1. A tap rod for conducting a beverage from a container comprising a hollow rod adapted to be inserted into said container and having a uniform internal diameter for a substantial portion of its length, a member of substantially uniform diameter disposed within said portion of said hollow rod and materially restricting the flow of

beverage through said rod, and means for fixedly supporting said member within said portion of



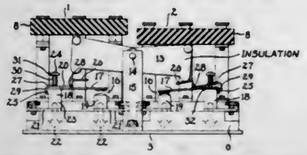
said rod, said means providing for removal of said member through one end of said rod.

2,134,206
PROCESS FOR THE FIXATION OF NITROGEN
Ovid E. Roberts, Jr., Washington, D. C.
No Drawing. Application May 1, 1935, Serial No. 19,329
8 Claims. (Cl. 204—31)

1. A process of nitrogen fixation including the step of subjecting a mixture of nitrogen and oxygen wherein the oxygen content of the mixture is less than 7½% to a high frequency brush discharge.

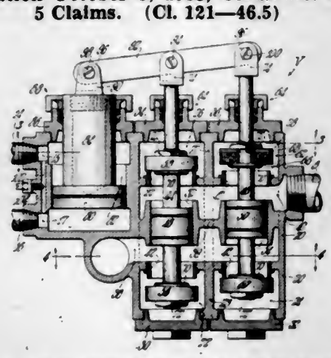
7. A process of nitrogen fixation which comprises, introducing a potentially reactive mixture of oxygen and nitrogen into a reaction zone, definitely limiting the oxygen of the mixture to less than substantially 7½ per cent., and effecting a reaction between the components of the mixture by irradiating the mixture in said zone with electromagnetic energy, such energy comprising essentially a ray group of from 1750 to 2250 angstroms.

2,134,207
ELECTRIC SWITCH
Frank J. Russell, Wauwatosa, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application June 22, 1936, Serial No. 86,545
4 Claims. (Cl. 200—153)



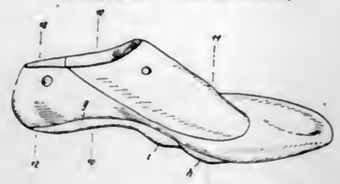
1. In a control switch, in combination, a rigid contact finger, a cooperating stationary contact located at one end thereof, a fixed support located at the opposite end of said finger and supporting said finger for rocking motion into and out of engagement with said stationary contact, a member having a part to lie against said finger, said member being supported by said finger for rocking movement relative thereto, resilient pressure means common to said finger and said member biasing said finger out of engagement with its cooperating stationary contact and pressing said member against said finger to normally hold the same in a given position with respect to said finger, and an operating element for moving said finger into engagement with its cooperating stationary contact by pressure exerted on said member at a point to cause said member to rock on said finger against the action of said resilient pressure means as movement of said operating element is continued after engagement of said finger with its cooperating stationary contact.

2,134,208
VALVE
Edwin R. Schofield, Philadelphia, Pa.
Application October 3, 1935, Serial No. 43,436
5 Claims. (Cl. 121—46.5)



1. A unitary reversing valve apparatus comprising in combination, a body having pairs of separate chambers, separate intermediate chambers and separate passageways, each pair of chambers including upper and lower chambers and the said passageways connecting each of the first-named chambers with an intermediate chamber, valve seats associated with said passageways, pairs of valves co-operating with said valve seats to open and close the passageways, a reciprocable rod associated with each pair of valves, journal means between the valves associated with each rod and said body, operating means for said rods, and connections therebetween and said rods arranged and adapted to reciprocate said rods in opposite directions, the said journal means including pistons carried by the rods reciprocable in bores provided in the body.

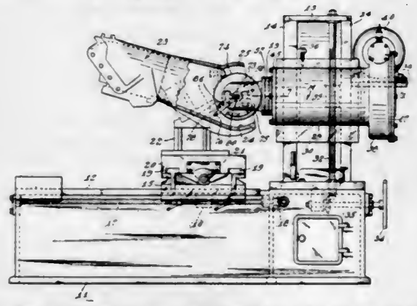
2,134,209
LAST FOR ORTHOPEDIC SHOES
Paul Schwenker, Altenburg, Thuringia, Germany
Application January 18, 1934, Serial No. 707,137
In Germany November 21, 1933
3 Claims. (Cl. 12—133)



1. A last for building a shoe thereon, and particularly the inner sole thereof, comprising, in combination, a level front portion, a substantially spherical heel portion rearwardly downwardly protruding from said level front portion and forming a firm heel bed for the heel of the foot,

said heel portion being asymmetrically convexly extended in forward direction so as to form in the inner sole and in the shoe a heel guide which permits rolling action of the foot during walking without lateral slipping, a short shank portion descending, in the line of extension of the asymmetrical front of the heel portion, on the outside sooner than on the inside to the plane of the front portion, a forwardly extending concavity in the shank portion rising only slightly from the heel bed and descending steeply towards the front portion, the front and lateral edges of said concavity forming the inner edges of two elevations on the last, one of said elevations corresponding to the root of the fifth metatarsal, and the other one corresponding farther in front to the ball of the great toe, said front portion being amply shaped in order to permit spreading of the transverse arch and flattening and curving of the longitudinal arch and curving of the toes during walking in a shoe formed on said last.

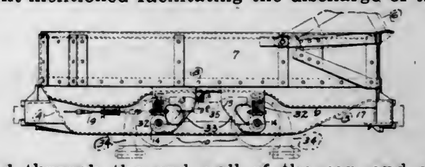
2,134,210
MACHINE FOR FINISHING SPHERICAL SURFACES
Allen C. Secor, Erie, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc. (1922), New York, N. Y., a corporation of Delaware
Application November 14, 1935, Serial No. 49,664
8 Claims. (Cl. 77—3)



1. In combination, a spindle mechanism of the character described comprising a housing provided with bearings adjacent its ends, a spindle rotatably mounted in said bearings and having one end bifurcated, a tool head pivotally supported by the forks of said spindle, mechanism for rotating the tool head including a gear mounted on the end of said spindle remote from said tool head, a case for said gear, a cover for said case provided with an aperture, a feed control pin for said aperture, gearing associated with said pin and said tool head including a star wheel pivotally mounted on the spindle within the gear case for automatically rotating said tool head about its pivot, and manually operable means extending exteriorly of said case arranged to rotate said tool head about its pivot independent of the rotation of said spindle.

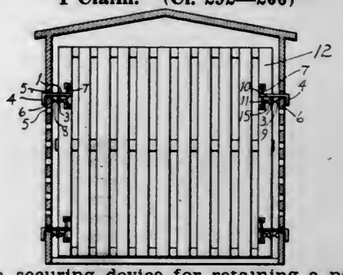
2,134,211
CAR STRUCTURE
William M. Sheehan, Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill., a corporation of Delaware
Application April 11, 1934, Serial No. 720,005
10 Claims. (Cl. 105—364)

1. In a car of the class described, a center floor inclined upwardly near one end of the car and longitudinal sill elements at the sides of said floor offset outwardly near said end and projecting downwardly from the inclined portion of said floor near said end, the floor and sill arrangement mentioned facilitating the discharge of the



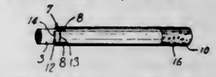
load through the end wall of the car, and sill elements converging towards each other from the end of said offset elements to better receive and distribute draft and buffing forces applied to the car near the longitudinal center line thereof.

2,134,212
PARTITION SECURING CLAMP
Mindy Sigurdson, Winnipeg, Manitoba, Canada
Application March 25, 1936, Serial No. 70,787
In Canada February 28, 1936
1 Claim. (Cl. 292—206)



In a securing device for retaining a partition in position between the walls of a railway stock car wherein the partition has a passage therein, a clamp comprising an elongated anchoring bracket secured to thee partition frame, a rigid, F-shaped member slidably carried by said bracket, the leg of the member having a laterally adjustable connection therewith, the head of the member being adapted to be passed through the partition passage for engaging the car wall in a direction outward from said bracket, and adjustable clamping means carried by the intermediate portion of the member and directed toward the head whereby the member may clamp the car wall between the head and adjustable clamping means to anchor the partition to the car wall.

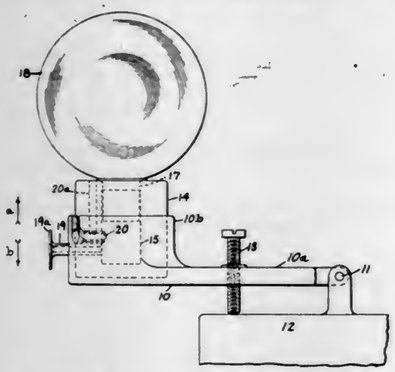
2,134,213
PROTECTIVE CIGARETTE HOLDER
Frank Skidmore, Oakland, Calif., assignor, by direct and mesne assignments, of one-third to Antonio G. Tassano, Oakland, Calif., and one-third to Richard O'Hara, Alameda, Calif.
Application June 30, 1932, Serial No. 620,237
Renewed May 25, 1936
8 Claims. (Cl. 131—186)



1. In an individual protective covering and holder for a cigarette, a sleeve tapered uniformly from one end to the other and having its opening at the larger and smaller ends of greater and lesser diameter respectively than the normal diameter of the cigarette, the portion of the

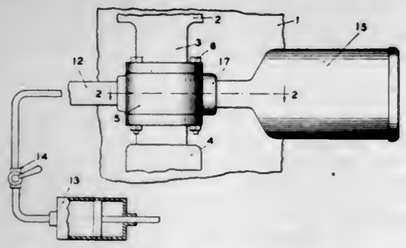
sleeve at and adjacent the smaller end being provided with slits extending longitudinally inwardly from said end, thereby rendering said smaller end resiliently expansible.

2,134,214
FLUID DRIP DISPENSER
Frederick W. Storck, Arlington, Mass., assignor to Standard Mailing Machines Company, Everett, Mass., a corporation of Massachusetts
Application February 17, 1936, Serial No. 64,214
6 Claims. (Cl. 221—148)



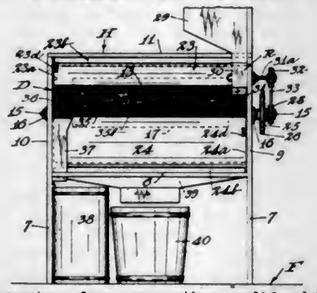
1. A variable drip dispenser for fluids comprising a chamber, a normally air-locked fluid supply for said chamber, an air vent in said chamber, a discharge outlet from said chamber and separate from said air vent, said air vent being located at a higher level than said discharge outlet and means for varying the effective pressure head to control the rate of discharge from the outlet.

2,134,215
MEANS FOR CONNECTING INTERNAL COMBUSTION ENGINES TO SUCTION MOTORS
Fred H. Stroup, Kirkwood, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a corporation of Delaware
Application April 26, 1937, Serial No. 138,890
6 Claims. (Cl. 60—60)



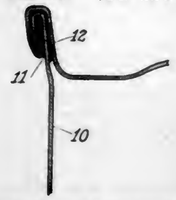
1. In apparatus of the class described, the combination of an intake manifold passage of an internal combustion engine, means forming a chamber surounding said passage, said chamber communicating with said passage by means of restricted openings through the wall thereof, a suction motor, a conduit for placing the motor in communication with the chamber, and an expansion chamber in constant communication with the chamber surrounding the manifold passage.

2,134,216
SEED GRADING AND CLEANING APPARATUS
Ole Sutter, Isanti, Minn.
Application August 22, 1936, Serial No. 97,407
3 Claims. (Cl. 209—45)



1. Apparatus for separating solid objects of differing specific gravities comprising, a reticulated element disposed and movable generally vertically, means for moving said element in a generally upward direction, means for moving air through the interstices of said element, and means for moving objects to be separated along a generally horizontal path extending past the windward side of said element closely adjacent and substantially parallel thereto whereby the lighter of said objects will be blown against and carried with said element and the heavier of said objects will continue in said path.

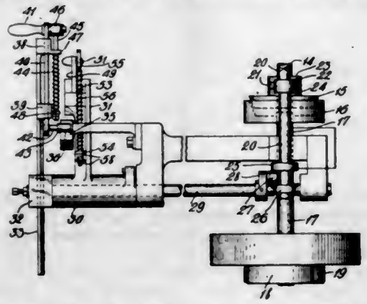
2,134,217
CONTAINER CLOSURE AND LINING COMPOSITION
Kenneth Tator, Cambridge, Mass., assignor to Dewey and Almy Chemical Company, North Cambridge, Mass., a corporation of Massachusetts
Application September 4, 1934, Serial No. 742,648
7 Claims. (Cl. 220—81)



1. A container closure having its joint portion provided with a sealing material deposited thereon comprising the dried residue of a water dispersion of unhydrated fibers normally hydratable but which fibers at the time of incorporation in said water dispersion are protected against hydration by a water impervious coating of a substance hydratable to a low degree.

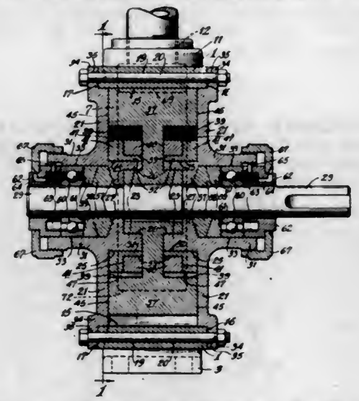
2,134,218
ONE-CYCLE CONTROL DEVICE
Lester Trapp, New York, N. Y.
Application July 13, 1937, Serial No. 153,377
10 Claims. (Cl. 192—131)

1. The combination of a cutter, a driven shaft operatively associated with said cutter, a drive shaft, means including a clutch for drivingly connecting said drive shaft with said driven shaft, a control for said clutch including an actuator operatively connected to said clutch, a lever operatively associated with said actuator, a manually operated handle slidably mounted on said lever, a locking device secured to said handle, a spring for normally distending said locking device, an abutment for positively obstructing the lateral movement of said locking device and handle when distended in its idle position, said spring being yieldable to enable said handle and therewith said locking device to be axially withdrawn to clear said abutment and position



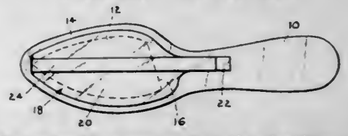
said handle for lateral movement and by such movement to actuate said lever to actuate said clutch to drivingly connect said driven shaft with said drive shaft, and a cam operatively associated with said driven shaft for returning said actuator into idle position of said cutter at the completion of a cycle of operation and in turn to return said lever and therefore said handle into locked position.

2,134,219
ROTARY PUMP
Edward W. Tilton, Oshkosh, Wis., assignor of one-half to Harry R. Kay, Winnetka, Ill.
Application December 18, 1936, Serial No. 116,457
2 Claims. (Cl. 103—144)



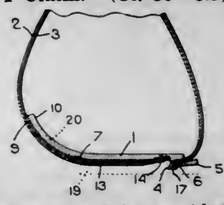
1. A rotary pump comprising a shaft, a body member supported on said shaft and having at each end thereof an annular recess arranged concentrically to the axis of the shaft, the outer portion of said member being provided with a plurality of cylindrical slots, said slots being open along the peripheral surface of said member, a cylindrical roller member disposed in each slot, each roller being provided with a longitudinal slot, a casing for said body member, a plate for closing each end of the casing, each plate being provided with an inwardly projecting boss positioned coaxially with respect to the axis of the casing, each boss having a circular opening therein positioned eccentric with respect to the axis of the casing, an impeller assemblage comprising a pair of impeller members respectively supported upon each boss for rotation about said axis, each pair comprising a male impeller member and a female impeller member, each impeller member comprising an impeller blade connected to an annular hub, the annular hub of each male member having a cylindrical bore adapted to engage over a respective boss with a journal fit, the hub of each female member fitting over the hub of a respective male member, said shaft being supported within the circular openings formed in said bosses, a pair of impeller members being positioned within each annular recess, each impeller blade being positioned within a respective longitudinal slot formed in a roller member and extending through a registering peripheral opening in an associated cylindrical slot.

2,134,220
PROTECTIVE COVER FOR SHOE LASTS
John H. Vegessy, Elmhurst, Long Island, N. Y., assignor to I. Miller & Sons, Inc., New York, N. Y., a corporation of New York
Application June 7, 1937, Serial No. 146,835
3 Claims. (Cl. 12—107)



1. A protective cover for the bottom of shoe lasts for use in the manufacture of cemented shoes in which there is utilized an insole having an opening in the forepart thereof, said cover comprising a body portion constructed and arranged to be interposed between the last bottom and the insole at the opening in the latter for covering said opening in order to prevent cement from contacting the last bottom, and an extension integral with said body portion at the forward end thereof and foldable over said body portion in position to be grasped, upon removal of the last from the shoe, facilitating stripping of the cover from the shoe.

2,134,221
ARCH SUPPORTING SHOE
Doris Franklin Walker, Gastonia, N. C.
Application September 11, 1937, Serial No. 163,402
1 Claim. (Cl. 36—8.5)



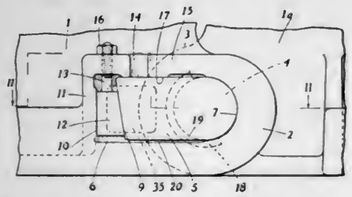
A shoe having an insole provided with an inseam-receiving rib having one end terminating at a point on the inner edge of the insole immediately back of the ball and extending from said point around the toe portion and along the outer edge of the shank, a metal arch-supporting shank member beneath the sole having its inner edge extending substantially to the inner edge of the insole at the shank portion and being of a width to extend from said inner edge across and beyond the median line of the insole, a welt coextensive in length with said inseam-receiving

rib, an upper having its edge secured to the inseam-receiving rib and to the welt throughout the entire extent of said rib, said upper having on its inner face an extension which extends across the insole and shank member and the edge of which is secured to the insole along the outer marginal portion thereof, and an outsole cemented to the exposed portion of the insole, the welt and said extension of the upper, said shoe being weltless on the inner side of the shank portion thereof for the full width of said upper extension and the insole being free from the upper along the weltless portion of the inside of the shoe.

2,134,222

CONNECTION FOR ENDLESS CHAIN MECHANISM

Floyd Martin Blanchard, London, England
Application May 15, 1937, Serial No. 142,901
In Great Britain October 13, 1936
13 Claims. (Cl. 37—191)

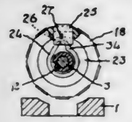


1. For use in a dredge bucket having a forward eye stock with a circular eye and a recess the periphery of which is constituted by upper and lower surfaces joined by one part-cylindrical end surface and one transverse plane end surface, the combination of a bucket pin locatable in said eye, an L-head on said pin adapted to lodge in said recess, a plane end surface on said head, and a locking wedge block adapted to engage between said plane end surfaces to urge said head into firm contact with said part-cylindrical surface.

2,134,223

NUMERICAL PRINTING DEVICE

Willem Gerhard Brill, Johannesburg, Transyaal, Union of South Africa
Application December 30, 1936, Serial No. 118,355
In Great Britain June 22, 1936
8 Claims. (Cl. 101—88)



1. For a printing machine, a numerical printing device comprising a series of rotatable numbering wheels representing units, tens, hundreds and so on; a member radially slidable on each numbering wheel and having thereon one of the terminal numbers of the series on said wheel; a tooth projecting from each member axially of said wheel; a series of fixed teeth projecting from each of said wheels and arranged for engagement by the tooth on the radially slidable member of an adjacent wheel; means for imparting step by step rotation to said units wheel; and means operative to actuate each slidable member radially of its wheel so that the tooth on such member is caused to engage one of the teeth on an adjacent wheel and rotate the latter.

2,134,224

CLASP FOR GARMENT SUPPORTERS AND THE LIKE

Marvin Brown, New York, N. Y.
Application August 4, 1937, Serial No. 157,405
1 Claim. (Cl. 24—248)

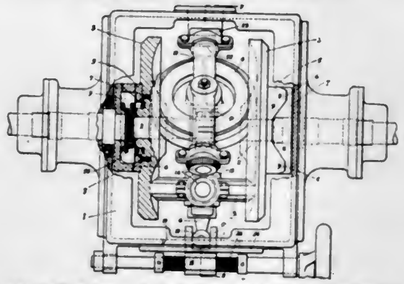


A clasp comprising a back plate having an upturned forwardly extending portion at its lower edge and a forwardly extending offset portion at its upper edge, said offset portion terminating in a bead having a cut-out portion intermediate the length thereof, a lever comprising a length of wire bent to form an upper closed loop, portions of which are disposed within the bead to pivotally connect said lever to the outer end of said offset portion of the back plate, and portions of which extend through the cut-out portion of said bead, said extending portions being disposed in parallel relation and terminating in a second closed loop, and a plate pivotally connected to said second closed loop, said extending portions and said closed loop and said plate constituting a toggle which, when in the straight position, is slightly greater in length than the normal distance between the bead and the inner surface of the upturned lower portion of the back plate, the pivotal connection between said lever and said plate lying adjacent the front face of the back plate and inwardly of a plane passing through said upturned lower edge and the bead at the outer end of the offset portion at the top of the back plate when the clasp is in clamping or gripping position.

2,134,225

VARIABLE SPEED FRICTION GEAR

Ejnar Christiansen, Birmingham, England
Application May 1, 1935, Serial No. 19,290
In Great Britain March 13, 1935
1 Claim. (Cl. 74—200)



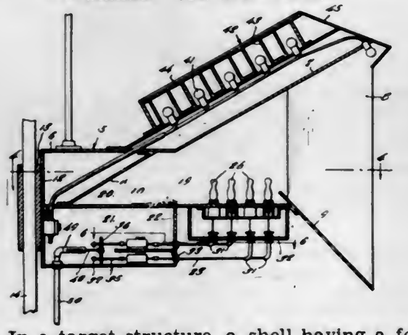
A variable speed friction gear of the type set forth comprising a frame for the intermediate tiltable friction rollers, an inner race ring of a roller carrier fixed to a shaft carrying a face friction disc, an outer race ring of the roller carrier on which the said frame is slidably mounted to be capable of an axial movement thereon and which outer race ring has an inner spherical bearing surface mounted on balls so that in addition to a rotating movement it is capable of a spherical

rocking movement, in order that the frame in any adjusted axial position can tilt to adjust all the intermediate rollers into adhesive contact with the face friction discs.

2,134,226

TARGET

Joseph Patrick Clark, Atlantic City, N. J.
Application June 16, 1937, Serial No. 148,567
4 Claims. (Cl. 273—102.2)

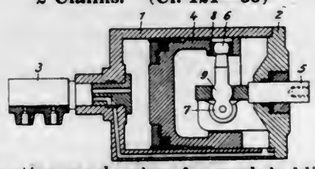


1. In a target structure, a shell having a forwardly inclined top, a target scoring indicating structure resting on the inclined top and facing rearwardly, and a mirror on the rear portion of the shell rising above the plane of the upper portion of the indicating structure and facing forwardly and in forwardly reflecting relation with respect to the indicating structure.

2,134,227

OPERATING MECHANISM FOR CHUCKS

Hermann Paul Max Forkardt, deceased, late of Dusseldorf-Oberkassel, Germany, by Lotte Forkardt, geb. Ippelsheim, legal representative, Dusseldorf-Oberkassel, Germany
Application May 20, 1936, Serial No. 80,792
In Germany May 24, 1935
2 Claims. (Cl. 121—38)



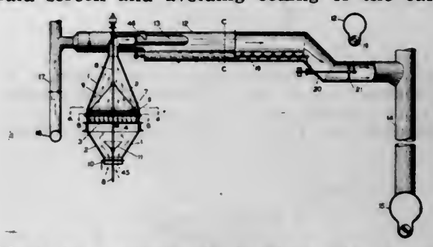
1. Operating mechanism for work holding jaws of machine tools comprising a cylinder, a piston within the cylinder, and means for actuating the piston by fluid pressure, a rod passing through the cylinder and connected to the piston to be reciprocated in the movement of the piston, the connection including a pair of parallel elements independently pivoted to a part of the cylinder within the piston skirt and both connected to the rod in the longitudinal axis of the cylinder, the pivots of the elements being on opposite sides of the axis, and the elements being connected at their outer ends to the inside of the skirt of the piston at diametrically opposite points of the skirt.

2,134,228

METHOD FOR PRODUCING CARBON BLACK

Cecil G. Keeton, Independence, Mo., assignor, by mesne assignments, to Danciger Oil & Refineries, Inc., Tulsa, Okla.
Application April 17, 1934, Serial No. 721,062
3 Claims. (Cl. 134—60)

1. A method of producing carbon black from hydrocarbon gases which comprises submitting said gases to a predetermined partial combustion in relatively close proximity to the underside of a suitable mesh screen, spaced above the point of ignition, whereby the ignited gases impinge on the underside of said screen to produce carbon black and deposit the same on said screen, maintaining a substantially uniform temperature on said screen and avoiding coking of the carbon

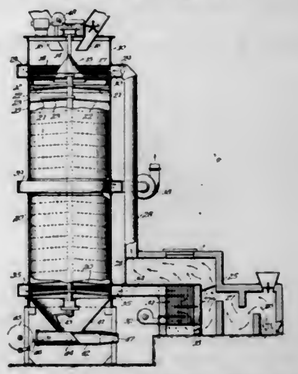


black by continuously brushing the deposited carbon black from the underside of said screen to present a relatively clean area on said screen for the continued production and deposition of carbon black, and simultaneously and continuously forcing the gases of combustion with the carbon black thus removed through said screen, then separating the carbon black from said gases, and collecting the separated carbon black.

2,134,229

APPARATUS FOR DRYING VEGETABLE FIBER SUCH AS BAGASSE AND THE LIKE

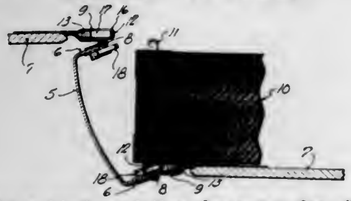
Gaston J. Lipscomb, Montclair, N. J.
Application October 20, 1934, Serial No. 749,258
1 Claim. (Cl. 34—23)



Apparatus for drying loose vegetable fibers such as bagasse, comprising a closed vertical casing, a vertical shaft rotatably mounted in said casing, a conical distributor connected to the upper end of the shaft, means for introducing fibers into the casing and upon said distributor, a plurality of reticulated tiers spaced throughout the length of the casing, means for progressively conveying the fiber material from one tier to the next lower tier, an auxiliary furnace, means for conveying hot flue gases of approximately 750° F. from said furnace and introducing them into the top of said chamber in contact with the fibrous material, a heat exchanger heated by said furnace, means for circulating drying air through said heat exchanger and introducing it at approximately 250°–400° F. into the opposite end of said chamber, and means for withdrawing said hot flue gases and said cooler drying air from said chamber at a point between

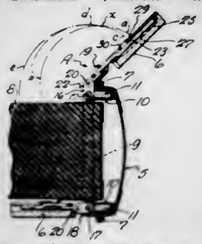
their points of introduction, the arrangement permitting a current of hot flue gases moving in the direction of travel of the fibrous material during the first operation of drying period, and a current of cooler drying air moving in a counter direction to the movement of the fibrous material during the latter portion of the drying period.

2,134,230
LOOSE LEAF BINDER
Adolph G. Lotter, Milwaukee, Wis., assignor to Stationers Loose Leaf Company, Milwaukee, Wis., a corporation of Wisconsin
Application December 9, 1937, Serial No. 178,956
12 Claims. (Cl. 129—24)



1. In a binder of the character described: a back; a cover hinged to the back; a binder post; a pintle bar slidable to and from engagement with the binder post; and means propelled by the cover during closure thereof for sliding the pintle bar into engagement with the binder post.

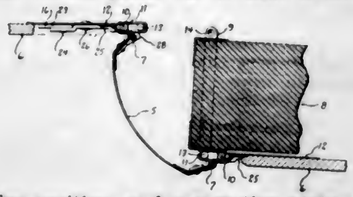
2,134,231
LOOSE LEAF BINDER
Adolph G. Lotter, Milwaukee, Wis., assignor to Stationers Loose Leaf Company, Milwaukee, Wis., a corporation of Wisconsin
Application December 9, 1937, Serial No. 178,957
13 Claims. (Cl. 129—24)



2. In a binder of the character described including, a back, a cover hinged thereto, and a binder post: means for detachably connecting the binder post with the back including a longitudinally slidable pintle bar; and means for sliding the pintle bar to its closed post engaging position upon closure of the cover comprising a pusher constrained to sliding motion and engageable with the pintle bar to move the same to its closed post engaging position; and a lever connected with the pusher and the cover and operable by the cover during closing motion thereof to actuate the pusher.

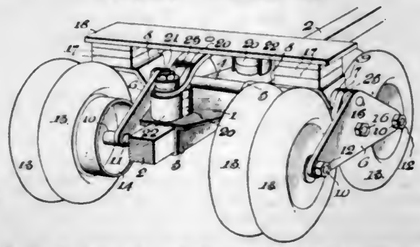
2,134,232
LOOSE LEAF BINDER
Adolph G. Lotter, Milwaukee, Wis., assignor to Stationers Loose Leaf Company, Milwaukee, Wis., a corporation of Wisconsin
Application May 19, 1938, Serial No. 208,785
9 Claims. (Cl. 129—24)

9. In a loose leaf binder of the character described: a back; a cover hinged to the back; a binder post; a pintle bar slidable to and from engagement with the binder post; a pivoted lever operable on the pintle bar to slide it into post



engaging position; and cooperating parts carried by the cover and the back engageable during closure of the cover and operable to propel said lever to slide the pintle bar to its post engaging position.

2,134,233
LOGGING TRAILER
Archie McKone, Vancouver, British Columbia, Canada, assignor to Pioneer Timber Co., Ltd., Vancouver, British Columbia, Canada
Application June 17, 1937, Serial No. 148,774
7 Claims. (Cl. 280—80)

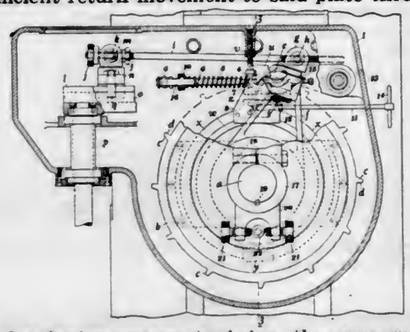


5. In a logging trailer of the kind described, the combination comprising, a springless wheeled chassis which includes a reach pole carrying base plate pivotally mounted on a horizontal shaft and means to support said shaft by the wheels of the chassis, an independently pivoted load-bearing bunk mounted above said base plate, and means resiliently supporting said bunk above said base plate.

2,134,234
INDEXING MECHANISM
Arthur Hitchcock Orcutt and Richard John Bullows, Birmingham, England, assignors to The Gear Grinding Company Limited, Birmingham, England
Application November 8, 1937, Serial No. 173,537
In Great Britain December 5, 1936
4 Claims. (Cl. 51—216)

1. Indexing mechanism for machine tools, comprising the combination of a rotatable indexing plate provided with abutment surfaces, an oscillatory actuating pawl adapted by engagement with said abutment surfaces to impart intermittent and unidirectional angular movements to said plate, a positioning pawl adapted by co-operation with said abutment surfaces to determine the stationary positions of said plate, a friction brake having interacting parts formed by a member rigid with said plate and gripping means carried by said member, and resilient means co-operating with said gripping means so that, during each of the angular movements imparted to said plate by said actuating pawl, said resilient means acquires energy which at the completion of each of said angular movements

of the plate is utilized to impart a small but sufficient return movement to said plate through



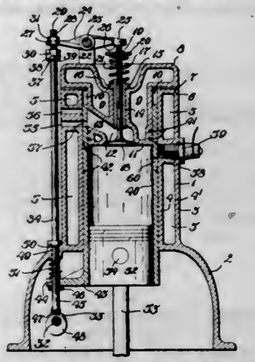
said gripping means to bring the appropriate abutment surface of said plate into contact with said positioning pawl.

2,134,235
PRODUCTION OF MOLDABLE COMPOSITIONS
Fritz Pollak, Vienna, Austria
No Drawing. Application July 7, 1937, Serial No. 152,420. In Austria May 8, 1937
2 Claims. (Cl. 260—69)

1. In a process for making condensation products by interacting urea and hexamethylenetetramine in aqueous solution in the absence of formaldehyde, in the presence of slight quantities of a catalyst and with heating for a prolonged period of time, said condensation products being capable of being worked up to molding powders by means of formaldehyde and a flux, the step of carrying out the interaction of the said constituents in the presence of a slight quantity of a catalyst selected from the group of acids and salts thereof, the acid radical of which yields water-insoluble salts, and of precipitating and filtering out from the said aqueous solution the catalyst and impurities present therein with the aid of reagents selected from the group consisting of the oxides and hydroxides of the bi- and trivalent metals forming water-insoluble salts with the impurities and the said acid radicals of the said acids and salts thereof.

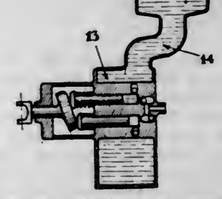
2,134,236
INTERNAL COMBUSTION ENGINE
Arthur L. Reeves, Caron, Saskatchewan, Canada
Application April 23, 1936, Serial No. 76,053
1 Claim. (Cl. 123—79)

Improvements in internal combustion engines comprising an engine cylinder, a cylindrical sleeve slidably mounted within said cylinder, a spark plug communicable with the interior of said sleeve, a cylinder head mounted upon said cylinder, a portion thereof being designed to depend into said cylinder, said depending portion being spaced from said cylinder to permit the passage of said sleeve between said dependent portion and said cylinder, a valve operating shaft operated in timed relation with the main crank shaft of the engine, a poppet valve in said cylinder head, a gas inlet and exhaust passageway extending from the periphery of said depending portion and opening against said sleeve valve, said cylinder being provided with intake and exhaust ports therein in alignment with the outer end of the inlet and exhaust passageway, said sleeve being provided with an aperture therein designed to move into alignment between said inlet port and passageway or said exhaust port and passageway during said selected intervals in the cycle of said engine, said sleeve valve being



actuated by an eccentric upon said valve operating shaft, said poppet valve being actuated through a push rod and a rocker arm, by a cam also upon said valve operating shaft.

2,134,237
PUMP FOR AIRCRAFT MACHINERY
Raymond Saulnier, Paris, France
Application November 24, 1936, Serial No. 112,576
In Belgium November 10, 1936
2 Claims. (Cl. 103—162)

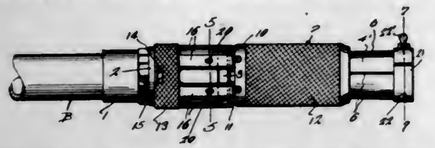


1. For use on an airplane, a pumping system which comprises, in combination, an oil reservoir including a main part, a special chamber, and a passage of large section interconnecting said main part and said chamber, a minimum amount of oil in said reservoir, a single action pump of the high pressure and short stroke type having inlet means opening directly into said chamber, the location of said inlet means in said chamber and said minimum amount of oil being so interrelated as to ensure the constant full immersion of said inlet means in said oil whatever be the position of said system, and inlet means to said main part of the reservoir adapted to permit of feeding it with oil while the pump is in operation, so as to maintain said minimum amount of oil in said reservoir.

2,134,238
VARIABLE CHOKE FOR SHOTGUNS
William H. Sedberry, Thompson Station, Tenn.
Application September 16, 1937, Serial No. 164,243
7 Claims. (Cl. 42—79)

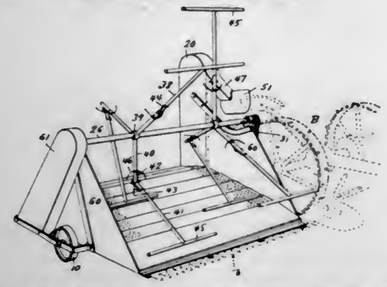
1. In a gun, a barrel, a contractible slitted cylindrical part at the outer end of the barrel, said

part being normally of an internal diameter the same as that of the barrel, a member for contracting said part to provide a choke, means for holding said member in retracted position out of



engagement with the contractible part, means for moving the member forwardly, means for releasing the holding means by the gases of an exploding charge passing through the barrel.

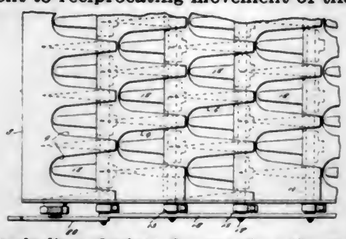
2,134,239
SEED SAVING ATTACHMENT FOR MOWING MACHINES
Floyd Sells, Monroe, N. C.
Application August 9, 1937, Serial No. 158,223
2 Claims. (Cl. 56—220)



2. In a device of the class described, a beater reel comprising a shaft, beater arms carried by the shaft and radiating therefrom, each arm including an inner section having one end connected with the shaft and an outer section having its inner end pivoted to the outer end of the inner section, a sleeve on the outer end of each inner section having an outwardly extending projection thereon engaging the inner end of the outer section and preventing said outer section from moving forwardly from an aligned position with the inner section and permitting the outer section to move rearwardly on its pivot and spring means carried by the inner section and engaging the outer section for normally holding the outer section against said projection of the sleeve and in alignment with the inner section.

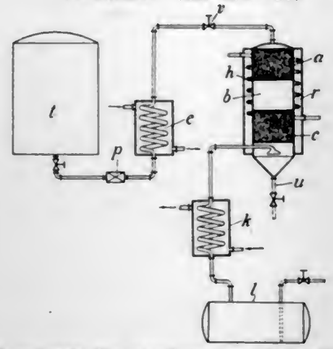
2,134,240
SHAKER SCREEN
Seth P. Sowder, Hardburly, Ky.
Application January 30, 1937, Serial No. 123,257
2 Claims. (Cl. 209—382)

2. In combination, a screen for sizing coal suspended for endwise reciprocating movement and having a bottom provided with transversely extending rows of openings therein, and means for clearing said openings comprising a plurality of transverse rock shafts related to said rows of openings, respectively, and mounted on said screen beneath the related rows, each shaft having fast thereon a plurality of bar-like rocker arms swingable under rocking movement of the shaft into and out of the related row of openings, to clear the same, said arms forming together with said openings a grate constantly open to the passage of coal therethrough, and means to effect rocking movement of said shafts as an incident to reciprocating movement of the screen



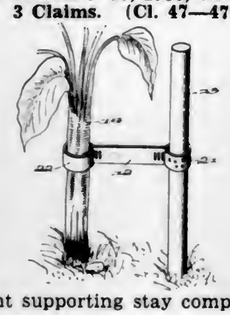
and including devices for varying the degree of rocking movement thereof.

2,134,241
PROCESS FOR PURIFYING CRUDE HYDROCARBONS, MORE PARTICULARLY CRUDE BENZOLE, CRUDE BENZINE, AND CRACK BENZINE
Karl Süsselbeck, Oberhausen-Sterkrade, Germany, assignor to Gutehoffnungshütte Oberhausen Aktiengesellschaft, Oberhausen-Rheinland, Germany
Application August 11, 1936, Serial No. 95,466
In Germany March 11, 1935
7 Claims. (Cl. 196—36)



1. A process for purifying crude hydrocarbons consisting in passing the crude hydrocarbon in vapour form through heated liquid purifying agent, said purifying agent comprising at least one substance selected from the group consisting of phenols and homologues of phenols, and the temperature of the purifying agent being maintained above the boiling and vaporization temperature of the crude hydrocarbon.

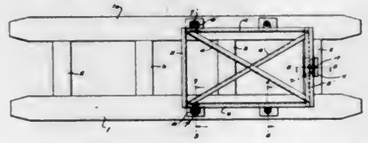
2,134,242
PLANT SUPPORT
Newman C. Wade, Summit, N. J.
Application November 19, 1936, Serial No. 111,725
3 Claims. (Cl. 47—47)



1. A plant supporting stay comprising a band

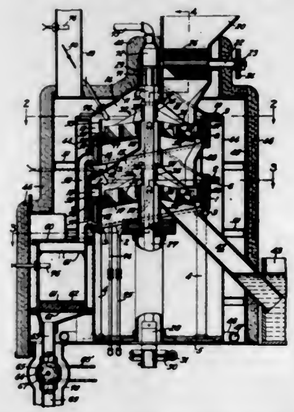
of malleable metal, a short reduced tongue integral with and extending from each end thereof, and said band having transverse parallel keeper slots therein substantially midway between each end and its transverse center whereby to receive the tongue on the adjacent end when that end of the band is looped.

2,134,243
LOGGING EQUIPMENT
Knute Berger, Seattle, Wash.
Application August 22, 1936, Serial No. 97,411
5 Claims. (Cl. 248—19)



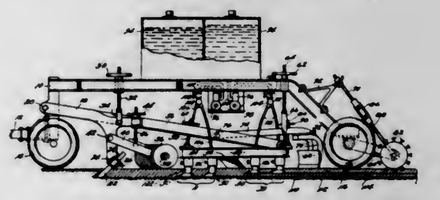
1. In combination, a skidding sled and an engine mounted thereon, comprising a base frame, alined supporting trunnions at opposite sides of the base frame at one end thereof, bearings fixed on the sled and receiving said trunnions, a roller mounted on the frame at its other end, to support it for rolling travel in a direction transversely of the sled, and a transverse member on the sled for travel of the roller thereon.

2,134,244
RETORT
Eugene M. Blalock, Oakland, Calif., assignor of forty per cent to Richard Bates, seven and one-half per cent to C. C. Voglesong, seven and one-half per cent to William Pentecost, and five per cent to Harry B. Moore
Application March 18, 1935, Serial No. 11,674
7 Claims. (Cl. 23—280)



2. In apparatus for the extraction of a mineral from its ore by heating the ore to melt the mineral, a casing providing a plurality of superimposed chambers having fixed circular bottoms each provided with a radial discharge opening and having a conically tapered upper face whereby the molten mineral may flow to its periphery, a rotary conveyor coaxial with said bottoms and providing laterally closed compartments over the bottoms for moving charges of the ore therein in solely circular lines over the bottoms for the discharge of said charges at the deck openings, each said deck opening being offset from the opening above it circumferentially of the chambers in such manner that ore discharged from an opening upon an underlying chamber bottom must be moved through a predetermined arc before it is discharged from the opening of the bottom.

2,134,245
ROAD MAKING MACHINE
Frank L. Carswell, Kansas City, Mo.
Application July 24, 1935, Serial No. 32,847
15 Claims. (Cl. 94—44)



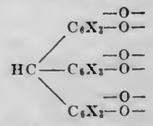
1. A road making machine comprising a wheeled frame; means carried by the frame for simultaneously depositing uninterrupted sheets of fluids along a plurality of definitely determinable spaced-apart levels below the normal surface of the road and between layers of road material; and structure for maintaining said means in predetermined adjusted positions whereby to vary the distance apart of said levels.

2,134,246
STABLE SOLUTIONS OF ASCORBIC ACID SALTS OF HISTIDINE AND PROCESS FOR THE MANUFACTURE OF SAME
Franz Elger, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey
No Drawing. Application June 21, 1937, Serial No. 149,548. In Switzerland July 9, 1936
6 Claims. (Cl. 23—250)

1. A package comprising a solution of the ascorbic acid salts of histidine in oxygen free water in a container excluding oxygen.

2,134,247
ETHERIFIED DERIVATIVES OF PENTAHYDROXY-FUCHSONE AND PROCESS FOR THEIR PRODUCTION
Zoltán Földi, Budapest, Hungary
No Drawing. Application February 23, 1937, Serial No. 127,319. In Hungary May 18, 1936
12 Claims. (Cl. 260—386)

1. A process for preparing ethers of pentaoxy fuchsone comprising oxydizing leuko triphenylmethane derivatives of the general formula



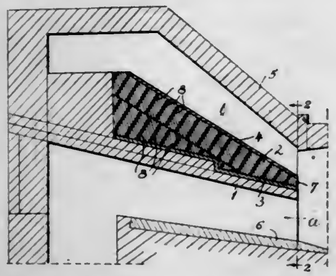
in which formula X represents any member of the group consisting of H, alkyl, halogen and sulpho,—the phenolic oxygen-atoms being in mutual ortho position on the benzene rings and linked to a member of the group consisting of H and an aliphatic radical, at least one of the phenolic oxygen atoms being linked to an aliphatic radical.

2,134,248

FURNACE LINING, ESPECIALLY OF HIGHLY HEATED METALLURGICAL FURNACES AND PARTICULARLY TO LININGS OF FURNACE GAS PORTS

Jean Godenne, Anzin, France

Application December 11, 1935, Serial No. 53,967
In France February 14, 1935
4 Claims. (Cl. 263—15)



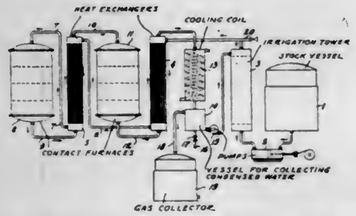
1. Gas ports for Siemens-Martin furnaces and other highly treated metallurgical furnaces comprising a gas channel and an air channel disposed above the gas channel, and a wall separating said gas channel from said air channel, the main mass of said wall consisting substantially of highly refractory oxidic material, the surface of said wall facing said gas channel consisting of a relatively thin layer of silica masonry and the surface of said wall facing said air channel consisting of a layer of chromite.

2,134,249

PRODUCTION OF WATER ENRICHED WITH HEAVY WATER

Fritz Hansgirg, Konan, Korea

Application December 3, 1935, Serial No. 52,707
In Austria December 6, 1934
6 Claims. (Cl. 23—204)



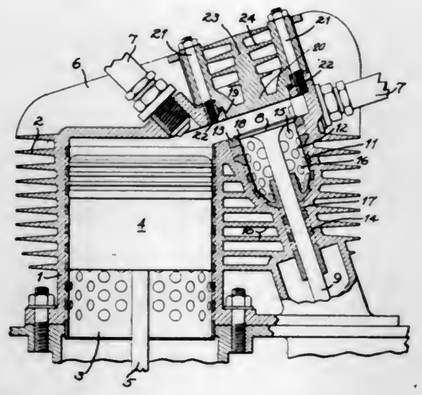
6. In a technical process involving the conversion of carbon monoxide, with steam in excess of the stoichiometric requirement, to carbon dioxide and hydrogen, with catalytically accelerated establishing of equilibrium, the steps, for the production of water enriched with heavy water as a secondary product of said process, which consist in maintaining the reaction mixture, in the presence of a catalyst capable of accelerating the establishment of equilibrium both in the conversion reaction and in the reaction $DHO+H_2 \rightleftarrows DH+H_2O$, substantially at temperatures between 300° and 500° C. until the equilibrium $CO+H_2O \rightleftarrows CO_2+H_2$ is substantially reached, condensing the residual water vapor enriched with deuterium hydroxide and deuterium oxide, reintroducing the enriched water into the conversion process, and removing from the process, and collecting, water enriched with deuterium hydroxide and deuterium oxide.

2,134,250

VALVE SEAT AND GUIDE

Ralph M. Heintz, Palo Alto, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware

Application February 24, 1936, Serial No. 65,472
1 Claim. (Cl. 123—188)



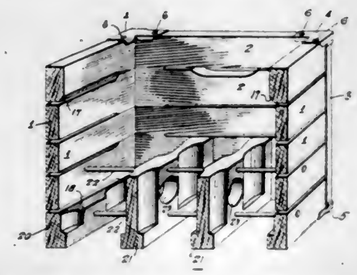
In combination with a cast engine cylinder, a preformed unitary insert of material harder than the cylinder material, comprising a valve seat ring, a skirt attached to said ring and defining a valve stem chamber and a valve stem guide attached to said skirt, said seat, skirt and at least part of said guide being surrounded by cylinder material cast thereon, said ring, skirt and the surrounded portion of said guide being perforated and substantially filled with cylinder material, said cylinder material terminating at the inner surface of said insert, thereby providing part of the inner wall of said chamber and part of the bearing surface of said guide.

2,134,251

MILK BOX

John A. Hopwood, Great Neck, N. Y.

Application November 21, 1935, Serial No. 50,880
14 Claims. (Cl. 217—69)



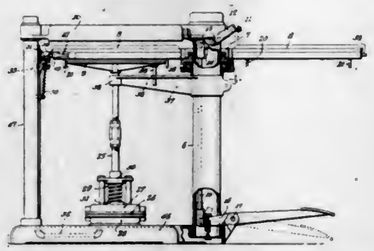
1. A milk box provided at each of its four corners with an upright corner iron of an unstressed angular cross section less than a right angle, and means for anchoring each corner iron to one corner of the box with the angular cross section of such corner iron stressed to approximately a right angle for the purpose of causing the lateral free edges of the corner irons to hug the walls of the box tightly.

2,134,252

APPARATUS FOR IRONING HANDKERCHIEFS

Joseph F. Huebsch, Miami, Fla., and Monte F. Huebsch, Milwaukee, Wis., assignors to Huebsch Manufacturing Company, Milwaukee, Wis., a corporation of Wisconsin

Application April 10, 1935, Serial No. 15,554
8 Claims. (Cl. 38—22)



3. In an apparatus for ironing handkerchiefs, the combination of a support, a turntable thereon, ironing boards mounted on said table on opposite sides of its pivot movable from a work receiving to a pressing position, an iron mounted on said support for successive pressing association with said boards, a fluid pressure operated means for effecting relative motion between said iron and one of said boards to press the handerchief flat between the same, a normally closed valve for the pressure fluid, a locking member for holding said turntable against movement during the operation of said means and engageable with said valve to open the same as said table swings to a pressing position, and means for holding said locking member against swinging movement when said table is in a pressing position, and a manual control for releasing said locking member from said last named means operable from that portion of the table which is in a work receiving position.

7. In an apparatus for ironing handkerchiefs, the combination of a support, a pair of ironing boards mounted to swing about said support and disposed on opposite sides of their common pivot, said boards being movable from a receiving to a pressing position, an iron for successive pressing association with said boards when in their pressing position, power operated means for moving a board with the work thereon into pressing contact with said iron, and manually controlled means adjacent each ironing board for controlling the power operated movement of the other board.

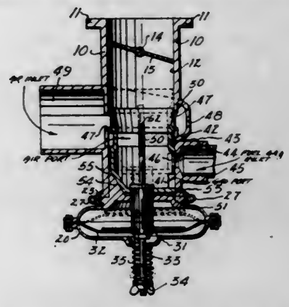
2,134,253

MEANS FOR MIXING AIR AND GAS

Sam P. Jones, Dallas, Tex., assignor of forty per cent to E. W. Schadek, Dallas, Tex.

Application June 27, 1935, Serial No. 28,676
1 Claim. (Cl. 48—180)

A gas mixer including, a housing having gas and air inlets, a piston slidable in said housing arranged to be operated by the suction of an engine and having gas and air inlets located to register with the inlets of the housing when the piston is slid, a diaphragm case communicating with the interior of the piston to permit gas to flow from the piston to the chamber, a retaining ring engaging the case and housing for securing the case to the housing, resilient means for holding the retaining ring in frictional engagement with the case and housing to prevent rotation of the former with relation to the latter, means for loosening said retaining ring for permitting such rotation, and a diaphragm within the case connected with the piston and exposed to the suction of the engine through a restricted passage whereby an increased area is exposed to the suction to effect actuation of the piston with less suction, the connection between the piston and diaphragm causing the latter to be actuated with the piston, whereby said diaphragm forces the gas in the case into the piston to increase the richness of the mixture.

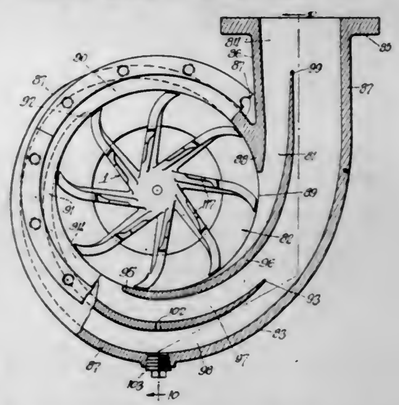


2,134,254

CENTRIFUGAL PUMP

Harry E. La Bour, Elkhart, Ind.

Application November 5, 1934, Serial No. 751,445
14 Claims. (Cl. 103—103)



1. In a centrifugal pumping device, a casing provided with an axial inlet connection and a peripheral outlet connection, a runner chamber between said connections having unobstructed communication with said inlet connection, said chamber comprising a relatively narrow channel on the inner periphery of the chamber having a series of substantially tangential discharge ports substantially equally spaced about the periphery of the channel, there being substantially concentric arcuate bottom wall portions for the channel between discharge ports, the runner chamber having a relatively great depth axially at the inlet connection tapering in depth toward the channel and merging therewith to produce a passageway for liquid flow which passageway is convergent in cross section toward the discharge ports, said discharge ports having independent passageways leading in parallel to each other to the outlet connection, said passageways being separated by spirally disposed walls, said

walls terminating in relatively thin edges to lead adjacent streams together with minimum shock, said passageways increasing in cross section from the discharge ports to the outlet connection and being free of flow restrictions, said runner chamber and said discharge passageways providing in effect a plurality of separate Venturi-like flow paths extending in parallel relation from the inlet connection to the outlet connection, and a runner in said chamber, said runner having a plurality of vanes substantially greater in number than the number of discharge ports substantially to equalize the effect of the vanes upon the fluid flow through the ports, said runner having an inlet recess registering with the inlet connection to provide for relatively free entry of liquid into the impeller and to prevent undue inlet velocity.

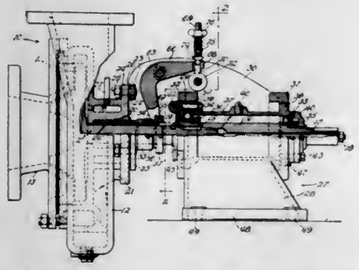
2,134,255

CENTRIFUGAL PUMP

Harry E. La Bour, Elkhart, Ind.

Original application November 5, 1934, Serial No. 751,445. Divided and this application July 8, 1935, Serial No. 30,252

5 Claims. (Cl. 103—111)



1. In a pump, a pump casing having a recessed hub portion, a cooling passageway in said hub portion, a rotor in the casing having a shaft extending through said hub portion, a packing gland on said shaft having packing disposed in said recess and having a gland follower on the shaft, a pair of frame members extending from said hub member in an axial direction upon opposite sides of the shaft and lying mainly above the level of the shaft, a bell crank lever pivoted between said frame members and having a substantially vertical arm engageable with the gland follower and having a substantially horizontal arm and an adjustable loading spring for cooperation with said horizontal arm, and a shiftable member mounted on said frame members and serving as an adjustable fulcrum for said lever.

2,134,256

PROCESS OF PRODUCING AND REFINING ORGAN EXTRACTS

Per Laland and Aage Klem, Oslo, Norway, assignors to Nyegaard & Company, Aktieselskap, Oslo, Norway

No Drawing. Application January 21, 1936, Serial No. 60,132. In Norway January 26, 1935

5 Claims. (Cl. 167—74)

1. A process for the refining of liver extracts, comprising the steps of subjecting the extract to lixiviation with a fluid substance comprising essentially a phenol, mixing the resultant phenolic extract with a volatile organic solvent immiscible with water, and extracting the resultant mixture with aqueous liquid.

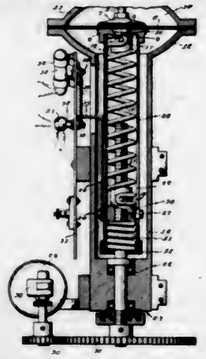
2,134,257

PRESSURE REGULATOR

Richard W. Leutwiler, Chicago, and William Eichholz, Cicero, Ill., assignors to The Illinois Engineering Company, Chicago, Ill., a corporation of Illinois

Application February 15, 1936, Serial No. 63,989

2 Claims. (Cl. 50—23)



1. A regulator of the class described including a valve body and a valve, a valve operating diaphragm connected with said valve, a support and housing for said diaphragm for transmitting the pressure on the low pressure side of said valve to one face of the diaphragm, a spring attached to said diaphragm at one end, mechanism attached to the opposite end of the spring adjustable for varying the compression or tension of said spring, said mechanism including a nut to which the spring is attached, means for preventing rotation of said nut, a rotating screw having threaded engagement with the nut, a tubular housing for said spring, said housing being attached at one end to said diaphragm, a cushioning spring supported at the opposite end of said housing and bearing against said nut, and means for driving said mechanism in opposite directions.

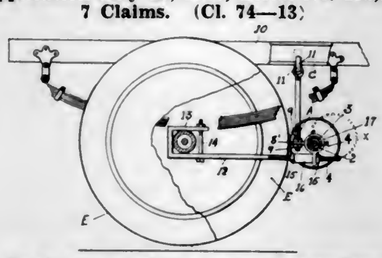
2,134,258

MOTOR VEHICLE POWER TRANSMISSION

Henry John Mankoff, Wichita, Kans.

Application July 10, 1937, Serial No. 152,963

7 Claims. (Cl. 74—13)



1. In a motor vehicle power transmission, in combination with a motor driven vehicle, a shaft and a housing in which the shaft is trunnioned, the shaft having a pulley near each end thereof to align with their respective wheels of a vehicle, means to pendently carry the housing by the chassis of the vehicle, and means to connect said housing to the axle housing of the vehicle to move said pulleys to and from engagement with said vehicle wheels, each of said means adjustably arranged to move said shaft housing vertically and horizontally respectively, a belt pulley secured to the shaft between its end and adjacent pulley for the purpose specified.

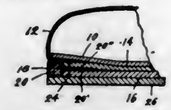
2,134,259

SHOE

Maynard H. Moore, Jr., Everett, Mass.

Application May 14, 1938, Serial No. 207,944

3 Claims. (Cl. 36—12)



1. In a slipper comprising an out-sole, an in-sole and an upper, the lower edges of which are turned inwardly and secured to the bottom side of the insole, a mid-sole disposed between the out-sole and in-sole and composed of two complete sole members of less area than the out-sole, a welt strip, a covering strip of sheet material completely enclosing said welt strip and having its edge portions secured between the edge portions of said mid-sole members, said welt strip with its covering being substantially flush with the edge of the out-sole and of substantially the same thickness as the combined thickness of said mid-sole members, and being adhesively secured at its bottom side to the edge portion of the out-sole and at its top side to the inturned portion of the upper, the exposed outer surface of said covering strip having an ornamental finish.

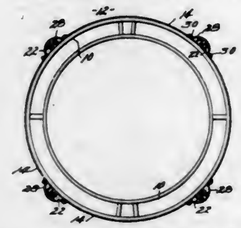
2,134,260

AEROPLANE CONSTRUCTION

James H. Nickerson, Kansas City, Kans.

Application September 7, 1935, Serial No. 39,564

1 Claim. (Cl. 244—119)



An aeroplane body comprising a frame; a covering of longitudinally extending rigid sheets of metal having their proximal edges spaced apart; laterally extending, radially disposed flanges formed along the said edges of the sheets and having rebent margins extending throughout their lengths; means for joining the flanged edges of said sheets to produce a tension within the sheets of the covering and a pressure against the said frame; and spanners bridging the joint formed by the adjacent edges of adjoining sheets, said flanges of the sheets extending outwardly from the body and said spanner bridging the joint being arcuate in cross section and contacting said rebent margins whereby to house the said flanges and joining means therebeneath.

2,134,261

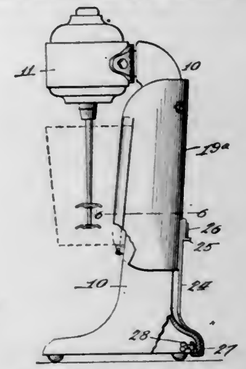
SPLASH GUARD FOR ELECTRIC MIXING MACHINES

Benjamin M. Oswell, Los Angeles, Calif.

Application October 4, 1937, Serial No. 167,185

2 Claims. (Cl. 259—1)

1. In the combination of a splash guard and a mixing machine, a curved shield having a cavity adapted to receive a portion of the machine, a securing means fixed to the convexed side of the shield, a supporting strip having an end adapted to snugly fit said means and support the shield, another end of the strip having a portion bent and which is provided with means to fasten it to an edge of the mixing machine, the concaved portion of the shield having resilient shock absorbers adapted to bear against a portion of the machine to avoid metallic contact between the shield and portions of the machine.



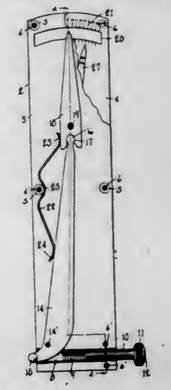
2,134,262

INTERNAL GAUGE FOR CYLINDERS AND THE LIKE

Harold P. Phillips, Hastings, Mich., assignor to Hastings Manufacturing Company, Hastings, Mich.

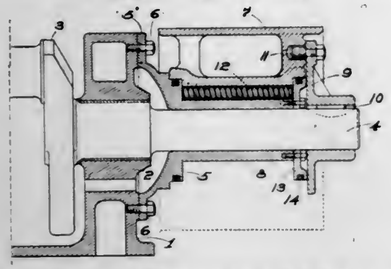
Application March 2, 1936, Serial No. 66,689

7 Claims. (Cl. 33—178)



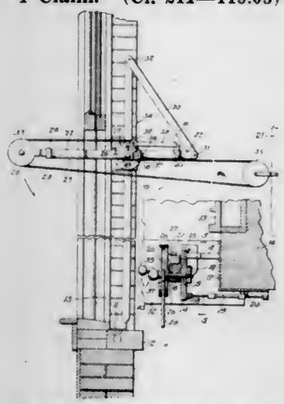
1. In an internal gauge, the combination of a frame comprising spaced plates having opposed transversely disposed bead-like struck-out portions adjacent one end thereof providing a transverse recess, a contact member threaded into said recess for adjustment and having a rounded work engaging head, a feeler arm pivotally mounted between said plates adjacent said recess and having a spherically curved work feeler projecting beyond the edges of said plates and alined with said contact member, a pointer pivoted between said plates and having a curved joint socket in its inner end, said feeler arm being provided with a curved joint portion engaging said socket, one of said plates being apertured adjacent the free end of said pointer to expose the same and calibrated to provide a scale for coaction therewith, and a spring acting to urge said feeler outwardly.

2,134,263
SUPPLEMENTARY SUPPORT FOR THE SHAFT OF POWER-DELIVERY BELT-PULLEYS
John Reid, Oil City, Pa.
Application August 21, 1936, Serial No. 97,126
1 Claim. (Cl. 308—18)



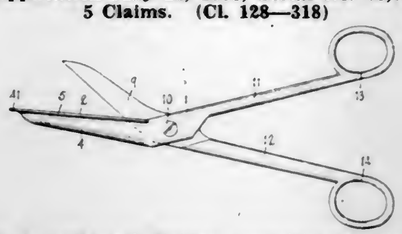
A supplementary support for the shaft of power-delivery belt-pulleys, comprising in combination, a power-delivery shaft; a main bearing in which said shaft is mounted; a supplementary tubular, extension bearing carried by the structure in which said main bearing is formed, the axis of the bore of said tubular structure being in alignment with the axis of said main bearing, and from the outer end of the bore of which tubular structure said shaft projects, a power-delivery belt-pulley revolubly mounted upon the barrel of said tubular extension bearing, and from the outer end of which said shaft projects, a driving plate for said pulley, mounted upon and keyed to said projecting end of said shaft, and driving means connecting said plate to said pulley, said driving means being adapted to conform to a slight amount of radial-wise disalignment between the axes of said main bearing and the bore of said tubular structure when said disalignment is caused by an unequal amount of wear between said bearings.

2,134,264
PULL-IN CLOTHESLINE
Reuel R. Robertson, Easton, Pa.
Application January 5, 1937, Serial No. 119,161
1 Claim. (Cl. 211—119.05)



A pull-in clothes line comprising a guide arm, a slide arm movable endwise of the guide arm, means for pivotally attaching the guide arm at one end to a stationary support, a link pivotally connecting one end of the slide arm to one end of the support for guiding said slide arm longitudinally of said guide arm when said guide arm is rocked on its pivot, a pulley on one end of the guide arm, a pair of pulleys on the slide arm one of which is pivotally connected to the slide arm, and a loop clothes line having one loop thereof trained over said pulleys.

2,134,265
PERITONEAL DIVIDER
Joseph E. Rosenfeld, Battle Creek, Mich.
Application May 14, 1936, Serial No. 79,705
5 Claims. (Cl. 128—318)



1. A peritoneal divider comprising a member for insertion under the peritoneum and having a rounded bottom and a substantially flat upper surface for engaging the inside of the peritoneum during the dividing operation, said member tapering to a blunt leading point at the front and having a dull relatively wide flat blade-like flange therearound extending in the plane of said upper surface, a blade extending longitudinally of said member and having a top cutting edge substantially on a level with said upper surface and substantially at right angles thereto, a well in said member adjacent said cutting blade to receive a pivoted cutting blade, a second blade pivoted at the rear of said first blade in cooperating shearing relationship and adapted to fit within said well, and handles at the rear for supporting said divider and for manipulating said pivoted blade to obtain a shearing action thereof on said first blade.

2,134,266
COLOR PHOTOGRAPHY OR CINEMATOGRAPHY
Edgar Sanders-Dolgoruki and John Hubert Reindorp, London, England, assignors to Trucolour Film Limited, London, England, a British company
No Drawing. Application April 7, 1937, Serial No. 135,590. In Great Britain September 23, 1936
3 Claims. (Cl. 95—88)

2. In the production of photographic colored images, the steps of color developing an image in a silver halide emulsion layer which has been exposed, comprising removing the developed silver and then treating the colored image-carrying layer or layers in an aqueous solution containing not over 4% of phenol.

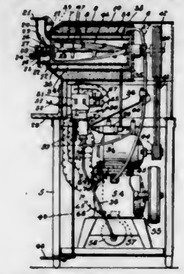
2,134,267
BRAUN TUBE
Erich Schwartz, Berlin-Zehlendorf, Germany, assignor to the firm of Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany
Application June 29, 1935, Serial No. 29,136
In Germany June 3, 1934
1 Claim. (Cl. 250—27.5)

A Braun tube cathode comprising a spherical portion, an electron emissive coating covering a substantial part of said spherical portion, supporting means formed integrally therewith extending from the nonemissive part thereof, an insulating supporting member surrounding and contacting said supporting means and engaging the nonemissive part of said spherical portion in direct heat transferring relationship thereto, and



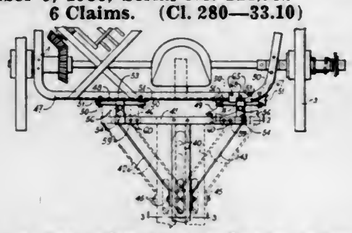
means disposed about said insulating member for heating said insulating member and causing a conductive heat transfer to said supporting means and said spherical portion.

2,134,268
ICE CREAM FREEZER
Harvey F. Swenson, Seattle, Wash.
Application January 22, 1936, Serial No. 60,213
3 Claims. (Cl. 259—9)



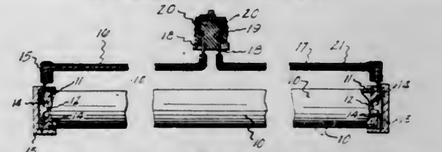
1. In an ice cream freezer comprising a freezer drum having an open end, a front wall surrounding the open end, a door hinged to the front wall and arranged to bear against the front wall and close the open drum end, an outwardly projecting discharge port carried by the door and communicating with the drum, a cut-off door pivoted flatly to the outer end of the port and arranged to open and close the port when it is pivotally swung up and down, and said cut-off door having a rectangular recess in its lower edge portion arranged to be brought into communication with the port when the door is pivotally moved to regulate the size of the port opening.

2,134,269
HAY RAKE
Adolph J. Synck, Coldwater, Ohio, assignor to New Idea, Inc., Coldwater, Ohio, a corporation of Ohio
Original application November 25, 1935, Serial No. 51,408. Divided and this application December 9, 1936, Serial No. 114,982
6 Claims. (Cl. 280—33.10)



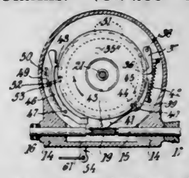
6. In a hay rake, a main frame, a tongue, a laterally shiftable device for connecting said tongue and frame, means for supporting the shiftable device from the frame, and a movable retaining member carried by said frame having a free front edge formed to engage said device to hold the latter in a central position and having side edges each formed to engage and hold said device to either side of said central position between the retaining member and supporting means when the same is shifted.

2,134,270
BRACKET
Van L. Vendope, Dallas, Tex., assignor of thirty-three and one-third per cent to Richard Burdick and thirty-three and one-third per cent to Arthur S. Baron, both of Dallas, Tex.
Application January 23, 1936, Serial No. 60,384
3 Claims. (Cl. 173—328)



1. A supporting bracket for an elongate tubular lamp including a pair of arms similar in all respects and designed to mate to form the bracket, each arm formed of flat stock having one end bent at right angles to form a flat prong to be inserted in an electric plug receptacle, its other end being bent at right angles oppositely disposed to the first mentioned end and shaped to form an annular member adapted to engage one end of said lamp, the construction being such the two arms, each connected to its respective end of the tubular lamp and having its inner end inserted in an electric plug, mating to form the support for the lamp, and insulation on said arms between their ends.

2,134,271
YARN MEASURING DEVICE
Morris Wolkin, New York, N. Y.
Application May 24, 1937, Serial No. 144,490
2 Claims. (Cl. 235—132)

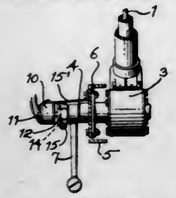


2. A yarn measuring device of the character described comprising a ratchet wheel and a disk coaxially detachably mounted on the ratchet wheel to be rotatable therewith, separable connecting means providing for such detachable connection, said disk having a plurality of notches in its periphery equally spaced circumferentially therearound.

2,134,272
VEHICLE SIGNALING SWITCH
Clarence B. Howard, Oakland, Calif., assignor to E. H. Kueffer
Application April 9, 1937, Serial No. 135,921
2 Claims. (Cl. 200—59)

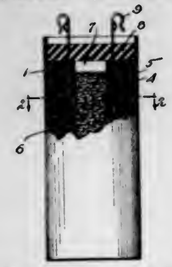
1. The combination with a vehicle steering mechanism having a steering column operatively rotating a laterally extending quadrant axle linked to the wheels of said vehicle, said quadrant axle terminating in a quadrant nut, of a direction indicating switch comprising a fitting surrounding said nut, means for clamping said fitting to said nut alone, a switch operating shaft attached

to said fitting and extending coaxially with said quadrant axle, a rotating contact member rotated by said switch axle solely by frictional forces transmitted from said switch axle, means for limiting the rotation of said contact member, a



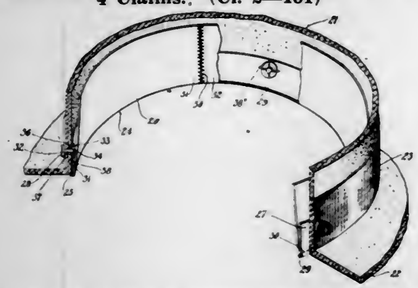
stationary contact positioned to connect with said stationary contact at one limit of rotation of said contact member, and means for preventing said stationary contact from rotating with said axles.

2,134,273
ELECTRICAL CONDENSER
Vannevar Bush, West Medford, Mass., assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application October 1, 1926, Serial No. 138,900
Renewed November 22, 1933
10 Claims. (Cl. 175—315)



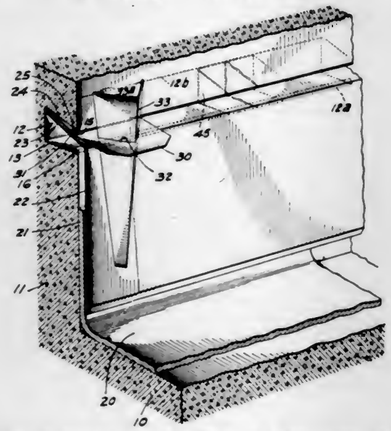
1. A condenser comprising two metallic film forming plates separated by an absorbent containing an electrolyte having a relatively large proportion of potassium acetate.

2,134,274
HAT
John Cavanagh, Norwalk, Conn., assignor to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware
Application November 20, 1936, Serial No. 111,766
4 Claims. (Cl. 2—181)



1. A hat having in combination, a crown portion; a dressband on the outside of said crown; a sweatband on the inside of said crown; normally free end sections on said sweatband with a plurality of circumferentially spaced holes in one of said end sections and at least one hole in the other of said sections; and a plurality of fastening elements spaced from each other circumferentially of the crown and having shank portions passing therethrough to connect said sweatband and said dressband and to removably secure the same to the crown, and one of said fastening elements having a shank portion passing through selected of the spaced holes in one of the end sections and through a hole in the other end section to hold the sweatband in a selected predetermined size.

2,134,275
ROOF FLASHING AND RETAINING MEANS THEREFOR
William H. C. Ness, Los Angeles, Calif.
Application September 25, 1937, Serial No. 165,708
12 Claims. (Cl. 108—26)



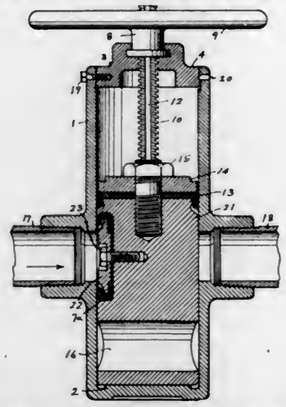
1. In a structure of the kind described, a wall having a substantially horizontal reglet groove in a face thereof, said groove having shoulder portions, a flashing reglet of stiff sheet material occupying said groove and retained therein by said shoulder portions, said reglet having symmetrically shaped keeper portions comprising an inwardly and downwardly directed hook portion at its upper edge and a like upwardly and inwardly directed hook portion at its lower edge, and a strip of flashing having an edge portion located within said reglet and positioned to be retained therein by said keeper portions.

2,134,276
PREPARATION OF SELF-FILTERING GROUND COFFEE
Arthur Roscher and Franz von Herrenburger, Dresden, Germany, assignors to the firm R. Seelig & Hille, Dresden, Germany
No Drawing. Application April 7, 1937, Serial No. 135,530. In Germany May 14, 1936
5 Claims. (Cl. 99—65)

1. Process for preparing infusible self-filtering coffee, which consists of the step of treating ground coffee with a water insoluble, sugary and bassorin-containing solution of gum.

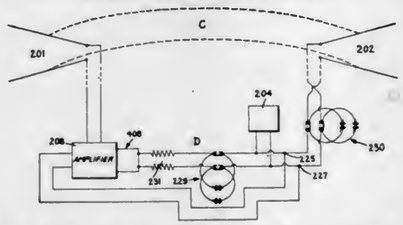
2,134,277
VALVE MECHANISM
Charles W. Sproull and Leon J. Vetrano, Houston, Tex.
Application July 23, 1936, Serial No. 92,106
4 Claims. (Cl. 251—51)

1. A valve mechanism comprising a valve casing having an inlet opening and an outlet opening, a valve movable longitudinally in the casing into active position to close the inlet opening and into inactive position to clear said inlet opening, means for so moving the valve, said valve having a packing countersunk into one side thereof and formed with a flexible margin overturned toward said inlet opening and arranged to fit constantly closely against the ad-



jacent wall of the casing and to surround the inlet opening when the valve is in said active position, the material of the valve being extended beyond the packing, and being thus effective to close said inlet opening, as the valve is moved toward active position, before the packing reaches a position where it is impinged by direct flow of fluid.

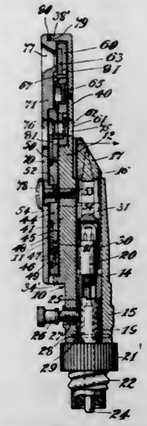
2,134,278
HIGH FREQUENCY RADIO REPEATER
Andrew Alford, New York, N. Y., assignor to Mackay Radio and Telegraph Company, New York, N. Y., a corporation of Delaware
Application June 15, 1937, Serial No. 148,292
8 Claims. (Cl. 250—15)



4. A radio repeater comprising a receiving antenna, a transmitting antenna, a reentrant loop circuit comprising in part the mutual impedance path between said antennae and in part transmission lines coupling together said antennae, an amplifier coupled between conjugate points on said reentrant loop circuit, said conjugate points dividing the loop circuit into two arms, one of which includes said impedance path, and an attenuator connected in said other arm to compensate for the attenuation in said impedance path.

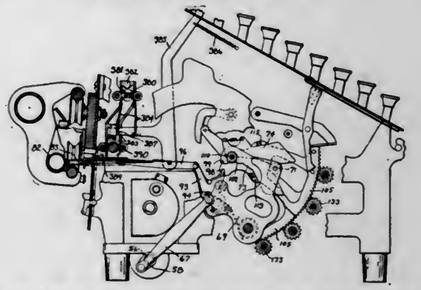
2,134,279
OPHTHALMOSCOPE
Walter A. Arnesen, New York, N. Y.
Application April 6, 1935, Serial No. 14,980
8 Claims. (Cl. 88—22)

1. An instrument of the character described comprising a casing made up of complemental front and back plates of molded material, a lens carrier rotatably secured to said back plate, said back plate being provided with a structurally integral tubular portion, a carrier for a source of light rays adjustably secured in said tubular portion, a light bending member secured in one end



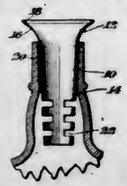
of said portion, a resilient member secured to said tubular portion and frictionally engaging said source of light rays carrier to hold the same temporarily in adjusted position, and means for locking said source of light rays carrier in adjusted positions.

2,134,280
LISTING CALCULATOR
Loring P. Crosman, Maplewood, N. J., assignor, by mesne assignments, to Monroe Calculating Machine Company, Orange, N. J., a corporation of Delaware
Application June 19, 1936, Serial No. 86,073
2 Claims. (Cl. 235—60)



1. In a listing calculator having a transversely shiftable record carriage and a plurality of accumulators: the combination with control means adapted to differentially control the activity and sign character of registrations upon said accumulators in different columnar positions of the carriage in accordance with a predetermined programme, including a graded abutment member mounted upon the carriage, a series of feeler devices movable into contact with said abutment member, and means whereby a given degree of movement of any one of said feeler devices will effect a change of control in the related accumulator, of a selectively settable series of graded control surfaces mounted in fixed relation to said feelers, and manipulative means movable under control of the appropriately set control surfaces into the paths of movement of said feeler devices.

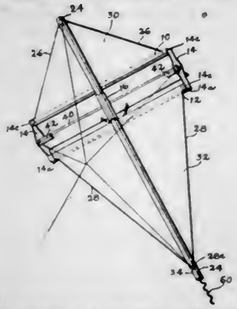
2,134,281
POURING DEVICE
Herbert H. Ilich, New York, N. Y.
Application June 24, 1936, Serial No. 86,932
8 Claims. (Cl. 215—73)



1. A device of the character described adapted to be fitted into the neck of a bottle or the like, including a tubular member flared outwardly at its one end to form a pouring edge, said flared portion at its end having a rib extending inwardly of the device to prevent the dropping of any liquid from a bottle when pouring is stopped.

4. A device of the character described, adapted for insertion into the neck of a bottle or the like including a tubular member having a pouring edge at one end and a body portion, said body portion having open ends and having a plurality of vents adjacent the lower portion of said device to break up the inrushing air into small bubbles when liquid is poured from a bottle and so as to obtain an even flow from a bottle at all times irrespective of the volume of liquid in the bottle.

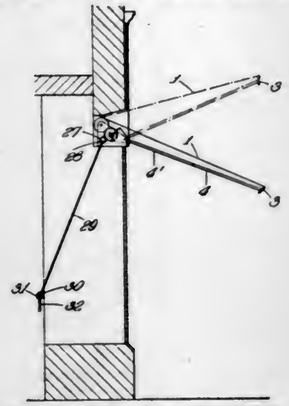
2,134,282
KITE
Harry J. Irvin, Dayton, Ohio
Application January 17, 1938, Serial No. 185,384
5 Claims. (Cl. 244—153)



1. In a kite having a body portion provided with an opening, a horizontally disposed elevator extending at an angle with respect to the main surface of the kite, the leading edge of the elevator being centrally disposed with respect to the opening, the rear edge of the elevator projecting downwardly so as to deflect the lower half of the air current downwardly thereby creating a vacuum above the elevator so as to provide a differential in air pressure on the two sides of the elevator thereby lifting the kite.

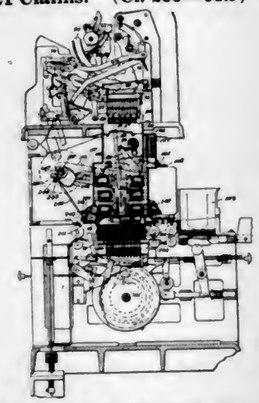
2,134,283
SUN-BLIND
Arthur Linley Jones, Roundhay, Leeds, and Donald Kilbey Smith, Chingford, England
Application November 8, 1937, Serial No. 173,360
In Great Britain November 13, 1936
6 Claims. (Cl. 156—44)

1. A sun blind, including a lath, supporting arms therefor, and means adapted to rock said arms to a downwardly inclined position to cause extension thereof and to elevate said arms to an



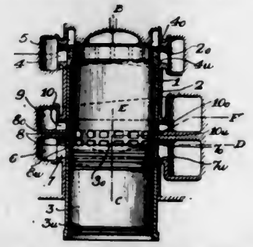
upwardly inclined position to cause retraction thereof due to gravity.

2,134,284
RECORD CONTROLLED MACHINE
Lincoln M. Keefe, Springfield, Mass., assignor to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware
Application March 3, 1934, Serial No. 713,868
21 Claims. (Cl. 235—61.9)



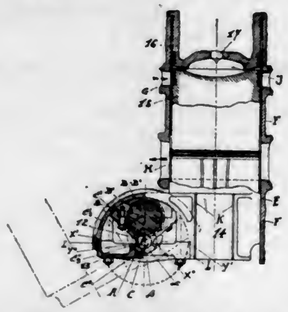
1. In a translator to be used in combination with a tabulating machine having printing elements and settable stops for said elements, said stops being normally adapted to be controlled by records having single representations; a number of interposers moving in timed relation to a portion of an operating cycle of said tabulating machine, a restraining latch associated with each of said interposers, an electro-magnet associated with each of said latches, a relay for and connected in circuit with each of said electro-magnets, a contact device adapted to be actuated by sensing pins in said tabulating machine, said device comprising a pair of contacts in operative relation with each of said sensing pins, means interconnecting said relays with said contact elements, and instrumentalities moving in timed relation to the operating cycle of said machine for energizing circuits completed by said sensing pins and including members for shifting said electro-magnets into one circuit when single representations appear in records in said machine and for shifting said magnets into other circuits when combinational representations appear in the records.

2,134,285
TWO-STROKE INTERNAL COMBUSTION ENGINE
Paul Fritz Kipfer, Boitsfort, near Brussels, Belgium
Application January 2, 1936, Serial No. 57,126
In Germany January 3, 1935
19 Claims. (Cl. 123—65)



3. A two-stroke cycle internal combustion engine comprising a cylinder having an exhaust port at one end and scavenging and charging ports at the other end, the charging port being between the scavenging and exhaust ports, a cylindrical sleeve valve slidably mounted within the cylinder and adapted to control the exhaust port, a piston slidably mounted within the sleeve valve, the sleeve valve and piston being operable to conjointly control the opening and closing of the scavenging and charging ports, and means for reciprocating the sleeve valve and piston, the sleeve valve having a substantially shorter stroke than the piston and operable at a phase angle relative to the motion of the piston.

2,134,286
TWO STROKE INTERNAL COMBUSTION ENGINE
Paul Fritz Kipfer, Boitsfort, near Brussels, Belgium
Application May 20, 1936, Serial No. 80,660
In Germany and France May 24, 1935
9 Claims. (Cl. 74—50)



1. In a driving mechanism for the control valve of an internal combustion engine, the combination comprising a crank shaft, a strap surrounding the crank of the crank shaft, the strap having diametrically opposite concentric bearing sectors of different radii, and a movably mounted carriage connected to the valve, embracing said strap and having bearing surfaces engaging the bearing sectors of the strap.

2,134,287
WHIPSTOCK
Percy F. Matlock, Houston, Tex.
Application February 18, 1936, Serial No. 64,448
4 Claims. (Cl. 255—1)



1. In a whipstock, a body having a substantially radial opening therein, a pin slidable in said opening, resilient means behind said pin to constantly urge the pin radially outwardly, a sleeve around said body adapted to extend over said opening to confine said pin and movable to release the same so that said pin may be projected against a casing wall and to catch at a coupling between the pipe ends when the whipstock is moved longitudinally of such casing to locate such coupling with respect to the whipstock.

2,134,288
HINGE JOINT FOR ARTIFICIAL LIMBS
John J. McCann, Burlington, N. J.
Application September 5, 1936, Serial No. 99,601
1 Claim. (Cl. 287—101)

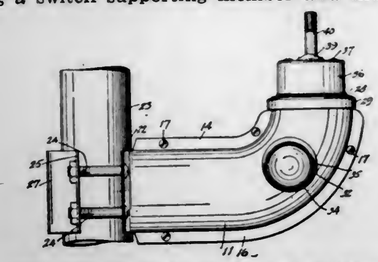


A hinged joint of the character described, comprising a pair of hinged members, each formed with a knuckle at one end, one of said knuckles being formed with an opening which is interiorly threaded, said knuckle carrying a sleeve with the threaded opening continued therethrough, the second knuckle being formed with an opening receiving the said sleeve, a headed screw member having a head engaging the last mentioned knuckle about the opening therein, and a stem having a continuous outer cylindrical surface, which is threaded, with the threads in engagement with the interior threads in said sleeve and opening, said stem being formed with a tapered bore, and a conical plug carried by said first mentioned knuckle engaging the tapered bore of the said stem within the opening in the said first mentioned knuckle.

2,134,289
SWITCH DEVICE FOR AUTOMOBILE DIRECTION SIGNALS
Henry J. Sauer, Fairfield, Conn., assignor to The Kilborn-Sauer Company, Fairfield, Conn., a corporation of Connecticut
Application August 18, 1936, Serial No. 96,569
3 Claims. (Cl. 177—311)

1. In a signal lamp control switch, a hollow arm comprising a pair of opposed casing mem-

bers of channel form each having longitudinal edge flanges disposed in a plane and removably secured together, one of said members constituting a switch supporting member and the other



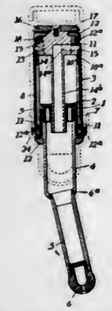
a cover member, said members when secured together constituting an open-ended tube, and a switch element secured to said supporting member and closing one end of said arm.

2,134,290

PUMP, SYRINGE, AND LIKE APPLIANCE FOR SURGICAL AND MEDICAL AND OTHER PURPOSES

Hans Herbert Schulz, London, England

Application December 17, 1935, Serial No. 54,811
In Great Britain December 19, 1934
17 Claims. (Cl. 128—237)



1. A syringe of the kind referred to comprising a filling tube which acts also as a discharge tube, an inner rigid cylinder or barrel, an outer elastic sleeve normally in close proximity therewith and attached thereto in a fluid tight manner so as to form a contractible storage space, a one-way valve controlled inlet to said storage space through which said storage space is filled, a discharge outlet from said storage space through which the fluid so stored is discharged under pressure exerted by the elastic sleeve, and a manually operated regulatable valve for said discharge outlet, the valve being operated from a point at or near to the end farthest from the nozzle and discharge tube.

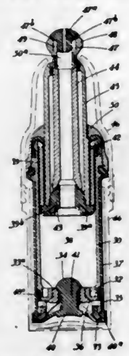
2,134,291

SYRINGE

Hans Herbert Schulz, London, England

Application February 6, 1936, Serial No. 62,575
In Great Britain April 27, 1935
15 Claims. (Cl. 128—237)

1. A syringe or the like of the kind hereinbefore referred to, comprising an inner rigid tubular member, an outer elastic sac or bag surrounding said rigid tubular member and completely enclosing one end thereof, the end of such sac being secured to such tubular member in a fluid tight manner and the said member being constructed so as to form between its external surface and the sac a fluid-storing space, the walls of the sac normally lying in close proximity to the external surface of the tubular member and being adapted to be expanded and elastically energized by fluid pressure, a fluid inlet from the interior of said tubular member to said storage space and a one-way valve controlling said inlet



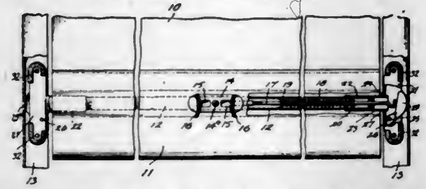
whereby to permit fluid to enter into said storage space and elastically energize the walls of said sac, an outlet from said storage space and a regulatable push discharge valve cooperating with said outlet, said valve being situated inside the sac and being operable by pressure on the sac so that the fluid can be automatically discharged from the storage space by the pressure exercised by the elastically energized walls of the sac.

2,134,292

CURTAIN FIXTURE STRUCTURE

Joseph Schunk, Newark, N. J., assignor to The National Lock Washer Company, Newark, N. J., a corporation of New Jersey

Application June 4, 1936, Serial No. 83,506
3 Claims. (Cl. 156—26)



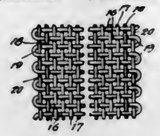
3. In combination, a tube, a curtain fixture head rigidly connected to said tube for engaging the side channel of a window casing, said head comprising a frame having a pair of spaced sides forming an opening in the outer side of the frame, a gripping member disposed between said sides and projecting through said open side to contact the channel base, spring means within said tube normally pressing said gripping member outwardly to engage it with the channel base and to retain said frame out of contact with the channel base, a pair of rubber shoes, each projecting with respect to the edges of the open side of said frame to contact the base of the channel at each end of said open side upon tilting about the point of contact of said gripping member with the channel base in the direction of the channel base and having exposed sides upon tilting about the point of contact of said gripping member with the channel base in the direction of the channel sides.

2,134,293

WOVEN WIRE FABRIC FOR DANDY ROLLS, CYLINDER MOLDS, OR THE LIKE, FOR PAPER MAKING MACHINES

Nelson W. Webb, Belleville, N. J., assignor to Eastwood-Nealley Corporation, Belleville, N. J., a corporation of New Jersey

Application June 4, 1936, Serial No. 83,520
6 Claims. (Cl. 245—10)



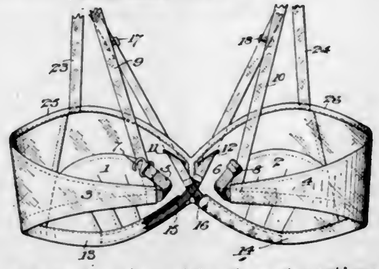
1. Loom woven wire fabric for use as a cylindrical sieve in paper making machines comprising interwoven warp and weft wires, and seam forming wires loom woven into said fabric as warp wires in predetermined spaced relation determined by a standardized circumference of cylinder, and each comprising a wire of similar composition to the other warp wires together with solder contiguous to and simultaneously woven with said seam forming wire adapted through the application of heat to solder said seam forming wire to the weft wires, said warp wires adapted to extend parallel to the axis of said cylindrical sieve.

2,134,294

BRASSIÈRE

Gabrielle M. P. Yerkes, Hartsdale, N. Y., assignor to G. M. Poix, Inc., New York, N. Y., a corporation of New York

Application November 18, 1937, Serial No. 175,222
6 Claims. (Cl. 2—42)



1. A brassière comprising breast portions permanently connected at the front of the brassière and terminating in tapered side portions, means for removably connecting the side portions at the back of the wearer, and shoulder straps extending upwardly from the ends of the side portions over the shoulders, thence diagonally downward and inward in sliding engagements with the tops of their corresponding breast portions and from thence freely across each other within the brassière and anchored to the bottoms of their opposite breast portions.

2,134,295

METHOD OF PRESERVING FULL DRESSED POULTRY

Mikail T. Zarotschenzeff, New York, N. Y., assignor to Z Pack Corporation, a corporation of Delaware

No Drawing. Application May 28, 1936, Serial No. 82,324
2 Claims. (Cl. 99—194)

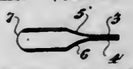
1. The process of preserving animal carcasses which comprises cleaning and drawing the entrails thereof, and quick freezing the resulting carcasses by directing a fluid freezing medium having antiseptic properties against the inner and outer surfaces of the carcasses to flush and sweep the surfaces and cause a rapid flow of the freezing medium over the carcasses.

2,134,296

LETTERING PEN

Charles E. Bluhm, Rochester, N. Y.

Application July 19, 1937, Serial No. 154,390
2 Claims. (Cl. 120—111)



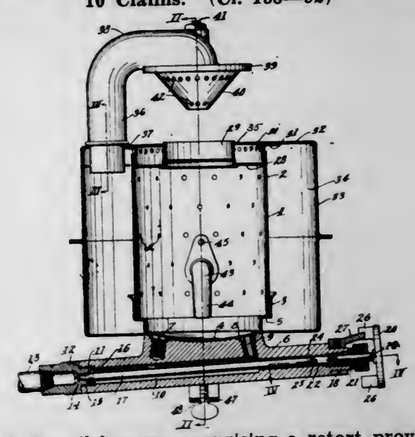
1. A pen formed from a single blank, said pen having at its forward end two layers of metal placed close together at the point by folding on a central axial line, said layers being separated back of the point sufficiently to form a pocket for a small quantity of ink that will feed between the two layers.

2,134,297

OIL BURNING APPLIANCE

James L. Breese, Jr., Santa Fe, N. Mex.

Application December 24, 1934, Serial No. 758,980
10 Claims. (Cl. 158—92)



1. An oil burner comprising a retort provided with a closed bottom, perforated side walls and an open top, said top opening being of reduced size relative to the diameter of said retort, a short tube secured in the top opening, a casing open at its lower end surrounding said retort and spaced therefrom, said casing having a top wall formed with an axial opening of a size slightly greater than said tube to provide a space between the tube and the sides of said opening, the latter providing for the discharge of air from the top of said casing and for the admixture of such air with vaporized fuel constituents discharged from said tube, an air conduit extending through the side wall of said retort and casing and terminating in a downwardly directed nozzle, and an oil supply tube communicating with the lower interior portion of said retort.

2,134,298

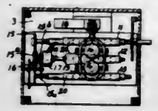
VARIATOR FOR WEIGHT INTEGRATING DEVICES

Sidney Charles Brown, London, England

Application September 25, 1935, Serial No. 42,022
In Great Britain October 2, 1934
4 Claims. (Cl. 74—198)

1. In a variator of the character described, the

combination with an elongated centrally disposed longitudinally tapered roller, of a cylindrical roller upon each of and having their longitudinal axes in parallelism with the axes of the tapered roller, a ball disposed between the tapered roller and each of the cylindrical rollers, means gear-



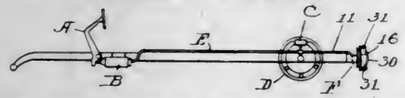
ing the cylindrical rollers to turn together in the same direction, and means for simultaneously shifting said balls along said rollers, said balls being materially larger in diameter than the width of the spaces between said rollers to cause them to have a wedging action between their contacting rollers.

2,134,299

AUTOMATIC MOTOR VEHICLE SIGNALING DEVICE

Maurice C. Cosner, Lynwood, Calif.

Application May 24, 1937, Serial No. 144,348
2 Claims. (Cl. 116—39)



1. In combination with a motor vehicle having a hydraulic brake, a pipe line for supplying motive liquid to operate said brake and a bumper on one of its ends, a signal support secured in protected position on the inner surface of said bumper, a signal cylinder mounted upon said support and connected with said pipe line, a piston in said cylinder adapted to be actuated by the motive liquid in said pipe line, a signal arm pivoted on and normally concealed and protected by said support, a pinion connected with said arm and pivoted to revolve about said pivot support, a rack connected and adapted to reciprocate with said piston having teeth in mesh with said toothed pinion whereby said arm is adapted to be revolved into and out of exposed position by the reciprocation of said piston, and a retractile spring for returning the piston to non-signaling position when the hydraulic brake is released by the motive liquid.

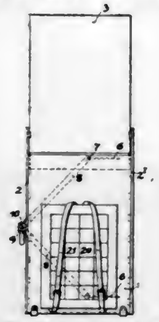
2,134,300

PORTABLE ADVERTISING DEVICE

Christian Guberan, Augsburg, Germany

Application March 19, 1937, Serial No. 131,805
In Germany March 27, 1936
1 Claim. (Cl. 40—129)

A portable advertising device comprising in combination a casing open at the top and closed at the bottom, two straps for attaching the casing to the back of a porter, a plurality of plates vertically slidable in said casing each plate having a horizontal slot near its lower end, a pair of brackets arranged in horizontal alignment on one side of said casing, a horizontal hollow axle rotatable in said brackets and having a longitudinal slot, a piston slidable in said axle, a handle carrying said piston and projecting from the front end of said axle, said handle adapted to shift said piston in said axle and rotate said axle, a nose on said piston projecting through said slot, a plurality of hubs arranged side by side on said axle each hub having a slot designed to receive the end of said nose projecting through the slot in said axle, to lock said hubs against independent rotation in relation to said axle, levers each fixed at one end to one of said hubs, and rollers one mounted on the other end of each lever and each shiftably engaging in the slot in one of said plates, an extension on the front end of said axles having a longitudinal slot with a plurality of notches adapted to lock said handle in its ad-



justed position with the nose of said piston in engagement with the hub of one of said levers, and a handle on the front end of said extension adapted to turn said extension and said axle with the hub engaged by said nose to swing upwards the lever carried by said hub and raise one of said plates through the intermediary of the roller on the other end of this lever.

2,134,301

UNIVERSAL UTILITY EXTENSION MOP

Carl F. Guggenbuehler, New York, N. Y.

Application March 12, 1936, Serial No. 68,416
2 Claims. (Cl. 306—19)



2. In a cleaning device of the character described, the combination of a handle, a plate having rigid connection with one end of said handle, said plate having a transverse slot formed in its plane surface, a cage member positioned over the plate and having guide means for permitting longitudinal slideable movement of the member on the plate, said cage member having a bayonet slot formed in its surface, said slot comprising longitudinal and transverse portions, the latter normally coinciding in position with the transverse slot of the plate, a looped saddle projecting from the end of said cage member for receiving the connecting end of a cleaning implement, and a connecting means extended through the slots of the plate and the cage member so that when said connecting means projects through the transverse portions of the slots, the looped saddle

will engage over the plate so as to positively connect the cleaning implement with the end of the handle, whereas when the connecting means is in alignment with the longitudinal portion of the bayonet slot, the cage member with looped saddle can be slid forward on the plate so as to release the connecting end of the cleaning implement.

2,134,302

GASKET

Fred L. Haushalter, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

Application November 19, 1936, Serial No. 111,636
3 Claims. (Cl. 288—1)



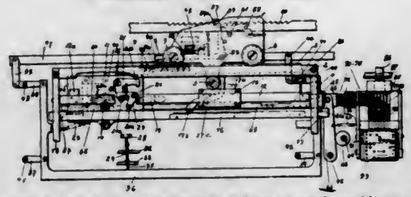
1. A plasticized gamma polyvinyl chloride sealing ring as an oil seal on the shaft of a hydraulic shock absorber.

2,134,303

SIGNAL STORAGE TAPE MARKING MACHINE

Karl Höper, Berlin-Charlottenburg, Germany, assignor to M. Erich Blume, Leipzig, Germany

Application June 18, 1937, Serial No. 148,924
In Germany June 26, 1936
5 Claims. (Cl. 164—112)



1. In a keyboard operated tape perforating machine or the like of the type having an intermediate pattern frame composed of elements which may be operated to form a temporary pattern representing a line of printing, in combination with tape perforating means, a reciprocable selector carriage, a reciprocable translator carriage, adapted to control said tape perforating means, and a pattern frame of said machine, a reciprocable adjustable stop device for said last named carriage to limit its forward travel, means to advance said device in accordance with the operation of certain elements of said pattern frame, said device including means to cause it to return with said last named carriage towards said first named carriage upon termination of the forward travel of said last named carriage.

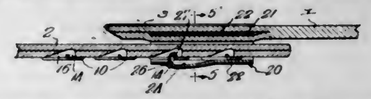
2,134,304

BELT FASTENING

Webster Jones, Norwood, Mass.

Application October 1, 1936, Serial No. 103,498
9 Claims. (Cl. 24—206)

1. A belt comprising concealed fastening means to hold the ends of the belt in overlapping relation, said means comprising a bail member extending inwardly from the overlapping belt end, said bail member having a bight portion spaced inwardly from said end of the belt and being shaped to receive the overlapped end of the belt,



interfitting means carried by said bight portion and the inner surface of the overlapped end detachably to secure the belt ends together, and yielding means also carried by the bight portion tending to disengage said interfitting means.

2,134,305

METHOD OF MANUFACTURING HARD METAL ALLOYS

Richard Kieffer, Reutte, Austria, assignor to The American Cutting Alloys, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application March 27, 1936, Serial No. 71,183
4 Claims. (Cl. 75—137)

1. A method of producing a hard body containing auxiliary metal and carbide in desired ratio of one to four elements capable of forming hard carbides, said elements being tungsten, molybdenum, tantalum, titanium, silicon, boron, zirconium, columbium, chromium, comprising the steps of heating auxiliary metal and one to four ores containing oxides of said elements selected in desired ratio, in presence of carbon in an amount sufficient to reduce the oxides of said hard carbide forming elements present in said ores and to convert the reduced elements into carbide, said heating performed to such an extent and temperature as to melt said ores and auxiliary metal and thereby to separate said oxides from said ores, to reduce said oxides and to convert the elements so obtained into carbide, thereupon separating the carbide thus obtained from the remains of said ores, and comminuting and sintering said carbide in desired shape.

2,134,306

LUBRICATION

Arthur Walther Lewis, Elizabeth, N. J., assignor to Tide Water Associated Oil Company, Bayonne, N. J., a corporation of Delaware

No Drawing. Application December 8, 1936, Serial No. 114,769
10 Claims. (Cl. 87—9)

1. The method of lubricating bearings comprising alloys having substantially the corrosion susceptibility characterizing cadmium-silver, cadmium-nickel and copper-lead alloys, which consists in applying to the bearing surfaces lubricant comprising mineral hydrocarbon oil of a character normally tending to corrode said alloys and having incorporated therein beta naphthonitrile in proportion effective to inhibit corrosion of said bearing surfaces during the lubrication thereof.

2,134,307

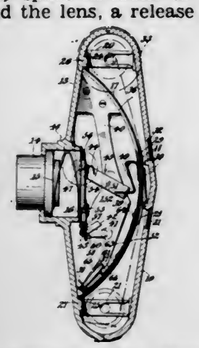
CAMERA WITH FOCAL-PLANE SHUTTER

Alfred Croger Mayo, Richmond, England, assignor to Purma Cameras Limited, London, England, a British company

Application June 29, 1937, Serial No. 150,924
In Great Britain February 6, 1936
3 Claims. (Cl. 95—55)

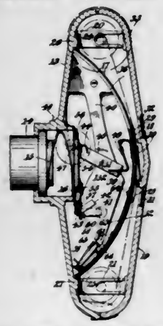
1. In a camera the combination of a guide-plate containing a picture-aperture against the

back of which the sensitive surface is located, a rigid slidable shutter-plate working close in front of the guide-plate and provided with a permanently open exposure-slot, means to move the shutter-plate into a set position on one side of the exposure-aperture, a trip member to engage the shutter-plate and hold it in set position and to release said shutter-plate to make the exposure by a return movement, which trip member is located in the space in front of the shutter-plate and behind the lens, a release trigger pro-



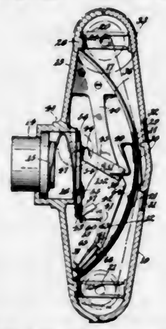
jecting into the interior of the camera from the outside into operative relation with the trip member, a safety shutter close to and behind the lens of the camera and means located in the said space behind the lens and in front of the shutter-plate, which means operatively connect said safety shutter to the release trigger so that the safety shutter is opened when the release trigger is pressed prior to the release of the shutter but is closed to prevent exposure of the film during the setting movement.

2,134,308
PROTECTIVE DEVICE FOR PHOTOGRAPHIC CAMERAS
Alfred Croger Mayo, Richmond, and Joseph Terrett, London, England, assignors to Purma Cameras Limited, London, England, a British company
Application January 10, 1938, Serial No. 184,196
In Great Britain February 6, 1937
4 Claims. (Cl. 95—55)



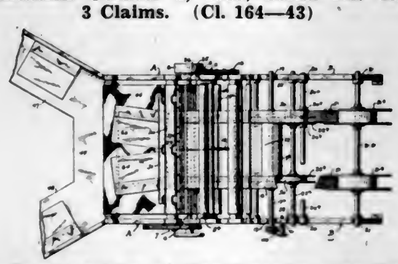
1. In a camera the combination of a camera body a shutter-plate movably mounted therein so as to work close to the focal plane of the camera, a lens mounting in the front of the camera body capable of moving forward into operative position or of being retracted into the body when not in use, an auxiliary safety shutter-plate within the camera body behind the lens mounting, said auxiliary shutter-plate being mounted for movement parallel to its own plane transverse to the lens axis, a release for the shutter-plate, which release is also operatively connected to the auxiliary safety shutter-plate so as to move it out of the way from behind the lens mounting before releasing the shutter-plate and an abutment upon the auxiliary safety shutter-plate to engage the back of the lens mounting when the lens mounting is in its retracted position to prevent movement of said auxiliary shutter-plate.

2,134,309
FOCAL-PLANE CAMERA SHUTTER MECHANISM
Alfred Croger Mayo, Richmond, and Joseph Terrett, London, England, assignors to Purma Cameras Limited, London, England, a British company
Application January 11, 1938, Serial No. 184,424
In Great Britain February 6, 1937
4 Claims. (Cl. 95—55)



1. In a camera the combination with a slidable shutter-plate, an exposure-slit therein and means for moving the shutter-plate to make an exposure of means for modifying the width of the slit comprising a second plate mounted upon the shutter-plate so as to be movable relatively thereto and to overlap the slit more or less in combination with a pendulous weight mounted upon one of the said plates and mechanism operatively interconnecting the pendulous weight and the other said plate to determine the position of the sliding plate relatively to the slit.

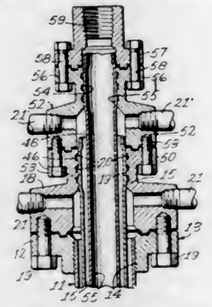
2,134,310
SHEET CUTTING AND PANELING MACHINE
Leigh J. McGrath, San Mateo, Calif., assignor to Zellerbach Paper Company, San Francisco, Calif., a corporation of Nevada
Application October 1, 1935, Serial No. 43,043
3 Claims. (Cl. 164—43)



1. In a machine of the character described a stationary elongated cutting blade and a co-operating movable blade, each blade consisting of two sections positioned end to end to assume

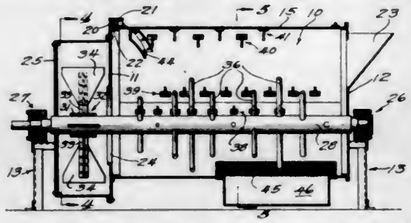
an angle with relation to each other in a longitudinal direction so that when the movable blade approaches the stationary blade the cutting operation will be from the center and outwardly.

2,134,311
METHOD AND APPARATUS FOR SUSPENDING AND SEALING WELL CASINGS
Burt S. Minor, San Pedro, and Otto B. Kibele, Wilmington, Calif., assignors to Regan Forge & Engineering Company, a corporation of California
Application May 22, 1936, Serial No. 81,190
5 Claims. (Cl. 166—14)



1. The method of suspending and sealing a casing within a well which includes: providing a permanent suspension member having an interrupted inner face; suspending said casing through said suspension member by temporary suspension means; and during such suspension, deforming the casing wall between its ends into engagement with the interrupted inner surface of said suspension member and subsequently removing the temporary suspension means.

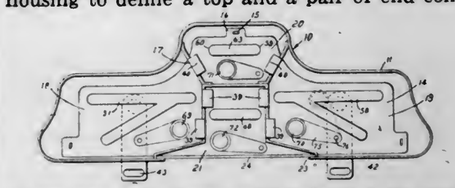
2,134,312
FIBER PICKER
Morris Mudrick, Los Angeles, Calif.
Application November 6, 1935, Serial No. 48,484
2 Claims. (Cl. 19—90)



1. In a device of the character described, a drum, a shaft, means to rotatably carry said shaft in said drum, a plurality of beater bars carried by said shaft, two rows of teeth on the inner wall of said drum, each tooth of the first row located to the side of the other row from which the beater bars are moved being inclined in the direction of rotation of said shaft, and each tooth of said second row of teeth being inclined in the direction of rotation of said shaft to a lesser degree with respect to the wall of said drum than the teeth of said first row.

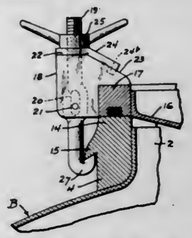
2,134,313
AUTOMOBILE OR HIGHWAY SIGNAL
James C. Nordgran, Salt Lake City, Utah
Application March 6, 1937, Serial No. 129,421
2 Claims. (Cl. 177—327)

1. In a safety signal, a housing including front, back, upper and lower portions, a partition member in said housing having its ends engaging the lower portion and extending upwardly to form a middle compartment, a pair of spaced partition members each engaging the first mentioned partition member and the upper portion of the housing to define a top and a pair of end com-



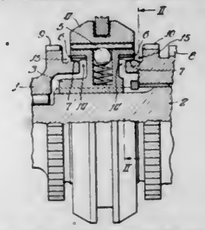
partments, said front portion having an overhanging peripheral portion and a retaining peripheral flange spaced therefrom, translucent closures for said compartments, said closures engaging between said overhanging portion, said retaining flange and said partitions.

2,134,314
CLOSURE FOR TANK APERTURES
Edward M. O'Donnell, San Francisco, Calif.
Application February 21, 1938, Serial No. 191,702
2 Claims. (Cl. 220—55)



1. The combination with a container having an opening formed therein of a rim member secured to the container and surrounding the opening, a cover seated on the rim and forming a closure for the opening, a plurality of bolts pivotally mounted on the cover and having hook-shaped lower ends movable into and out of engagement with the rim, said bolts being longitudinally movable with relation to their pivots, a nut on each bolt to draw the cover tight, and means for securing the bolts against pivotal movement when their lower hook-shaped ends have been swung outwardly away from the rim.

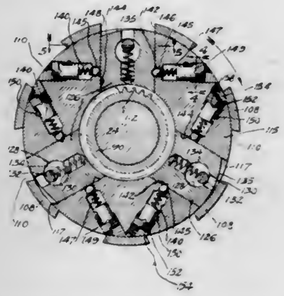
2,134,315
TRANSMISSION SYNCHRONIZER
William B. Osborne, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application September 23, 1936, Serial No. 102,072
5 Claims. (Cl. 192—53)



1. As an article of manufacture, a synchronizing member having a substantially annular

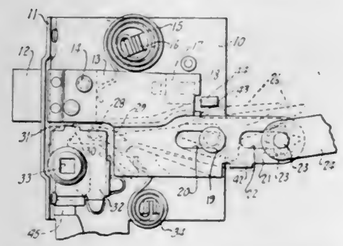
gripping surface traversed by a dovetail slot providing an edge adapted to wipe oil from a complemental surface and also providing an enlarged conduit for the wiped oil.

2,134,316
AUTOMATIC TRANSMISSION
Carl F. Rauen, Grosse Pointe, and Ano E. Kilpela, Detroit, Mich., assignors, by mesne assignments, to Borg-Warner Corporation, a corporation of Illinois
Application August 3, 1933, Serial No. 683,450
14 Claims. (Cl. 192—105)



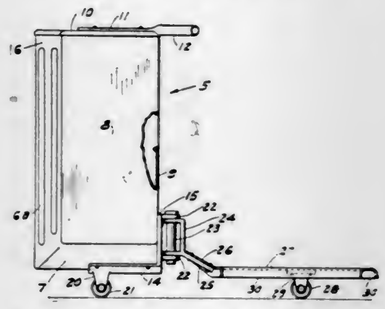
1. Transmission mechanism comprising a pair of members adapted to be connected for rotation together and initially driven at different rates, one of said members being provided with a bolt engaging recess and the other of said members constituting a centrifugally operable clutch member comprising a core having a plurality of radially disposed grooves, a centrifugally operable bolt for each of said grooves and provided with an aperture between the faces thereof, said centrifugally operable bolt being movable into said recess for connecting said members together, a pin carried by said core and projecting into said aperture, and a spring disposed between said pin and said bolt and tending to oppose movement of said bolt under the action of centrifugal force resulting from rotation of said core.

2,134,317
VEHICLE DOOR LATCH
Holden W. Rightmyer, Toledo, Ohio, assignor to The American Swiss Company, Toledo, Ohio, a corporation of Ohio
Application November 26, 1937, Serial No. 176,572
4 Claims. (Cl. 292—164)



1. A vehicle door latch comprising a case plate, a spring-tensioned latch bolt movable over said case plate, inside operated retracting means having lost motion relative to said latch bolt in a non-bolt retracting direction, an outside operated retractor including a plate slidable relative to said case plate, a mounting for said slidable plate affording rocking movements thereof, means on said slidable plate engageable by said inside operated retracting means upon such lost motion for imparting rocking movement to said slidable plate in one direction, and abutment means engageable by said slidable plate upon rocking movement thereof for blocking retracting movement on said outside operated retracting means.

2,134,318
SCOOTER
John C. Ruzich, San Diego, Calif.
Application July 31, 1937, Serial No. 156,715
1 Claim. (Cl. 280—87.04)



In a scooter an upstandable body having a rearwardly extending handle bar mounted upon its upper portion and having bottom surfaces which meet along its mid-width in a downwardly directed angle, an angular casting into the angle of which the rear bottom portion of said body is fitted and to which it is secured, a ground wheel secured to the portion of said casting which underlies said body, the upstanding portion of said casting having rearwardly projecting apertured ears, a wheel-supported foot stand, and a pivot extending through said ears and attaching said foot stand to said body.

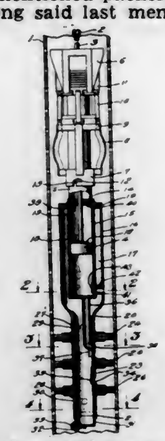
2,134,319
METAL TREATMENT
Morris D. Stone, Pittsburgh, Pa., assignor to United Engineering & Foundry Company, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application April 1, 1937, Serial No. 134,336
10 Claims. (Cl. 148—8)

1. A method of treating metal comprising pickling it, and oiling it while it is wet.

2,134,320
WELL CLEANER
Claude C. Taylor, Whittier, Calif.
Application November 27, 1933, Serial No. 699,883
26 Claims. (Cl. 166—20)

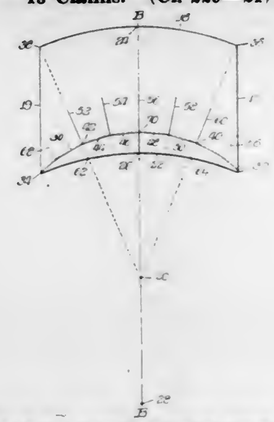
1. In a well cleaner, the combination of a plurality of packers concentrically mounted in spaced relation with each other, a tubular support for said packers, anchoring means to removably lock said packer-support at a selected position within a well, a cylinder, a piston adapted to be reciprocated within said cylinder, a conduit from one end of said cylinder to a space between two of said packers, a valve controlling said conduit against inward flow, a conduit from the other end of said cylinder to a space between

one of the last mentioned packers and another, a valve controlling said last mentioned conduit



against outward flow, and means to reciprocate said piston.

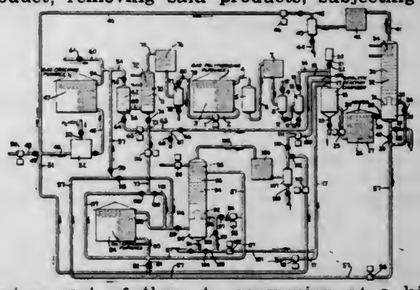
2,134,321
RECEPTACLE
Walter E. Amberg, Chicago, Ill., assignor to Universal Paper Products Company, Chicago, Ill., a corporation of Illinois
Application December 28, 1936, Serial No. 117,719
13 Claims. (Cl. 229—21)



1. A blank for forming single piece receptacles having a flat polygonal base, said blank comprising an arcuate convex side and an arcuate concave side having equal radii with the centers of said arcuate sides on the same vertical axis outside of the blank, parallel side edges, and side wall fold lines defined by straight lines between the center of radius of curvature of the convex side and the intersections of said side with the parallel side edges.

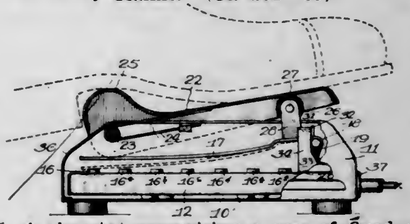
2,134,322
TREATMENT OF HYDROCARBONS
Harold V. Atwell, White Plains, N. Y., assignor to Process Management Company, Inc., New York, N. Y., a corporation of Delaware
Application October 26, 1934, Serial No. 750,056
5 Claims. (Cl. 196—10)

1. The process of producing low-boiling normally liquid hydrocarbon oil from gases containing olefins, which comprises subjecting said gases to elevated temperature and high pressure to effect a polymerization of a substantial portion of said olefins to normally liquid products, removing normally liquid products of polymerization, subjecting remaining gases to reaction in the presence of a catalytic condensing agent with relatively heavy hydrocarbon oil containing residual constituents to effect the formation of normally liquid hydrocarbon oil products of higher boiling-point range than the desired final product, removing said products, subjecting at



least a part of them to conversion at a high cracking temperature to produce gaseous olefins and relatively heavy hydrocarbon oil, separating said last-mentioned oil from other products, supplying it, at least in part, for reaction with said remaining gases in the presence of said catalytic condensing agent, and recycling gaseous olefins thus produced for subjection to said elevated temperature and high pressure to effect a further polymerization thereof to low-boiling normally liquid hydrocarbon oil.

2,134,323
RHEOSTAT
Royal A. Beach, Racine, Wis., assignor to The Dumore Company, Racine, Wis., a corporation of Wisconsin
Application April 15, 1936, Serial No. 74,583
7 Claims. (Cl. 201—55)

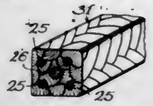


1. A rheostat comprising a row of fixed contacts, a resistor, connections from said contacts to different parts of said resistor, a switch arm having a curved surface to rock over said contacts, a pivoted support for said switch arm, connected to one end only thereof and normally holding said end at a distance from said contacts, with the free end closer thereto but also out of engagement therewith, a yielding mounting for said pivotal support and a foot pedal connected to said pivotally supported end to press said switch and arm toward said contacts and rock said arm over said contacts from said other end toward said pivotally mounted end.

2,134,324
DRY GRAPHITE LUBRICATED FABRIC PACKING
Newell Brackett, Philadelphia, Pa.
Application December 14, 1937, Serial No. 179,762
4 Claims. (Cl. 96—26)

1. A packing comprising small strands of fibrous material, each of which is impregnated

with a heat treated binder and also coated and partially impregnated with graphite, said strands



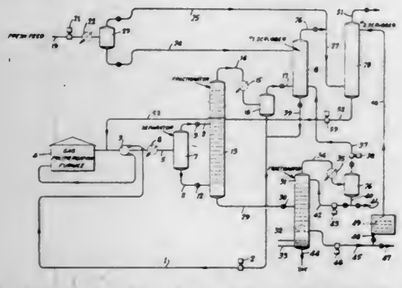
being twisted together and intertwined with other twisted strands in the form of an elongated packing lubricated throughout.

2,134,325

MANUFACTURE OF GASOLINELIKE HYDROCARBONS

Horace B. Cooke, Greenwich, Conn., assignor to Process Management Company, Inc., New York, N. Y., a corporation of Delaware

Application February 15, 1936, Serial No. 64,070
8 Claims. (Cl. 196—10)



5. A process of producing normally liquid gasoline-like constituents from normally gaseous hydrocarbons which comprises subjecting said normally gaseous hydrocarbons to elevated temperatures and pressures to effect polymerization thereof into gasoline-like constituents, separating the products of polymerization into a normally gaseous fraction and a normally liquid fraction, passing at least a part of the normally gaseous fraction to a scrubbing zone, introducing normally gaseous hydrocarbons under pressure sufficient to liquefy heavy constituents thereof into the system as fresh charging stock therefor, effecting a separation between liquefied heavy constituents and gaseous constituents of the fresh charging stock, passing the liquefied constituents directly to the scrubbing zone as a liquid absorbent for the gases passing therethrough, subjecting the liquid absorbent and gases contained therein to elevated temperatures and pressures to effect polymerization thereof into normally liquid gasoline-like constituents, passing unabsorbed gases from said scrubbing zone to a second scrubbing zone, introducing a hydrocarbon oil into the second scrubbing zone as a liquid absorbent therefor, and admixing said hydrocarbon oil containing absorbed gases from the second scrubbing zone with products of polymerization prior to separation thereof.

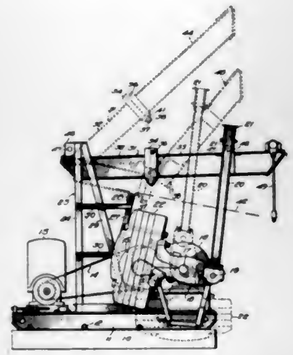
2,134,326

PUMPING APPARATUS

Robert Griffin De La Mater, Parkersburg, W. Va., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va., a corporation of West Virginia

Application May 12, 1936, Serial No. 79,376
21 Claims. (Cl. 74—41)

1. A walking beam for pumping apparatus comprising a pair of beam sections arranged in end to end relation, and a horizontal hinge connecting the adjacent end portions of the beam to mount the beam sections for relative swing-



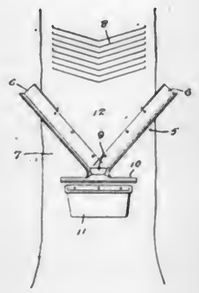
ing movement in a vertical plane, and counterbalance means tending to swing one of said beam sections with relation to the other.

2,134,327

SAP COLLECTING GUTTER

William W. Denton, Russell, Fla.

Application December 15, 1937, Serial No. 179,993
2 Claims. (Cl. 47—11)



1. A gutter fashioned with a pair of diverging sections having angularly disposed longitudinally extending sides equipped with inner faces and integrally fashioned together at one end to form a depending neck portion laterally bounded by said sides, said neck portion fashioned with a discharge port extending therethrough between said inner faces of said sides, said sections adapted to embrace the trunk of a tree subjacent a sap-emitting kerf to form an apron on said trunk of the area between said sections whereby to receive sap from said apron for discharge through said port.

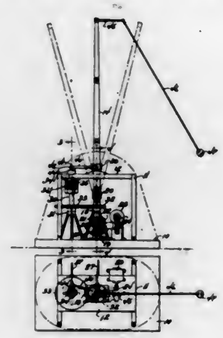
2,134,328

PRACTICE APPARATUS

Frank H. Dickson, Auburn, N. Y.

Application June 30, 1937, Serial No. 151,278
4 Claims. (Cl. 273—26)

1. An apparatus of the kind described comprising an upstanding pole, means rotatably supporting said pole, a flexible sling element connected with the pole at the uppermost portion thereof, means for rocking the pole during rotary



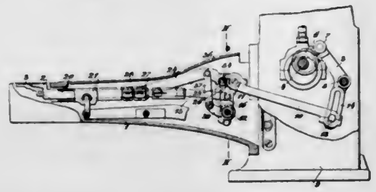
movement thereof, and a striking object carried by said sling element.

2,134,329

DIFFERENTIAL MATERIAL FEEDER FOR SEWING MACHINES OF THE SUPPORTING ARM TYPE

Fritz Ebert, Oberndorf-on-the-Neckar, Germany, assignor to Mauser-Werke A.-G., Oberndorf-on-the-Neckar, Germany, a joint-stock company of Germany

Application August 18, 1936, Serial No. 96,681
In Germany September 20, 1935
5 Claims. (Cl. 112—209)



1. A differential feeding mechanism for sewing machines comprising a supporting arm, main and auxiliary material feeders, means mounted on an axle for operating the said auxiliary feeder, a support for the said feeder, an externally operated lever for varying the differential effect of the said auxiliary feeder, the said lever being mounted on the said axle, a lever system located within the said supporting arm, a sleeve on said axle for transmitting the rotary movement of the said externally operated lever to the said lever system, and a link co-operating with the said sleeve and engaging with the said support by means of a connecting rod, the said sleeve also acting as a collar for the said lever system so that the latter may be exactly adjusted in relation to the said support.

2,134,330

FLAT HEAD PLUG

Louis Fink, Cut Bank, Mont.

Application August 14, 1936, Serial No. 96,111
1 Claim. (Cl. 43—46)

An artificial bait, comprising a plug having one end beveled to a flat head, hooks pivoted to the underside of said plug, a line attaching member secured to said plug, a rotatable plate secured to said flat head by said member, and a pin for maintaining said plate in adjusted position rela-



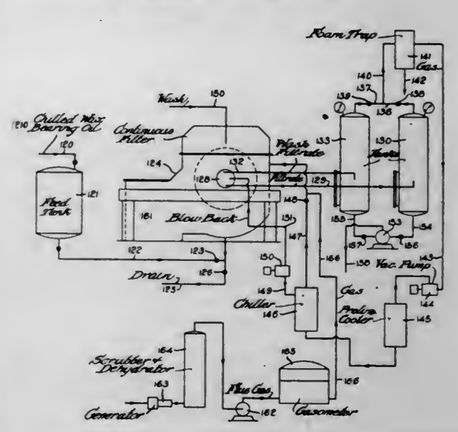
tive to said head whereby to vary the action of said plug in the water.

2,134,331

SEPARATION OF WAX FROM MINERAL OIL BY FILTRATION

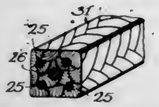
William P. Gee, Plainfield, N. J., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

Application March 31, 1934, Serial No. 718,347
4 Claims. (Cl. 196—19)



2. The method of continuously separating wax from a wax slurry on a rotary filter element mounted within a filter casing having an enclosing cover, which comprises immersing said element in a wax slurry under a pressure differential sufficient to force filtrate through the element and to build up a wax cake thereon, removing the filter cake from the slurry, washing said filter cake, drying said cake by means of a stripping gas, continuously removing said cake from said element, introducing a stripping medium into said casing to provide a chilled gaseous atmosphere therein between said filter casing with enclosing cover and said filter element, which gaseous atmosphere is at a temperature approximating that of the wax slurry being filtered and supplies said stripping gas, and regulating the pressure of the said gaseous atmosphere and the pressure differential through said filter element to maintain a pressure differential through said filter element which is less than 20#/sq. in. to avoid objectionable compression of the said wax cake on the filter element.

with a heat treated binder and also coated and partially impregnated with graphite, said strands



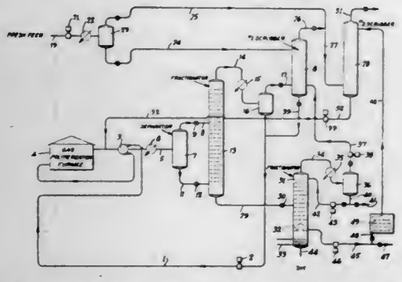
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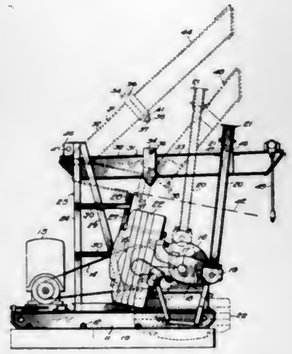
2,134,326

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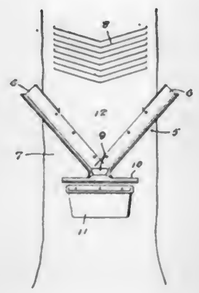
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2,134,327

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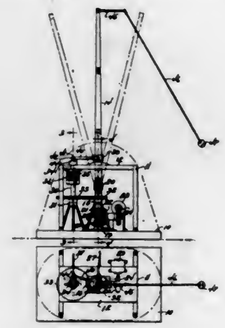
2,134,328

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Application June 30, 1937, Serial No. 151,278
4 Claims. (Cl. 273—26)

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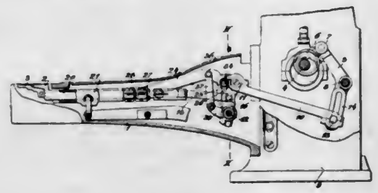
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2,134,329

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2,134,330

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1 Claim. (Cl. 43—46)

An artificial bait, comprising a plug having one end beveled to a flat head, hooks pivoted to the underside of said plug, a line attaching member secured to said plug, a rotatable plate secured to said flat head by said member, and a pin for maintaining said plate in adjusted position rela-



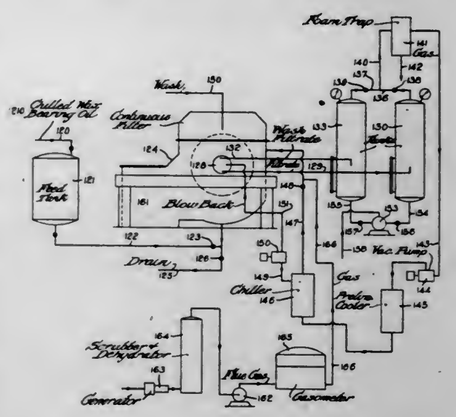
tive to said head whereby to vary the action of said plug in the water.

2,134,331

SEPARATION OF WAX FROM MINERAL OIL BY FILTRATION

William P. Gee, Plainfield, N. J., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

Application March 31, 1934, Serial No. 718,347
4 Claims. (Cl. 196—19)



2. The method of continuously separating wax from a wax slurry on a rotary filter element mounted within a filter casing having an enclosing cover, which comprises immersing said element in a wax slurry under a pressure differential sufficient to force filtrate through the element and to build up a wax cake thereon, removing the filter cake from the slurry, washing said filter cake, drying said cake by means of a stripping gas, continuously removing said cake from said element, introducing a stripping medium into said casing to provide a chilled gaseous atmosphere therein between said filter casing with enclosing cover and said filter element, which gaseous atmosphere is at a temperature approximating that of the wax slurry being filtered and supplies said stripping gas, and regulating the pressure of the said gaseous atmosphere and the pressure differential through said filter element to maintain a pressure differential through said filter element which is less than 20#/sq. in. to avoid objectionable compression of the said wax cake on the filter element.

2,134,332
CURTAIN ROLL CUTTER
Gustaf E. Hubbard, Batavia, Ill.; Freda C. Hubbard executrix of said Gustaf E. Hubbard, deceased
Application February 4, 1937, Serial No. 124,152
2 Claims. (Cl. 143—86)



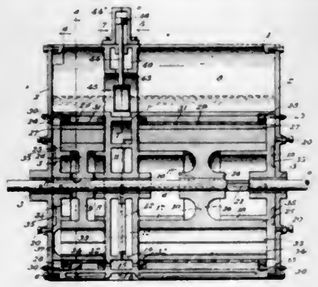
1. A device of the character described for determining a point at which a curtain roll is to be cut, including: an elongated base having two linear scales graduated thereon in the same units but about $\frac{1}{8}$'' out of registry with each other; a block on one end of said base having a supporting slot therethrough parallel to said scales and a guide slot therethrough perpendicular to said scales, said guide slot being located between the zero points of said scales, the distance between the zero points and said guide slot being adapted to compensate for inside and outside curtain roll brackets; a second block slidably mounted on said base adjacent said scales and adapted to be set at a predetermined desired graduation on either of said scales; means for locking said block at the point at which it is set; and means on said slidable block for supporting one end of said roll when said roll lies in said supporting slot.

2,134,333
WAXLIKE SUBSTANCE AND PROCESS FOR PREPARING SAME
Michael Jahrstorfer, Mannheim, and Georg Schwarte, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application July 28, 1933, Serial No. 682,670. In Germany August 6, 1932
17 Claims. (Cl. 87—19)

1. The process for the production of wax-like substances which comprises subjecting a mixture of aliphatic acyl compounds, in which the product of the number of carbon atoms multiplied with the number of acyl groups is at least 10, to a condensing-splitting treatment in the liquid phase in the presence of a catalyst capable of splitting off carbon dioxide from organic oxygenated substances, thus forming direct carbon chains containing more carbon atoms than those of the initial oxygenated compound, the oxygen containing group of the reaction product being hydrogenated.

2,134,334
EXTERNAL COMBUSTION ENGINE
Ray A. Jones, Colmar, Ky.
Application July 21, 1934, Serial No. 736,422
4 Claims. (Cl. 60—45)

1. A rotary external combustion engine including a casing having a power takeoff shaft journaled therethrough and which casing is divided by partitions into end chambers, a lubricant sump between said end chambers, a boiler above said chambers, a steam dome above the boiler and receiving steam therefrom, a transfer chamber below the steam dome and having its ends communicating with the end chambers, spring influenced and oppositely opening valves between the steam dome and transfer chamber and one of said valves acting to admit excessive pressure to the dome from said transfer chamber, a compressor rotor on the shaft in one of the end chambers, a power developing rotor on the shaft in the second end chamber, each of said rotors having peripheral teeth and surrounding ring members provided with inner peripheral teeth in engagement with those of the rotors and eccentrically engaging with the rotor teeth, means for directing a fuel charge into the chamber for the compressor rotor to be compressed by



said rotor, means for exploding the compressed fuel charge prior to its entrance into the transfer chamber and onto the power developing rotor, means for introducing steam from the dome into the transfer chamber by the opening of the other of said valves whereby the steam and burning gases are intermingled, means for directing the spent gases from the chamber for the power developing rotor, and lubricant conducting means extending from the lubricant sump for supplying lubricant therefrom onto the shaft and onto the rotors.

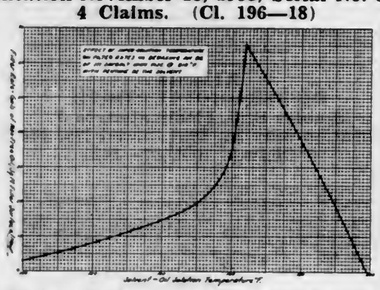
2,134,335
RUBBERLIKE PRODUCT
Harvey G. Kittredge, Dayton, Ohio, assignor to The Kay & Ess Chemical Corporation, Dayton, Ohio, a corporation of Delaware
No Drawing. Application January 6, 1937, Serial No. 119,310
4 Claims. (Cl. 260—22)

1. A product obtained by reacting a polymer of vegetable oil substantially completely heat-polymerized to a gelatinous stage, glycerol and phthalic anhydride.

2,134,336
DEWAXING MINERAL OIL
Edwin C. Knowles, Beacon, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Application November 18, 1935, Serial No. 50,407
3 Claims. (Cl. 196—18)

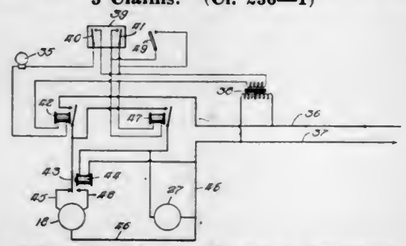
1. The method of dewaxing a wax-bearing mineral oil which comprises mixing the oil with a selective solvent having complete selective action as between wax and oil at about 0° F., incorporating in the mixture a small amount of wax crystal modifying material, heating the mixture to a temperature of around 160 to 170° F. such that upon chilling to about 0° F. and filtering a wax cake is secured having a volume not more than about one-half the volume secured by heating only to about said apparent solution temperature, chilling the mixture to about 0° F. or below, and filtering out the wax thus precipitated.

2,134,337
DEWAXING MINERAL OIL
Edwin C. Knowles, Beacon, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Application November 18, 1935, Serial No. 50,409
4 Claims. (Cl. 196—18)



1. The method of dewaxing wax-bearing mineral lubricating oil which comprises diluting the oil containing wax crystal modifying material with a solvent comprising mainly pentane, heating the mixture to a temperature in the range of 158° to 184° F., chilling the heated mixture to a temperature of the order of 0° F. and below to precipitate wax constituents therefrom, removing the wax constituents thus precipitated, and removing the solvent from the dewaxed oil.

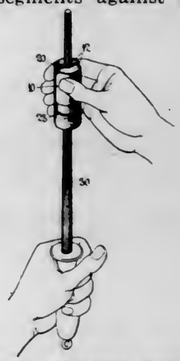
2,134,338
AIR CONDITIONING SYSTEM
Maxwell F. May, Palos Park, Ill.
Application April 17, 1937, Serial No. 137,635
5 Claims. (Cl. 236—1)



4. Apparatus of the character described, including: an air duct adapted to supply air to a room; heat transfer means in said duct; means for tempering said air, said means including a gravity flow of hot water through said heat transfer means; temperature responsive demand means in said room; means for forcing a gentle current of air through said duct upon a demand from said temperature responsive means; a pump for increasing the flow of hot water; means for rendering said pump operative and for forcing a strong current of air through said duct upon a more urgent demand from said temperature responsive means; and by-pass means around said pump to facilitate said gravity flow, said by-pass means including valve means preventing short circuiting of said pump during operation thereof.

2,134,339
DEVICE FOR CONDITIONING AND SHARPENING IMPLEMENTS
Robert T. McDonald, Hornell, N. Y., assignor of one-half to Eugene E. Grimm, Franklin, Pa.
Application September 25, 1935, Serial No. 42,087
3 Claims. (Cl. 51—204)

1. A device for conditioning blade sharpeners comprising a plurality of oblong contiguous segments recessed longitudinally in their opposed faces to form a longitudinal opening therethrough, projections and openings being formed on the opposed faces of the segments and normally engaged in loosely interfitting relation to maintain the segments against relative longi-

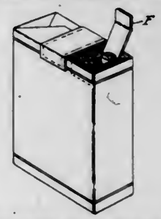


tudinal movement, resilient means constituting the sole support for said segments and yieldably maintaining the segments in opposed assembled relation, the surfaces of the segments defining the opening being composed of abrasive material for upsetting the surface of a sharpening tool frictionally forced through the opening.

2,134,340
HEAT INSULATION
Jesse Hopkins Plummer, Newark, Ohio, assignor to Owens-Illinois Glass Company, a corporation of Ohio
No Drawing. Application October 3, 1935, Serial No. 43,389. Renewed April 1, 1938
11 Claims. (Cl. 154—44)

1. An insulating material comprising a base of inorganic solid material in open formation presenting a large surface area dispersed throughout the body of said material, and a comminuted loading material forming a coating for said surface, said loading material being a substance which is transparent to the portion of the infra-red rays within the zone of greatest heat energy.

2,134,341
PROTECTOR DEVICE FOR CIGARETTES IN A PACKAGE
Harry J. Rock, Carteret, N. J.
Application August 28, 1937, Serial No. 161,508
1 Claim. (Cl. 206—41)



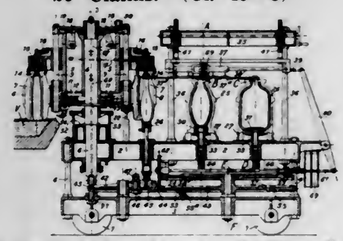
A cigarette package comprising a wrapper and an enclosed pack of cigarettes, a member within the wrapper and embracing the pack, said member being formed of stiff bendable material and including a top portion and depending side portions, each portion being of channel shape in cross section, the ends of the flanges of the top

portion overlapping the upper ends of the flanges of the side portions, and a flap formed at one end of the top portion, said flap having one end connected by a fold line with an edge of the top part of the top portion, the other end of the flap being folded and forming a portion of the adjacent flange of said top portion, said flap acting as a cover for the cigarettes when an opening is formed in the package above the flap.

2,134,342
MACHINE FOR THE MANUFACTURE OF BLOWN GLASS ARTICLES OF GREAT CAPACITY

Emile Roirant, Paris, France, assignor to Societe Anonyme d'Etudes et de Constructions d'Appareils Mecaniques pour la Verrerie, Paris, France

Application January 2, 1936, Serial No. 57,263
In France April 18, 1935
20 Claims. (Cl. 49—5)

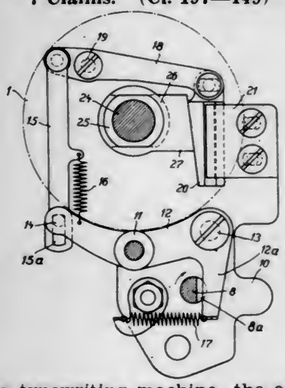


1. A machine for the manufacture of hollow glass articles of large capacity, comprising a plurality of parison moulds receiving an intermittent movement of rotation about one and the same vertical axis, said parison moulds drawing the glass by suction and cooperating successively for delivering parisons to a single finishing mould.

2,134,343
DEVICE FOR VARYING THE STRENGTH OF THE TYPE IMPRESSION IN TYPEWRITING OFFICE MACHINES

Andreas Salzberger, Erfurt, Germany, assignor to Olympia Buromaschinenwerke A. G., Erfurt, Germany

Application November 26, 1937, Serial No. 176,746
In Germany December 11, 1936
7 Claims. (Cl. 197—149)

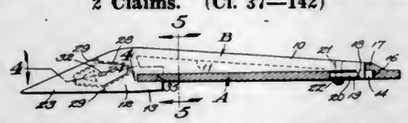


1. In a typewriting machine, the combination with a platen, and means supporting said platen for movement to vary the strength of the type impression, of power means for moving said platen towards one end position of adjustment, an adjustable stop for limiting movement of the platen by said power means, means operable manually to displace said platen from said stop in opposition to said power means, and setting means operable during displacement of said platen from said stop for adjusting said stop in accordance with the impression sheets carried by said platen, said setting means including a feeler contacting the impression sheets.

2,134,344
DIPPER SHOVEL TOOTH

Stanley Seal, Flemington, N. J.

Application May 21, 1937, Serial No. 144,049
2 Claims. (Cl. 37—142)

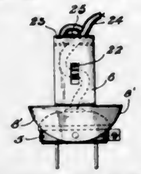


1. A tooth for a digging shovel, dipper or the like having a bottom provided with an opening rearwardly of its lead edge and also having an overhang to said opening, comprising a shank having a front jaw formation for accommodating the lead edge of said bottom, a substantially L-shaped terminal at the rear end of said shank and received in a part of the opening for hooking engagement with the overhang thereto, a plate within said opening and wedged with the said terminal for holding the latter engaged with the overhang to said opening, and a fastener passed through the plate and the shank for separably securing the same together.

2,134,345
ELECTRIC PLUG LIFTER

James J. Sheeran, Brooklyn, N. Y.

Application August 18, 1936, Serial No. 96,688
4 Claims. (Cl. 173—361)



2. An electric connector, including a body portion having contact members adapted to frictionally engage with contacts of a cooperative receptacle, means mounted externally of said body portion adapted to forcibly disconnect the contact members, comprising a split ring adapted to encircle the body portion of the connector, means to clamp the ring in operative position on said body portion, and a crank member pivotally mounted upon the ring, said crank member having an arm formed with a cam surface, said cam surface of the arm contacting with the associated receptacle when the portion of the arm remote from the cam surface is moved about its pivotal point in the direction of the receptacle.

2,134,346
WASHING AND CLEANSING COMPOSITIONS

Fritz Siefert, Mannheim, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

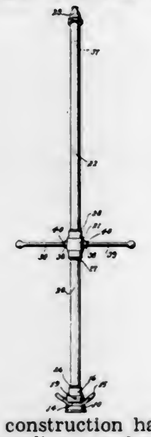
No Drawing. Application August 15, 1933, Serial No. 685,189. In Germany September 6, 1932
17 Claims. (Cl. 87—5)

1. A washing and cleansing preparation essentially consisting of a water soluble sulphuric derivative of an aliphatic compound containing at least 8 carbon atoms and having detergent and wetting properties and a water soluble salt of meta-phosphoric acid.

2,134,347
PLAY PIPE CONSTRUCTION

Wayne B. Thompson, Winchester, Mass., assignor to Spray Engineering Company, Somerville, Mass., a corporation of Massachusetts

Application August 28, 1937, Serial No. 161,460
9 Claims. (Cl. 299—112)

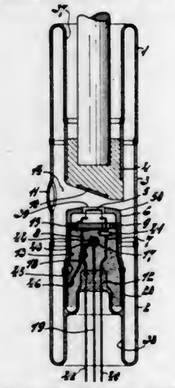


1. A play pipe construction having, in combination, a hose coupling member, piping fixedly connected at one end to the coupling member so as to be stationary throughout relatively thereto, a nozzle for discharging an atomized spray mounted on the other end of the piping so that the axis of spray discharge is angularly disposed to the longitudinal axis of the piping, a handle construction rotatably associated with the coupling member, and means connected to the piping for facilitating its manipulation and for turning it on its said axis to vary the direction of the spray discharge.

2,134,348
HIGH TENSION DISCHARGE TUBE

Jacob Harmannus van der Tuuk, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands

Application March 5, 1936, Serial No. 67,381
In Germany March 21, 1935
2 Claims. (Cl. 250—35)

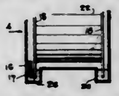


1. A high-tension discharge tube comprising an evacuated envelope, a cathode structure therein comprising a filament and a focusing device cooperating therewith, an electrode spaced from said cathode structure to form a discharge space, said focusing device comprising partitioning means dividing the vacuum space of the tube to form a chamber communicating with the discharge space through a constricted opening, and a getter within the chamber and forming a coating on the walls thereof.

2,134,349
CONDENSATE DISPOSAL MEANS FOR AIR CONDITIONING APPARATUS

Alfred Weiland, Philadelphia, Pa., assignor to Baldwin-Southwark Corporation, a corporation of Delaware

Application August 16, 1935, Serial No. 36,500
4 Claims. (Cl. 62—129)

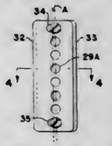


1. The combination in an air conditioning unit comprising, means for accumulating condensate under a low pressure, a blower casing and rotor for circulating air under high pressure, means for transferring the condensate under low pressure from said accumulating means to said blower casing which is under a high pressure, and a peripheral blower flange for throwing the condensate from said blower casing into the path of air circulated by said blower.

2,134,350
COMBINATION BUSHING AND CLAMP

Rew E. Woolley, Shaker Heights, Ohio, assignor to Bailey Meter Company, a corporation of Delaware

Application June 18, 1937, Serial No. 148,930
3 Claims. (Cl. 247—25)



1. A clamp for supporting a conductor comprising a pair of duplicate members having flat mating surfaces and each provided with a passageway through which the conductor passes, and means operating solely between the two members adapted to clamp said members together with said passageways in misalignment whereby the conductor is firmly gripped and supported.

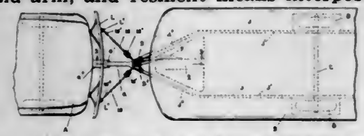
2,134,351
MOTOR VEHICLE TRAILER

David D. Arehart, Flint, Mich., assignor to Palace Travel Coach Corporation, Flint, Mich., a corporation of Michigan

Application October 19, 1936, Serial No. 106,475
9 Claims. (Cl. 280—33.5)

4. The combination with a trailer, of supporting sills therefor having converging forwardly extending portions extending beyond the forward end of the trailer, a king-pin bearing mounted on the forward ends of said sills and extending upward therefrom, a king-pin engaging said bearing having a head at its lower end, an arm extending rearward from said king-pin pivotally attached to said head to permit swinging in a

vertical plane, a wheel supporting the rear end of said arm, and resilient means interposed be-



tween said head and arm for yieldably supporting the load.

2,134,352
MARINE CARRIER
Carl J. Daer, Jefferson Barracks, Mo.
Application January 31, 1936, Serial No. 61,775
3 Claims. (Cl. 114—43.5)



1. A marine carrier comprising a hull, a deck, a gate in the hull for the deck, partitions projecting inwardly from side walls above the deck forming recesses along said walls, a plurality of floating units having straight sides and angular ends on the deck some of which fit in said recesses and all of which fit together to substantially fill said deck space, and means for submerging the carrier to a line above said deck whereby said units may be floated into and out of the carrier and into and out of place on the deck.

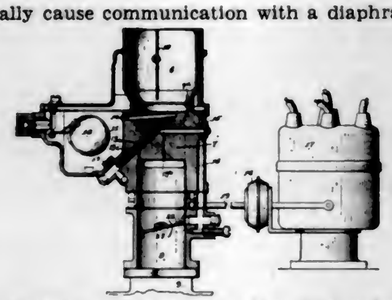
2,134,353
MACHINE FOR MAKING CIGARETTES
Henry James Barker, Upper Holloway, London, England, assignor of one-half to Evans Concinnum Limited, London, England
Application December 24, 1934, Serial No. 758,900
In Great Britain January 3, 1934
1 Claim. (Cl. 131—5)



A cigarette-making machine, comprising a frame having end walls, a stationary roller mounted in said frame, a displaceable roller which is situated adjacent the first-mentioned roller in its operative position, a pair of trunnions carrying the second-mentioned roller, and means connected with said trunnions and said frame for supporting the second-mentioned roller on said end walls, said means being swingable about an axis which is in a plane passing through the axes of the two rollers when the second-mentioned roller is in its operative position.

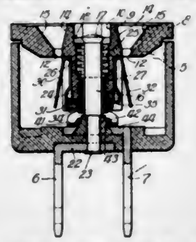
2,134,354
CARBURETOR STRUCTURE
Leonard D. Boyce, Maplewood, Mo., assignor to Carter Carburetor Corporation, St. Louis, Mo., a corporation of Delaware
Application May 29, 1937, Serial No. 145,617
7 Claims. (Cl. 123—117)

1, An improvement in carburetors comprising in part a throttle valve housing, a throttle valve axially positioned therein, of a vacuum port conveniently located its inlet end terminating into an elongated orifice and communicating with the interior of the throttle valve housing and so positioned as to be partly covered by the peripheral edge of the throttle valve and to functionally cause communication with a diaphragm



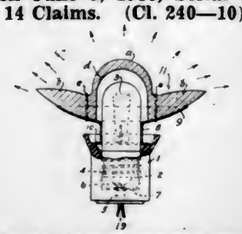
for advancing the spark when the valve is elevated.

2,134,355
SWIVEL ELECTRICAL CONNECTION
Albert E. Caldwell, Galesburg, Ill., assignor to Eby Inventions, Inc., Philadelphia, Pa., a corporation of Pennsylvania
Application July 9, 1934, Serial No. 734,308
10 Claims. (Cl. 173—324)



1. Swiveling connector means for extending electrical circuits from a pair of spaced contact members carried by a rotatable insulating member to a pair of fixed terminals, comprising a central post connected to one of said terminals and having bearing means for supporting said insulating member for rotation thereabout, a contact sleeve carried by said insulating member and having contacting engagement with said post, means for supporting one of said contact members on said sleeve, a second contact member having rotative contacting engagement with the other of said fixed terminals, said second contact member having opposed diverging contact arms, and an intermediate contact member extending between the other of said spaced contact members and having corresponding arms resiliently engaging said contact arms, whereby said second contact member is locked for conjoint rotation with said other of said spaced contact members.

2,134,356
REFLECTOR ORNAMENT FOR LIGHT BULBS
Elliott I. Clemence, Millburn, N. J.
Application June 5, 1936, Serial No. 83,615
14 Claims. (Cl. 240—10)



12. A glass cap having radiant portions on its

band and adapted to cover the light emitting end of an electric light bulb, and a metal tube covering the other end of the bulb and having a flange forming a support and reflector for said portions.

2,134,357
HIGH TRACTIVE RESISTANCE BITUMINOUS SURFACING
Joseph H. Conzelman, Birmingham, Ala., assignor to Alabama Asphaltic Limestone Company, Birmingham, Ala., a corporation of Alabama
No Drawing. Application August 26, 1935, Serial No. 37,939
2 Claims. (Cl. 94—23)

1. A method of increasing the tractive resistance of bituminous paving, consisting of coating a finely graded hard mineral aggregate or metal with less than five (5%) per cent of bituminous material, and applying this mixture directly over the surface of bituminous paving during the period of rolling in an amount of not more than two (2) pounds per square yard.

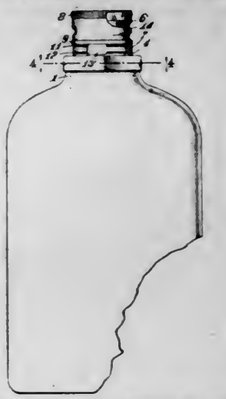
2,134,358
BOOT FOR UNIVERSAL JOINTS
Stuart Crossland, Dearborn, Mich., assignor to Universal Products Company, Inc., a corporation of Delaware
Application December 20, 1934, Serial No. 758,404
Renewed August 22, 1938
4 Claims. (Cl. 64—32)



1. A split boot for a universal joint housing, said boot having a flexible body portion, means for connecting the ends of the boots relative to each other, a marginal edge thereof folded back upon the body portion thereof and secured relative thereto to form a tunnel, said tunnel having perforations through the outer wall thereof, and a wire extending through said tunnel and said perforations and having its ends secured together in a manner so as to determine the inner circumference of the boot at the tunnel.

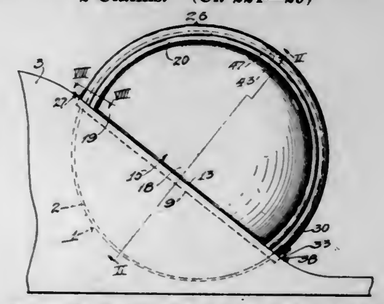
2,134,359
SEALED RECEPTACLE
Edward H. Fabrice, Chicago, Ill., assignor to Guardian Safety Seal Company, Chicago, Ill., a corporation of Illinois
Application April 18, 1932, Serial No. 605,872
Renewed November 29, 1937
3 Claims. (Cl. 215—46)

2. The combination with a bottle equipped adjacent the mouth of its neck with thread formations and below said formations with a peripherally non-cylindrical formation constituting an appreciable enlargement of said neck and projecting laterally from said neck, of a sealing cap snugly fitting said neck above said last-named formation composed of non-pliable sheet metal and equipped with thread formations engaged with the thread formations of the bottle neck and equipped at its lower end with a preformed enlarged mouth formation corresponding in shape and size with the said non-cylindrical formation of the bottle neck and telescopically engaged with the latter for holding said cap against rotation relatively to the bottle, said cap being also equipped between the said thread formations and



mouth formation with a digitally removable annular strip for effecting severance of said cap thereby to permit the removal thereof from the bottle neck.

2,134,360
TIRE COVER
Arthur P. Fergueson, Detroit, Mich., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich., a corporation of Michigan
Application May 29, 1936, Serial No. 82,396
2 Claims. (Cl. 224—29)

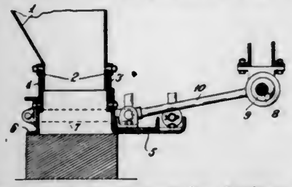


1. In combination with a well, such as a fender well, for receiving a spare tire, a cover for the tire, means fixed with relation to the fender well and including means movable into engagement with the tire for holding it stationary pending positioning of the cover in proper shielding relation to the tire, yieldable means operatively interposed between the cover and said movable means and secured to one of the same for transmitting pressure from said cover to said movable means to firmly force the latter against the tire to prevent rattling of the tire in the well and means securing the cover to the well for creating said pressure.

2,134,361
METHOD OF PRODUCING PLASTIC CONCRETE
Alfred W. French, Chicago, Ill.
Application October 7, 1935, Serial No. 43,982
17 Claims. (Cl. 259—72)

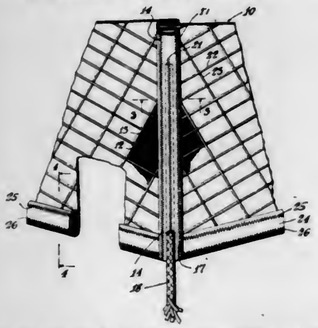
1. The hereindescribed method of treating and laying concrete mix progressively which con-

sists in disposing the concrete in a confined mass of appreciable height and supporting the bottom of said mass upon a portion of a surface upon which all of said mass is to be deposited progressively, then severely shaking the lower end portion of the mass in a direction laterally of its direction of progressive flow upon the



said surface and continuously during said flow with a force sufficient to displace said portion alternately in opposite directions from its initial position in the mass and controlling the rapidity of said flow to cause all parts of the mass to be subjected to said shaking to a substantially equal degree progressively during its said flow.

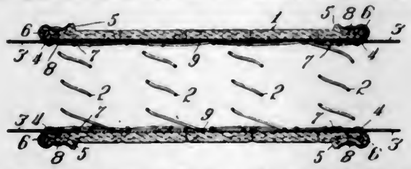
2,134,362
PARACHUTE
Leonard P. Frieder, New York, N. Y., assignor to General Textile Mills, Inc., New York, N. Y., a corporation of Delaware
Application June 22, 1935, Serial No. 27,958
5 Claims. (Cl. 244—145)



1. In a parachute, a sail composed of gores of woven fabric cut on such angles that the warp and the weft are both on a bias with respect to any radius of the sail, said gores being connected together by seams comprising interfolded margins of adjacent gores secured by a plurality of rows of zig zag stitching along the seams and through the folds which is co-ordinated with the extensibility of the seams under load stresses imposed on the seams.

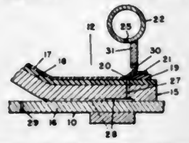
2,134,363
SPRING ASSEMBLY FOR UPHOLSTERY
William W. Gleason, Chicago, Ill., assignor to Nachman-Springfilled Corporation, Chicago, Ill., a corporation of Illinois
Application January 11, 1937, Serial No. 119,985
3 Claims. (Cl. 5—351)

1. An upholstery unit comprising a conventional type of spring assembly, a cover pad therefor, strips of fabric secured to the marginal edge portions of the cover pad by fastening means engaged with said fabric strips between and substantially parallel with the side edges thereof, one side edge portion of each of said fabric strips underlying the outer portions of the marginal springs of the assembly upon which the marginal portions of said pad are supported, fastening means extending through said fabric strips adjacent an edge of each thereof and extending also through the portions of said pad overlying said last-named side edges of said strips and through the end coils of the marginal springs of



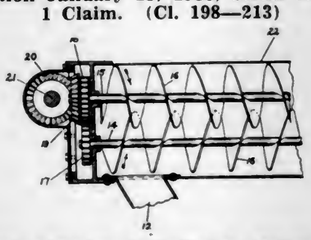
the assembly upon which said pad is supported, thereby securing said pad to said marginal springs, the other side edge portions of said strips being free and projecting outwardly from the marginal springs of the assembly and disposed for connection with an edge of a boxing strip and the peripheral edge portion of a cover fabric.

2,134,364
CURING APPARATUS
Bert Stanley Glougie, Pontiac, Mich., assignor to Baldwin Rubber Company, Pontiac, Mich., a corporation of Michigan
Application May 18, 1936, Serial No. 80,466
11 Claims. (Cl. 18—19)



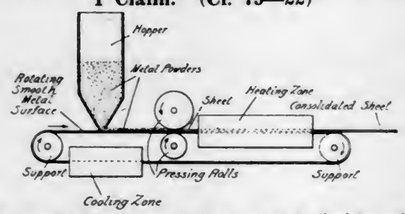
5. In apparatus of the class described, a fluid pressure chamber, a form in said chamber adapted to support a sheet of material and having air vents spaced from each other on a line defining a predetermined outline, said air vents being located to assume a position beneath the marginal edge portion of the sheet of material, and a tubular frame supported in the chamber above the sheet of material and having provision for discharging fluid under pressure at relatively high velocity on the sheet of material around the marginal edge portion of said sheet directly above the air vents.

2,134,365
GRAIN ELEVATOR MECHANISM
William A. Hale, Peoria, Ill.
Application January 13, 1936, Serial No. 58,887
1 Claim. (Cl. 198—213)



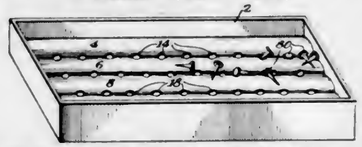
A grain elevator including a casing of substantially elliptical cross-section, a pair of equal parallel conventional screw conveyors presenting respectively right and left helical blades disposed with their said blades partially overlapped and substantially in contact with each other for preventing grain from becoming disposed between said overlapped portions of said blades, said casing presenting opposed arcuate walls snugly embracing the peripheral edges of said conveyors, and mechanism for actuating said conveyors in unison in respectively opposite directions at equal speed.

2,134,366
PRODUCTION OF METAL SHEETS
Charles Hardy, Pelham Manor, Pelham, N. Y., assignor to Hardy Metallurgical Company, a corporation of Delaware
Application September 3, 1936, Serial No. 99,241
1 Claim. (Cl. 75—22)



A method of producing metal sheets which comprises feeding metal powders onto a rotating endless smooth metal surface, passing the surface carrying the powders through rolls, exerting pressure on the powder between the rolls to cause the powder particles to cohere into a sheet, and passing the surface carrying the sheet through a heating zone to cause further consolidation of the sheet, the rotating endless metal surface being subsequently cooled and returned for additional feed of metal powders.

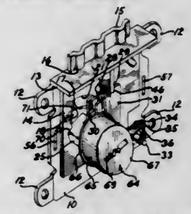
2,134,367
TACK HOLDER
Andrei Hudiakoff, New York, N. Y.
Application January 11, 1938, Serial No. 184,372
1 Claim. (Cl. 1—49.6)



A holder for tacks having shanks and heads comprising a member having a plurality of V-shaped troughs therein and a plurality of openings in the bottoms of the troughs whereby upon shaking said holder said tacks having shank and head portions are so guided that the shank portions move into the openings and the articles are supported by their head portions against the walls of the V shaped troughs, and a rim-like structure around said member for supporting said member and for preventing the tacks from sliding off into space.

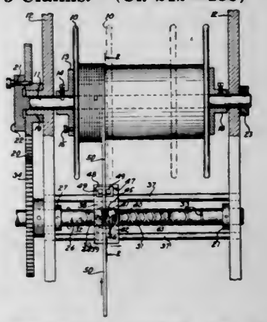
2,134,368
LOCK
Allen R. MacLagan, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application October 10, 1936, Serial No. 104,987
8 Claims. (Cl. 70—355)

1. A lock for telephone pay station equipment comprising a bolt movable to and from latching position and having a flat portion formed to provide cam surfaces and a portion corrugated to provide a thickened and strengthened latching portion, said corrugations extending in a direction parallel to the direction of movement of the bolt and some of them also extending at an angle to the direction of the movement of the bolt, an actuator having a portion extending to engage said cam surfaces, and means for controlling the operation of said actuator including a center cap slotted to receive a key, a center for engaging said actuator and cap, and a plurality of tumblers positioned in the path of a key between the cap and actuator.



7. A lock comprising a casing, a bolt, and means within the casing for actuating the bolt, the extending portion of the bolt having corrugations extending in the direction of movement thereof and the wall of the casing having a slot of the same configuration as a cross-section of the corrugated bolt, the bolt being mounted for reciprocation in said slot, some of the corrugations in said bolt also being formed at an angle to the direction of movement of the bolt to strengthen it.

2,134,369
STRAND WINDING APPARATUS
Harry H. Merwin, Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application May 5, 1936, Serial No. 77,956
5 Claims. (Cl. 242—158)



1. In a distributor, means for distributing strand on a take-up reel or the like, said means including a cam follower a rotating cam having a plurality of intersecting follower engaging surfaces for effecting reciprocatory movements to said distributing means longitudinally of said reel and means for connecting said follower to said distributing means for selective engagement with one or the other of the follower engaging surfaces of said cam.

2,134,370
COMB
Charlie Adams Moore, Nashville, Tenn., assignor of one-half to James A. Foster, Nashville, Tenn.
Application May 17, 1938, Serial No. 208,446
5 Claims. (Cl. 132—11)

1. A comb comprising three sections, the intermediate section being laterally offset with re-

space to the end sections, each of said sections having a row of coarse teeth along one longitudi-



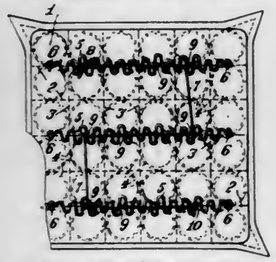
nal margin thereof and a row of fine teeth along the opposite longitudinal margin.

2,134,371

SPRING ASSEMBLY FOR UPHOLSTERY

Fred A. Nachman, Jr., Chicago, Ill., assignor to Nachman Spring-Filled Corporation, Chicago, Ill., a corporation of Illinois

Application May 9, 1936, Serial No. 78,750
3 Claims. (Cl. 5—353)



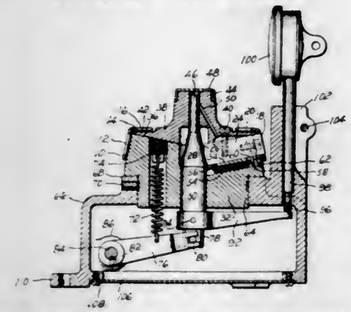
3. In a spring assembly composed of a plurality of parallel rows of upholstery springs disposed side by side wherein each spring is disposed and confined in a fabric cell, a plurality of resilient flat members each composed of wire bent to zig-zag form and varying in width at different points in their lengths, disposed over the meeting terminal coil portions of the springs of contiguous rows and in overlapping relation to said springs and in substantially parallel relation to each other, and fastening means engaging said wires at their ends and at points between their ends and each thereof extending through the fabric casing and around the coils of two of the springs of the assembly at the meeting points of said coils.

2,134,372

GAUGE

Theodore A. Olson, Pompton Plains, N. J., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application June 3, 1936, Serial No. 83,180
11 Claims. (Cl. 33—180)



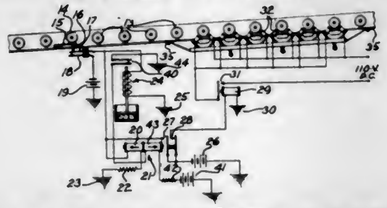
1. In a device of the character described, a circular block having radial guide slots and a central opening, a cover for the block and having a seat to support a separator flange, a shaft guided axially in the opening and having a cam, slides engaging the cam and having gauge members to enter openings in the separator, means for shifting the shaft, and means to indicate the extent of shifting; substantially as described.

2,134,373

CONVEYER

Douglas S. Parker, Verdun, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application August 26, 1936, Serial No. 97,902
12 Claims. (Cl. 193—35)



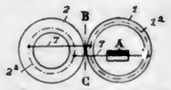
1. A gravity conveyer including a plurality of anti-friction rollers, braking means for cooperating with predetermined ones of said rollers, and means operable by an article moving over said conveyer for holding said braking means operated for a predetermined time after the article has moved past said last mentioned means.

2,134,374

AUTOMATIC CUTTING MACHINE FOR BRICKS OR THE LIKE

Léopold Poussel, St. Henri, Marseille, France, assignor to Etablissements Favant, St. Henri, Marseille, France

Application August 31, 1937, Serial No. 161,761
In France September 4, 1936
4 Claims. (Cl. 25—110)



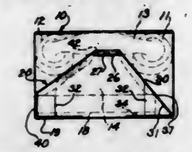
1. A machine for cutting bricks and any extruded material, comprising in combination a conveyor belt to receive the extruded material as it issues from the extruding orifice and adapted to be driven by said material, a frame rigidly supported adjacent said conveyor belt, a shaft secured to said frame, a disc rotatably mounted on said shaft, an annulus arranged substantially parallel with said disc and having its centre longitudinally spaced from the centre of said disc, a plurality of rollers mounted on said frame and adapted to bear on the inner periphery of said annulus so that it is rotatable thereon, said conveyor belt passing through said annulus, a plurality of cutting wires extending between said disc and said annulus, means for connecting the ends of said cutting wires to said disc and said annulus, the points of connection of said wires being spaced along the circumferences of circles concentric with the circumferences of said disc and said annulus respectively, and means for rotating said disc and said annulus in the same direction by said conveyor, said disc, annulus and means for connecting the wires thereto serving as means for progressively and automatically varying the tension of each of said wires in such a manner that said tension is at its maximum as the wire penetrates into said material.

2,134,375

PACKAGE

Stanley Price, La Grange, Ill., and Wellington R. Hummel, Maplewood, N. J., and Arthur A. Bureau, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application January 8, 1938, Serial No. 183,932
7 Claims. (Cl. 206—46)



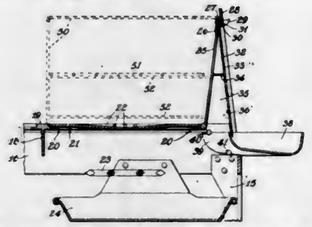
1. A package for articles comprising a container having a cover and a bridge-like separator carried therein spanning and engaging an article and supporting upon its upper surface an article engaged by the cover, said separator having a portion at one end parallel to the inner end wall of the container and effective to hold an end of the spanned article therefrom, an opposite end of the separator being inclined with its lower edge terminating at the lower inner corner of the container and its inner inclined wall engaging an edge of the article, said separator being effective to hold the articles from moving relative to each other and the package elements.

2,134,376

COMBINATION RANGE, BROILER, TOASTER, AND OVEN

Ivan Ročić, New York, N. Y.

Application August 20, 1935, Serial No. 36,968
2 Claims. (Cl. 126—41)



1. In a cooking apparatus, a frame, a burner therebelow, a rectangular bottom plate supported by said frame over said burner, an outwardly inclined imperforate curtain plate integral with said frame at one end thereof, a perforate plate having a curled upper edge pivotally suspended at the upper corners of said curtain plate, means to form a triangular space between said curtain and perforate plates, the space being open at its bottom to receive heat from said burner, and a pan having inreaching flanges detachably suspended outwardly below said perforate plate and into which its lower edge extends.

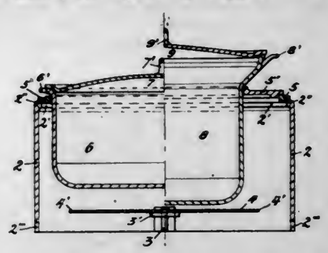
2,134,377

MASTER COOKER COMBINATION

Ivan Ročić, New York, N. Y.

Refiled for abandoned application Serial No. 42,060, September 25, 1935. This application January 28, 1938, Serial No. 187,501
5 Claims. (Cl. 53—1)

1. A cooking utensil comprising an upright cylindrical housing open at both ends, and disposable over a source of heat, an inreaching flange on the upper end of said housing, a container receiver ring mounted on said flange, and a perforate plate spacedly supported within the



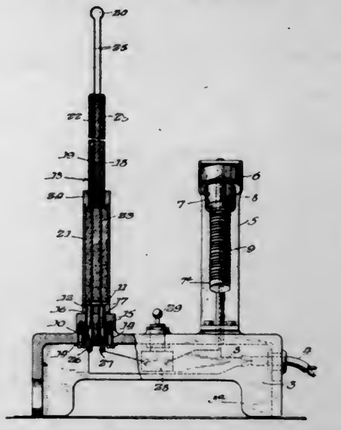
lower portion of said housing to cause dissemination of the heat.

2,134,378

BACTERIA CONVEYING MECHANISM

Sol R. Rosenthal, Chicago, Ill.

Application November 16, 1936, Serial No. 111,037
7 Claims. (Cl. 219—19)



1. A bacteria transfer instrument comprising a handle portion, a portion of reduced cross section secured to said handle portion and adapted to be inserted in bacteria containers, said handle portion and reduced portion being packed with insulating material, a plurality of conductors extending in spaced relation through said insulating material in said handle and reduced portions and ending in terminals depending from said handle portion, and an elongated bacteria transfer loop of resistant material forming an extension of said conductors and held in a fixed and exposed position above said reduced portion, said loop being adapted to be heated to a sterilizing temperature immediately prior to transfer of bacteria thereon.

2,134,379

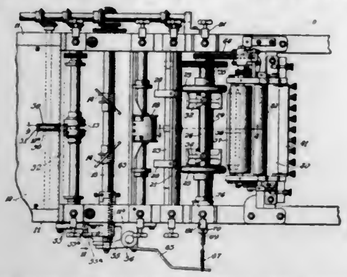
ENVELOPE MACHINE

Ernst C. Sauerman, Chicago, Ill.

Application April 11, 1936, Serial No. 73,843
3 Claims. (Cl. 93—73)

3. In an envelope making machine comprising means for feeding envelope blanks in timed spaced apart relation, means for creasing said blanks to form lines of fold for end and bottom flaps, and means for folding said end flaps, the combination of means for adhesively securing the bottom flap to one or both of said end flaps

to complete the envelope pocket, means for printing on one or more of said folded flaps, subsequent to the adhesive securement of the bottom flap, and means responsive to the non-feed of an envelope blank for temporarily rendering said



printing means inoperative, said last mentioned means including delayed action connections for permitting completion of the printing operation on an aligned envelope, before rendering said printing means inoperative.

2,134,380

METHOD OF MAKING CONDIMENTATION PRODUCTS

William J. Stange, Chicago, Ill., assignor to Wm. J. Stange Co., Chicago, Ill., a corporation of Illinois

No Drawing. Application January 11, 1937, Serial No. 120,040

1 Claim. (Cl. 99—140)

The process of making a dry seasoning material which comprises extracting the oleoresins and essential oils from a spice by means of an organic solvent, concentrating the resulting extract solution to remove some of the organic solvent, mixing with said concentrated extract a substantially saturated aqueous solution of an edible carrier selected from the group consisting of salts and sugars, vigorously agitating and further concentrating the mixture thus obtained under partial vacuum until all of the solvent and most of the water have been removed, drying the resulting mixture, and grinding the same.

2,134,381

RADIO TUNING APPARATUS

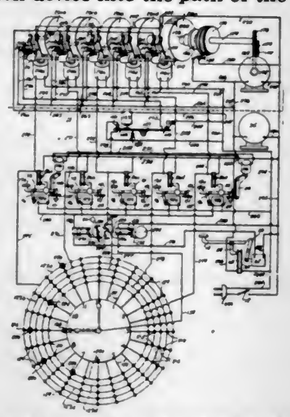
Adolph A. Thomas, New York, N. Y., assignor to Radio Corporation of America, New York, N. Y., a corporation of Delaware

Application June 20, 1929, Serial No. 372,320

16 Claims. (Cl. 250—40)

1. The combination of a radio tuning shaft, mechanism for actuating said shaft to a plurality of different positions to tune in certain stations, clock-controlled connections for energizing said actuating mechanism at predetermined intervals, key-controlled connections for energizing said actuating mechanism independently of said clock-controlled connections, and means for preventing operation of said key-controlled connections when the clock-controlled connections are in operative condition.

10. In radio tuning apparatus, the combination of a rotary tuning shaft, an electric motor for operating said shaft, a plurality of contacts, insulated from each other and from the shaft, rotatable with said shaft and so positioned as to represent certain stations, a normally open switch device associated with each contact and adjustably mounted to move into and out of the path of said contact, means for normally holding each switch device out of the path of the associated contact, selectively operable means for moving any switch device into the path of the associated



contact, and circuit connections for stopping said motor when one of said contacts engages the associated switch device.

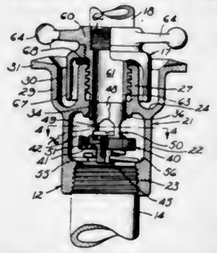
2,134,382

QUICK COUPLING VALVE

Walter Van E. Thompson, Los Angeles, Calif., assignor to Thompson Manufacturing Company, Los Angeles, Calif., a corporation of California

Application April 20, 1936, Serial No. 75,297

3 Claims. (Cl. 284—19)



1. In a coupling device of the class described the combination of: a permanent section adapted to be connected to a supply means; a removable section adapted to be connected to said permanent section; a closure valve in said permanent section; means for opening said closure valve a fixed distance; and adjustable flow restricting means mounted on the exhaust side of said closure valve, said flow restricting means having a wall which is adjustable in position relative to said closure valve which engages the flow of fluid passing the exhaust side of said closure valve and regulating the flow of fluid through said coupling device.

2,134,383

FASTENING DEVICE FOR TRUSS AND OTHER BANDS

Gilbert Thomas Walker, Birmingham, England, assignor to Thomas Walker Limited, Birmingham, England, a company of Great Britain

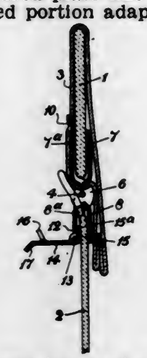
Application November 1, 1937, Serial No. 172,078

In Great Britain July 30, 1937

5 Claims. (Cl. 24—79)

1. A device for connecting together two bands, comprising a pair of spaced plate-like parts

hinged together at a point intermediate their ends to form two pairs of opposed jaws at opposite ends disposed so that the jaws of the one pair move towards one another when the jaws of the other pair are moved apart, one of the plate-like parts having an aperture formed therein between the pairs of jaws, a lever-grip mounted adjacent the outer edge of one of the jaws of the apertured plate-like part and comprising an inturned portion adapted to co-oper-



ate with the opposed jaw, and an outer portion adapted to lie outside the jaw upon which the lever-grip is mounted, said outer portion having teeth engageable through said aperture with a band inserted between the jaw upon which the lever-grip is mounted and the opposed jaw, said inturned portion being adapted to hold a band against the opposed jaw to force the latter relatively outwards and thereby cause the other pair of jaws to close.

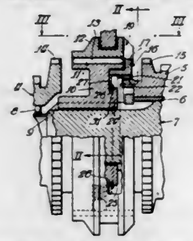
2,134,384

BLOCKER SYNCHRONIZER

Samuel O. White, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois

Application September 25, 1936, Serial No. 102,516

1 Claim. (Cl. 192—53)



In a transmission synchronizer of the character described, a first power transmission member mounted for rotation about a fixed axis, a second power transmission member coaxial with said first member, each of said power members having radially extending toothed portions, the toothed portion of one member adapted for end to end alignment with the toothed portion of the other member, an axially movable positive clutch member adapted to bridge and to engage the toothed portions of said power members, thereby to provide a direct two-way driving connection between the members, said first power member having a recess in that end wall facing said second power member, a blocker and synchronizer ring having a part disposed between the toothed portions of said power members and adapted at times to engage with and retard axial movement of said positive clutch member, said blocker and synchronizer ring having a relatively narrow flange portion extending within said recess and laterally offset relative to said ring part in the direction of said first power member, and a locking ring engageable with said first power member and adapted to abut said last named flange portion of said blocker and synchronizer ring, thereby to restrain said blocker and synchronizer ring from axial movement relative to said first power member, said locking ring and said flanged portion being disposed entirely within said recess, thereby to minimize the distance between said power members, said blocker and synchronizer ring and said second power member having cooperating friction surfaces adapted when engaged to bring said members to a common speed.

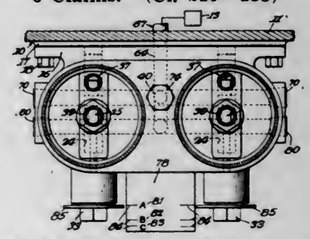
2,134,385

FILTER MECHANISM

Charles A. Winslow, Oakland, Calif.

Application October 7, 1935, Serial No. 43,827

6 Claims. (Cl. 210—133)



1. In a fuel feeding system for an internal combustion engine of the Diesel type, a distributor for said engine, a plurality of filter units for supplying fuel to said distributor, main intake and discharge passages extending longitudinally beneath said filters, a horizontally arranged auxiliary passage beneath each filter in communication with said main passages and with said filters and a valve in each auxiliary passage for opening and closing said filters to said main intake, said valves being independently adjustable and movable to a position for causing filtered fuel from one of said units to flow in a reverse direction through another of said units for cleaning the same, and a chamber within each of said units communicating with said passages and adapted to contain a body of air to provide a cushion for preventing hammering within said passage.

2,134,386

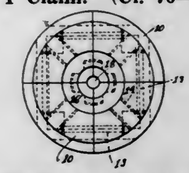
DROP FORGING DIE STRUCTURE

Martin Benjamin Wolf, St. Catharine's, Ontario, Canada, assignor to Thompson Products, Incorporated, Cleveland, Ohio, a corporation of Ohio

Application November 4, 1935, Serial No. 48,155

In Canada September 10, 1935

1 Claim. (Cl. 76—95)



In the drop forging of drill bits, a female die element of circular cross section throughout its extent and composed of interchangeable quarter segments, bolts extending in a common plane transversely through adjacent sections at points outside of the axis of said element for securing

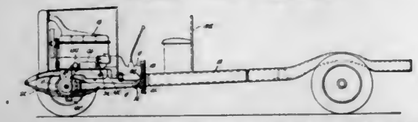
said elements together in accurate alignment, said segments having recesses for the ends of the bolts for keeping said ends within the circumferential surface of said element, and a plunger for entering the die cavity for forging an ingot of metal placed therein to form the desired article.

2,134,387

REVERTED DRIVE AUTOMOTIVE VEHICLE

John Zimka, Chicago, and Frank Miller, Highland Park, Ill.

Application February 26, 1938, Serial No. 192,708
1 Claim. (Cl. 180—42)



In a front wheel drive mechanism for automotive vehicles, the combination of an engine, a change speed gear transmission mounted in the rear of said engine and integral therewith, a differential directly beneath and integrally united to the forward part of said engine, drive axles between the differential and the front wheels, and propeller shaft means mounted independently of the engine and below the same and associated through gearing with said transmission and said differential for driving the front wheels of the vehicle, said propeller shaft means being disposed substantially in the same horizontal plane as the drive axles.

2,134,388

METHOD OF MAKING PHENOLIC ESTERS

Oscar A. Cherry, Chicago, Ill., assignor to The Glidden Company, Cleveland, Ohio, a corporation of Ohio

No Drawing. Application April 2, 1935, Serial No. 14,376. Renewed March 26, 1938
10 Claims. (Cl. 260—479)

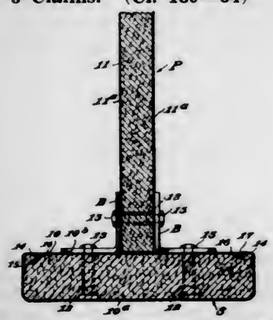
1. The process of esterifying a phenolic body containing free hydroxyl groups, which comprises heating it, with a mixed anhydride of a carboxylic acid boiling below 190° C. and a carboxylic acid boiling above 200° C., to a temperature above the boiling point of the lower boiling acid.

2,134,389

WALL OR PANEL CONSTRUCTION

Samuel Gessler, Chicago, Ill., assignor to Chicago Sales & Building Supply Co., (not Inc.), Chicago, Ill.

Application April 9, 1937, Serial No. 136,009
3 Claims. (Cl. 189—34)



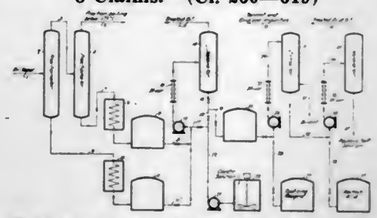
1. A stile or panel comprising a core, a pair of facing sheets secured to and surrounding said core, the ends of said sheets terminating adjacent each of the opposite ends of said core and at the same side thereof, the said ends each being provided with a flange imbedded within the core, and a filler between said flanges for providing a smooth, uninterrupted surface at the ends of the facing sheets.

2,134,390

PROCESS FOR PRODUCING ACID OILS

Bernard Sutro Greensfelder, Martinez, Monroe Edward Spaght, Long Beach, and Clyde Harold Britten, Wilmington, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

Application July 21, 1936, Serial No. 91,684
8 Claims. (Cl. 260—619)



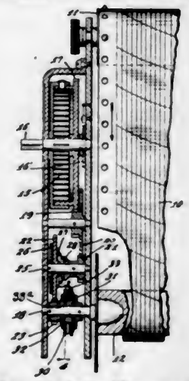
1. In the process of extracting acid oil from a mineral oil distillate containing same with an aqueous alkali metal hydroxide, whereby acid oils are caused to react with the hydroxide to produce a soap solution, the improvement comprising treating said liquid distillate with an amount of a liquid mixture consisting essentially of water, acid oil soap and free alkali metal hydroxide and being equivalent to an original aqueous alkali metal hydroxide solution of 30 to 50% concentration to neutralize a portion only of said free alkali metal hydroxide and to raise the acid oil soap content of the mixture at least to the critical solubility point of the soap above which the mixture forms a single phase, and separating the treated distillate from the resulting aqueous soap solution.

2,134,391

REROLL DRIVE MECHANISM FOR GRAPHIC METERS

Donald J. Angus, Indianapolis, Ind.

Application April 6, 1937, Serial No. 135,264
2 Claims. (Cl. 185—37)



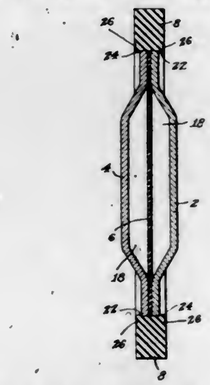
2. In a graphic meter, the combination of a re-roll roller, a driving spring therefor, a driving connection interconnecting said driving spring and said re-roll roller, a light-weight rotatable member frictionally interconnected with said re-roll roller and provided with a centrifugally actuated part having a stop-shoulder, a stop-pin in a position to be engaged by said stop-shoulder on centrifugal actuation of said centrifugally actuated part to stop said light-weight member and thereby after some slipping at the frictional connection between said light-weight member and the re-roll roller to cause a gentle stopping of the latter, said driving connection between the re-roll roller and the spring including a frictional drive which permits slipping on reverse winding of the re-roll roller with the spring wound.

2,134,392

FILM CUT-OUT

Leon Joachim Barwood, Cambridge, Mass.

Application August 16, 1935, Serial No. 36,489
17 Claims. (Cl. 200—118)



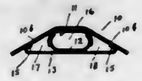
1. A film cut-out comprising two insulated conducting members, and means having an opening in which the conducting members are disposed, the material of the said means being displaced so as to extend into the opening at its exterior surfaces near the opening to provide the wall of the opening with projections between which the conducting members and the means are held together as a unit.

2,134,393

FLOOR DUCT

Inslee A. Bennett, Sharpsburg, Pa., assignor to National Electric Products Corporation, a corporation of Delaware

Application June 24, 1936, Serial No. 87,030
4 Claims. (Cl. 247—37)



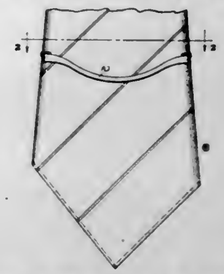
1. A duct for electrical conducting wires adapted to rest upon the surface of a floor comprising a channel element formed as a base adapted for mounting on a floor surface and side walls upstanding from the base, a housing body having two divergently declining side walls arranged in assembly of the housing with the channel element to terminate laterally beyond the said channel and out of direct contact therewith, and clamping means dependent from the inner surface of the housing shaped in such dependent position to embrace the side walls of the channel and having resilient engagement therewith, said channel-clamping means being spaced from the terminal edges of the housing side walls; the relation of the elements being such that in mounted assembly of the elements the terminal edges of the housing side walls lie in contact with a floor surface to both sides of the channel element.

2,134,394

TIE HOLDER CONSTRUCTION

William J. Morse, Attleboro, Mass., assignor to Morse Andrews Co., a corporation of Massachusetts

Application March 11, 1935, Serial No. 10,437
2 Claims. (Cl. 24—49)



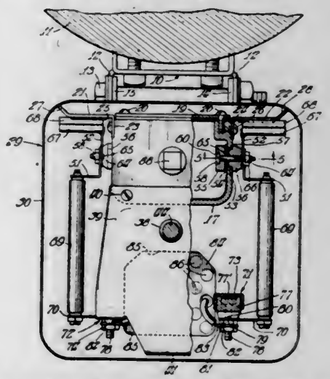
1. In a tie holder, a base member having means for releasably securing to a shirt hem, said base member having the ends thereof extending forwardly to form side extensions and then upwardly to form hooks at the forward end of said side extensions, and a front member adapted to extend over the front of the tie, said front member having means forming eyes on one side thereof adjacent the ends thereof, said eyes engaging said hooks to detachably secure said front member to said base member.

2,134,395

CABLE TERMINAL

William J. Buehring, Chicago, Ill., assignor to Reliable Electric Co., Chicago, Ill., a corporation of Illinois

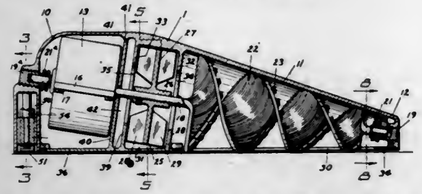
Application April 23, 1936, Serial No. 75,987
2 Claims. (Cl. 247—7)



1. In a cable terminal of the class described having a rectangular base plate and a cable chamber supported on said base plate adjacent to one side edge thereof, ground strips secured on said cable chamber and projecting outwardly from the chamber in opposite directions substantially to the adjacent corners of said base plate, a guide sleeve supported by said base plate and a cover

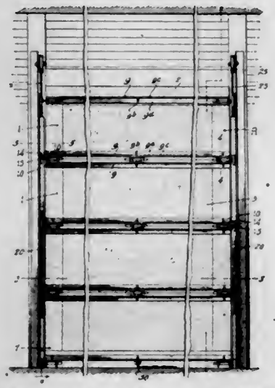
for said terminal having a guide rod slidable vertically in said sleeve, said ground strip having vertically running edges cooperating with said sleeve and guide rod to guide cover.

2,134,396
VACUUM CLEANER
Edward Campbell, Detroit, Mich., assignor of one-fifth to Sherman T. Handy, Lansing, Mich.
Application September 23, 1935, Serial No. 41,753
7 Claims. (Cl. 15—8)



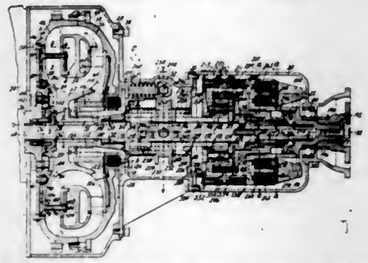
7. In a vacuum cleaner for floors, a hollow body member of tapering form, a motor housed in the large end of the body, said body having an opening in its lower portion, means supporting the body with the opening adjacent a floor, a fan adjacent the motor and arranged to be driven thereby for creating a reduced pressure at the opening, outlet means in the body for the passage of dust-laden air from the fan, and a screw member having screw formations of solid wall construction, said screw member being of tapering form and extending substantially from the fan to the smaller end of the body, said screw member being operably connected to the motor to be rotated thereby and arranged to overlie said opening and adapted to propel air axially of the screw member and toward the fan.

2,134,397
OVERHEAD DOOR
Henry B. Clark, Elizabeth, N. J.
Application September 28, 1936, Serial No. 102,852
9 Claims. (Cl. 20—20)



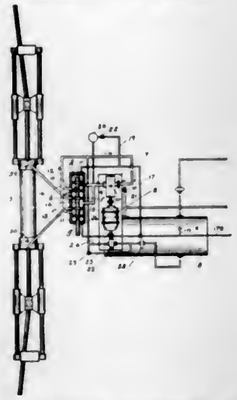
1. A construction unit for overhead doors comprising a pair of metal bars, each to be connected to one of two adjoining panels of an overhead door near, parallel to and extending approximately throughout the length of the edge of the panel to adjoin the other panel, and hinges spaced longitudinally of said bars and each including two hingedly connected sections each of which is directly fastened on one of said bars.

2,134,398
HYDROMECHANICAL TRANSMISSION FOR MOTOR VEHICLES
Frederick W. Cotterman, Dayton, Ohio, assignor of one-half to Bessie D. Apple, Dayton, Ohio
Application May 13, 1937, Serial No. 142,464
15 Claims. (Cl. 74—189.5)



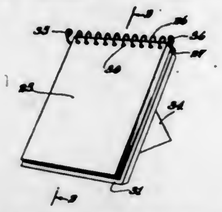
1. Power transmission mechanism comprising, an engine, an impeller secured to said engine to rotate therewith, a rotor adjacent said impeller to be driven thereby, closing means for closing the spaces between the impeller blades to lessen its capacity to drive the rotor, a rotor shaft, a tail shaft, gearing for connecting the rotor shaft and tail shaft, a positive clutch for connecting the rotor shaft and tail shaft through said gearing, brake means to hold said rotor non-rotative while said positive clutch is being engaged, means to open said closing means to increase the impeller capacity to drive the rotor, and means connecting said closing means to said brake means whereby opening of said closing means releases said brake means.

2,134,399
STEERING GEAR
Albert J. Dawson, Sewickley, Pa.
Continuation of application Serial No. 97,022, August 20, 1936. This application January 14, 1938, Serial No. 185,032
2 Claims. (Cl. 60—52)



1. Steering apparatus including a rudder, a steering ram, a valve-chest, leads for ram-operating liquid between the valve-chest and the opposite ends of the ram, a reservoir of liquid, a line of liquid circulation including said valve-chest, a continuously operating high-capacity pump in said line of circulation, a line of communication between said line of circulation (at a point between said valve-chest and the outlet of the pump) and said reservoir, a high-pressure relief valve in said line of communication, means for imposing augmented pressure, of less value than the critical pressure of said high-pressure relief valve, on the liquid in said line of circulation, said means including a low-capacity pump adapted to deliver liquid into said line of circulation at a point between said valve-chest and the inlet of said high-capacity pump, a line of return flow between the delivery and intake sides of said low-capacity pump, a low-pressure relief valve in said line of return flow, and a valve in said valve-chest movable between a position in which said line of liquid circulation is open and communication between the pumps and the opposite ends of the ram is cut off, and a position in which said line of circulation is interrupted and communication between the high-capacity pump and the leads to the ends of the ram is established.

2,134,400
SPIRAL BINDING
Walter Grumbacher, New York, N. Y., assignor to Spiral Binding Co. Inc., New York, N. Y., a corporation of New York
Application April 11, 1935, Serial No. 15,746
23 Claims. (Cl. 129—1)



1. A spiral binding construction comprising a stack of sheets, the sheets of said stack having registering perforations along one edge thereof, a spiral binding element threaded turn for turn through said perforations, and means carried by one of the sheets of the stack and adapted to be positioned so as to obstruct the passage of the spiral through one of the perforations of said sheet.

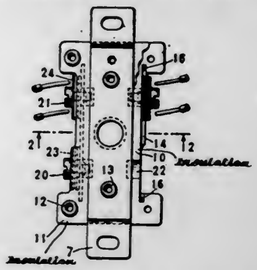
8. In a spiral binding construction for a stack of sheets provided with perforations, a spiral binding element threaded through the perforations in said stack, and stop means adapted for engagement with said spiral element for preventing its removal from the stack of sheets, said means having resilient portions thereon adapted to press against portions of said binding element.

2,134,401
FISH LURE
James W. Harvey, Lakeville, Conn.
Application August 9, 1937, Serial No. 158,021
19 Claims. (Cl. 43—48)



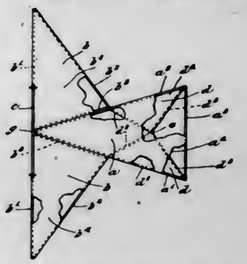
12. A fish lure comprising a hook, shellacked and ornamental tapering splints laid along the shank of the hook, a transparent filament wound tightly around the splints and the shank of the hook from end to end of the splints to hold the parts in place and form a striated casing, and a tough, hard, lustrous, waterproof coating over the filament.

2,134,402
ELECTRIC FIXTURE
Francis J. Hines, New York, N. Y., assignor to Hines Electrical Specialties, Inc., a corporation of New York
Original application September 3, 1931, Serial No. 560,965. Patent No. 2,060,990, November 17, 1936. Divided and this application April 1, 1936, Serial No. 72,023
3 Claims. (Cl. 173—330)



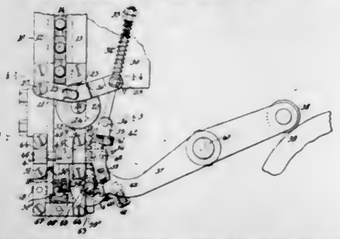
1. An electric wall fixture support comprising an insulating body, bus bars secured to said body on opposite sides thereof, wire connecting means in each end of each bus bar, one such means in each bus bar being exposed at the side and accessible for connection of a circuit wire from the rear, at least the front edge of said bus bars adjacent said rear wire connecting means being shielded with insulating material in front of it, and extending laterally over at least substantial portions of circuit wires from the rear, the wire connecting means at the other end of each bus bar being similarly exposed at the side, said insulating material being narrower over the second mentioned wire connecting means than over the first whereby the second mentioned wire connecting means are more accessible from the front for view and for connection of a fixture wire from the front than are the first mentioned wire connecting means, and a supporting strap secured to the front of the body between the bus bars, exposed for supporting a fixture, and insulated from the bus bars.

2,134,403
KITE
Raymond P. Holland, Jr., Kenmore, N. Y.
Application October 4, 1937, Serial No. 167,121
2 Claims. (Cl. 244—153)



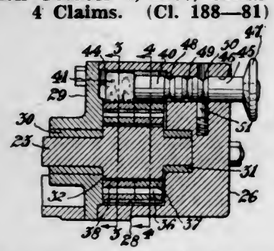
1. In a kite, the combination of a body member, wings hingedly connected to the body member, means connected to the wings to maintain the wings in relatively tilted position, a keel extended downward from the body member, a bridle secured at one end to the forward end of the body member and at its other end to the bottom of the keel, and a flying string connected to the bridle.

2,134,404
BUTTON POSITIONING MECHANISM
Otto John Huelster, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application July 27, 1937, Serial No. 155,868
9 Claims. (Cl. 218—6)



6. A button positioning mechanism according to claim 4, wherein the gear sector is formed adjacent one end thereof with two cams, which, as the gear sector approaches the end of its movement in one direction, functions respectively to move the rotatable disk and the locator means out of button engagement position at the orienting station to permit a button from the cut-off means to drop down into the registering station.

2,134,405
CONTROLLING DEVICE
Joseph I. Hulshizer, Stewartsville, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application October 7, 1937, Serial No. 167,712
4 Claims. (Cl. 188—81)



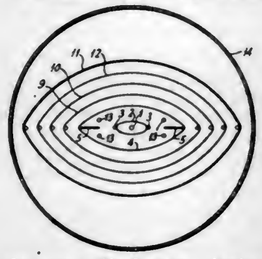
1. In a controlling device, the combination of a casing and a rotatable member in the casing, a plurality of sets of spring-pressed pawls carried by the rotatable member, separate ratchet rings for each set of pawls encircling the member and being freely rotatable in the casing, and means to hold the ratchet rings singly or collectively immovable to provide abutments for the pawls for controlling the direction of rotation of the rotatable member or to prevent rotation of the rotatable member.

2,134,406
ILLUMINATED SAFETY INDICATOR FOR GUNS
Charles E. Jacobs, Minneapolis, Minn.
Application May 17, 1937, Serial No. 143,043
9 Claims. (Cl. 42—1)



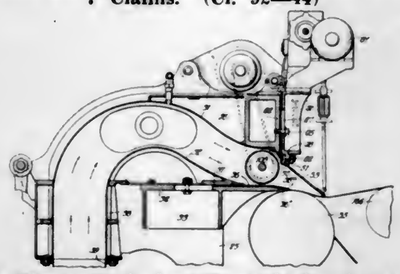
1. In a gun of the kind described provided with a fore-end piece extended under the forward portion of the gun barrel and provided with sight openings at its opposite sides, an electric light bulb located in said fore-end piece between the sight openings thereof, a battery located in the gun stock, a circuit for said light bulb including said battery and light bulb and a circuit controlling switch, and means operated by setting of the gun in condition for firing and operating on said switch to close the light bulb circuit and cause illumination thereof.

2,134,407
ELECTRON DISCHARGE DEVICE
Johan Lodewijk Hendrik Jonker, Eindhoven, Netherlands, assignor to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands
Application February 9, 1938, Serial No. 189,507
In the Netherlands February 12, 1937
6 Claims. (Cl. 250—27.5)



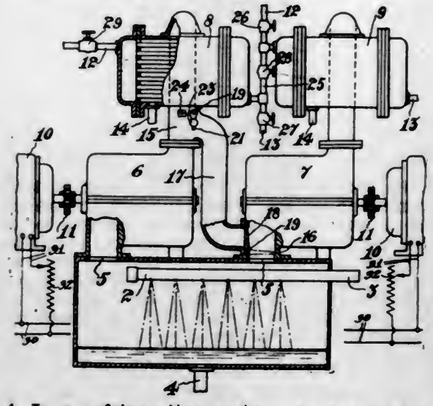
1. An electron discharge device having a cathode for emitting electrons and an anode for receiving said electrons, a control grid surrounding said cathode and a screen grid surrounding said control grid, and a second control grid between said screen grid and said anode, an auxiliary anode positioned between said first control grid and screen grid and means for emitting secondary electrons positioned inside said screen grid and adjacent said auxiliary anode.

2,134,408
FORMING PAPER WEBS
William R. Kellett, Menasha, Wis., assignor to Paper Patents Company, Neenah, Wis., a corporation of Wisconsin
Application August 6, 1936, Serial No. 94,517
7 Claims. (Cl. 92—44)



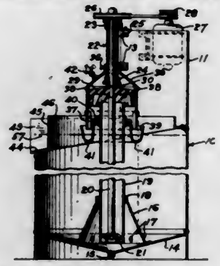
1. The method of continuously forming a paper web on a Fourdrinier wire, which includes: confining a body of dilute paper stock under pressure over an exposed zone of the upper surface of a traveling Fourdrinier wire in advance of a slice, the length of said exposed zone in the direction of wire travel being sufficient to effect the drainage of most of the water from the stock before it reaches said slice and to form on said wire, in said pressure zone, a mat containing approximately all of the fiber required for the weight of web desired, said pressure being such as to produce a spouting velocity at the lip of said slice substantially equal to the speed of said wire; and spouting a relatively thin layer of dilute paper stock directly from said body onto said mat as it passes under said slice.

2,134,409
REFRIGERATING SYSTEM
John Kirgan, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application June 17, 1936, Serial No. 85,653
7 Claims. (Cl. 62—115)



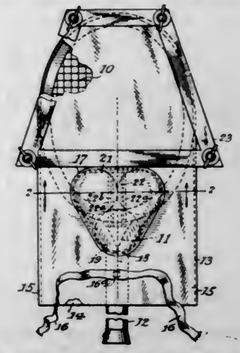
4. In a refrigerating system, an evaporator, a plurality of vapor evacuators for the evaporator, a separate condenser for each evacuator, and means for selectively directing the flow of vapor from the evaporator in parallel streams through each evacuator into its condenser or directing such flow in one stream through the evacuators in series and into one of the condensers.

2,134,410
FLOTATION APPARATUS
Max Kraut, San Francisco, Calif.
Application September 28, 1936, Serial No. 102,948
21 Claims. (Cl. 209—169)



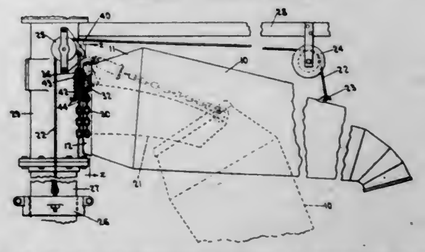
1. A flotation apparatus including a tank container for a pulp mass, means for elevating pulp from said container to above the upper level of the pulp mass in the montainer, means for aerating the elevated pulp solely above the upper level of the pulp mass, a separate skirt extending downwardly from the aerating means toward the pulp level and adapted for directing the aerated pulp from the aerating means to the pulp mass in the container, and an annular grooved pan underlying the discharge portion of the aeration means, said pan having a discharge edge above the pulp level in the tank container for discharging the aerated pulp above the upper level of the pulp mass in the container.

2,134,411
TENNIS BALL RECEPTACLE
Walter Marx, Whitestone, N. Y.
Application March 22, 1937, Serial No. 132,206
4 Claims. (Cl. 150—52)



1. The combination with a tennis racquet bag having an open lower end, of a number of tennis ball pockets attached to the outer sides of the bag and substantially opposite the throat portion of the racquet therein; each pocket having a slotted entrance through a wall connecting with the interior of said bag and means for closing the bag when the racquet is not in use.

2,134,412
SPOUT SUPPORT FOR RAILWAY WATER COLUMNS
John T. McGarry, Cincinnati, Ohio
Application October 23, 1936, Serial No. 107,168
7 Claims. (Cl. 137—21)

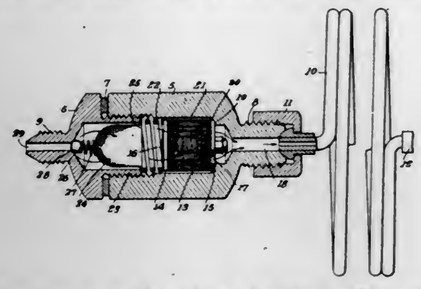


1. A water column comprising a spout of elongated cross-section at its rear-end, said spout rear-end enveloping the goose-neck nozzle of the water column, and said nozzle of circular cross-section, a spool-shaped roller rotatably mounted in the upper part of the rear-end of the spout and shaped to engage the ends of a transverse arc across the major part of the top of said spout, the support of said spool in relation to the elongated cross-section of the rear-end of the spout being such that gravity will maintain the spout in proper vertical relation to the goose-neck nozzle as the spout is drawn out along the same, and a pair of chains having pivotal connection with the rear-end of the spout substantially in line with the axis of said roller.

2,134,413
FILTER ASSEMBLY
Alfred Munoz, Brooklyn, N. Y.
Application May 20, 1937, Serial No. 143,661
6 Claims. (Cl. 210—166)

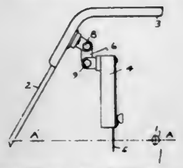
1. A refrigeration filter comprising a casing

having a filter chamber and a tapered extension from said chamber to a seating shoulder, a filter pile comprising a stack of filter leaves loosely retained between end plates, one end plate of a size to be guided by said tapered



extension to said seating shoulder, said casing having a cover with an annular screw stem opposed to the opposite end of the seated filter pile and a spring interposed between said screw stem and the opposite end plate of the filter pile.

2,134,414
VISOR AND LIGHT SCREEN FOR VEHICLES
Austin S. Norcross, Newton, Mass.
Application September 21, 1937, Serial No. 164,892
10 Claims. (Cl. 296—97)

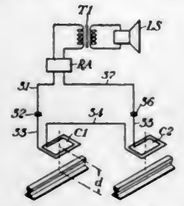


1. In combination, a hollow visor, means to pivotably mount said visor on a vehicle in the rear of the windshield, adjustable to vary the height of said visor when pivoted to operative position, a screen slidably mounted and normally concealed within said visor, a solenoid mounted within said visor to slide said screen into a particular line of vision, means to energize said solenoid, and means for returning and holding said screen in the concealed position when said solenoid is not energized.

2,134,415
MANUFACTURE OF OXIDE COATED CATHODES
Imre Patai, Budapest, Hungary, assignor to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands
No Drawing. Application April 16, 1936, Serial No. 74,812. In Hungary April 16, 1935
2 Claims. (Cl. 250—27.5)

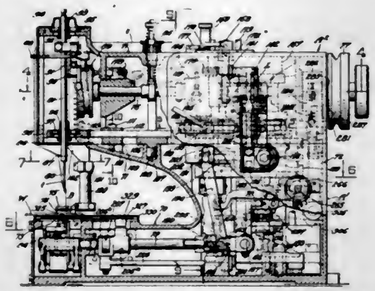
1. The method of manufacturing oxide coated cathodes comprising mixing an anhydrous solvent of the group consisting of glycol and glycerine, and a compound of an alkaline earth metal soluble in said anhydrous solvent, introducing carbon dioxide into the mixture to disperse carbonate particles of the alkaline earth metal, diluting to the desired constituency by adding water, submerging a cathode to be coated in the solvent and passing a current through the cathode and the solvent to cataphoretically deposit said particles on the cathode and heating said cathode to decompose the carbonate and leave a coating of alkaline earth metal oxide.

2,134,416
APPARATUS FOR RAILWAY TRAIN COMMUNICATION SYSTEMS
Willard P. Place, Wilkinsburg, Paul N. Bossart, West Deer Township, Allegheny County, and Lars O. Grondahl, Pittsburgh, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application August 11, 1937, Serial No. 158,518
9 Claims. (Cl. 246—8)



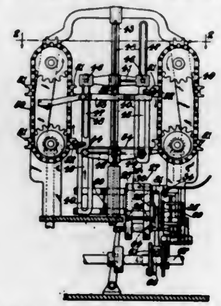
1. In combination, a railway track, a train, transmitting apparatus located along the track to cause a periodic communication current to flow in the track rails, receiving apparatus responsive to such current mounted on a vehicle of the train, an inductor mounted on said vehicle directly above one of the track rails, said inductor disposed with its axis vertical and positioned at a height of the order of ten inches above the top of the rails for inductively receiving an electromotive force due to the current supplied to the rails by the transmitting apparatus with minimum interference from extraneous magnetic fields, and circuit means to connect said inductor with the receiving apparatus.

2,134,417
BUTTON SEWING MACHINE
Franklin A. Reece, Brookline, Mass., and Samuel W. Avis, Providence, R. I., assignors to The Reece Button Hole Machine Company, Boston, Mass., a corporation of Maine
Application July 7, 1936, Serial No. 89,330
29 Claims. (Cl. 112—111)



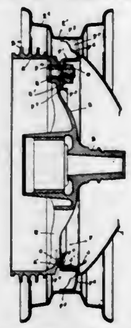
8. In a machine for sewing on buttons, stitch-forming mechanism, operating mechanism therefor including a plurality of actuating devices adapted respectively to produce complete stitch-forming cycles of a different number of stitches each, means whereby said devices may be rendered selectively operative, and means adapted to be operated at the completion of each of said stitch-forming cycles to stop the machine, said last named means being adjustable to cause stopping of the machine after the completion of a variable number of stitch-forming cycles, whereby said machine may be set to form automatically a variable number of groups of stitches of a variable number of stitches each.

2,134,418
TRANSFER AND SETTING-UP OF COLLAPSED CARTONS
Alfred German Rose, Gainsborough, England, assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England, a British company
Application November 16, 1937, Serial No. 174,893
In Great Britain November 19, 1936
7 Claims. (Cl. 93—53)



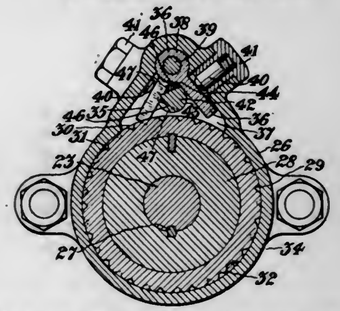
1. In apparatus for feeding rectangular cartons of the type described from a pack in which the cartons are arranged in a flat collapsed condition one behind the other, mechanism comprising in combination a flap-bending device in the form of a suction gripper, means for bringing said gripper into engagement with an end flap on the front portion of the leading carton and for moving the gripper in a direction to bend said flap outwardly about its hinges, means for inserting a blade-like element through the gap presented by the outwardly bent end flap and into the carton to assume a position behind one only of the front sides of the carton and its attached end flaps, means for breaking the suction at the gripper and moving it clear of the pack, means for moving the blade-like element forwardly from the pack to carry the carton with it, and means operable during the forward movement of the blade to exert back pressure on the other side of the front portion of the carton.

2,134,419
VEHICLE WHEEL
Charles W. Sinclair, Detroit, Mich., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich., a corporation of Delaware
Application September 25, 1935, Serial No. 42,114
3 Claims. (Cl. 301—6)



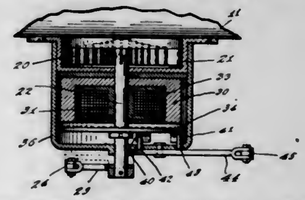
1. In a vehicle wheel, the combination with a brake drum comprising a web and an annular brake engaging member, of a sheet metal wheel body mounted on and more flexible than said web, said web and wheel body forming the major and minor portions respectively of the radial extent of the load supporting portion of the wheel between the hub and rim, said wheel body comprising a generally radial bolting-on flange detachably secured to said web, a generally axial continuous annular portion extending in an outboard direction from the periphery of said bolting-on flange and closely adjacent to the bolt holes therein, a nave portion connecting only into the outboard end of said generally axial portion and extending in an inboard direction, and generally radial spoke formations connecting into said nave portion, said generally axial portion reinforcing said wheel body and preventing flexing of said wheel body from localizing in said bolting-on flange and said web being constructed and arranged to carry the load transmitted by said wheel body without detrimental distortion of said brake engaging member.

2,134,420
CONTROLLING DEVICE
William A. Smith, Sr., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application March 3, 1937, Serial No. 128,767
3 Claims. (Cl. 188—81)



1. In a controlling device, the combination of a casing and a rotatable member in the casing, teeth on the rotatable member, a pair of pawls to engage the teeth and lying in different transverse planes in the casing, a common pivot for the pawls, means constantly tending to press the pawls into engagement with the teeth, and a single control member in the casing shiftable to different positions and having cams movable into and out of contact with the pawls to move either pawl separately or both pawls simultaneously out of engagement with the teeth and to permit simultaneous engagement of both pawls with the teeth.

2,134,421
AUTOMATIC CHOKE
Glen R. Sisson, Pendleton, Ind.
Application February 17, 1933, Serial No. 657,244
1 Claim. (Cl. 123—179)



In combination with an internal combustion

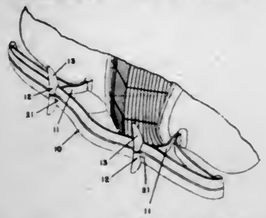
engine having a carburetor provided with an unbalanced choke-valve, a rotatable shaft connected to said choke-valve to operate it, a temperature-responsive element for rotating said shaft, a brake associated with said shaft, and mechanism operative during cranking of the engine for actuating said brake.

2,134,422

AUTOMOBILE BUMPER

Harold G. Thunder, Detroit, Mich., assignor to Motor Products Corporation, Detroit, Mich., a corporation of New York

Application March 27, 1935, Serial No. 13,334
4 Claims. (Cl. 293—55)



1. A bumper guard for attachment to the bumper of a motor vehicle comprising a body member substantially channel-shaped in cross section and having portions projecting above and below the edges of the bumper a distance sufficient to prevent the parts of other vehicles from riding over or under the bumper, a nut supporting member correspondingly channel-shaped in cross section fitted within the channel of the body member and having a portion thereof offset in a direction away from the base of said body member to form a housing of sufficient dimension to receive and support a nut, said offset portion being apertured to receive a bolt for engagement with said nut, and flanges at the free edges of the leg portions of one of the channel members crimped over the adjacent leg portions of the other channel member to secure the same in assembled relationship and to provide bearing surfaces for engagement with the impact face of the bumper.

2,134,423

ALLOY

Enrique G. Touceda, Albany, N. Y., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y., a corporation of New York

No Drawing. Application January 8, 1936, Serial No. 58,163
2 Claims. (Cl. 75—171)

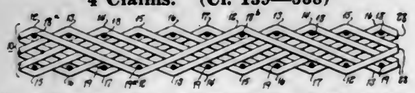
1. An alloy consisting of 32% to 40% nickel; 20% to 33% of chromium; and from 24% to 30% of cobalt.

2,134,424

WOVEN WICK FOR OIL BURNERS AND THE LIKE

Gustav Walters, Middletown, Conn., assignor to The Russell Manufacturing Company, Middletown, Conn., a corporation of Connecticut

Application June 1, 1937, Serial No. 145,652
4 Claims. (Cl. 139—388)



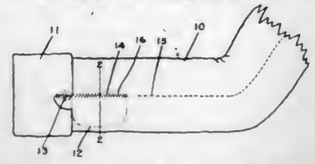
1. A woven wick substantially free of binder strands and consisting substantially of: a set of weft picks located adjacent one surface of the wick; another set of weft picks located adjacent the other surface of the wick; and a plurality of warp strands, all of which warp strands extend diagonally back and forth through the fabric, and each of which warp strands alternately passes over a weft pick of one set of weft picks and then over another pick of the other set of weft picks, and passes between a plurality of the intervening weft picks of both sets of weft picks between its leaving and returning to a given set of weft picks.

2,134,425

SLEEVE POCKET STRUCTURE

Maud E. West, Middletown, Conn.

Application January 25, 1938, Serial No. 186,863
2 Claims. (Cl. 2—125)



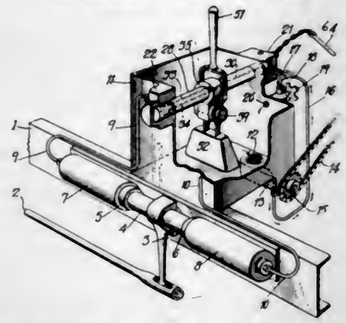
1. A sleeve pocket structure comprising in combination, a sleeve of an outer garment, a pocket structure incorporated in said sleeve and provided with a mouth that is exposed and accessible from the outside, and means for closing said mouth in the form of a slide fastener structure, said sleeve having a seam the stitches of which serve to secure together opposed edges of the garment fabric, said pocket being projected inwardly within the interior of the sleeve structure, said mouth being located in alignment with said seam and with the seam interrupted to the same extent substantially as the length of said mouth, and said slide fastener structure serving under closed condition to effect operatively such securing together of the mouth edges.

2,134,426

DIRECTIONAL CONTROL OF VEHICLES

Walter A. Wood, Jackson Heights, N. Y.

Application February 15, 1938, Serial No. 190,567
12 Claims. (Cl. 180—79.2)



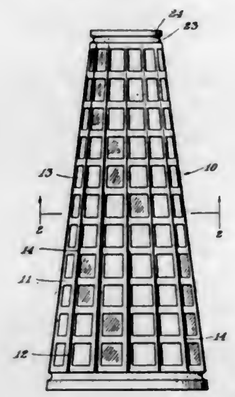
1. In a device for directional control of vehicles, the combination of motive means for steering the vehicle and means for automatically controlling the actuation of said motive means, said control means being responsive to the individual inclination of said vehicle respectively in relatively transverse directions and being effective to automatically cause the actuation of said motive means only upon the simultaneous inclination of said vehicle in both of said directions.

2,134,427

CONTAINER

Julius Biderman, Brooklyn, N. Y.

Application April 27, 1937, Serial No. 139,127
2 Claims. (Cl. 229—3.5)



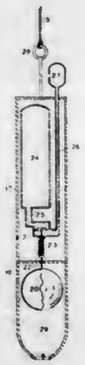
1. In a container of the class described, the combination of an outer wall constructed of substantially flexible fibrous material and an inner wall adhesively joined thereto, the inner wall being made from a sheet of flexible, transparent cellulosic material, the outer wall having a plurality of spaced apertures therein which are in substantial alignment vertically, the walls of the container having a plurality of spaced vertical ribs disposed between the apertures in the outer wall, and a bottom closure secured at the lower end of the container.

2,134,428

APPARATUS FOR EXPLORING THE LEVEL OF LIQUID IN A BORE HOLE

Serge Alexander Scherbatskoy and Jacob Neufeld, Tulsa, Okla., assignors to Engineering Laboratories, Inc., Tulsa, Okla., a corporation of Oklahoma

Application July 24, 1937, Serial No. 155,478
3 Claims. (Cl. 73—305)



2. A device for surveying the level of liquid in a liquid filled drill hole, consisting of an explorer housing, a cable for supporting said housing and for permitting its travel through the drill hole, means for determining the depth at which the housing is suspended, a sound generator and a reservoir of compressed air disposed within said housing, a valve between the said reservoir and the said sound generator, a floating member connected to the said valve and suspended within said housing, the said floating member, being adapted upon the contact with liquid to open the said valve allowing the said reservoir to be operatively connected to the said sound generator.

2,134,429

RESINOUS ESTERIFICATION PRODUCTS OF INNER ETHERS AND METHODS OF MAKING SAME

Kenneth R. Brown, Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application March 11, 1938, Serial No. 195,380
21 Claims. (Cl. 260—8)

1. The process of making a resinous material comprising an esterification product of an inner ether, which comprises heating together under esterifying conditions resinifying polycarboxylic acid, said acid comprising phthalic acid when fatty oil acid is present in the reacting mixture, and a polyhydroxy inner ether derivable from a straight chain hexahydric alcohol by intramolecular condensation thereof, the number of equivalents of acid present in the reacting mixture being not more than about 4 equivalents per mol of ether.

2,134,430

RESINOUS REACTION PRODUCTS OF INNER ETHERS AND NATURAL RESIN ACIDS AND METHODS OF MAKING THE SAME

Rudolph Max Goepp, Jr., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application December 28, 1936, Serial No. 117,883
12 Claims. (Cl. 260—104)

7. The process of making resinous reaction products of an inner ether and rosin which comprises mixing together at 120° C. rosin and a polyhydric material selected from the group consisting of the straight chain hexahydric alcohols and the inner ethers derivable from straight chain hexahydric alcohols and having at least one 4 to 6 membered carbon-oxygen ring, the number of equivalents of rosin present in the mixture being not more than about three equivalents per mol of polyhydric material, raising the temperature at a substantially uniform rate in the course of three hours to a temperature of from 285 to 320° C., and agitating and heating in an atmosphere substantially free from air for at least three hours at a temperature of from 285 to 320° C. while removing volatile material from the reaction mass.

2,134,431

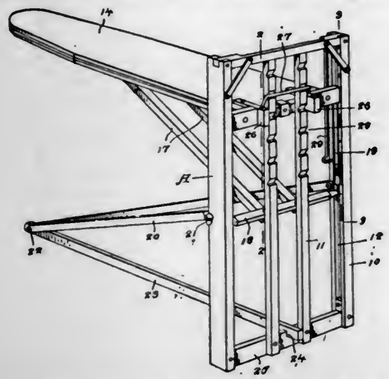
IRONING TABLE

Bert Bryan, La Fayette, Ind.

Application June 15, 1937, Serial No. 148,368
2 Claims. (Cl. 38—127)

1. An ironing table comprising a vertically disposed frame having side channels, an ironing board having a foldable prop, arbors for the board and prop slidably fitting in the said channels in said frame, a prop for said frame and foldable relative thereto, vertically disposed rack bars fitted in the frame and having notches, a bail carried by the board and vertically movable for engaging the notches in the rack bar, and loop-like straps engaged with the board and the

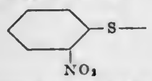
prop therefor and slidably confined within the channels for effecting a movable engagement



between the respective arbors of the board and the prop.

2,134,432
LUBRICANT
Troy Lee Cantrell and James Otho Turner, Lansdowne, Pa., assignors to Gulf Oil Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application August 31, 1936, Serial No. 98,826
7 Claims. (Cl. 87—9)

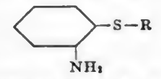
1. A method of lubricating bearing surfaces in internal combustion engines when subjected to conditions of operation which comprises maintaining between bearing surfaces, one of which is an alloy formed chiefly of a metal of the class consisting of cadmium and copper, the film of a lubricating oil which initially produces an effective lubricating action but which would normally tend to corrode the aforesaid alloy, and maintaining the effectiveness of the lubricating oil by means of between .02 per cent and 0.20 per cent by weight on the oil, of an ortho-nitro-phenyl alkyl thioether dissolved in such oil, said alkyl thioether having the following formula:



wherein R represents an alkyl group.

2,134,433
LUBRICATING OIL
Troy Lee Cantrell and James Otho Turner, Lansdowne, Pa., assignors to Gulf Oil Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application August 31, 1936, Serial No. 98,827
7 Claims. (Cl. 87—9)

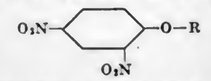
1. A method of lubricating bearing surfaces in internal combustion engines when subjected to conditions of operation which comprises maintaining between bearing surfaces, one of which is an alloy formed chiefly of a metal of the class consisting of cadmium and copper, a film of a lubricating oil which initially produces an effective lubricating action but which would normally tend to corrode the aforesaid alloy, and maintaining the effectiveness of the lubricating oil by means of between .02 per cent and 0.20 per cent, by weight on the oil, of an ortho-aminophenyl alkyl thioether dissolved in such lubricating oil, said alkyl thioether having the following formula:



wherein R represents an alkyl group.

2,134,434
MANUFACTURE OF ALKYL-PHENYLOXY-ETHERS OF 2:4 DINITROBENZENE
Troy Lee Cantrell and James Otho Turner, Lansdowne, Pa., assignors to Gulf Oil Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application April 24, 1937, Serial No. 138 858
7 Claims. (Cl. 260—612)

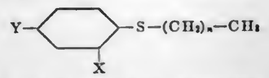
1. As new ether compounds, the substituted di-aryl ethers having the following formula:



wherein R represents an alkylated phenyl group containing at least one alkyl group having a branched chain.

2,134,435
TURBINE LUBRICATION
Troy Lee Cantrell and James Otho Turner, Lansdowne, Pa., assignors to Gulf Oil Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application April 24, 1937, Serial No. 138,859
16 Claims. (Cl. 87—9)

1. As an improvement in lubricating steam turbines with mineral lubricating oils by positively circulating such turbine oils under pressure through the moving parts of the turbine to be lubricated, collecting the oil, segregating the sediment, sludge and lace from the oil, separating the thus segregated oil from said materials and recycling the so separated oil, fresh oil being added during recycling as make-up oil to compensate for the oil contained in the separated sludge and lace, the improvement which comprises introducing into said mineral lubricating oil a minor amount of an alkyl thioether of nitrobenzene, and maintaining in said turbine oil during such recycling an amount of said thioether sufficient to substantially improve the lubrication of the turbine and the segregation of the oil from the sludge, sediment and lace, the said alkyl thioether of nitrobenzene being introduced at one stage in said cycle and having the following formula:



wherein X and Y represent hydrogen or a nitro group, at least one nitro group being present, and n is 0 to 15.

2,134,436
EXTREME PRESSURE LUBRICATION
Troy Lee Cantrell and James Otho Turner, Lansdowne, Pa., assignors to Gulf Oil Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application April 24, 1937, Serial No. 138,860
14 Claims. (Cl. 87—9)

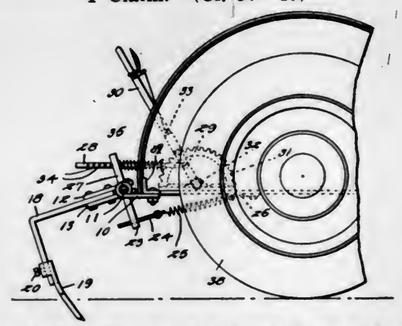
1. As a composition of matter, an improved lubricant containing a major proportion of mineral lubricating oil and minor proportion of an alkyl-phenyl oxy-ether of 2:4-dinitro benzene.

2,134,437
FRUIT PACKING DEVICE
Emmett Eugene Chewning, Perry, Ga., assignor of one-fourth to James Palmer Etheridge and one-fourth to William Cooper Jones, both of Perry, Ga.
Application May 27, 1936, Serial No. 82,108
5 Claims. (Cl. 217—3)



1. A preformed liner element for a fruit package in the form of a cushion cover comprising a disk of paper pulp material initially concave upon the side to be the outside in the package and of rigidity to support an initial layer of fruit but to yield to added weight of more fruit, whereby to reverse its concavity to become outwardly convex in the finished package.

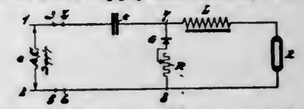
2,134,438
TRACTOR ATTACHMENT
Clyde Click, Sidney, Nebr.
Application August 23, 1937, Serial No. 160,507
1 Claim. (Cl. 97—47)



An attachment for a wheeled tractor having a chassis frame, comprising bearings fixed to the aft portion of said frame, a shaft disposed transversely of the frame and fitting said bearings, said shaft being of square formation in cross section, hanger clamps including superposed plates having registering V-shaped seats in their inner faces for engaging said shaft, arms bolted between the plates of said hanger clamps and swingably adjustable in a lateral direction, ground working elements adjustably fitting said arms, means tensioning the said shaft for urging the same in a direction for the sinking of the ground working elements in soil, a throw lever pivoted to the chassis frame, a keeper for said throw lever, an arm fixed to the said shaft and having a clearance, a coupling shank pivoted to the lever and received in said clearance, an adjustable pin fitting said coupling shank for abutment of the last-mentioned arm therewith, and a spring coacting with the shank and urging the last-mentioned arm in contacting relation with the pin.

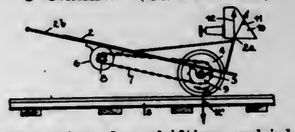
2,134,439
ENERGIZING SYSTEM FOR DISCHARGE TUBES
Eduard Gerardus Dorgelo, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands
Application December 27, 1937, Serial No. 181,929
In Germany December 29, 1936
3 Claims. (Cl. 176—124)

1. An energizing system for a high-pressure metal-vapor discharge tube having a contracted discharge path, comprising a source of alternating current, and means between said source and said tube for passing through said tube an uninterrupted and periodically varying operating current, said means comprising a circuit connected across said supply and having two parallel



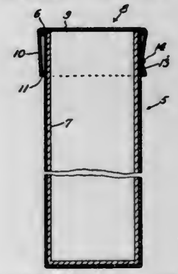
branches, a condenser in said circuit and in series with both of said branches, a rectifier in one of said branches, an impedance in said circuit between said rectifier and one end of said source, and a second impedance, said second impedance and discharge tube being connected in series in said second branch.

2,134,440
PROPELLING DEVICE FOR VEHICLES
Hector Dumont, Jambes, Belgium
Application January 22, 1934, Serial No. 707,806
In Belgium February 1, 1933
3 Claims. (Cl. 105—141)



3. An apparatus for shifting vehicles over a substantially horizontal surface, comprising a single wheel adapted to roll on said surface, an axle for said wheel, a frame supported by said axle on each side of said wheel, a motor mounted on said frame, means for transmitting motion from said motor to rotate said wheel in a single direction to drive the apparatus in a single direction, said frame having a portion projecting in front of a vertical plane passing through said axle and upwardly above the upper periphery of said wheel to engage an under surface of the vehicle to be shifted, and handle means mounted on said frame for guiding said frame.

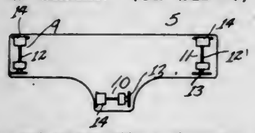
2,134,441
WATERPROOF CONTAINER
Lawrence James Geluso, Grand Rapids, Mich.
Application August 4, 1936, Serial No. 94,235
Renewed August 15, 1938
3 Claims. (Cl. 150—3)



1. A waterproof container of the character described, said container comprising a rubber-like body open at one end to receive a package of cigarettes or the like; means preventing collapse of the said body, an exterior outstanding bead on said body at said open end, a closure on said open end and comprising a cap adapted to

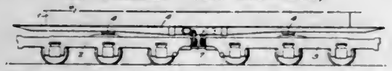
telescope on said end with the said bead then forming a seal with the inner side of the side wall of the cap, said cap having a contracted open end formed with an interior outstanding bead adapted to form a seal with the exterior of the side wall of said body at a point remote from the open end of the body.

2,134,442
TROUSER SUPPORT AND SHIRT RETAINER
Walter F. Gustlin, Santa Ana, Calif.
Application July 20, 1936, Serial No. 91,613
2 Claims. (Cl. 241—7)



1. A garment supporting element of the class described capable of being inserted in the waist band of said garment and adapted to retain the shirt of the wearer against displacement relative to the garment and to also support said garment, said supporting element comprising an elongated resilient member having one face thereof adapted to frictionally engage the shirt and having its opposite face provided with T-shaped pins, said T-shaped pins being encased in the material of the resilient member, resilient retaining members formed on said resilient member to receive the free ends of the pins and having notches to engage said free ends of the pins, whereby said pins may be engaged with said retaining members and disengaged therefrom.

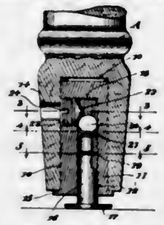
2,134,443
CENTERING DEVICE FOR LOCOMOTIVE TRUCKS
William S. H. Hamilton, Larchmont, and Frederic W. Butt, Woodside, N. Y., assignors to The New York Central Railroad Company, a corporation of New York
Original application September 4, 1936, Serial No. 99,490. Patent No. 2,116,944, May 10, 1938. Divided and this application June 4, 1937, Serial No. 146,504
22 Claims. (Cl. 105—175)



1. The combination with a locomotive cab having a supporting frame rigid therewith and a truck frame directly swiveled to said cab supporting frame of a speed controlled restraining connection between said frames operable in the travel of the locomotive to oppose a predetermined resistance to the swiveling movements of the truck frame at and above a predetermined speed of the locomotive.

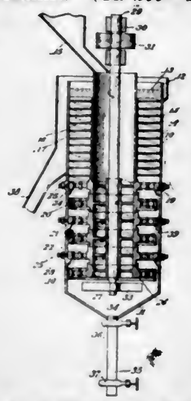
2,134,444
LEVELER
Robinson H. Harsh, Washington, D. C.
Application July 24, 1936, Serial No. 92,467
6 Claims. (Cl. 16—19)

2. A device of the class described comprising a casing having a longitudinal bore, a plunger slidably mounted within the bore and having a rounded inner end, said casing having a transversely extending internally threaded socket communicating with the inner end of said bore, a set screw threaded in said socket and having a cone-shaped inner end for contacting with the rounded inner end of said plunger whereby said



plunger will be adjusted longitudinally within said casing as said set screw is moved inwardly into binding contact with said plunger.

2,134,445
AMALGAMATOR
Ansel B. Hill, Seattle, Wash.
Application January 3, 1938, Serial No. 183,168
7 Claims. (Cl. 209—184)



1. A machine of the kind described comprising a vertically disposed cylindrical body having a hopper-like bottom, a valved receiver opening through the hopper-like bottom at the lowermost portion thereof, an impeller tube arranged within the upper portion of said body, superposed spiral amalgam plates about said tube and effecting a spiral way concentrically of the latter, series of alternately arranged stationary and revolving disks below said tube and having vertically disposed holes tapered at the top and bottom toward the middle thereof, means within the body for the seating of the stationary disks therein, circular hubs formed with the disks in alignment with the impeller tube and interfitted with each other, and means extended through the said tube and having connection with the revolving disks for imparting rotation thereto.

2,134,446
HYDROXY-SULPHONIC ACIDS
Walter Kern, Sissach, Switzerland, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland
No Drawing. Application November 30, 1936, Serial No. 113,527. In Switzerland December 31, 1935
4 Claims. (Cl. 260—512)

1. Angularly fused tetranuclear hydrocarbons containing besides hexa-carbon rings at most one penta-carbon ring and being free from methylene

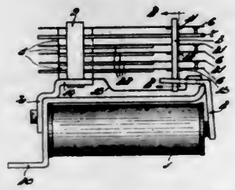
groups and which are substituted by one hydroxyl group as well as by one to two sulphonic acid groups.

2,134,447
AIRCRAFT CONSTRUCTION
Herman G. Klemm, Baltimore, and Berthoud C. Boulton, Towson, Md., assignors to The Glenn L. Martin Company, Baltimore, Md.
Original application December 29, 1936, Serial No. 118,072. Divided and this application December 7, 1937, Serial No. 178,462
2 Claims. (Cl. 244—53)



1. In an aircraft having an airfoil, an engine, a carburetor attached to said engine, and a cowling surrounding said engine, an exhaust gas and carburetor air intake system comprising an exhaust conduit, a first means to convey air from adjacent said engine in heat dissipating exchange with said conduit to an exhaust port in an area of negative pressure on a surface of said airfoil, a second means including a portion of said first means for conveying air in heat exchange relation with said conduit to said carburetor, and means for rendering operative either of said first or second means while simultaneously rendering the other of said means inoperative.

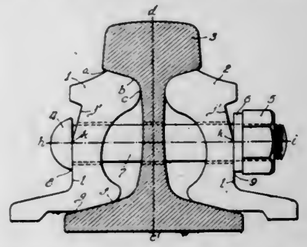
2,134,448
ELECTROMAGNETIC RELAY
Gunnar Börge Knös, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands
Application August 7, 1937, Serial No. 157,996
In Germany September 11, 1936
2 Claims. (Cl. 200—1)



1. In a relay, an armature, a plurality of flexible elongated flat contact springs arranged in a stack, a member actuated by said armature and extending on both sides and substantially perpendicularly to the longitudinal axis of said springs, and flat cross arms connected to said member and serving to move said springs from their position of rest, said cross arms extending between said springs with their active surfaces lying in planes parallel to the plane of the springs.

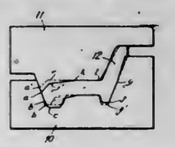
2,134,449
RAIL JOINT
George Langford, Joliet, Ill.
Application September 2, 1936, Serial No. 99,074
5 Claims. (Cl. 238—243)

1. In a rail joint including the rail ends and the joint bolts, a bar bolted to the rail ends, said bar comprising an upper portion and a lower portion connected by an intermediate web portion, one of said upper and lower portions being provided with an inner fillet having bearing contact in the corresponding web fillet for hinging movement thereabout, the other of said upper and lower portions being spaced outwardly from the rail web for wear take-up movement thereof inwardly to the rail by hinging movement of said bar about said rail web fillet, said web portion of said bar being provided with bolt holes receiving



said bolts and having its outer side divided into two flat faces, one extending from the axes of said bolt holes to said one portion of said bar at an inclination inward of the joint, and the other face extending from the axes of said bolt holes to said other portion of said bar perpendicular to said bolts when said bar is initially applied in the joint.

2,134,450
METHOD OF REFORMING RAIL JOINT BARS
George Langford, Joliet, Ill.
Original application September 2, 1936, Serial No. 99,074. Divided and this application February 1, 1937, Serial No. 123,400
3 Claims. (Cl. 29—169)

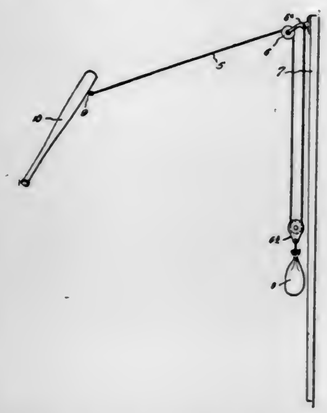


1. The method of reforming an old type rail joint bar into a new type rail joint bar which consists in first heating the bar to a working temperature and then subjecting it to a reforming pressure, said reforming pressure being directed upon the whole upper part of the bar throughout its length from a point within the plane of the bolt holes thereby to press and deflect said upper part of the bar inwardly at an angle to the remaining lower part of the bar forming two angularly related bolting faces, the outer web face of the bar, below the bolt axes, being restrained during the pressing operation against deformation or deflection throughout its length.

2,134,451
EXERCISING DEVICE
Norman Mogren, North St. Paul, Minn.
Application May 28, 1935, Serial No. 23,902
2 Claims. (Cl. 272—57)

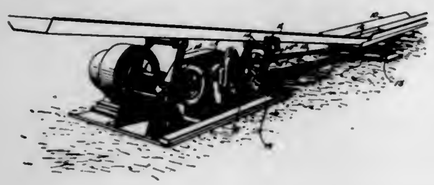
1. An exercising device comprising, in combination, a regulation bat capable of movement in all directions having a handle and adapted to be grasped in the hand and manually wielded in a particular way by the use of certain muscles in a certain way, a member attached to and adapted to be pulled by said bat when so moved and used, and means attached to said member

for yieldingly resisting pulls thereon through use of said bat in such way, whereby definite



development of said muscles used in said way is had.

2,134,452
SHAKER CONVEYER
Roscoe Moore, Kingston, Pa.
Application June 1, 1936, Serial No. 82,968
9 Claims. (Cl. 198—220)

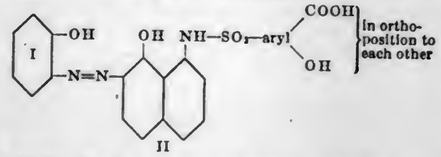


1. A reciprocating trough conveyer comprising relatively movable substantially horizontal and upwardly inclined sections, and means for imparting a reciprocating conveying motion to said sections causing movement of material placed thereon toward the upwardly inclined section, so constructed and arranged that the motions of the sections are similar and have substantially identical time intervals while the inclined section is reciprocated through a greater longitudinal stroke than the horizontal section whereby to cause material moving thereover to travel at substantially the same speed as that upon the horizontal section.

2,134,453
MORDANT AZO-DYESTUFFS AND A PROCESS FOR MAKING SAME
Max Müller and Roger Ratti, Basel, Switzerland, assignors to the firm Durand & Huguenin S. A., Basel, Switzerland
No Drawing. Application April 12, 1937, Serial No. 136,510. In Germany April 20, 1936
24 Claims. (Cl. 260—151)

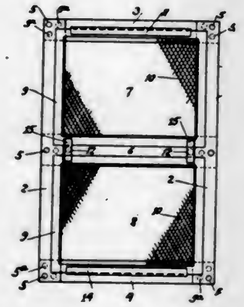
1. A process for producing mordant ortho-hydroxy-monoazo-dyestuffs, which comprises combining a diazo compound of an amine selected from the group consisting of ortho-amino-phenol and substituted ortho-amino-phenols, the substituents being selected from the group consisting of halogen, alkyl, carboxylic-, nitro- and sulpho-radicals in an alkaline medium with a 1:8-amino-naphthol-compound substituted in the amino group by an —SO_2-aryl-ortho-hydroxy-carboxylic acid radical.

19. Water-soluble metal compounds of mordant ortho-hydroxy-monoazo-dyestuffs, corresponding to the following general formula:



wherein the benzene nucleus I and the naphthalene-nucleus II bear further substituents selected from the group consisting of halogen, alkyl, carboxylic, nitro and sulpho, these dyestuffs containing at least one metal in complex combination.

2,134,454
SCREEN RETAINING UNIT
Constantin James Nicholson, Brooklyn, N. Y.
Application June 29, 1936, Serial No. 88,000
8 Claims. (Cl. 156—14)



5. An article of the class described comprising a casing including a pair of sheet metal side members, top and bottom members composed of sheet metal extending between said side members adjacent their opposite ends and a cross member of sheet metal extending between the side members intermediate their ends, said top, bottom and cross members overlying one face of the side members, an upper and a lower screen frame composed of sheet metal and designed to normally overlie the opposite face of the side members, reversely disposed channel members located adjacent the upper and lower ends of the casing and having a flange overlying the remote edges of the screen sections, a pair of pins carried by the casing adjacent the opposed edges of the screen frames and latches swivelled to the pins and normally overlying the outer faces of the frames but rotatable to a position to release said frames.

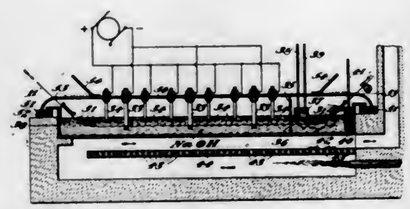
2,134,455
CHEMICAL HEATER COMPOSITION
Maurice L. Spiegel, Minneapolis, Minn.
No Drawing. Application April 24, 1936, Serial No. 76,262
13 Claims. (Cl. 44—3)

5. A composition adapted to be used in the waving of hair which is capable of simultaneously producing heat and evolving ammonia consisting of metallic magnesium and an ammonium salt capable of decomposing and evolving ammonia in reacting with the magnesium, and substance inert to the reaction.

2,134,456
MANUFACTURE OF WATER-SOLUBLE CALCIUM COMPOUNDS
Arthur Stoll and Ernst Burckhardt, Basel, Switzerland, assignors to the firm of Chemical Works formerly Sandoz, Basel, Switzerland
No Drawing. Application September 19, 1932, Serial No. 633,926. In Switzerland March 4, 1932
3 Claims. (Cl. 260—535)

1. A process for the manufacture of water-soluble calcium compounds, characterized in that dry calcium salts of polyhydroxymonocarboxylic acids, derived from polyaldoses are pulverized together with crystallized calcium bromide.

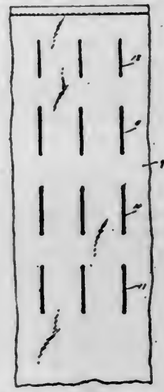
2,134,457
METAL TREATMENT
Urlyn Clifton Tainton, Baltimore, Md.
Application March 2, 1937, Serial No. 128,682
21 Claims. (Cl. 204—19)



1. In a process of treating a metallic article to remove oxides, scale and the like, the steps of placing said article in circuit and subjecting it to electrolysis as a solid cathode in a bath of molten compound of a metal of the group consisting of the alkali and alkaline earth metals adapted to be liberated at the surface of the cathode in said electrolysis, said molten bath of the compound being at a temperature below the boiling point of the liberated metal and substantially in excess of the fusion point of the molten compound and sufficiently high to dissolve the liberated metal in said bath, and maintaining the article in said bath at said temperature for a sufficient time to remove said liberated metal at the surface of said cathode by solution in said bath and free said surface of oxides, scale and the like while the article is in the bath, and then delivering the treated article from said molten bath cleared of said oxides, scale and the like.

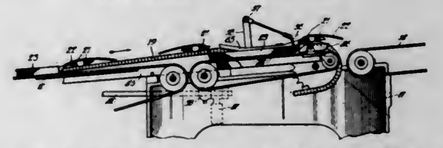
2,134,458
CURTAIN
Bernadette M. Talbot, Manchester, N. H.
Application June 27, 1935, Serial No. 28,756
Renewed January 13, 1938
4 Claims. (Cl. 156—10)

2. A device of the character described comprising a curtain to be suspended on a rod, aligned loops secured to the curtain and arranged in rows, said curtain having near its top a series of slots in alignment with said loops, and being adapted to be folded upon itself for the passage of the loops through the slots, and adapted to be again folded upon itself to bring into contact



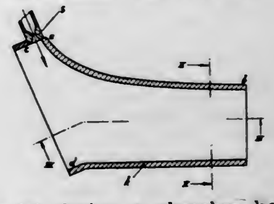
the two uppermost rows of loops for engagement with the rod.

2,134,459
PAD FOLDING MACHINE
Oscar T. Thompson, Neenah, Wis., assignor, by mesne assignments, to International Cellucotton Products Co., Chicago, Ill., a corporation of Delaware
Application November 15, 1926, Serial No. 148,322
24 Claims. (Cl. 154—29)



1. In a machine for folding a flap over the end of a package from which it projects, the combination of an intermittently movable supporting member, a continuously driven feed conveyor adapted to receive the package with the flap unfolded and to feed same endwise to said supporting member, independent means movable with said conveyor and also movable relative thereto and to said supporting member and having means for receiving the flap thereover, means for causing said flap receiving means to move upwardly relative to the package and thereover whereby the flap is folded upwardly and inwardly over the package.

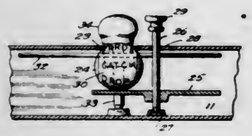
2,134,460
JET DEVICE (INJECTOR OR EJECTOR)
August van den Honert, The Hague, Netherlands
Application February 3, 1937, Serial No. 123,923
In the Netherlands February 8, 1936
9 Claims. (Cl. 230—95)



1. In a jet device, a chamber having walls forming a channel open at both ends and of approximately rectangular cross-section, the side

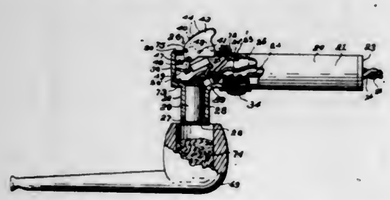
walls being substantially uniformly spaced and one edge wall being curved with its convex side towards the channel, and a nozzle at and substantially tangential to the inlet end of said curved edge wall for directing a jet of driving medium substantially transversely of the open end of the channel adjacent said nozzle, whereby the jet of driving medium is unconfined along one side and that open side serves as the suction inlet for the passive medium.

2,134,461
GAME APPARATUS
John Michael Fusco, Altoona, Pa.
Application March 22, 1937, Serial No. 132,428
1 Claim. (Cl. 273—142)



In a game apparatus, a support having playing field indicia thereon and provided with an opening, a spherical member exposed through said opening and having indicia indicative of playing activity, a turntable arranged at the opening and supporting the spherical member for rotation thereof, and means for imparting rotation to said turntable.

2,134,462
COMBINED CIGARETTE AND PIPE LIGHTER
Jerrell R. Powell, Lancaster, Tex.
Application February 12, 1936, Serial No. 63,630
9 Claims. (Cl. 219—32)

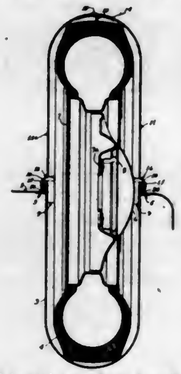


9. A combined cigar, cigarette and pipe lighter, comprising a case having a reciprocable igniter projectable from its outer part, and having an inner operative position and an outer extreme operative position, means to energize the igniter at will at all positions, a finger piece mounted movably on the case, an energy storing and transmitting device having a motion receiving member operatively connected to the finger piece and a motion transmitting member operatively connected to the igniter, the first named operative connection and device being constructed and arranged to store energy imparted by movement of the finger piece over a part of its movement, and constructed to release and convert stored energy into motion of the motion transmitting member over a distance greater than the motion of the first named operative connection, whereby a short movement of the finger piece will project the igniter to greater distances from the casing, and spring means to move the finger piece to initial position and retract the igniter, yieldable to manual operation of the finger piece.

2,134,463
INHALANT
Frank O. Taylor and Harvey M. Merker, Detroit, Mich., assignor to Parke, Davis & Company, Detroit, Mich., a corporation of Michigan
No Drawing. Application November 16, 1936, Serial No. 111,174
6 Claims. (Cl. 167—58)

1. A therapeutic agent in the form of an inhalant for local application comprising an aqueous solution of a vasoconstrictive substance, dextrose in amount not substantially less than that sufficient to make an isotonic solution and a germicidal agent in amount sufficient to inhibit bacterial and fungus growth in the solution.

2,134,464
TIRE COVER
George Albert Lyon, Detroit, Mich., assignor to Lyon Incorporated, Detroit, Mich., a corporation of Delaware
Application March 7, 1936, Serial No. 67,655
3 Claims. (Cl. 224—29)

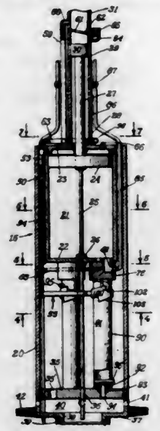


1. The combination of, a fender, a well in said fender for receiving a spare tire, said well having ledges outwardly directed at each side thereof and spaced above said fender, a cover for covering the exposed part of a tire located in said well, including surfaces at each side of said well secured for movement toward and from said ledges, each of said surfaces having terminal portions movable under said ledges and into the space between said ledges and fender, means on said portions for engaging the fender, means on said ledges for engaging said portions and means to force said surfaces together and toward the sides of said well to force said engagement of said first two means whereby said portions are gripped between the ledges and fender through said first two means for securing the cover to the well.

2,134,465
COMPRESSED AIR DEEP WELL PUMP
James E. Lacy, Los Angeles, Calif., assignor of one-half to Richard H. Lacy, San Marino, Calif.
Application September 30, 1936, Serial No. 103,338
7 Claims. (Cl. 103—46)

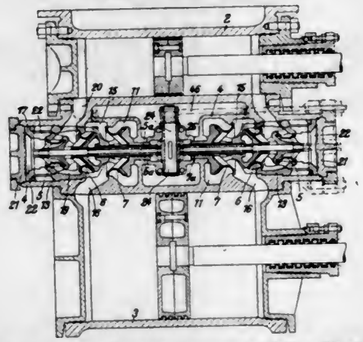
1. In a deep well pump, the combination of an outer case structure, a combined air and liquid cylinder having a plunger therein with a rod connected to the plunger, a liquid tube connected to the upper end of the liquid cylinder and having a check valve with an inlet therebelow, a valve for the air cylinder, a compressed air connection from the top of the well

to the said valve, a valve operating means having a movable element connected to the said rod, with valve rotating elements operatively positioned to be engaged thereby, the valve having an inlet and an exhaust passage for air, a means to positively move the plunger down-



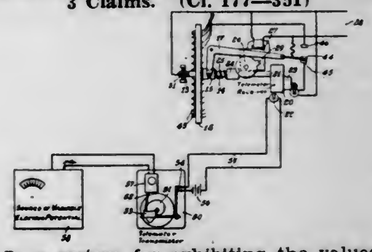
wardly comprising a small bore cylinder having a small piston therein with an operative means connecting said small piston and the rod connected to the plunger and a liquid connection from the small bore cylinder above its piston to the liquid in the liquid tube.

2,134,466
COMPOUND STEAM ENGINE
Hugo Lentz, Berlin, Germany, and Hugo Johannes Lentz, Vienna, Austria
Application January 29, 1937, Serial No. 122,994
In Germany January 29, 1936
7 Claims. (Cl. 121—102)



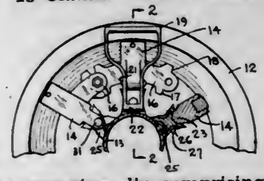
7. A compound steam engine of the Woolf type with valve gear, comprising in combination a cylinder block having a high pressure cylinder and a low pressure cylinder, sets of valves arranged at each end of said block, each set comprising an admission valve, a by-pass valve and and exhaust valve, said valves arranged co-axially one behind the other, valve spindles one carrying each of said valves and mounted one within the other, a combined cam adapted to control said sets of valves, a hollow seat for the by-pass valve, a cover plate having a bore, a piston on the outer end of the admission-valve spindle mounted to slide in the bore, a reduced portion on the admission-valve spindle defining an annular chamber between this spindle and the tubular spindle of the by-pass valve which chamber communicates with the interior of the hollow seat through the tubular spindle, a casing, conduits connecting the casing to a supply of fluid under pressure, to the cylinder, and to the interior of the hollow seat, a vent on the casing, and a manually operated control valve in the casing for controlling the conduits and the vent.

2,134,467
TELEMETERING DEVICE
Harold E. Allen, Waterbury, Conn., assignor to The Bristol Company, Waterbury, Conn., a corporation of Connecticut
Application March 31, 1937, Serial No. 134,061
3 Claims. (Cl. 177—351)



1. In a system for exhibiting the values of a variable and including means for measuring said variable and transmitting the values thereof to a receiver instrument having a motor, and an electrically actuated device for displaying the transmitted values: selector means positioned by said receiver instrument and embodying a multiposition switch having a plurality of stationary contact members and a movable contact element normally out of engagement with the same and adapted to be positioned for selective engagement therewith by said receiver instrument motor, a circuit for said switch and including said contact members and the display device, means for periodically effecting engagement between the movable contact element and selected ones of said stationary contact members as determined by said receiver instrument, circuit controlling means operated by said engagement-effecting means for interrupting the source of power for said receiver instrument motor as said contact element and contacts approach engagement, and further circuit controlling means operated by said engagement-effecting means for energizing said switch and display device when said contact members and movable contact element are in engagement.

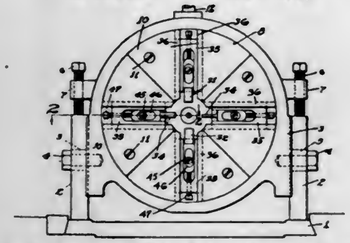
2,134,468
SLIP
Samuel F. Bashara, Houston, Tex.
Application January 28, 1935, Serial No. 3,768
15 Claims. (Cl. 24—263)



1. A pipe engaging slip comprising a plurality of tapered segments adapted to fit within a slip bowl, pipe engaging jaws carried by said segments, each of said jaws having a plurality of arcuate pipe engaging faces thereon, and re-

leasable means to secure said jaws to said segments whereby either of the pipe engaging faces of each jaw may be turned to contact the pipe.

2,134,469
SPRING FORMING DEVICE
Charles R. Bergevin, Torrington, Conn., assignor to The Torrington Manufacturing Company, Torrington, Conn., a corporation of Connecticut
Application October 26, 1937, Serial No. 171,120
10 Claims. (Cl. 140—103)



1. In a device of the class described, means for supporting a wire, a head surrounding said wire supporting means, a plurality of tools mounted on said head for movement at different angles with respect to said wire, and means symmetrically arranged about the wire axis and carried by said head for separately actuating said tools and performing a sequence of bending operations on said wire.

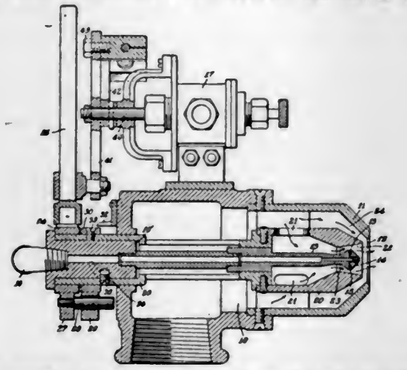
2,134,470
METHOD OF AND MEANS FOR INTERRUPTING CURRENT FLOW
Nicholas J. Conrad, Winnetka, Ill., assignor to Schweitzer & Conrad, Inc., Chicago, Ill., a corporation of Delaware
Application October 13, 1932, Serial No. 637,593
Renewed April 7, 1937
7 Claims. (Cl. 175—294)



1. The method of interrupting current flow through a circuit including a fusible link, which comprises fusing the link and establishing an arc, then progressively increasing the length of the arc and simultaneously injecting an arc extinguishing medium into the arc to deionize the arc and by said lengthening and deionizing of the arc increasing the potential drop across the arc, thereafter extinguishing said arc, substituting for the arc in the circuit a fluid dielectric of a strength greater than air to resist breakdown by the circuit voltage, by increase of potential drop across said arc breaking down a gap in shunt of said arc, creating an arc in series with said gap, then progressively increasing the length of said second arc and simultaneously injecting arc extinguishing medium into the second arc to deionize the second arc and thereby extinguish the same.

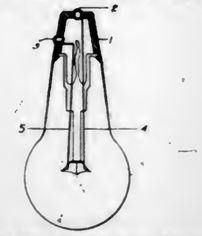
2,134,471
BURNER
Ronald S. Coulter, Roselle Park, N. J., and Alfred F. Schumann, Baltimore, Md., assignors to Hauck Manufacturing Company, Brooklyn, N. Y., a corporation of New York
Application June 18, 1936, Serial No. 85,854
5 Claims. (Cl. 158—76)

1. A burner, comprising an elongated casing closed at the rear and open at the front to afford a delivery opening, said casing being provided with an intermediate unrestricted inlet opening for a gaseous medium, a stationary nozgle member longitudinally disposed within the casing and having in proximity to the delivery opening radial outlets for delivery of liquid fuel, a sleeve adjustably mounted coaxially about the nozzle member with a portion intermediate the casing and outlets of said nozzle member spaced from both to afford passageways between the casing and said sleeve and between the latter and



the nozzle member, said sleeve having peripheral openings for admission of the gaseous medium to its interior, the construction and arrangement thus providing for flow thereof through both passageways and in all positions of said sleeve about the nozzle member outlets, and the periphery of said sleeve at the delivery end of the casing forming therewith an annular orifice for the discharge of the gaseous medium flowing about the sleeve, and means to adjust axially the said sleeve relatively to the nozzle member outlets and the casing.

2,134,472
INCANDESCENT ELECTRIC LAMP BASE
Guy N. Criger and Lee Roy Dehler, Rock Island, Ill.
Application May 9, 1936, Serial No. 78,838
7 Claims. (Cl. 176—32)

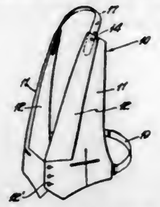


1. In an incandescent electric lamp, a base for said lamp, said base having a resilient compressible thimble shaped sleeve cap, of an electrical nonconductor substance, contact projections in said cap, one of said contacts being a metal strip projection.

2,134,473
VEST
Larry R. Engelson, New York, N. Y.
Application October 5, 1937, Serial No. 167,340
7 Claims. (Cl. 2—102)

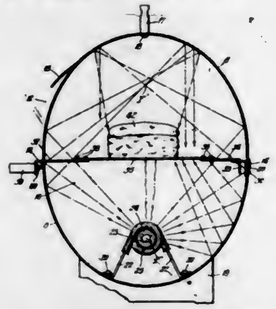
1. A vest comprising two separate body sec-

tions, a lapel carried by each of said body sections, each of said lapels overlying a portion of its respective body section, fastening means provided at the outer top corner edge of each lapel to secure the same to its associated body section,



a collar strap having its ends disposed beneath the top portions of the lapels on said body sections, and releasable fastening means carried beneath each lapel and concealed thereby and securing the ends of said collar strap and the respective body sections together.

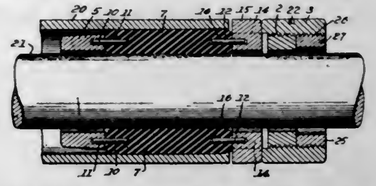
2,134,474
OVEN
Durwin D. Gillespie, Wilmette, Ill.
Application March 30, 1935, Serial No. 13,978
8 Claims. (Cl. 126—273)



1. A table type of portable oven for baking biscuits and the like comprising a chamber having upper and lower complementary portions, said upper portion having an internal reflecting surface parabolic in right cross section and said lower portion having an internal reflecting surface elliptic in right cross section, closures for the ends of said portions, a rectangular tray for supporting the biscuits intermediate said upper and lower portions, said tray being formed of metal and having a width substantially less than the inner transverse dimension of said chamber, and an elongated heat generating element disposed along the focal axis of said lower portion so arranged and constructed as to radiate heat rays directly to the under surface of said tray and to indirectly radiate heat rays to the upper surface of said tray past the edges thereof by reflection from said reflecting surfaces for baking the biscuits.

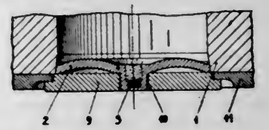
2,134,475
SELF-HOLDING PLUG
Raymond V. Green, Fulton, N. Y.
Application April 3, 1937, Serial No. 134,833
1 Claim. (Cl. 242—68)

In a self holding plug, a member mounted to a shaft, whereby to engage a core and a shaft, open recesses formed in said member, yielding pads mounted within said recesses, pins fastened to said member, whereby to hold said pads in given position, an annular member having projections for engaging said first named member, pins mounted in said projections for engaging said



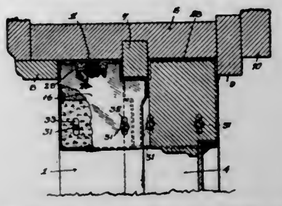
pads and a follower nut for moving said last named member, whereby to expand said yielding pads into frictional engagement with said core and said shaft.

2,134,476
BREECH PACKING FOR FIREARMS
Jaroslav Hásek, Prague, Czechoslovakia
Application March 6, 1936, Serial No. 67,452
In Czechoslovakia March 8, 1935
3 Claims. (Cl. 89—26)



1. A breech packing for fire-arms, comprising a packing disc composed of non-resilient deformable material, said disc being forwardly arched and having a rearwardly extending interiorly threaded flange, a rigid non-deformable backing behind said disc and provided with a threaded portion engaging said flange threads, and normally disengaged interlocking elements on said disc and backing, said elements being adapted to engage with each other when the deformable disc straightens out upon firing.

2,134,477
WEATHER GUARD
Henry O. Hendriksen, Brooklyn, N. Y.
Application December 1, 1937, Serial No. 177,426
2 Claims. (Cl. 20—52.4)



1. A weather guard for movable closures, comprising a casing having a cover plate provided with downwardly extending protective and confining flanges along three sides, the cover plate projecting beyond the flanges along one side, a rubber elastic cushion fitted within the flanges, and a contact pad located in advance of the elastic cushion, the cushion and contact pad being of a thickness corresponding to the depth of the flanges, and means to adjustably secure the casing with the uncovered edge of the contact pad in close engagement with the adjacent parts of the frame for the movable closure.

2,134,478
TUNNELING MACHINE
Denzil M. Hollingsworth, St. Louis, Mo., assignor to Equipment Rental Corporation, St. Louis, Mo., a corporation of Missouri
Application May 11, 1938, Serial No. 207,257
6 Claims. (Cl. 61—85)



1. A tunneling machine comprising a longitudinally movable shield, means for advancing said shield, a drilling device capable of rotatable and longitudinal movement, means for rotating said drilling device and means for advancing said drilling device longitudinally, the face member of said drilling device being provided with radial slots, detachable drilling blades for attachment to either side of said slots depending upon the direction of rotation of said drilling device, buckets connected to said drilling device for receiving earth removed during the operation of said drilling device, and a traveling conveyor adapted to receive said earth from said buckets for conveying said earth rearwardly away from said drilling device.

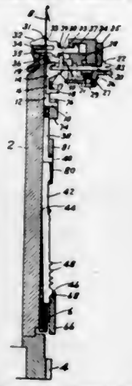
2,134,479
KNITTING METHOD AND MACHINE
Wilbur L. Houseman, South Orange, N. J., assignor to Standard-Trump Bros. Machine Co., Laconia, N. H., a corporation of Delaware
Application March 30, 1934, Serial No. 718,197
27 Claims. (Cl. 66—36)



1. A circular knitting machine including a needle cylinder, needles slidable in said cylinder, means cooperating with the needles for the formation of stitches, elements individually associated with at least certain of said needles and slidable in said cylinder into alternative positions, means cooperating with the elements at one location in the formation of a course whereby needles may be selectively deflected dependent upon the positions of the elements associated therewith, and means acting at a prior location to selectively slide said needles to thereby effect selective positioning of said elements.

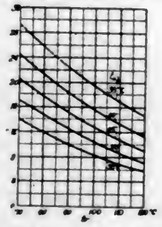
2,134,480
KNITTING METHOD AND MACHINE
Harold E. Houseman, Laconia, N. H., assignor to Standard-Trump Bros. Machine Company, Laconia, N. H., a corporation of Delaware
Application January 25, 1935, Serial No. 3,376
27 Claims. (Cl. 66—50)

1. A circular knitting machine including a needle cylinder, needles slidable in said cylinder, means for feeding a plurality of yarns to the needles, members movable between the needles and arranged to engage the yarns when stitches are being drawn, elements individually associated with at least certain of said needles and movable into alternative positions, means cooperating with the elements adjacent the stitch drawing position



to variously move the members to effect the production of normal or reverse plating depending upon the positions of elements, and means for positioning said elements at a prior location, said last means including means for selectively variously moving needles associated with said elements.

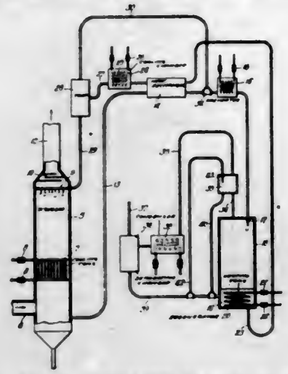
2,134,481
PROCESS OF REMOVING SULPHUR DIOXIDE FROM WASTE GASES
Henry F. Johnstone, Urbana, Ill., assignor, by mesne assignments, to Commonwealth Edison Company, Chicago, Ill., a corporation of Illinois
Application December 23, 1935, Serial No. 55,713
1 Claim. (Cl. 23—178)



The method of recovering sulphur dioxide from gases containing approximately 0.3% sulphur dioxide which comprises passing said gases into contact with an aqueous solution of ammonium sulphite and ammonium bisulphite at substantially 45° C. and containing not less than 11 nor more than 14 moles of ammonia per 100 moles of water, subsequently heating said solution to 100° C. to liberate said sulphur dioxide, and returning said regenerated solution for contact with said gases.

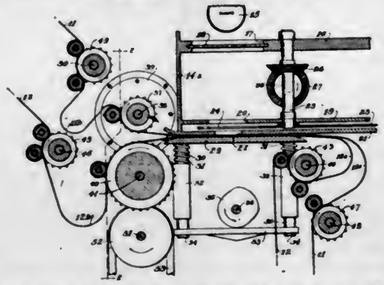
2,134,482
PROCESS OF RECOVERING SO_2 FROM WASTE GASES
Henry F. Johnstone, Urbana, Ill., assignor, by mesne assignments, to Commonwealth Edison Company, Chicago, Ill., a corporation of Illinois
Application December 28, 1935, Serial No. 56,433
5 Claims. (Cl. 23—178)

5. The method of increasing the vapor pressure of sulphur dioxide over an ammonium sulphite-bisulphite solution heated to or near the normal boiling point of the solution during re-



generation, which comprises adding to said solution a liquid organic acid of the group consisting of butyric, valeric and caproic acids capable of displacing sulphur dioxide therefrom.

2,134,483
APPARATUS FOR PRINTING MOTION PICTURE COLOR FILM
Robert T. Killman and Thomas A. Killman, Nashville, Tenn.
Application November 16, 1936, Serial No. 110,962
1 Claim. (Cl. 95—75)



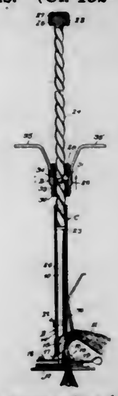
In a device for printing motion picture film, a frame comprising two mutually parallel side plates, a light box positioned between said plates and having three lower walls pierced by aligned apertures, a light source positioned in said box, a plate of light diffusing material covering the upper of said aligned apertures, a fan shutter disk having opaque blades, mounted for rotation between the two lowermost walls and operative to intermittently close the two lowermost apertures, a pressure plate forming with the lower surface of the lowermost of said wall a guiding means for the films to be printed, slide rods depending from and rigidly attached to said pressure plate, bearing members attached to one of said side plates and provided with bearing holes for receiving said slide rods for vertical sliding movement thereof, resilient members encircling said slide rods and interposed between said pressure plate and said bearing members and operative to urge said pressure plate upward against the lower surface of the light box, a cam follower plate connecting the lower ends of said slide rods, a cam member journalled for rotation in said side plates and cooperative with said cam follower plate to cause vertical reciprocatory motion of said pressure plate, means for moving a film intermittently one frame at a time past the aperture in the lowermost of the three lower walls of the light box, and means for advancing a second film intermittently, two frames at a time, between said first mentioned film and the pressure plate, both films being advanced simultaneously, said movement taking place only while the pressure of said pressure plate against said films is released by the action of the cam.

2,134,484
CHENILLE YARN
Morris Kline, Chicago, Ill.
Application January 13, 1938, Serial No. 184,787
1 Claim. (Cl. 139—395)



A chenille yarn having core strands, certain of said core strands being elastic and under tension whereby the yarn is compressed longitudinally and may be stretched.

2,134,485
HAIR WAVING APPARATUS
Ragnvald G. Leland, New York, N. Y.
Application August 13, 1937, Serial No. 158,985
8 Claims. (Cl. 132—33)

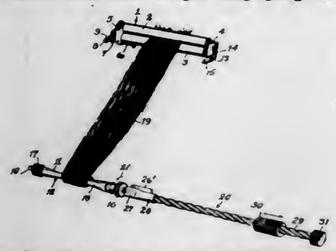


1. A hair waving apparatus including a forming bar, a clip member on the forming bar adapted to hold a strand of hair wound thereon and guide the strand of hair in the winding operation, said clip member being movable on the forming bar and including a collar and a pair of spring arms depending from the collar, a clip turning member including a sleeve adapted to receive the forming bar, means separably coupling the clip member and the sleeve, a screw fixed in the sleeve, and a ball clutch member adapted to be reciprocated on the screw to impart rotary motion to the same and to the sleeve and clip when the clutch member is moved outwardly from the screw.

2,134,486
HAIR WAVING APPARATUS
Ragnvald G. Leland, New York, N. Y.
Application February 9, 1938, Serial No. 189,477
4 Claims. (Cl. 132—33)

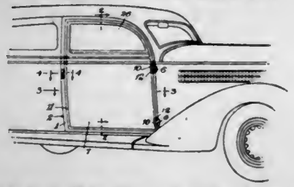
1. A hair waving apparatus including a clamp adapted to be placed near the head of a person for clamping a strand of hair near the scalp, a forming bar, a clip on the forming bar adapted to hold the outer end of said strand during the winding operation, said bar having a shank, a bar turning member removably connected to said shank, said turning member including a socket fit-

ting over said shank and a threaded body, a traveling clutch on said body, a rotatable finger engaging member at the end of said forming bar opposite said shank whereby when said traveling clutch is moved toward said socket by the right hand of an operator and said finger engaging member is



grasped by the left hand of said operator, said body will rotate and will in turn rotate said forming bar until said strand of hair has been wound thereon and said bar moved to a position against said clamp, and means for locking said bar to said clamp.

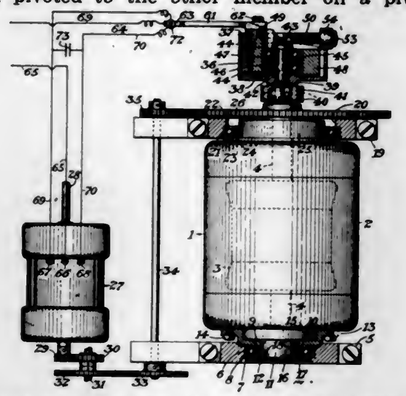
2,134,487
EXPANSIBLE DOOR FOR AUTOMOBILES
David Levinson, Brooklyn, N. Y.
Application July 9, 1937, Serial No. 152,774
2 Claims. (Cl. 296—44)



1. An expansible door for the door opening of an automobile, comprising a substantially rectangular door frame hingedly connected along one of its vertical edges to the automobile so as to swing into and out of said door opening, said door frame being of a size to fit said door opening, a rectangular coupling frame of the same shape as said door frame and of a size to fit therein, said coupling frame being hingedly connected along one vertical edge to said door frame and independently swingable into and out of said door frame, a rectangular panel of the same shape as said coupling frame hingedly secured along one of its vertical edges to said coupling frame, said panel being of a size to fit into said coupling frame and be independently swingable into and out of said frame, said door frame, said coupling frame and said panel being nestable in the same plane in said door opening, said door frame, coupling frame and panel being formed with loosely interlocking channel and flange connections to limit the outward swinging movement of said coupling frame and panel independent of said door frame.

2,134,488
YIELDABLE DRIVE COUPLING
Edward J. Poitras, Jackson Heights, and James D. Tear, Great Neck, N. Y., assignors to Ford Instrument Company, Inc., Long Island City, N. Y., a corporation of New York
Application April 5, 1935, Serial No. 14,814
6 Claims. (Cl. 192—150)

1. A drive coupling comprising the combination of coaxial driving and driven members, a cylindrical cam concentrically mounted on one member with its cam surface on one end radially equidistant from its axis of rotation, a follower arm pivoted to the other member on a pivot



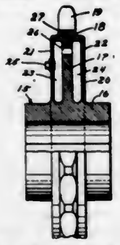
transverse of the axis of rotation, a follower on the free end of the arm adapted to engage the cam surface, and resilient means urging the follower toward the cam surface.

2,134,439
COLLAPSIBLE DISPENSING CAPSULE
Robert P. Scherer, Detroit, Mich.
Application September 23, 1937, Serial No. 165,299
4 Claims. (Cl. 221—60)



1. A gelatin capsule having a projecting tubular spout portion closed normally at its outer end, said capsule being filled with content material dispensible through said spout when the same is open, said spout portion terminating in its outer end in a hollow protuberance communicating with the main portion through a weakened tubular portion of restricted diameter as compared with the remainder of the spout.

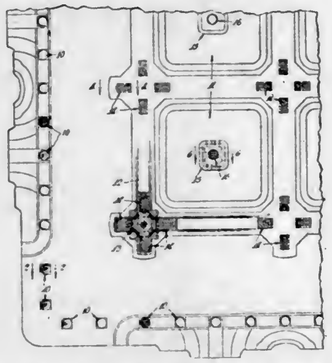
2,134,490
SELF-OILING CHAIN SPROCKET
Charles W. Shartle, Jr., Houston, Tex.
Application November 9, 1936, Serial No. 109,830
3 Claims. (Cl. 74—243)



1. A toothed wheel comprising a hub, a web on said hub, a rim mounted on said web and having teeth on the periphery thereof and inwardly extending walls attached to the rim on opposite sides of said web to form a reservoir

said web being provided with transverse openings adjacent said rim and said rim having passages extending from said openings to spaces between certain of the teeth.

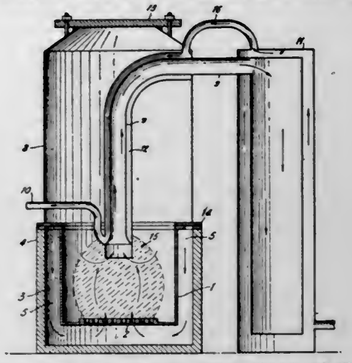
2,134,491
ART OF ILLUMINATION
Edward F. Sibbert, Brooklyn, N. Y., assignor to S. H. Kress and Company, New York, N. Y., a corporation of New York
Application February 6, 1936, Serial No. 62,599
10 Claims. (Cl. 240—9)



1. A lighting installation for a show room or the like, comprising a plurality of lighting units disposed in corresponding openings in the ceiling at the corners of rectangular ceiling panels, each of said openings being rectangular and extending from the corresponding corner along the side of the panel, a lamp within each of said openings and above the level of the ceiling, each of said openings framing a corresponding rectangular baffle unit, with an ornamental pattern of louver walls, the walls of each unit arranged vertically, directly below said lamp and certain of the walls laterally of said lamp inclined outwardly, thereby to project the rays downward substantially in the plane of the ceiling panel side, said baffle unit serving to prevent glare in a substantial portion of the area illuminated from the unit.

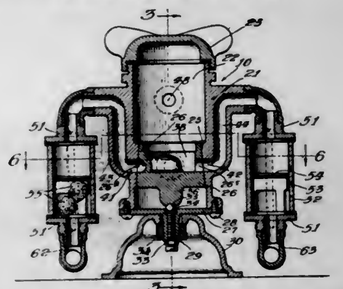
2,134,492
UPDRAFT GAS PRODUCERS
William Macarthur Telford, Warwick, Queensland, Australia
Application November 20, 1936, Serial No. 111,817
In Australia December 3, 1935
1 Claim. (Cl. 48—76)

A gas producer comprising a casing, a cover-flange which is marginally rested upon the rim of the casing, a hopper upstanding from and supported by the flange, an unlined furnace pendent from the flange at its approximate inner periphery and stopping short of the bottom of the casing thereby defining obstructed annular and bottom spaces, a flat grate fitted into the bottom of the furnace, said grate being substantially smaller in size than said bottom thereby to confine the burning fuel substantially to the region immediately above the grate, thus providing for a substantially unconsumed fuel layer between the furnace wall and said region, injector means projected through the casing close to the flange by which to introduce a supporter of combustion, and a gas-outlet pipe located axially of the furnace and having its inlet centered within the furnace and in said region, said pipe having a fluid-cooled jacket surrounding said pipe within



the producer but terminating short of its inlet end.

2,134,493
APPARATUS FOR CLEANSING CONDUITS
Steve Uroukoff, Harvey, Ill.
Application August 26, 1936, Serial No. 97,870
3 Claims. (Cl. 225—12)



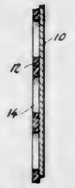
1. Apparatus of the character described, comprising a chambered body adapted to contain a cleaning compound, a removable cover for one end of said chamber, a tapered valve seat formed in said chamber adjacent its opposite end, and a rotary cup shaped valve plug therefor, the cavity of said plug constituting the bottom of said chamber, a pair of pipe conduits extending from said chambered body adapted to be connected to the opposite end of pipes or coils to be cleaned, or to the ends of a plurality of pipes connected in series, the ports of said conduits extending through the valve seat portion of said chamber, a discharge conduit extending from said body having its port extending through the valve seat portion, and a water inlet conduit having its port extending through the upper portion of said body and adapted to admit water under pressure to said chamber and to cleaning compound contained therein, the said valve plug having two ports extending through the walls thereof and adapted to alternately register with the port of one pipe conduit or the port of the other pipe conduit and admit water thereto, and a non-chamber-communicating slot on the exterior of said valve plug adapted to alternately form a communicating passage between the port of one or the other of the pipe conduits and the port of the discharge conduit whereby when one of the ports in the plug is in registry with one of the ports leading through the seat to a pipe conduit, the non-chamber-communicating slot establishes

communication between the other pipe conduit and the discharge conduit, and on movement of the plug the other port in the plug communicates with the other pipe conduit and the non-chamber-communicating slot establishes communication between the first mentioned pipe conduit and the discharge conduit, the said valve plug being adapted to be limitedly rotated in opposed directions to effect the aforesaid alternate registration whereby increments of liquid are continuously introduced through the chamber alternately to the opposite ends of a pipe or coil connected thereto and increments of liquid are continuously discharged from the opposite end of said pipe or coil through the discharge conduit of said chamber.

2,134,494
FACE PAINT BASE
Helene Winterstein, née Vierthaler, Vienna, Austria
No Drawing. Application March 9, 1935, Serial No. 10,277. In Austria March 16, 1934
3 Claims. (Cl. 167—85)

1. A permanently plastic cosmetic paint for eyebrows and eyelashes having a base consisting of an emulsion of unsaponified wax with aqueous liquids and containing a rapidly drying oil which is volatile at ordinary temperatures, said volatile oil being present in such an amount as to produce rapid drying of the said emulsion when the latter has been exposed after being applied to the eyebrows and eyelashes.

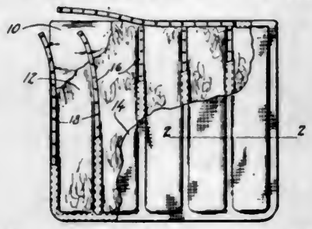
2,134,495
LAMINATED STRUCTURE
Herbert J. Woodall and Meredith S. Randall, Detroit, Mich., assignors to Woodall Industries Incorporated, Detroit, Mich., a corporation of Michigan
Application May 25, 1931, Serial No. 539,762
12 Claims. (Cl. 154—44)



1. A laminated structure comprising a sheet of vibratile non-sound insulating material, and a second sheet of porous fibrous sound insulating material secured thereover forming an integral structure therewith, said second sheet provided with a plurality of substantial apertures exposing the porous interior structure thereof.

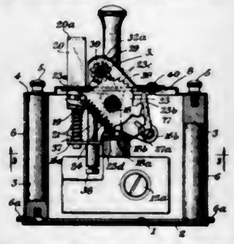
2,134,496
TRIM PANEL CONSTRUCTION
Paul R. Zinser, Detroit, Mich., assignor to Woodall Industries Incorporated, Detroit, Mich., a corporation of Michigan
Application November 16, 1936, Serial No. 110,992
2 Claims. (Cl. 154—45.9)

1. A trim panel comprising a foundation board, a layer of wadding overlying one face of the board, a fastener strip overlying the wadding and provided with prongs extending through the wadding into the board but without passing through the board securing the wadding along the lines of said strips compacted against the board defining an uncompressed area of wadding, said strips reinforcing and strengthening the board, and a layer of trim material secured by adhesive to the wadding along the line of said strip and forming a moisture resistant layer over said strips, said



strips being provided with apertures therethrough, said adhesive extending through the apertures in the strip into the wadding thereunderneath.

2,134,497
PYROPHORIC LIGHTING MECHANISM
Louis V. Aronson, Newark, N. J., assignor to Art Metal Works, Inc., a corporation of New Jersey
Application August 24, 1935, Serial No. 37,645
4 Claims. (Cl. 67—4.1)

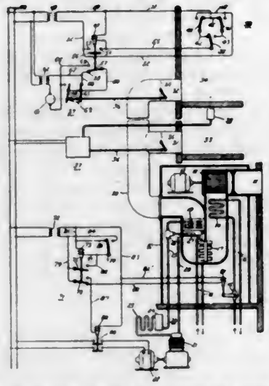


2. A lighter construction, comprising pyrophoric sparking mechanism for projecting a stream of sparks, a depressible member for actuating said mechanism, said member having a portion overhanging the path of said sparks, and a torch engageable with said portion to depress said member, said torch having a wick downwardly protruding at its lower extremity and also having a rigid shoulder just above such protruding wick portion, said overhanging portion being formed to embrace said shoulder, with the wick depending into said path of the sparks as said actuating member is depressed by said torch.

2,134,498
REVERSIBLE THERMOSTATIC SYSTEM
Edward A. Bailey, West Caldwell, N. J., assignor to General Electric Company, a corporation of New York
Application March 21, 1936, Serial No. 70,099
8 Claims. (Cl. 236—1)

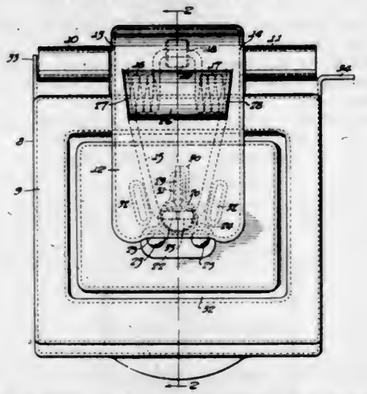
5. In combination, temperature control means having an energizing circuit, three temperature responsive switches, each responsive to the temperature controlled by said means with one of said switches operable between two circuit closing positions upon opposite variations in temperature in a range intermediate two other temperature ranges and with the other two of said switches each operable to a circuit closing position one upon a decrease in temperature in the lowest of said other ranges and the other upon an increase in temperature in the highest of said other ranges, and connections separately controlled by said two switches jointly with said one switch for closing and opening said energizing circuit in

the lowest of said temperature ranges on a decrease and increase in temperature respectively



and in the highest of said temperature ranges on an increase and decrease in temperature respectively.

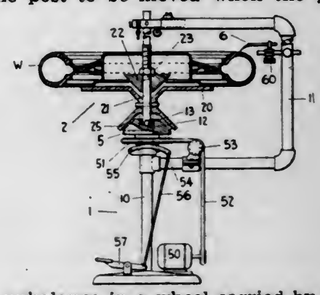
2,134,499
JOURNAL BOX
Donald S. Barrows, Rochester, N. Y., assignor to The Symington-Gould Corporation, Rochester, N. Y., a corporation of Maryland
Application December 28, 1934, Serial No. 759,590
10 Claims. (Cl. 308—47)



1. A journal box lid assembly comprising a closure member formed with a pocket in its outer face, a ball seated in said pocket, a clip riveted to said closure member and nesting over said ball for holding it in place, a spring lying over the face of said closure member and with lower end portions secured to said ball, and a hood covering said spring and held in place thereby.

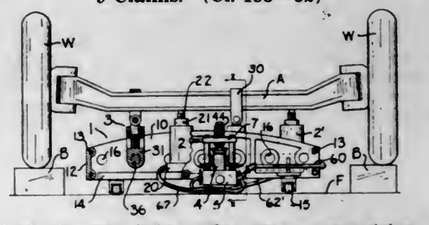
2,134,500
WHEEL BALANCER—DYNAMIC-TYPE
Claude C. Bennett, South Bend, Ind., assignor to A. E. Feragen, Inc., Seattle, Wash., a corporation of Washington
Application January 14, 1935, Serial No. 1,687
10 Claims. (Cl. 73—51)

1. A wheel balancing device comprising a stand, a wheel support, including a vertically disposed post centrally rotatably mounted on said stand to tilt realtive to its axis of rotation, means restraining tilting movement of said post except in one direction, a contact member engageable with the post to be moved when the post tilts



due to unbalance in a wheel carried by the support, and indicator means operable by such movement of said contact member.

2,134,501
AXLE PRESS
Claude C. Bennett, South Bend, Ind., assignor to A. E. Feragen, Inc., Seattle, Wash., a corporation of Washington
Application October 18, 1935, Serial No. 45,572
9 Claims. (Cl. 153—32)



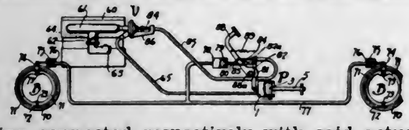
1. A heavy duty axle press comprising a strongback bar, hold-down means engageable with an axle to be pressed, anchoring means to secure said hold-down means to the strongback bar, a plurality of hydraulic jacks resting upon and shiftable along the strongback bar, a pump independent of and operatively connected to the jacks, a valve block operatively connected to said pump, and including valve means controlling delivery of fluid from the pump to any selected jack or jacks, and flexible conduits connecting the valve block with each jack.

7. A compact heavy duty axle press comprising a strongback bar including a pair of spaced plates rigidly connected together, each having along its lower edge an inwardly directed, longitudinally extending flange, casters supporting the strongback bar for movement over a floor and beneath the axle of an automobile, axle-engaging members adapted for securement to the strongback bar, and a jack disposed between said plates and resting upon said flanges in disconnected engagement therewith, said jack being thereby positioned to engage the lower surface of the axle to be bent.

2,134,502
BRAKE
Caleb S. Bragg, Palm Beach, Fla., and Victor W. Kliesrath, South Bend, Ind.
Original application June 27, 1930, Serial No. 464,176. Patent No. 1,945,515, February 6, 1934. Divided and this application December 15, 1933, Serial No. 702,460
21 Claims. (Cl. 188—152)

1. In a brake system for automotive vehicles, the combination with brake mechanism, a power

actuator operated by differential pressures having relatively movable members, a pivoted pedal lever, a power applying lever pivotally connected therewith and operatively connected with brake mechanism, of means comprising a controlling valve mechanism for exerting a reactionary force on the pedal proportionate to the differential pressure, said valve mechanism having a valve casing provided with an annular seat, and a chamber surrounding said seat, said seat and said chamber



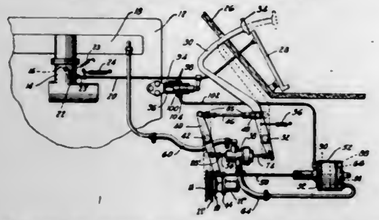
being connected respectively with said actuator and with a source of suction, a diaphragm provided with seat engaging means and with an air inlet valve chamber secured to and supported by the diaphragm, means for connecting said valve chamber at all times with the portion of the valve casing in communication with the actuator, an air inlet valve in said valve chamber, and connections between said valve and the pedal lever, for operating said valve by the relative movement between it and the power applying lever.

2,134,503

CLUTCH CONTROL MECHANISM

Robert P. Breese, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware

Application March 30, 1934, Serial No. 718,128
12 Claims. (Cl. 192—.01)



1. A clutch actuating mechanism for a motor vehicle having an internal combustion engine provided with a source of suction and a throttle, an accelerator controlling the throttle, a clutch, a clutch pedal, suction power means for operating the clutch, linkage interconnecting said power means and clutch, linkage including a follow-up valve interconnecting the clutch pedal and the first mentioned linkage and alternately connecting the suction power means with the source of suction and with the atmosphere and means operated by the accelerator to progressively vary the venting of the power means as the accelerator is moved toward the open position.

2,134,504

COMBATING INSECTS

Karl Brodersen and Matthias Quaedvlieg, Dessau in Anhalt, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application June 23, 1936, Serial No. 86,821. In Germany November 30, 1932
9 Claims. (Cl. 167—22)

1. A solid insecticide comprising an addition compound of an alkyl ester of formic acid having a boiling point not higher than 150° C. with an anhydrous alkaline earth metal chloride of the group consisting of magnesium and calcium chloride, which double compound is decomposed by the action of water or moisture.

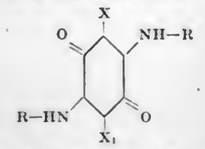
2,134,505

DYESTUFF-SULPHONIC ACIDS OF THE DIOXAZINE SERIES AND PROCESS OF PREPARING THEM

Arnold Brunner, Heinrich Greune, Max Thiele, and Karl Thiess, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application October 4, 1935, Serial No. 43,632. In Germany October 10, 1934
12 Claims. (Cl. 260—246)

7. The compounds which are identical with the compounds obtained by the process which comprises causing fuming sulphuric acid to act on a compound of the general formula:



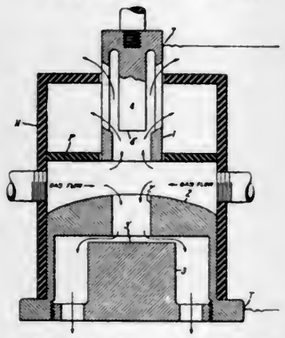
wherein X and X_1 represent a member of the group consisting of hydrogen, halogen and alkyl and R represents a member of the group consisting of sulphonated diphenylamine and sulphonated phenylnaphthylamine radicals, and heating for some hours the product thus obtained in the presence of dilute sulphuric acid.

2,134,506

ELECTRIC CIRCUIT INTERRUPTER

Herbert Buchwald, Berlin-Reinickendorf, and Erwin Marx, Braunschweig, Germany, assignors to General Electric Company, a corporation of New York

Application June 10, 1935, Serial No. 25,904
In Germany June 12, 1934
5 Claims. (Cl. 200—148)



1. In a gas blast arc-interrupting system, the method which comprises directing gas under pressure at high velocity around and longitudinally of the axis of the arc to be interrupted in opposite directions toward both of the roots of said arc, and sharply deflecting the flow of said gas adjacent said roots radially from said axis.

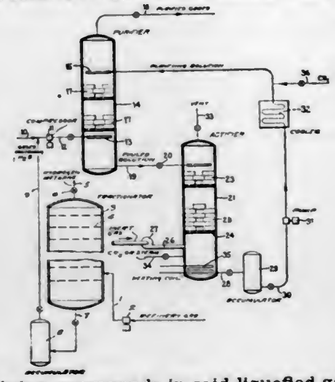
2,134,507

PURIFYING GASES

Horace B. Cooke, Greenwich, Conn., assignor to Process Management Company, Inc., New York, N. Y., a corporation of Delaware

Application February 12, 1936, Serial No. 63,493
3 Claims. (Cl. 23—3)

1. A method of desulphurizing gases obtained from oil refinery operations which comprises separating hydrogen and methane from said gases to obtain normally gaseous hydrocarbons containing at least two carbon atoms per molecule therefrom, passing said normally gaseous hydrocarbons through a treating zone at a temperature sufficiently low and at a pressure sufficiently high to maintain said gases in liquefied condition, intimately contacting said gases while in liquefied state in said treating zone with a sodium carbonate solution capable of reacting with sulphur-



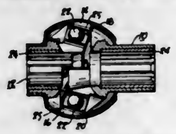
containing compounds in said liquefied gas, separating the thus treated liquefied hydrocarbons from the sodium carbonate solution containing the sulphur compounds, passing the sodium carbonate solution containing the sulphur compounds to an activation zone, removing said sulphur compounds therefrom in said activation zone to reactivate the sodium carbonate for further use, and returning the reactivated sodium carbonate solution thus obtained to said treating zone.

2,134,508

UNIVERSAL JOINT

John M. Floyd, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana

Application February 21, 1936, Serial No. 65,068
19 Claims. (Cl. 64—21)



10. A die-cast universal joint including a body member and a plurality of spaced arms, a stamped reinforcing insert positioned in the body section and provided with radially extending reinforcing segments projecting into the spaced arms.

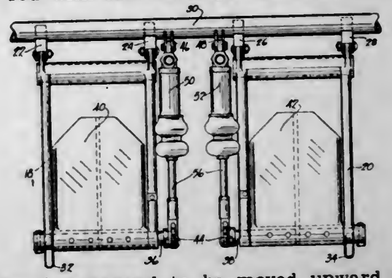
2,134,509

BRAKE

Frederick C. Frank, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana

Application September 18, 1935, Serial No. 41,137
6 Claims. (Cl. 244—86)

1. A brake system for an airplane comprising a pair of rudder pedals in the form of stirrups, a pair of brake pedals one mounted on each of said rudder pedals, a master cylinder mounted on each of said rudder pedals, brakes, means whereby movement of each of said brake pedals relative to its associated rudder pedal actuates one said master cylinder, and means whereby actuation of each of said master cylinders operates one of said brakes, further characterized in that there is provided a brake pedal arm operated by each brake pedal and in that each master cylinder is pivoted at its upper end, normally has its longitudinal axis substantially vertical, and has a piston in the lower end thereof connected by a piston rod with said brake pedal arm so that the



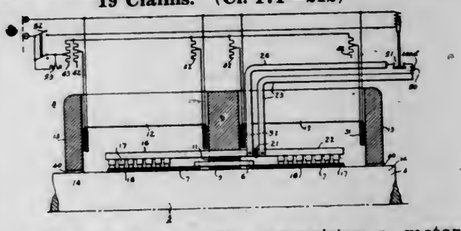
piston is arranged to be moved upward upon movement of the brake pedal, the link comprising said master cylinder and its piston being disposed substantially parallel to the stirrup but the brake pedal arm being longer than the distance between the pedal axis of the stirrup and the pedal axis for the master cylinder, whereby movement of the rudder pedals in controlling the rudder causes a corresponding movement of the pivotal axis of the brake pedal but a differential movement of the opposite end of the brake pedal.

2,134,510

FIELD WINDING FOR UNIPOLAR GENERATORS

Floyd T. Hague, Pittsburgh, and Frederick R. J. Davis, Irwin, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

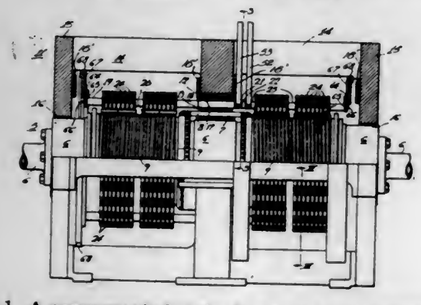
Application December 14, 1935, Serial No. 54,517
19 Claims. (Cl. 171—212)



1. A unipolar generator comprising a motor member including a shaft of magnetizable material, an intermediately disposed rotor-core, and a collector-cylinder disposed at each end of the rotor-core, a stator member including an intermediately disposed stator-core surrounding said rotor-core and separated therefrom by a cylindrical air-gap, said stator member also including a frame member extending axially in each direction from the outer periphery of the stator-core, and an end-bracket for completing the magnetic circuit from each frame member to a point in the shaft outside of the collector-cylinder at that end of the machine, means, including a large number of brushes, spaced both axially and circumferentially, for leading the current respectively from and to the respective collector-cylinders, and stator field-exciter means including a field-coil surrounding the shaft and disposed inside of each of said end-brackets at the ends of

the collector-cylinders furthest removed from said cores, the radial spacings between the portions of the shaft underneath said collector-cylinders and the corresponding axially extending frame members being such, in comparison with the ampere-turns required by the air-gap, the speed of rotation, and the resistance-drops in the collector-cylinders and in the corresponding brush-circuits, that the electromotive force generated by the rotation of each collector-cylinder in its leakage flux is approximately equal and opposite to its aforesaid resistance-drops, whereby approximately equal current-distribution is obtained for all of the brushes regardless of their axial position on either one of the respective collector-cylinders.

2,134,511
COMPENSATED UNIPOLAR GENERATOR
Floyd T. Hague, Pittsburgh, and Frederick R. J. Davis, Irwin, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 14, 1935, Serial No. 54,518
20 Claims. (Cl. 171—212)

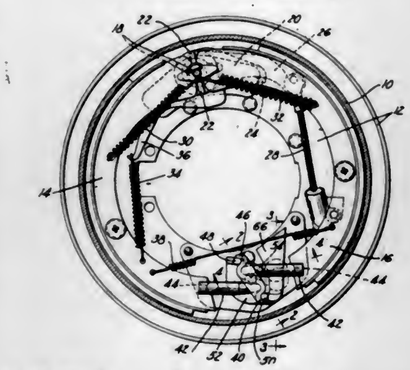


1. A compensated unipolar generator comprising a rotor member including an intermediately disposed rotor-core and a collector-cylinder disposed at each end of the rotor-core, a stator member including an intermediately disposed stator-core surrounding said rotor-core and separated therefrom by a cylindrical air-gap, said stator-core being slotted, a plurality of circumferentially spaced compensating bars disposed in said slots of the stator-core, a plurality of brushholders and a plurality of brushes carried thereby and bearing on the respective collector-cylinders, generator-leads of one polarity connected to the brushes at one end of the machine, and generator-leads of the opposite polarity connected to the compensating bars at the same end of the machine, the brushholders at the other end of the machine being mounted directly on, and entirely supported by, the compensating bars.

5. A compensated unipolar generator comprising a rotor member including a shaft of magnetizable material, an intermediately disposed rotor-core, and a collector-cylinder disposed at each end of the rotor-core, a stator member including an intermediately disposed stator-core surrounding said rotor-core and separated therefrom by a cylindrical air-gap, said stator member also including a frame member extending axially in each direction from the outer periphery of the stator-core, and an end-bracket for completing the magnetic circuit from each frame member to a point in the shaft outside of the collector-cylinder at that end of the machine, said stator-core being slotted, a plurality of circumferentially spaced compensating bars disposed in said slots of the stator-core, a plurality of brushholders and a plurality of brushes carried thereby and bearing on the respective collector-cylinders, the brushes at one end of the machine being connected to the compensating bars at said end of the machine, a plurality of generator-leads of one polarity connected to the brushes at the second end of the machine, a plurality of generator-leads of the opposite polarity connected to the compensating bars at said second end of the machine, the axially extending stator frame member at said second end of the machine having a plurality of circumferentially spaced openings therein, the generator-leads of the two different polarities being disposed in a plurality of groups extending through said plurality of openings, each opening containing substantially as many leads of one polarity as of the other, a load device having two terminals, means for connecting the generator-leads of one polarity to one of the terminals of said load device, means for connecting the generator-leads of the other polarity to the other terminal of said load device, circuit make-and-break means having a plurality of switching contacts in series with the generator-leads of at least one polarity, and switch-operating means for substantially simultaneously actuating all of said switching contacts, the resistances of the parallel paths from the inside of the generator to the respective terminals of said load device being such as to promote approximately equal current-distribution.

10. An electric current-collecting device comprising a rotatable cylindrical current-collector member, a pair of circumferentially spaced brushholder-supporting bars extending axially, in spaced relation, over said cylindrical member, said brushholder-supporting bars having their opposed inner surfaces substantially parallel, and a brushholder, fitting between said substantially parallel surfaces, for holding one or more brushes bearing on said cylindrical member.

2,134,512
BRAKE
Percy Edgar Hall, Birmingham, England, assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application March 21, 1935, Serial No. 12,151
In Great Britain May 24, 1934
20 Claims. (Cl. 188—78)



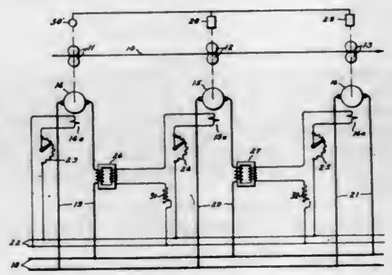
1. A brake comprising, in combination with a drum, friction means having an anchorage at one side of the brake to which braking torque is transmitted by one end of the friction means when the drum is turning in one direction and by the other end thereof when the drum is turning in the other direction, and means at the other side of the brake taking a portion of the braking torque only in both directions of drum rotation, said means comprising a lever having two fulcrums spaced radially of the brake and upon one of which the lever fulcrums when the drum is turning in one direction and upon the other of which the lever fulcrums when the drum is turning in the other direction.

2,134,513
AUTOMATIC TEMPERATURE CONTROL SYSTEM
Rudolph E. Hellmund, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application February 8, 1935, Serial No. 5,548
19 Claims. (Cl. 236—1)



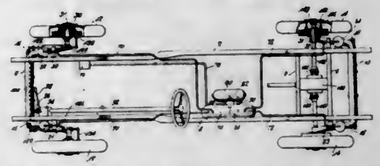
1. A temperature control system for a space enclosed by walls, comprising, in combination, means for affecting the temperature of the air, a first thermostat responsive to air temperature, a second thermostat responsive to the temperature of a wall, said first and second thermostats cooperating to jointly control the temperature-affecting means and a third thermostat responsive to air temperature for controlling the temperature-affecting means dependent upon the position of said other thermostats.

2,134,514
CONTROL SYSTEM
Hugo Heymann, Berlin-Friedenau, Germany, assignor to General Electric Company, a corporation of New York
Application March 23, 1936, Serial No. 70,506
In Germany April 4, 1935
4 Claims. (Cl. 172—239)



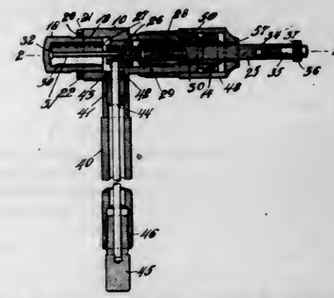
1. A control system comprising in combination a plurality of electric motors, and means responsive solely to transients in the armature current of one of said motors for controlling the operation of another of said motors.

2,134,515
VEHICLE BODY SUSPENSION
Edwin A. Hoskyns, Maud, Okla.
Application November 15, 1935, Serial No. 50,022
5 Claims. (Cl. 280—124)



1. In a vehicle, a frame, tubular bearings extending across said frame near the front and rear ends respectively, a pair of bent shafts for each of said bearings comprising angularly related arms, one arm of each shaft being journaled in one end of each bearing and each bearing having one shaft journalled in each of its ends, each shaft having a wheel mounted upon the free end of its other arm, pneumatic cushioning means between each shaft and said frame, communication means freely equalizing the pressure in all of said cushioning means, and auxiliary means for stabilizing said frame.

2,134,516
GAUGE
Hugh James, Montrose, Ill., assignor to Brown & Sharpe Manufacturing Company, a corporation of Rhode Island
Application January 11, 1935, Serial No. 1,395
7 Claims. (Cl. 33—164)

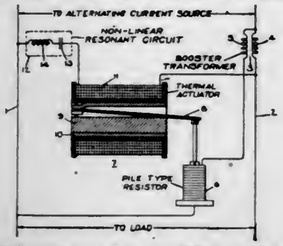


1. In a gauge, a pair of telescoping feeler members having end engaging surfaces, a spring within said members for moving said members apart, micrometer means co-axial with and interposed between said end surfaces of said feeler members for measuring the distance between the engaging surfaces of said members, a handle secured to one of said feeler members and extending at right angles to the axis of said members, and a binding spindle in said handle and operable therethrough for movement into engagement with the other feeler member for holding the said other member in fixed position relative thereto.

2,134,517
ELECTRICAL CONTROL OR REGULATING SYSTEM
Benjamin W. Jones, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application May 22, 1935, Serial No. 22,758
13 Claims. (Cl. 171—119)

1. In combination, a variable voltage transformer, means including an electrically heatable

thermal actuator for controlling the voltage of said transformer, and non-linear volt-ampere



characteristic means for modifying the action of said actuator.

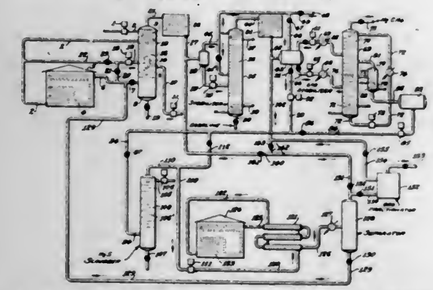
2,134,518

TREATMENT OF HYDROCARBONS TO REMOVE SULPHUR COMPOUNDS

Percival C. Keith, Jr., Peapack, N. J., assignor to Process Management Company, Inc., New York, N. Y., a corporation of Delaware

Original application October 30, 1935, Serial No. 47,414. Divided and this application April 22, 1938, Serial No. 203,541

3 Claims. (Cl. 23—3)



1. A method of desulphurizing gases obtained from oil refinery operations which comprises separating hydrogen and methane from said gases to obtain normally gaseous hydrocarbons containing at least two carbon atoms per molecule therefrom, passing said normally gaseous hydrocarbons through a treating zone at a temperature sufficiently low and at a pressure sufficiently high to maintain said gases in liquefied condition, intimately contacting said gases while in liquefied state in said treating zone with an aqueous solution selected from the group consisting of alkali metal carbonates and hydroxides capable of reacting with sulphur-containing compounds in said liquefied gas, and separating the thus treated liquefied hydrocarbons from the aqueous solution containing the sulphur compounds.

2,134,519

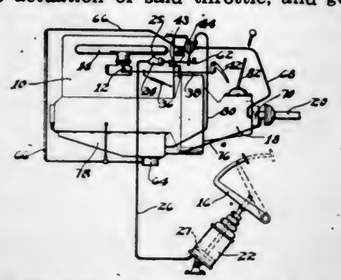
DECLUTCHING MECHANISM

Victor W. Kliesrath and Roy S. Sanford, South Bend, Ind., assignor to Bragg-Kliesrath Corporation, South Bend, Ind., a corporation of New York

Application July 23, 1931, Serial No. 552,626

9 Claims. (Cl. 192—.01)

1. In an automotive vehicle provided with an internal combustion engine, a throttle for said engine, accelerator pedal controlled linkage for operating said throttle, a drive shaft and a clutch adapted to interconnect said engine and shaft, means for operating said clutch comprising a pressure differential operated motor, a control valve for said motor, said valve rendered operative by the actuation of said throttle, and governor



means, rendered operative by said engine and drive shaft, for controlling the operation of said valve.

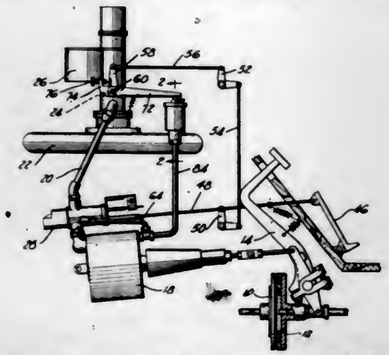
2,134,520

CLUTCH CONTROL MECHANISM

Victor W. Kliesrath, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware

Application May 17, 1934, Serial No. 726,048

12 Claims. (Cl. 192—.01)



1. In an automotive vehicle provided with a clutch, an accelerator and a throttle, means for operating the throttle, power means for operating the clutch, said power means comprising automatically operable valve means controlled by the clutch, which, together with the accelerator, function to control the operation of the throttle through the intermediary of said throttle operating means.

2,134,521

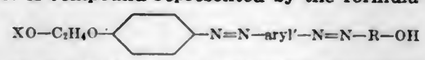
AZO DYESTUFFS AND THEIR PRODUCTION

Arthur Howard Knight, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application April 1, 1936, Serial No. 72,206. In Great Britain December 24, 1935

15 Claims. (Cl. 260—186)

8. A compound represented by the formula



in which X is one of the group consisting of hydrogen, SO_3H, SO_3Na and SO_3NH_4, aryl' is the radical of one of the group consisting of benzene and naphthalene compounds to which the azo bridges are connected in para positions, and R is the residue of a mono-hydroxy benzene compound.

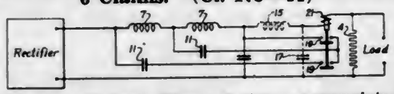
2,134,522

POWER SUPPLY CIRCUITS

Reuben Lee, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application May 21, 1936, Serial No. 81,012

6 Claims. (Cl. 178—44)



2. An electrical filter system comprising a source of undulatory energy, a load connected to said source to derive energy therefrom, a plurality of connected choke coils in series with said load, a condenser connected across each of said coils, said condensers being of a value sufficient to tune said coils to the fundamental frequency of said undulatory energy, normally opened relay contacts in series with at least one of said condensers and means for actuating said contacts into closed position shortly after excitation of said filter takes place.

2,134,523

ELECTRICAL FUSE

June L. Lehnherr, Eldorado, Kans., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application February 15, 1932, Serial No. 592,947

Renewed October 17, 1935

7 Claims. (Cl. 200—117)



1. In an electrical fuse device, a non-conducting enclosure, contact elements on the ends of said enclosure, a fuse element, means in one of said contact elements to hold said fuse element on the central axis of the said enclosure, means in the other contact element to receive a sealing plug, a spring actuated impacting device on said sealing plug and means for attaching said fuse element to said impacting device so that the tension of the spring in the impacting device will hold the fuse element under tension and hold the sealing plug in position in the contact element for the purpose described.

2,134,524

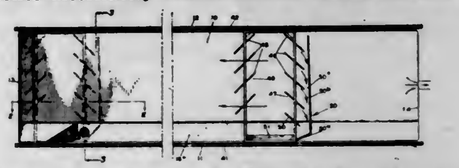
SEDIMENTATION TANK

Nels B. Lund, Seaford, N. Y., assignor to The Dorr Company, Inc., New York, N. Y., a corporation of Delaware

Application November 23, 1935, Serial No. 51,193

5 Claims. (Cl. 210—55)

1. In combination with a rectangular sedimentation tank having side and end walls, a substantially flat bottom, and a relatively restricted sludge outlet adjacent the near end of the tank as distinguished from the opposite end of the tank and which outlet is narrower than the width of the tank; a settled sludge conveying and collecting device comprising a carriage operable in reciprocating fashion along the top portion of the tank, a main sludge impelling and conveying element and an auxiliary sludge impelling element, both elements depending from said carriage, means for shifting each sludge impelling element in alternation with the other from a lower sludge engaging position to an upper idle position and vice versa to effect operation of said elements alternately countercurrent to one another



from the respective ends of the tank, said main sludge impelling and conveying element comprising a scoop element effective to convey sludge from said far end of the tank along a direct path of action towards and into said outlet, and inclined sludge engaging blade means cooperatively associated with said scoop element and effective to transfer sludge laterally of the direction of the carriage movement into said path of action of the scoop element, said auxiliary sludge impelling member comprising a series of sludge engaging blades inclined in a direction opposite to that in which the main sludge impelling blade means are inclined and substantially effective to convey settled sludge from said near end of the tank into the path of movement of the main sludge impelling and conveying member.

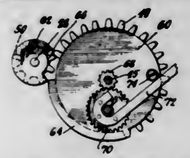
2,134,525

DELIVERY RECORDER RESET

William L. Marden, Jackson Heights, N. Y., assignor to Neptune Meter Company, a corporation of New Jersey

Application April 24, 1936, Serial No. 76,101

8 Claims. (Cl. 235—144)



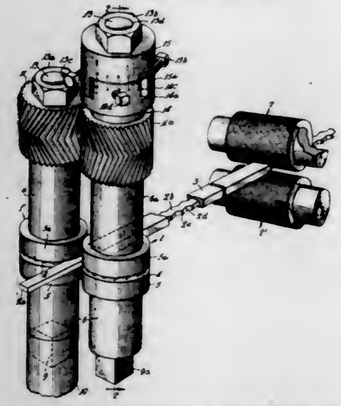
1. In a registering device, an indicator, means for resetting said indicator to zero, operating means for said resetting means, means for preventing overthrow of the indicator including a driving connection between said operating means and said resetting means embodying a rotatable driving arm actuated by said operating means and a member engageable thereby, located eccentric to the axis of rotation of said driving arm and operatively connected to said resetting means, said driving connection serving on rotation thereof to impart rapid movement of said resetting means during a portion of the resetting operation and to actuate said resetting means more slowly as said indicator approaches zero and retaining means movable by said member into engagement with said resetting means at the conclusion of a resetting operation to accurately position said indicator and prevent continued operation of said resetting means.

2,134,526

METALWORKING APPARATUS AND METHOD

John J. McLaughlin, North Tonawanda, N. Y., assignor to Buffalo Bolt Company, North Tonawanda, N. Y., a corporation of New York

Application May 13, 1936, Serial No. 79,487
22 Claims. (Cl. 80—30)



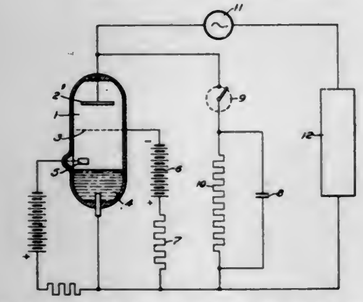
1. A method of shaping stock bars by means of toothed rolls, to form connected hex nut blanks having substantially uniform shape and dimensions throughout, and substantially without edgewise bending of the bars, which method includes edge rolling of the bars while they are approximately cold; thus generating excessive heat by the great friction between the teeth and the cold metal of the bars, and by the violent compression and excessive flow of the cold metal within the bars; flooding the toothed rolls, and the metal in and near the rolls, with water in quantities and at temperatures sufficient to keep the water substantially below its boiling point.

2,134,527

METHOD OF IGNITING GAS OR VAPOR DISCHARGE SPACES

Georg Mierdel, Berlin-Siemensstadt, Germany, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany, a corporation of Germany

Application October 30, 1935, Serial No. 47,498
In Germany January 23, 1935
14 Claims. (Cl. 250—27.5)



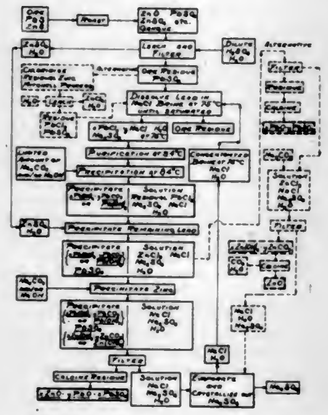
14. Apparatus according to claim 4 characterized by that the last means includes a capacitor, and means for periodically connecting the capacitor between said principal electrodes for a short interval of time to energize the discharge device.

2,134,528

TREATMENT OF LEAD BEARING ORES AND THE PREPARATION OF COMPOUNDS THEREFROM

Thomas A. Mitchell, Inglewood, Calif., assignor to Hughes-Mitchell Processes, Incorporated, Denver, Colo., a corporation of Wyoming

Application January 10, 1935, Serial No. 1,185
13 Claims. (Cl. 134—67)



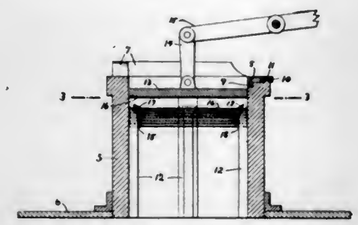
1. The method of treating an ore material containing lead and zinc compounds comprising the steps of forming therefrom separate aqueous solutions of a lead salt and of zinc sulfate, treating the lead salt solution with an alkali metal reagent capable of and proportioned for precipitating part of the lead as one of the group consisting of lead carbonate and lead hydroxide, then precipitating the remainder of the lead in the solution by adding said zinc sulfate thereto, and thereafter calcining the precipitates and forming a pigment thereof.

2,134,529

METHOD OF BALING SHEET METAL

Anthony J. Phillips, Lower Southampton Township, Bucks County, Pa.

Application November 17, 1934. Serial No. 753,477
1 Claim. (Cl. 153—2)



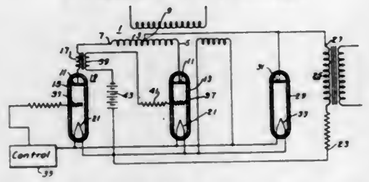
The method of baling sheet metal which consists of cutting a sheet of material into sections one at a time so that said sections are superimposed on one another, then forcing said sections step by step over cutter-punches which gradually form tongues and produce mortises along the edges of the sections and simultaneously enter the tongue of the preceding sections in the mortises of succeeding ones.

2,134,530

TRANSLATING APPARATUS

La Verne R. Philpott, Washington, D. C., and Cecil E. Haller, Owensboro, Ky., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application November 27, 1934, Serial No. 755,072
7 Claims. (Cl. 175—363)



1. In combination, an electric discharge device having a control electrode and a plurality of principal electrodes, means for controlling at will the potential impressed between said control electrode and one of said principal electrodes to control the current transmitted between said principal electrodes, another electric discharge device having a control electrode and a plurality of principal electrodes, an alternating power supply source, means for connecting the principal electrodes of said electric discharge devices to said power supply source in such manner that the principal potential supplied to the first-named one of said devices is in opposite phase relationship to the principal potential supplied to the last-named device, and means for coupling the control electrode and a principal electrode of said last-named device to the output circuit of said first-named device in such manner that the condition of said last-named device is varied in accordance with the output of said first-named device and the decay and abrupt interruption of current in said first-named device tends to maintain said last-named device energized.

2,134,531

PURIFICATION OF MALEIC ANHYDRIDE

Elton B. Punnett, Buffalo, N. Y., assignor to National Aniline & Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application September 4, 1934, Serial No. 742,583
12 Claims. (Cl. 260—343)

2. A method of purifying maleic anhydride resulting from the vapor phase catalytic oxidation of a maleogenetic substance and containing a small proportion of impurities, which comprises subjecting such impure maleic anhydride to the action of an acidifying agent of the sulfuric anhydride class selected from the group consisting of concentrated sulfuric acid, oleum, sulfur trioxide and sodium hydrogen sulfate.

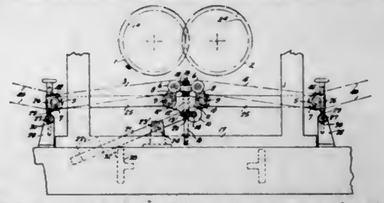
2,134,532

DELIVERY MECHANISM FOR USE WITH PRINTING MACHINES

Cecil George Quick, Donald Arthur Ball, and William Arnold Whitehead, London, England, assignors to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York

Application December 21, 1935, Serial No. 55,519½
In Great Britain December 21, 1934
20 Claims. (Cl. 271—80)

1. In combination, a delivery fly, an endless conveyor spaced from the fly, means rotating the fly, means to cause the conveyor to move past the fly in position to have the products carried by the fly discharged thereon, and means having yielding properties acting upon at least a part of the conveyor to continuously urge it into position adjacent the fly, said urging means due to its yielding properties, allowing the conveyor part to be temporarily further spaced from the fly by an excess of products passing therebetween.

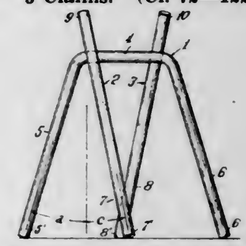


2,134,533

CHAIR FOR SUPPORTING CONCRETE REINFORCING RODS

Frank D. Reiland, Chicago, Ill.

Application November 18, 1937, Serial No. 175,278
3 Claims. (Cl. 72—122)



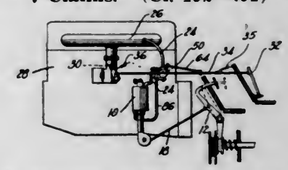
1. A chair for supporting a reinforcing rod in concrete construction, said chair comprising a length of wire bent to form an intermediate upper supporting member and a pair of legs extending downwardly in a vertical plane from the ends of said member, and a pair of auxiliary lengths of wire secured near their upper ends to the cross member at spaced apart locations and forming leg members extending downwardly at substantially equal angles at respectively opposite sides of the vertical plane of the first member, the upper ends of said auxiliary members extending above the supporting member and forming, with the intervening portion of the cross member, a yoke for receiving and supporting a reinforcing rod.

2,134,534

CLUTCH CONTROL MECHANISM

Harris C. Roth, Detroit, Mich., and William J. Andres, Pittsburgh, Pa., assignors to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana

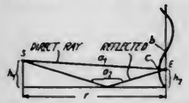
Application February 6, 1935, Serial No. 5,184
7 Claims. (Cl. 192—.01)



1. In a vacuum operated clutch operating mechanism, a double-ended fluid motor, a piston member within said motor, an operating rod connected to said piston and slidably mounted in one end of said motor, and manually adjustable

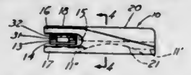
means, cooperating with said rod, for selectively predetermining both the degree of movement and mode of movement of said piston during a portion of its operative stroke, said means comprising a member telescoped within the operating rod and capable of rotary movement.

2,134,535
DISTANCE DETERMINING SYSTEM
Wilhelm Runge, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application March 5, 1936, Serial No. 67,285
In Germany March 6, 1935
3 Claims. (Cl. 250—1)



1. Radio apparatus for measuring distances comprising an energy transmitter and an energy receiver, a plurality of energy collectors disposed substantially at different levels above a datum level, connections between said energy collectors and said receiver, means operable by said receiver for making an indication and means operable in dependence upon the relative field intensities surrounding different ones of said energy collectors for translating the values of the energy collected into terms of distance indications.

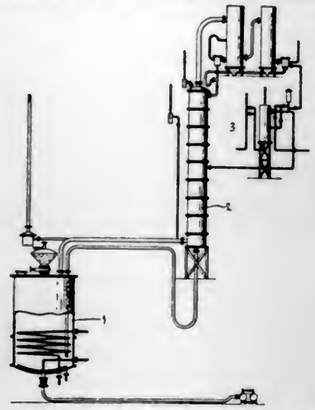
2,134,536
LETTER OPENER
Theophilus Schmid, Jr., Chicago, and Andrew Benson, Wilmette, Ill.
Application February 17, 1936, Serial No. 64,370
3 Claims. (Cl. 120—35)



1. A letter opener having, in combination, a handle, with a mounting slot therein, a pair of parallel pins extending across said slot, a pair of sleeves one mounted on each pin, a pair of circular cutters one mounted on each sleeve, said cutters being of such a diameter as to overlap and abut laterally, a positioning disk formed integrally with one of said sleeves and extending parallel to the cutter in spaced relation thereto, the other cutter having its edge extending into the space between said disk and the spaced cutter in lateral abutment with said spaced cutter, and a positioning disk formed integrally with the other sleeve and positioned to extend into said space in lateral abutment with the other positioning disk.

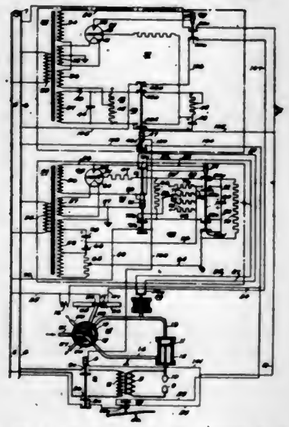
2,134,537
ESTERIFICATION PROCESS
Jacob Stein, Philadelphia, Pa., assignor to Publicker Inc., Philadelphia, Pa., a corporation of Delaware
Application January 30, 1936, Serial No. 61,507
6 Claims. (Cl. 260—488)

1. The process of making butyl acetate, which consists in heating a mixture of butyl alcohol and acetic acid of high concentration, in more or less equi-molecular proportions, in the presence of a small amount of a catalyst in a vessel suitable for subsequent distillation, to effect an esterification of the reaction mixture, then further heating the thus esterified mixture and distilling off a constant boiling mixture of butyl acetate and water into a separating vessel, permitting the resultant distillate to separate into layers, one of which is preponderately butyl acetate and another one of which is preponderately water, returning the butyl acetate layer to the first mentioned vessel and continuing this distillation of



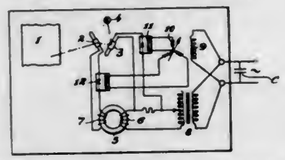
a constant boiling mixture and the return of butyl acetate until a substantial part of the water is removed from the reaction mixture, then adding directly to the water-deleted product a light fluffy soda ash in an amount somewhat in excess of the theoretical amount required to neutralize the acid present, and then distilling the butyl acetate.

2,134,538
WELDING APPARATUS
Ralph N. Stoddard, Pittsburgh, and Edwin H. Vedder, Forest Hills, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 12, 1934, Serial No. 720,210
16 Claims. (Cl. 219—4)



1. Spot welding apparatus comprising, in combination, a pair of relatively movable welding electrodes for engaging work, means including manually operable switching means for moving said electrodes into engagement with the work under pressure on the operation of said switching means, means for applying welding current to said electrodes for a predetermined time interval after a predetermined pressure is applied to the work, and means for thereafter preventing the reapplication of pressure to the work for a predetermined time interval regardless of the number and character of operations of said switching means after the said operation.

2,134,539
ALTERNATING CURRENT APPARATUS FOR TESTING MAGNETIZABLE MATERIALS
Wilhelm Thal, Berlin-Siemensstadt, Germany, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a corporation of Germany
Application April 4, 1935, Serial No. 14,633
In Germany April 7, 1934
3 Claims. (Cl. 175—183)



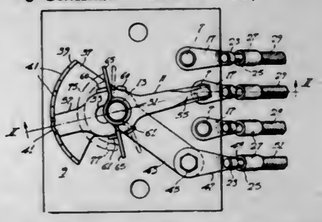
1. In an alternating current device for measuring magnetic properties of a test piece, in combination, a closed magnetic circuit, at least part of which is the test piece, primary and secondary windings on said magnetic circuit, an alternating current source of negligible total impedance with respect to the impedance of said primary winding, said source being connected with said primary winding, a revolvable mirror and means connected in the primary circuit for deflecting said mirror, a second revolvable mirror and means connected in the secondary circuit for deflecting said second mirror, the axes of revolution of said mirrors being perpendicular to each other, a light source and a surface scale being arranged with respect to said mirrors so that a light beam coming from said light source is reflected successively by said two mirrors onto said surface scale, a separately excited synchronous switch arranged in said primary circuit for periodically interrupting said circuit, a second separately excited synchronous switch arranged in said secondary circuit for periodically interrupting said secondary circuit, and means for exciting said two switching devices, said means being electrically coupled with said current source and designed for exciting said two switches with 90° phase displacement against each other and with a certain phase position with respect to the current of said current source, whereby the instantaneous value of the primary current acts on said means for deflecting said first-mentioned mirror and the instantaneous value of the voltage induced in said secondary windings acts on said means for deflecting said second mirror.

2,134,540
THERMAL MOTOR PROTECTIVE DEVICE
Victor G. Vaughan, Attleboro, Mass., and Earl K. Clark, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 12, 1934, Serial No. 757,144
7 Claims. (Cl. 200—139)

1. A thermal protective device for an electric motor having a housing with a recess therein, comprising a thermal relay having a casing having an open side, a bimetal bar in the casing at the open side thereof, means to secure the casing against the motor housing with the bimetal bar located in the recess, a bracket in the casing having one end of the bimetal bar secured thereto, pivotal supports for the bracket in the side walls of the casing, an adjusting bar secured to the bracket, an adjusting screw engaging the casing and the adjusting bar to vary the position of the bimetal bar, a contact arm supported by the casing, a contact arm actuating bar secured to the movable end of the bimetal bar, and means including an over-center toggle pin spring-pressed against the actuating bar to cause the actuating bar to move the contact arm with a snap action.



2,134,541
SNAP SWITCH
Christian Aalborg, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 21, 1936, Serial No. 106,785
6 Claims. (Cl. 200—66)

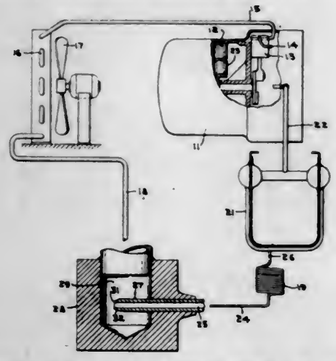


1. A snap switch comprising a base provided with spaced contacts insulated therefrom, a spindle carried by said base, a latch plate carried by said base provided with spaced notches one for each contact, a switch blade rotatably mounted on said spindle for cooperative engagement with said contacts, a latch piece carried by said blade for engagement in said notches, said blade having limited longitudinal movement, a pair of spaced projections extending from each edge of said blade adjacent said spindle, a spring means held in tension between said spindle and two opposite projections for biasing said blade and latch piece longitudinally in a direction to engage said latch piece in said notches, an operating member rotatable on said spindle provided with projections on opposite sides of said spindle for engaging and moving either end of said spring means to further tension the same and for causing said spring means to engage and move either of the remaining projections to move said blade longitudinally for withdrawing said latch piece from said notches when said spring has been tensioned sufficiently to rotate said blade with a snap action.

2,134,542
FLOW RESTRICTOR
Carl F. Alsing, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application August 31, 1936, Serial No. 98,754
3 Claims. (Cl. 62—1)

1. In a refrigerating system, the combination of a condenser and an evaporator in which re-

frigerant is successively condensed and evaporated, said condenser forming a part of the high pressure region of the system, and a device for restricting the flow of refrigerant between the condenser and the evaporator, said device comprising a tube having a restricted flow passage therein, the inner edge of the tube at the inlet end having inwardly converging walls, forming



an entrance to said passage, and the material between the wall of the passage and the outer wall of the tube at the inlet end being rounded, whereby a smooth surface is provided at the inlet end, said high pressure region of the refrigerating system having a portion of larger flow area than said tube, said inlet end of the tube extending into said portion of larger flow area.

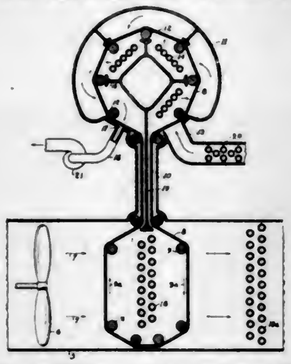
2,134,543
VANADIUM OXIDE CATALYST
Chester E. Andrews, Overbrook, Pa., assignor to Röhm & Haas Company, Philadelphia, Pa.
No Drawing. Application June 9, 1937, Serial No. 147,181
8 Claims. (Cl. 23—234)

3. The process of forming a catalyst for organic oxidation reactions which comprises forming a quaternary ammonium salt of an acid of a metal of Groups V*a*, VI*a*, and VII*a* of the periodic table, coating a carrier with a solution of said quaternary ammonium salt, drying the coating, and igniting to decompose the quaternary ammonium salt and deposit a layer of catalytic metal oxide on the carrier.

2,134,544
ADSORPTION AIR CONDITIONING SYSTEM
Carlyle M. Ashley, Summit, N. J., assignor to Carrier Corporation, Newark, N. J., a corporation of Delaware
Application April 22, 1937, Serial No. 138,341
8 Claims. (Cl. 183—4)

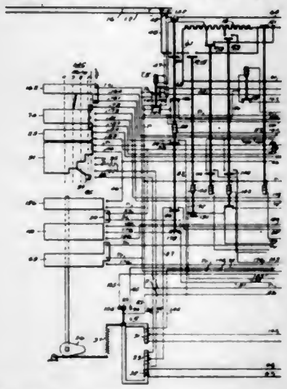
1. In an apparatus of the character described, a regenerating chamber, means for supplying to and passing through said chamber hygroscopic material which is to be regenerated and relieved of dirt particles, means for passing through said chamber in contact with said material gas having a relatively high temperature, and means for withdrawing said gas from said material at a velocity which is considerably higher than the velocity at which said gas is passed in contact with said material, whereby to remove particles of foreign matter from said material.

5. In combination with an apparatus including a regenerating chamber, an air conditioning chamber, and an endless hygroscopic belt passing to and from each of said chambers; conduit means connecting said conditioning chamber and said regenerating chamber through which said belt passes to and from each chamber, and water-



impervious partition means within said conduit means for separating belt portions passing through said conduit means in opposite directions.

2,134,545
MOTOR CONTROL SYSTEM
Bascum O. Austin, Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application June 2, 1937, Serial No. 145,952
18 Claims. (Cl. 172—179)

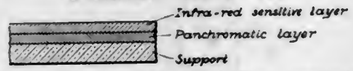


6. In a motor control system, in combination, a motor for propelling a vehicle, a source of power for the motor, switching means for connecting the motor to the power source to accelerate the vehicle, said motor having a separately excited field winding disposed to be energized from the power source, means for connecting said field winding to the power source during coasting of the vehicle to cause the motor to generate a voltage proportional to the vehicle speed, means for controlling the motor current during acceleration of the vehicle, and relay means responsive to the voltage of the motor during coasting for controlling the operation of said control means while the motor is disconnected from the power source.

17. In a motor control system, in combination, a motor for propelling a vehicle, a source of power for operating the motor to accelerate the vehicle, means for establishing dynamic braking

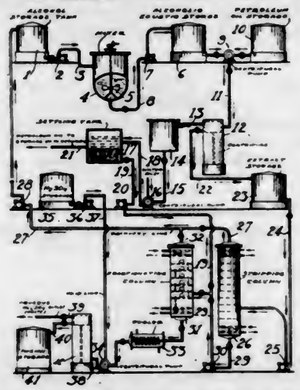
connections for the motor to decelerate the vehicle, a pair of controllers for controlling the operation of the motor both during acceleration and deceleration of the vehicle, means for operating said controllers, means for so controlling said operating means that the controllers are operated in sequential relation, and relay means responsive to the motor voltage for causing said controllers to be returned to a predetermined position when the vehicle is at rest.

2,134,546
HIGH SPEED INFRARED FILM
Walther Barth and Hermann H. Duerr, Binghamton, N. Y., assignors to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
Application July 14, 1936, Serial No. 90,568
6 Claims. (Cl. 95—9)



1. A high speed infra-red film comprising a base, a colorless panchromatic sensitized emulsion on said base and a colorless infra-red sensitized emulsion on said panchromatic sensitized emulsion.

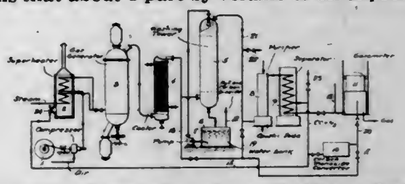
2,134,547
PETROLEUM PHENOLIC MATERIAL
Hyym E. Buc, Roselle, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application April 14, 1937, Serial No. 136,738
13 Claims. (Cl. 260—154)



2. A composition of matter comprising mixed oil soluble phenolic compounds of petroleum origin unextractable from their source material with aqueous caustic, and having more than 10 carbon atoms per molecule, said compounds being extracted in concentrated form from petroleum oils boiling above 500° F. by means of a strong alkali solution in a substantially anhydrous oil-immiscible solvent selective for phenols and not reactive with strong alkalis.

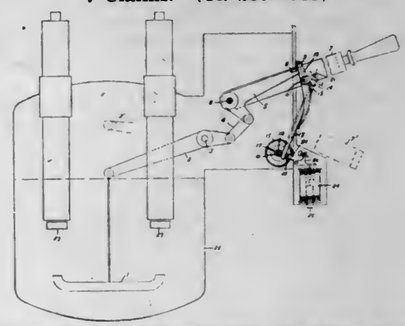
2,134,548
PROCESS FOR THE PRODUCTION OF A GAS OF HIGH CALORIFIC POWER
Friedrich Danulat, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y., a corporation of New York
Application January 2, 1935, Serial No. 95
In Germany January 8, 1934
1 Claim. (Cl. 48—202)

The process of producing a non-poisonous gas of high calorific power which comprises gasifying a solid carbonaceous fuel under a pressure in excess of twenty atmospheres with a gasifying agent consisting of air and steam in such proportions that about 1 part by volume of air is present



for about 1.6 parts by volume of steam whereby substantial quantities of methane are produced, and subsequently supercooling the resulting crude gas to eliminate the carbon monoxide and at least part of the nitrogen therefrom.

2,134,549
ELECTRIC CIRCUIT BREAKER
George Dewar, Stretford, Manchester, England, assignor to General Electric Company, a corporation of New York
Application August 24, 1937, Serial No. 160,691
In Great Britain September 15, 1936
7 Claims. (Cl. 200—153)

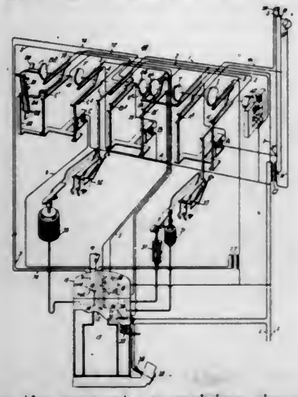


1. Electric circuit breaker operating mechanism comprising a movable circuit breaker element, an operating element and trip-free structure interconnecting said elements including a tripping device, energy-storing means movable in accordance with the circuit-closing movement of said operating element at a speed corresponding to that of said element, and means operatively relating said energy-storing means to said tripping device for causing actuation thereof in response to predetermined reduction in the closing speed of said operating element.

2,134,550
BURNER CONTROL
John Eaton, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application July 14, 1934, Serial No. 735,103
2 Claims. (Cl. 122—504)

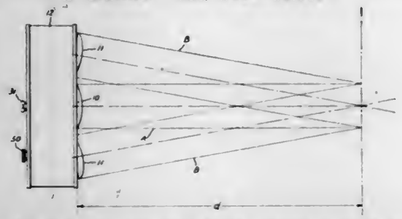
1. In combination, a boiler having an electric motor operated oil burner for heating the water therein, control means for the burner motor including an electro-responsive switch connected to open and close an energizing circuit for the burner motor and having a separate energizing circuit, a thermostatic switch for controlling the separate energizing circuit of said switch to start and stop operation of the burner motor in accordance with predetermined temperature conditions, and means responsive to boiler conditions

connected for mechanically operating said switch to start and stop operation of the burner motor



only when the separate energizing circuit of said switch is opened under the control of said thermostatic switch.

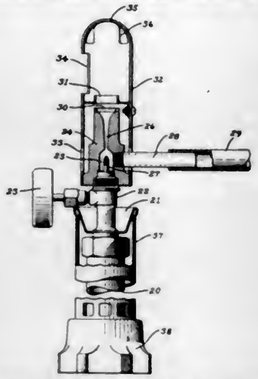
2,134,551
LIGHT PROJECTING DEVICE
William L. Enfield, Shaker Heights, Ohio, assignor to General Electric Company, a corporation of New York
Application March 26, 1937, Serial No. 133,220
2 Claims. (Cl. 240—41.35)



1. A light projecting device comprising a support member, a plurality of annularly arranged holders for supporting light-concentrating lamp units, said holders being pivotally mounted in said support member for rotation in radial planes passing through the axis about which said holders are arranged to permit convergence of the beams from the lamp units at a desired distance ahead of the device, and means for pivoting said holders comprising a control lever pivotally mounted at one end on the said axis of the holders, and control arms pivotally connecting said holders with said end of said lever, the pivotal connections of said arms to said lever being at points concentrically disposed about the said axis whereby movement of the opposite end of said control lever causes said lamp holders to be simultaneously pivoted to permit convergence of the beams from the lamps.

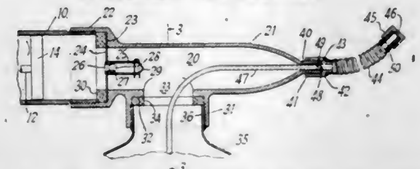
2,134,552
REFRIGERATING APPARATUS
Richard S. Gaugler, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application July 5, 1934, Serial No. 733,937
2 Claims. (Cl. 23—254)

1. A halide detector for detecting the presence of halogens in gases, comprising a fuel chamber adapted to contain a volatile liquid forming a vapor fuel, a vapor burner, a chimney for the burner capable of extracting heat from the products of combustion, means for conducting a large amount of heat from the chimney to the fuel chamber for vaporizing the volatile liquid in the fuel chamber and create a vapor pressure therein, aspirating jet and Venturi means energized by the vapor pressure of the fuel for drawing in gas to be tested and mixing them with the fuel



to form a combustible mixture, an exploring tube connected to said last mentioned means for conducting gases to be tested to said means, a screen at the outlet of the burner for broadening the flame and an element supported in the flame within the chimney and capable of reacting with halides present in the flame to color the flame to indicate the presence of halides in the gases tested.

2,134,553
SPRAYER
Alexander Goulard, Westfield, N. J.
Application January 8, 1938, Serial No. 183,940
3 Claims. (Cl. 299—89)

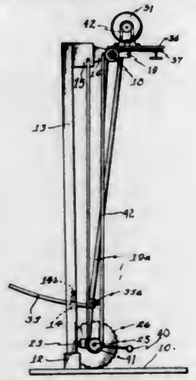


1. A liquid sprayer comprising an air pump cylinder, means forming an air reservoir chamber, said means consisting of a one-piece casting having a flanged integral extension at one end thereof forming a socket in which said cylinder is detachably received, a one-way air valve assembly removably mounted in said socket, said casting having an integrally formed depending flanged portion, a liquid receptacle detachably connected to said flanged portion, a threaded nipple integrally formed on the opposite end of said casting, a liquid aspirating tube extending from said receptacle to said nipple, and a nozzle piece mounted on said nipple.

2,134,554
LUBRICANT
Lloyd P. Grobel, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
No Drawing. Application September 12, 1936, Serial No. 100,542
5 Claims. (Cl. 87—9)

1. A lubricating composition of high film strength comprising hydrocarbon oil and an organic compound selected from the group consisting of benzaldehyde, salicylic aldehyde and benzoic acid in an amount sufficient to increase the film strength of the said oil.

2,134,555
ADJUSTABLE SWING SAW
Joseph Hajicek, Cicero, Ill.
Application February 19, 1937, Serial No. 126,563
2 Claims. (Cl. 143—46)



2. In a machine of the class described, a supporting bracket adapted to be mounted in stationary position; a frame comprising a pair of spaced apart rods and a lower angular connecting bracket; a horizontal shaft rotatably journalled in said upper first mentioned bracket; a pair of spaced apart pulleys on said shaft; a rotatable shaft journalled in said lower angular bracket and having a projecting spindle thereon, and a pulley on said lower shaft; said spindle being adapted to removably hold a rotatable work element thereon, said suspended frame and attached parts being swingable in a vertical plane; a driving motor; an adjustable hinged supporting bracket mounted on said first mentioned upper horizontal shaft and said upper bracket for said motor; screw means for adjusting said bracket to vary the distance thereof from said upper rotatable shaft; a power transmission belt operatively connecting said motor and one of said upper pulleys, and a belt operatively connecting the other of said upper pulleys and said lower pulley.

2,134,556
INSECTICIDE
William F. Hester, Drexel Hill, Pa., assignor to Röhm & Haas Company, Philadelphia, Pa.
No Drawing. Application July 23, 1937, Serial No. 155,222
4 Claims. (Cl. 167—30)

1. An insecticidal composition containing as a toxic ingredient a nitro substituted diphenyl oxide.

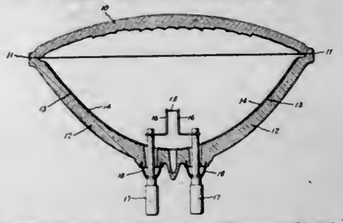
2,134,557
APPARATUS FOR CLEANING AND COATING ELONGATED METAL OBJECTS
Joseph M. Hilbish and John K. McCahan, Pittsburgh, Pa.
Application March 31, 1937, Serial No. 133,991
1 Claim. (Cl. 51—164)

In apparatus for cleaning elongated metal objects the combination of a base, vertically disposed stands mounted on said base in spaced relation to each other, a set of three idler rollers mounted on each of said stands and disposed in triangular relation in the same vertical plane, an annular disk disposed between said rollers in each stand and having peripheral contact with the surface of each of said rollers of the set carried by the stand, means defining an opening in each of said disks eccentrically thereof, the opening of one of said disks being disposed diametrically opposite to the opening of the other of said disks, an elongated cylindrical container having



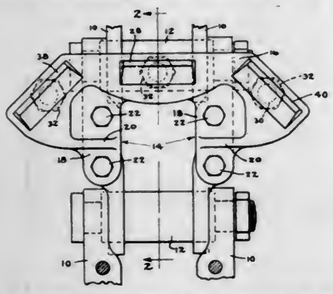
its end portions protruding through and fixed in said openings, removable heads on the ends of said container to permit loading and unloading thereof, a ring sprocket circumferentially mounted on said container at approximately the longitudinal center thereof and disposed in a plane parallel with the planes of said disks, and means comprising a chain for driving said sprocket to rotate said container in an orbit to shiftably slide elongated metal objects therein to clean the same.

2,134,558
VEHICLE HEAD LAMP
Ernest A. Howard and Kenneth D. Scott, Cleveland Heights, Ohio, assignors to General Electric Company, a corporation of New York
Application March 23, 1937, Serial No. 132,530
7 Claims. (Cl. 240—41.4)



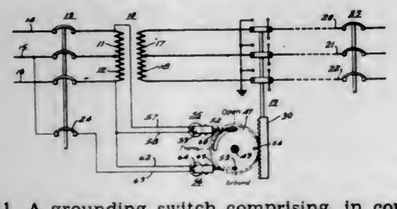
1. A lens for a vehicle headlamp divided into upper and lower segments, comparatively narrow upper and lower intermediate sections adjacent said segments extending horizontally across the width of said lens, and a center section between said intermediate sections extending horizontally across the width of said lens, the said upper and lower segments containing vertically extending flutes of narrow light spread to produce a portion at the top of the beam projected by said lens which is of higher intensity than the remainder of the beam and of comparatively narrow horizontal and vertical spread, said upper and lower intermediate sections containing vertically extending flutes of wider light spread to produce a portion of wide lateral spread at the top of the beam, said center section containing at its middle vertically extending flutes of wide light spread and horizontally extending prisms having their bases lowermost to produce in the light beam a portion of wide lateral and vertical spread extending downward from the portions produced by said upper and lower segments and said intermediate sections, the extreme side portions of said center section containing vertically extending flutes of narrow light spread for adding intensity to the portion of the beam projected by said upper and lower segments.

2,134,559
CREEPER FOR TRACTOR BELTS
Edwin F. Junger, Minneapolis, Minn.
Application December 20, 1937, Serial No. 180,795
2 Claims. (Cl. 305—10)



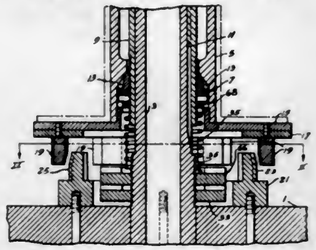
1. A creeper for tractor belts comprising a shoe, means for detachably securing said shoe to the belt, a grouser carried by the shoe, the outer surface of said grouser being provided with inwardly tapered depressions and the body of the grouser being provided with holes which extend inwardly from the respective depressions, the outer margins of said holes being rounded, calks having inner margins tapered to fit said tapered depressions, shanks carried by the inner surfaces of said calks and extending respectively through said holes, fillets on said shanks at the junction thereof with said calks, said fillets being so curved as to leave a slight space between them and said rounded margins, and means for applying force to said shanks to draw the tapered margins of said calks into engagement with the tapered surfaces of said depressions and to detachably secure said shanks in said holes.

2,134,560
ELECTRICAL APPARATUS
Henry H. Kerr, Toledo, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application May 22, 1937, Serial No. 144,165
11 Claims. (Cl. 171—97)



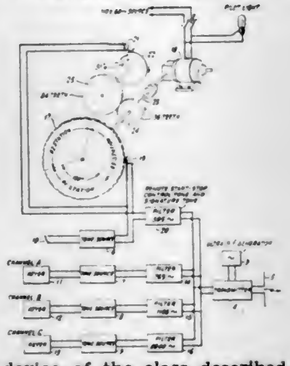
11. A grounding switch comprising, in combination, a multiple pole switch member having an open, transformer and ground position and being disposed to be actuated progressively to said positions and reverse, a disk having a plurality of openings therein associated with the switch member, means disposed to be actuated under predetermined conditions to enter one of the openings in the disk for cooperating therewith to permit free movement of the switch member between transformer and open positions and to prevent movement of the switch member from transformer to ground position, and means disposed to be actuated under certain other predetermined conditions for cooperating with the disk to lock the switch member against movement.

2,134,561
CLUTCH MECHANISM FOR WINDING SPINDLES
John J. Keyes, Pittsburgh, and Porter H. Brace, Forest Hills, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 31, 1936, Serial No. 108,558
15 Claims. (Cl. 117—42)



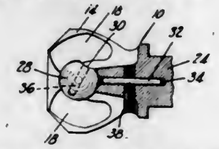
1. In a serving apparatus for a core wrapping machine, a driving element, a driven element carrying material to be served to a core having relative movement to the driving element, magnetic means intermediate said elements adapted to communicate power to the driven element from the driving element, and means for varying the magnetic characteristics of said magnetic means so as to vary the amount of power transmitted from the driving element to the driven element in substantially inverse relation to the relative speed between the driven and driving elements.

2,134,562
SIGNATURE KEYING DEVICE
William Kimmich, Flushing, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application April 3, 1937, Serial No. 134,826
7 Claims. (Cl. 250—15)



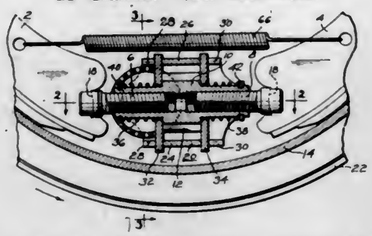
4. In a device of the class described, a code signal keying cam having raised and depressed portions of its periphery arranged in accordance with a plurality of different trains of code signals of station identifying significance, a keying circuit including a make-and-break contactor engageable with the raised portions of said cam, means including a second cam and a second contactor operable thereby for intermittently by-passing energy around the first mentioned contactor, means for rotating said cams continuously, and means including gears for maintaining a predetermined cycle of keying operations characterized by the keying of code signals of one train, as formed on one sector of the keying cam, then by continuous flow of energy through the second contactor while the keying cam makes an integral number of revolutions, then by the keying of code signals of a second train as formed on a second sector of the keying cam, then by a second period of energy flow through the second contactor as before, and so on until all of the sectors of said keying cam have been utilized to key their respective trains of signals.

2,134,563
UNIVERSAL JOINT
Ernest R. Koppel, South Bend, Ind.
Application October 10, 1936, Serial No. 104,989
9 Claims. (Cl. 64—9)



1. In a constant angular velocity universal joint, a pair of body members having spaced arms, balls positioned between the arms to transmit torque from one body member to the other, a central ball positioned between the body members and having a spherical recess therein adapted to cooperate with one of the torque transmitting balls to permit the joint to be assembled, and means to lock the central ball in a position to prevent the joint from becoming disassembled.

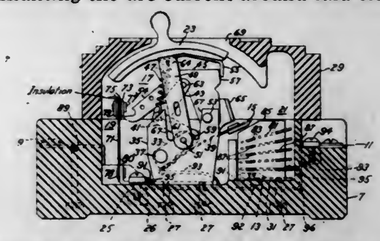
2,134,564
BRAKE
Léon Nicolas Lauer, Clichy, France, assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application January 25, 1937, Serial No. 122,102
In France February 12, 1936
15 Claims. (Cl. 188—79.5)



1. In a brake for automotive vehicles, a drum, a backing plate, a pair of shoes, a floating expansible thrust member between the shoes, a pinion integral with the thrust member for operating the same, a support adjustably secured to the backing plate and a crown wheel pivoted in the support in engagement with said pinion and having means outside the backing plate for rotating it, said support being constructed and arranged to guide the floating thrust member at a fixed height from the backing plate.

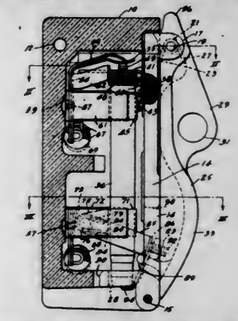
2,134,565
CIRCUIT BREAKER
Merrill G. Leonard, Sharon, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 9, 1936, Serial No. 104,842
21 Claims. (Cl. 200—116)

1. A circuit interrupting device comprising switch contacts, electro-responsive means for effecting separation of said contacts connected in circuit therewith, arcing plates to which the arc between the contacts is transferred, and means for shunting the arc current around said electro-



responsive means and one of said contacts to one of said arcing plates upon initial opening movement of said switch contacts.

2,134,566
CUT-OUT DEVICE
Harry J. Lingal and Herbert J. Crabbs, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application September 23, 1936, Serial No. 102,084
14 Claims. (Cl. 200—121)

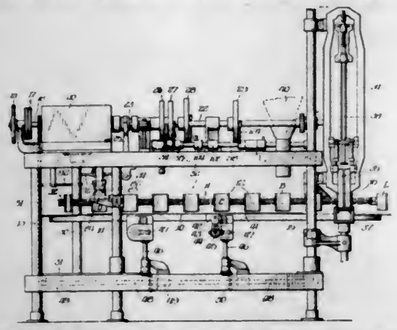


1. In a circuit opener, a casing, a closure for the casing, a fuse tube within said casing secured to the closure, an indicator mounted to move separately from the closure and spring biased to conspicuous position, the fuse tube including a fusible element having a part extending outside the tube, holding means biased to inoperative position and restrained by the outside portion of said element for normally holding the indicator in inconspicuous position, said indicator being moved to conspicuous position upon release of said holding means by said fusible element, resilient means for starting the closure toward open position, and restraining means controlled by holding the indicator in said inconspicuous position, preventing said resilient means from affecting the door.

2,134,567
BAG FILLING AND CLOSING MACHINE
George Long, Joliet, and Elwell B. Larsen, Chicago, Ill., assignors, by mesne assignments, to Franklin Steel Works, Joliet, Ill., a corporation of Maine
Application June 29, 1936, Serial No. 87,972
20 Claims. (Cl. 93—6)

1. In a bag closing machine, the combination of an endless conveyor for propelling the bags, means for forming a 180 degree fold in the upper portion of the bag, means for forming a second 180 degree fold in the upper portion of the bag, and elevating means for positioning the bags with respect to said second mentioned folding

means to compensate for the decreased height of



said bag as a result of the first fold in the upper portion thereof.

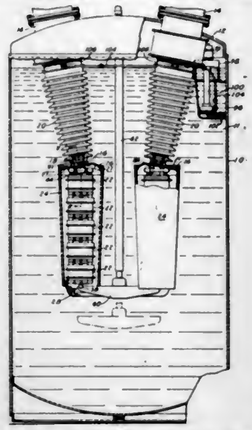
2,134,568
MECHANICAL PENCIL
John P. Lynn, Chicago, Ill., assignor to Dur-O-Lite Pencil Company, Melrose Park, Ill., a corporation of Delaware
Application July 31, 1937, Serial No. 156,649
25 Claims. (Cl. 120—18)



14. A mechanical pencil comprising a body and a tip removable from said body, said tip having lead guide means and a plunger removable from said body with said tip, said body comprising an inner metallic member and a non-metallic casing mounted and supported on said inner metallic member, said metallic member having a portion projecting beyond said non-metallic casing and being adapted to be received within said tip, means for holding said inner metallic member and non-metallic casing in assembled relation, means in said metallic member for cooperating with said plunger when said tip and body are in operative association, and cooperating means carried by said body and tip, respectively, for holding said tip to said body.

2,134,569
CIRCUIT BREAKER
Howard G. MacDonald, Murraysville, and Samuel H. Boden, Monroeville, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application June 3, 1936, Serial No. 83,222
10 Claims. (Cl. 200—150)

1. In a circuit breaker, a plurality of sets of separable contacts connected electrically in series, operating means for simultaneously opening said plurality of sets of separable contacts, an arc extinguishing device including an arc chamber for each of said plurality of sets of separable contacts, a body of arc extinguishing liquid, a plurality of rods at least partially of insulating material extending through said arc extinguishing devices



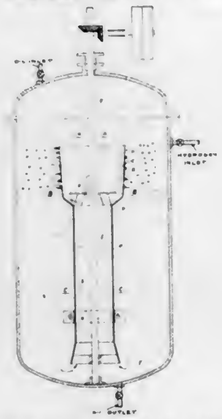
for supporting the same in spaced relation with respect to each other, at least one of said rods having a longitudinal passage therethrough, tubular means connecting said passage with each of said arc chambers, and means for causing said arc extinguishing liquid to flow through said passage and said tubular means and into each of said arc chambers after the arc is extinguished to flush out said arc chambers.

2,134,570
PENCIL
Joseph Meilner, West Orange, N. J., assignor to Eagle Pencil Company, a corporation of Delaware
Application May 17, 1935, Serial No. 21,945
5 Claims. (Cl. 120—22)



4. A pencil structure comprising a lead tube having lead gripping jaws at the forward end thereof, a unitary sheet metal pencil barrel encircling said lead tube and presenting a relatively sharp lower rim, said jaws having means thereon cooperating with the lower rim of said barrel for forming a latch connection therewith, and spring means tending to draw said jaws into said barrel.

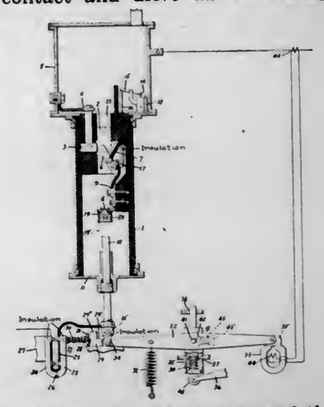
2,134,571
DEVICE FOR THE HYDROGENATION OF VEGETABLE OR ANIMAL OILS OR FATS, FATTY ACIDS, OR THE LIKE
Emil Morlock, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y., a corporation of New York
Application July 27, 1935, Serial No. 33,519
In Germany July 27, 1934
9 Claims. (Cl. 87—12)



1. In an apparatus for hydrogenating materials including vegetable and animal oils and fats, fatty acids and the like in the liquid state in the form of globules, spray, droplets, mist and the like as the dispersed phase in a gas containing hydrogen as the continuous phase, the combination comprising a closed reaction vessel adapted to contain a catalyst suspended in a liquid to be hydrogenated in the lower portion and a gas containing hydrogen in the upper portion thereof, a cylindrical pipe rotatably mounted in said vessel, an impeller coaxially mounted in said pipe and adapted to draw said liquid and catalyst upward through said pipe, a top plate partially covering said impeller, a shell coaxially mounted on said impeller, guide-vanes radially arranged in said shell, liquid outlet ports substantially devoid of catalyst in said shell, and means for simultaneously rotating said pipe with said impeller and said shell.

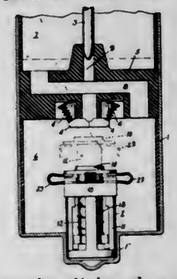
2,134,572
ELECTRIC CIRCUIT BREAKER
William E. Paul, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application May 27, 1937, Serial No. 145,057
15 Claims. (Cl. 200—150)

1. An electric circuit breaker of the oil blast type comprising a pressure-confining casing containing an arc-extinguishing liquid and relatively movable contact structure adapted to form two breaks in series in said liquid including a movable pivoted contact normally biased toward closed circuit position, said pivoted contact normally closing a pressure relief passage in said casing, an intermediate relatively fixed contact and a second movable contact coacting with said fixed contact, the arc pressure generated in said casing at the break between said fixed and second movable contact being utilized to open said biased contact and drive an arc-extinguishing



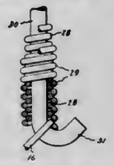
liquid blast through said passage and the arc at that point.

2,134,573
ELECTRIC CIRCUIT BREAKER
William E. Paul, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application May 17, 1938, Serial No. 208,392
14 Claims. (Cl. 200—150)



1. An electric circuit breaker of the fluid blast type comprising separable contact structure between which an arc is formed upon opening of the circuit, a movable arcing member and electromagnetic means controlled by the arc current for moving said arcing member with respect to the arc path so as to decrease the length of said arc to an extent depending on the magnitude of the arc current.

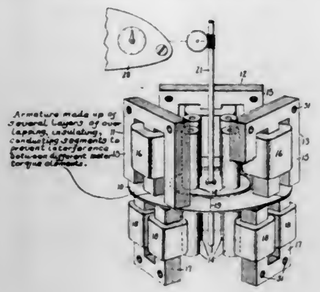
2,134,574
ELECTRIC INCANDESCENT LAMP
Emma B. Pinkle, East Cleveland, Ohio, assignor to General Electric Company, a corporation of New York
Application August 24, 1937, Serial No. 160,621
3 Claims. (Cl. 176—38)



1. In an incandescent lamp, the combination of a conductive lead, a filament having a coiled end portion, a coil screwed over said coiled end

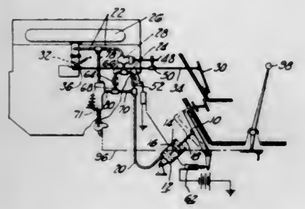
portion of said filament and short-circuiting the turns thereof, and a conductive mandrel in contact with and extending through said coiled end portion of said filament and secured to said conductive lead at a point removed from said coils.

2,134,575
MULTIPLE ELEMENT METER
William H. Pratt, Lynn, Mass., assignor to General Electric Company, a corporation of New York
Application September 9, 1937, Serial No. 163,105
6 Claims. (Cl. 171—264)



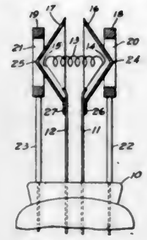
2. An electric meter comprising a rotary shaft, a disk armature of conducting material secured to said shaft, a smaller disk of conducting material secured to said shaft adjacent the armature disk, stationary permanent magnet means for producing damping flux in both of said conducting disks, and a plurality of stationary electromagnets adjacent the peripheral portion of the armature disk for producing induction motor driving fluxes only in said armature disk.

2,134,576
CLUTCH CONTROL MECHANISM
Harold W. Price and Earl R. Price, South Bend, Ind., assignors to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Original application November 27, 1931, Serial No. 577,660. Divided and this application January 18, 1937, Serial No. 121,047
3 Claims. (Cl. 192—.01)



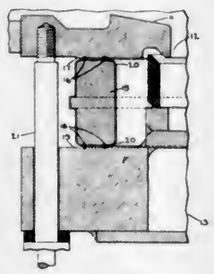
1. In an automotive vehicle provided with a clutch and a change-speed transmission mechanism, power means for operating the clutch including a bleed valve mechanism, said mechanism comprising a valve casing having a plurality of vent ports and a port adapted to be connected with a pressure differential operated motor, a reciprocable valve member housed within said casing and adapted to interconnect said motor port with one or more of said vent ports, and means secured to said valve member serving as a stop member for limiting the movement of said valve member in accordance with the setting of the transmission.

2,134,577
ELECTRODE SYSTEM
Alfred Pützer, Berlin-Spandau, Germany, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a corporation of Germany
Application July 22, 1937, Serial No. 154,952
In Germany July 23, 1936
5 Claims. (Cl. 250—27.5)



1. A discharge device comprising an annular anode, an incandescible cathode and a curved reflector around one end of said cathode and extending within said annular anode.

2,134,578
INSULATING AND SEALING MEANS FOR EVACUATED DEVICES
Emil J. Remscheid, Scotia, N. Y., assignor to General Electric Company, a corporation of New York
Application December 14, 1935, Serial No. 54,522
1 Claim. (Cl. 250—27.5)

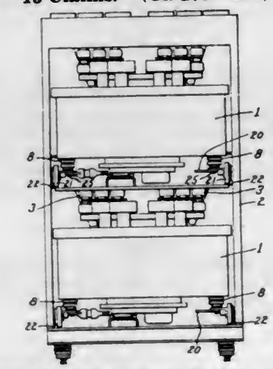


In an arc discharge apparatus comprising an evacuated metal receptacle and an electrode, means to insulate and to seal said electrode from said receptacle including a metal member, a sealing ring of metal deformable only under relatively heavy pressure, a thin coating of vitreous enamel on said metal member including approximately 8.6% feldspar, 30.4% borax, 31% silica, 3.7% sodium nitrate, 4% soda ash, 22.3% calcium carbonate, 1% cobalt oxide, and 1% nickel oxide, said sealing ring being interposed between said coating and a metal sealing surface of said apparatus, and means to press said ring between said coating and said sealing surface to deform substantially said ring, thereby to form a vacuum-tight seal between said metal member and said sealing surface.

2,134,579
SLIPPROOF FABRIC
Otto Röhm, Karl Schottenhammer, and Erich Gröner, Darmstadt, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa.
No Drawing. Application December 18, 1937, Serial No. 180,500. In Germany December 24, 1936
5 Claims. (Cl. 91—68)

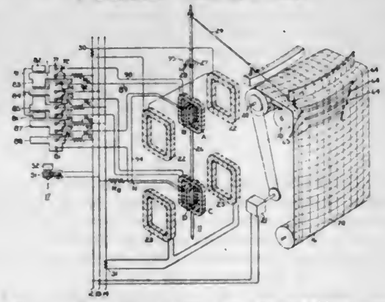
1. The process for increasing the slip resistance of fabrics which comprises treating said fabric with a solution containing oxalic acid and a phosphate of a trivalent metal.

2,134,580
SECTIONALIZING OF SECTIONAL TYPE RECTIFIERS
Herbert A. Rose, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 21, 1937, Serial No. 121,582
13 Claims. (Cl. 175—363)



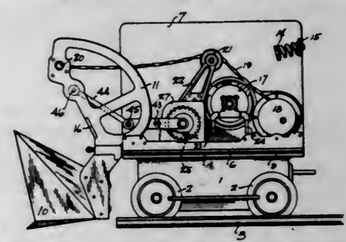
1. A vapor arc converter system comprising a housing structure, a plurality of multi-valve converter sections supported in insulated relation in said housing, a grid-control circuit for each section of said converter, means responsive to abnormal current conditions in any section of said converter for isolating said section and applying a biasing potential to the grid-control circuit thereof.

2,134,581
RECORDING INSTRUMENT
Ralph M. Rowell, Lynn, Mass., assignor to General Electric Company, a corporation of New York
Application June 9, 1934, Serial No. 729,838
7 Claims. (Cl. 234—5.5)



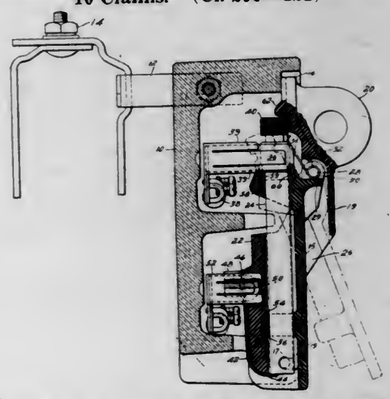
1. In combination with an alternating-current electrical circuit, a double-record curve-drawing instrument having an instrument mechanism including relatively movable elements carrying current and potential windings, respectively, the windings of one of said elements consisting of a pair of crossed coils, means for subjecting said current and potential windings to the current and voltage, respectively, of said circuit, apparatus for displacing the current in one of said crossed coils substantially 90 degrees in phase from the current in the other, a switch for connecting and disconnecting one of said coils to and from said apparatus, and means for operating said switch intermittently.

2,134,582
LOADING MACHINE
Edwin B. Royle, Salt Lake City, Utah, assignor to The Eimco Corporation, Salt Lake City, Utah
Application May 28, 1937, Serial No. 145,291
6 Claims. (Cl. 214—132)



1. In a loading machine, the combination with a support, a horizontally oscillatable superstructure, a vertically swinging shovel mounted on the superstructure, and means for swinging the shovel, of a central cam member mounted on the support, a rotary drum mounted transversely of the superstructure having a cam-edge, and power transmitting means between the shovel swinging means and said rotary drum.

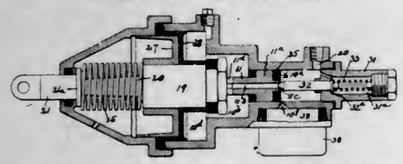
2,134,583
FUSE CUT-OUT
Jerome Sandin, Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application September 30, 1936, Serial No. 103,319
10 Claims. (Cl. 200—121)



1. In a fuse cutout, a fuse tube, a container therefor, a fuse link within said fuse tube, a closure for the container, an indicator mounted

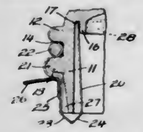
on the closure for movement relative thereto, means securing the fuse tube to the indicator, spring means tending to move the indicator into a position at an angle to the closure, means controlled by the fusion of the fuse link to hold the indicator against said movement, said means releasing said hold upon fusion of the link whereby the indicator then moves to a conspicuous position.

2,134,584
PISTON CONSTRUCTION
Claude Sauzedde, Detroit, Mich., assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich., a corporation of Michigan
Application April 26, 1937, Serial No. 139,074
14 Claims. (Cl. 309—7)



1. In piston construction, a piston having a body and a head, and a leakage-preventing assemblage carried by the piston in advance of the head and including an annular metallic external expansible member and an annular elastic support therefor normally filling the radial space between the member and the piston body and having an exposed face, whereby the exposed face of the support will be subject to pressure conditions during piston advance to thereby deform the support and subject the member to expansion pressure produced by the elastic support.

2,134,585
PERCOLATOR TOP
Emiel P. Seghers, Chicago, Ill.
Application October 16, 1936, Serial No. 105,861
18 Claims. (Cl. 53—3)



1. A percolator top having the usual bead and a depending apron below the bead for engagement with a lid, a clip adapted to be carried by the exterior apron part of the top and passing around the bottom edge and into the interior of said top and means engaging both ends of the clip for securing said clip to said apron part.

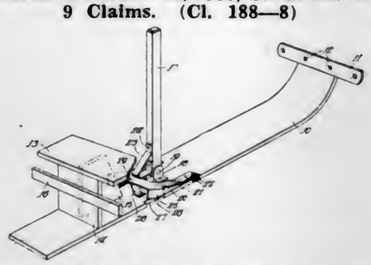
2,134,586
JEWELRY
Jacob Silver, Philadelphia, Pa.
Application June 2, 1937, Serial No. 145,920
12 Claims. (Cl. 63—15)

5. An article of jewelry consisting of a base portion having a design element detachably attached thereto, a base tray portion formed thereon, and a design and picture element detachably attached to said base tray portion; said first design element comprising a body portion having a design formed thereon, a shank attached to said body portion, extending through a suitable aperture formed in said base portion, and terminating in a pair of bent retaining prongs received in a suitable recess formed in the inner face of said base portion; said design and picture element comprising a design carrying frame having beveled frame opening bounding walls positioned in said base tray portion, a picture tray having beveled walls which are complementary to the bevels on said frame opening bounding walls positioned in said frame opening with



the beveled walls of said picture tray contacting the beveled walls of said frame opening, a screw detachably attaching said picture tray to said base tray, a picture positioned in said picture tray and covering said screw, and a cover for said design frame and picture having a transparent window formed therein hingedly attached to said tray.

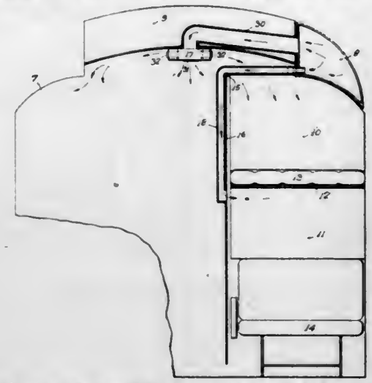
2,134,587
BRAKE FOR SLEDS AND JUMPERS
Joseph M. Simmons, Chicago, Ill.
Application December 18, 1936, Serial No. 116,503
9 Claims. (Cl. 188—8)



1. In a sled of the kind described, a baseboard or runner, a vertically extending handle, a pivot about which the handle is oscillatable longitudinally of the board, a resilient member having one edge fastened to and its opposite edge elevated above said board, a downwardly projecting scoring member mounted on said elevated edge of the resilient member, and means operatively connecting said handle with the resilient member whereby tilting movement of the handle in one direction actuates said scoring member to a position wherein its lower end projects below said board.

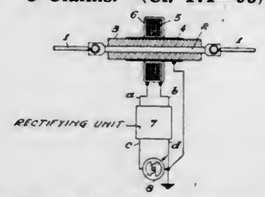
2,134,588
RAILROAD CAR AIR DISTRIBUTING SYSTEM
Alfred E. Stacey, Jr., Essex Fells, N. J., assignor, by mesne assignments, to Carrier Corporation, Newark, N. J., a corporation of Delaware
Application November 12, 1934, Serial No. 752,548
6 Claims. (Cl. 98—5)

1. In combination with a sleeping car, a supply duct, an outlet from the supply duct leading to the interior of the car, a removable distributing duct having means at one end for fitting within the outlet, the distributing duct being made of flexible material capable of being collapsed during non-sleeping periods, stiffening members for opening the distributing duct into non-collapsible position during sleeping periods, the distributing



duct being removable from the outlet during non-sleeping periods and connected to the outlet during sleeping periods, the distributing duct being arranged to fit adjacent a curtain of a berth area, the discharge end of the distributing duct having means in connection therewith for controlling the volume of air entering the berth area.

2,134,589
APPARATUS FOR MEASURING HIGH-FREQUENCY ALTERNATING CURRENTS
Josef Stanek, Berlin-Siemensstadt, Germany, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a corporation of Germany
Application November 21, 1936, Serial No. 111,988
In Germany October 11, 1934
8 Claims. (Cl. 171—95)

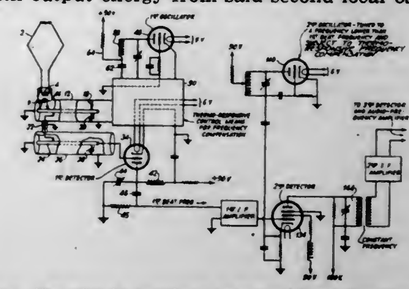


4. In an apparatus for measuring high-frequency alternating currents, a transformer having a primary conductor insertable into the circuit to be measured, a secondary conductor and a conductive screen disposed between said primary and said secondary conductor for carrying off capacitive displacement currents, a direct current measuring instrument, and a thermo-converter connecting said direct current measuring instrument with said secondary conductor.

2,134,590
SHORT WAVE RECEPTION
Bertram Trevor and Ralph Waldo George, Riverhead, N. Y., assignors to Radio Corporation of America, a corporation of Delaware
Original application December 6, 1935, Serial No. 53,136. Divided and this application September 16, 1936, Serial No. 100,974
3 Claims. (Cl. 250—20)

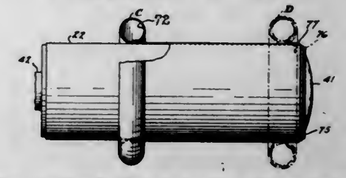
1. In a heterodyne receiver of high frequency

waves a first local oscillator, means for heterodyning said waves with output energy from said oscillator thereby to produce a first beat frequency, a second local oscillator, means for heterodyning waves of said first beat frequency with output energy from said second local oscil-



lator, thereby to produce a second beat frequency, and thermo-responsive means for so controlling the frequency relationship between the two oscillators that said second beat frequency remains substantially constant, despite variations in the ambient temperature.

2,134,591
METHOD OF MANUFACTURE OF INNER TUBES FOR VEHICLE TIRES
Hans Wagner, Akron, Ohio, assignor of eight per cent to Joseph P. Murphy, Jr., Brooklyn, N. Y., and two per cent to Stephen E. Ryan, Forest Hills, N. Y.
Application January 6, 1936, Serial No. 57,754
Renewed January 29, 1938
7 Claims. (Cl. 154—14)



1. The method of producing inner tubes for pneumatic tires which comprises forming an elastic sheet on a drum, folding an end portion of said sheet over an adjoining portion and uniting the marginal portion of said end portion to the sheet to form a closed annular tube circumferentially disposed about said drum, inflating said tube, rolling said inflated tube over the remaining portion of the sheet, removing said inflated tube from said drum, and curing the tube.

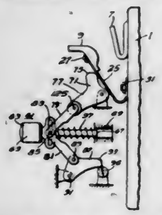
2,134,592
HAIR WAVING DEVICE
Mervin Wideman, Brooklyn, N. Y.
Application March 2, 1938, Serial No. 193,402
12 Claims. (Cl. 132—32)



1. A hair-waving device comprising a center comb member, and a side comb member disposed on each side of the center member, pivoted links connecting the center comb member with the side comb members, several of said links being provided with projecting end portions forming han-

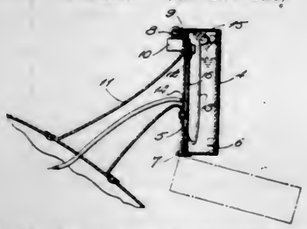
dies by which the side comb members can be moved away from one another and away from the center member when said handles are moved toward one another, and spring means for normally holding the side comb members in close proximity to the center comb member.

2,134,593
CIRCUIT BREAKER
Kurt Wulsten, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application February 21, 1934, Serial No. 712,344
In Germany February 25, 1933
34 Claims. (Cl. 175—294)



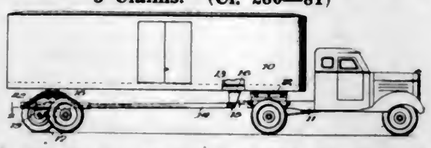
1. In a circuit interrupter, separable contact means for opening and for closing the circuit, actuating means for moving said contact members to the open and to the closed circuit position, and a trip device operable upon the occurrence of predetermined conditions to cause said actuating means to automatically move said contact means to the open circuit position, said actuating means including a toggle linkage for operatively engaging said contact means, and a second toggle linkage intermediate said first toggle linkage and said trip device for supporting said first toggle linkage, said first toggle linkage being substantially straight when said interrupter is in the open circuit position and being bent at the knee thereof when said interrupter is in the closed circuit position to facilitate rapid opening of the controlled circuit, said second toggle linkage being substantially straight when said interrupter is in the closed-circuit position.

2,134,594
DEVICE FOR DISPLAYING A LICENSE PLATE
Speros Peter Andelenis, Concord, N. H.
Application November 1, 1937, Serial No. 172,274
1 Claim. (Cl. 40—132)



A device for displaying a license plate, comprising a rectangular casing having a window opening in the front thereof, marginal flanges about the opening, the upper flange being of greater width than the others to provide a hood and having a central cut out portion, a transparent panel mounted in the casing for closing the window opening, said casing including a rear wall hinged to the bottom wall thereof, fasteners for securing said rear wall on a supporting bracket, and acting to secure on the rear wall within the casing a license plate visible through the panel, keepers secured to the rear wall and the upper wall of the casing to receive a padlock, and means within the casing to illuminate the license plate.

2,134,595
TRAILER CONSTRUCTION
Charles E. Bradshaw, Wellville, Va., assignor of one-third to Charles Martin, Wellville, Va.
Application October 27, 1936, Serial No. 107,873
5 Claims. (Cl. 280—81)



3. In a trailer vehicle, the combination of the side sill of a body supporting frame, a wheel mounting comprising a block pivotally mounted directly on said side sill to rock fore and aft and laterally of the sill, and ground wheels journaled on said block fore and aft of the pivotal center of the block.

2,134,596
STOCK WEANER
Charles E. Boldt, Milltown, Ind.
Application June 15, 1936, Serial No. 85,375
1 Claim. (Cl. 119—132)

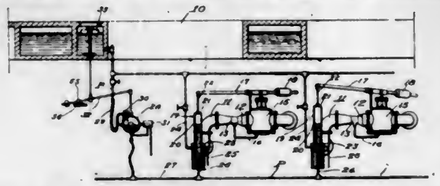


A weaning device comprising a flat semicircular body plate providing a straight upper edge and an arcuate edge, teeth extending outwardly from the arcuate edge for the entire length thereof, said plate having a recess extending centrally in the upper edge thereof, and means for attaching the plate to an animal's nose and including an arcuate link having its opposite ends slotted to receive the plate therein, said link having one end pivotally secured to the plate on one side of the recess and at a considerable distance from said upper edge of the plate, and means for detachably securing the opposite end of the link to the plate on the other side of the recess and at a considerable distance from said upper edge of the plate, said plate having its upper edge notched adjacent to the pivot of the link to accommodate the outer edge of the inner wall of the slot at the pivoted end of the link, whereby opening of the link is facilitated.

2,134,597
COMPENSATED FLOW CONTROL SYSTEM
Moro M. Borden, Philadelphia, Pa., assignor to Simplex Valve and Meter Company, Philadelphia, Pa., a corporation of Delaware
Application March 25, 1937, Serial No. 133,067
12 Claims. (Cl. 137—68)

7. In a control system of the type described, the combination with a flow controller comprising the usual controller casing, a control valve within the casing, means to automatically position said valve in response to flow through the

controller casing and a vertically movable counterweight to modify the operation of said positioning means, of a container for fluid in which the lower end of the counterweight is continu-



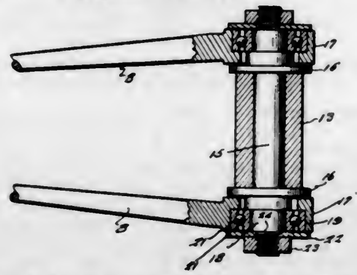
ously immersed, means to maintain a constant level within said container, means to create a fluid head, and means to apply said fluid head to the counterweight to vary the effective weight thereof.

2,134,598
METATARSAL NONSLIP SOLE
William C. Burns, Yamhill, Oreg.
Application May 3, 1937, Serial No. 140,556
3 Claims. (Cl. 36—59)



1. An outer sole for shoes, comprising a body, a downwardly directed ground engaging portion formed on the undersurface of the body adjacent to the forward end thereof and disposed transversely with respect thereto, a downwardly directed ground engaging portion formed on said undersurface adjacent to its rear end and extending transversely thereof, and the last mentioned downwardly directed ground engaging portion increasing in width and thickness laterally toward one end thereof.

2,134,599
AUTOMOBILE SUSPENSION SYSTEM
Irving Cabassa, Alliance, Ohio
Application November 22, 1937, Serial No. 175,969
1 Claim. (Cl. 267—20)



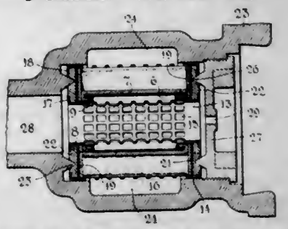
In an independent wheel suspension for a vehicle embodying a chassis, means for supporting a wheel spindle, and means flexibly connecting said supporting means to said chassis including a bracket fixed to the chassis, a pivot rod extending through the bracket with its opposite ends extending beyond the same, said rod having a pair of disk-like collars fitting against opposite sides of the bracket, respectively, and threaded terminals, and being stepped intermediate the collars and terminals at each end to provide a pair of shoulders thereon adjacent the collars, respectively, and reduced portions intermediate said shoulders and terminals, a V-shaped lower link pivotally connected at its convergent end to said supporting means and having bearing eyes at its divergent ends surrounding said rod intermediate the collars and terminals in spaced relation thereto, anti-friction assemblies countersunk in the outer faces of the bearing eyes and fitting over said reduced portions, a pair of washers on said threaded terminals covering the anti-friction assemblies, and nuts on said threaded terminals bearing against the washers.

2,134,600
BELT
Roger S. Calnan, Washington, D. C., assignor to The Richter & Phillips Company, Cincinnati, Ohio, a corporation of Ohio
Application November 10, 1937, Serial No. 173,897
3 Claims. (Cl. 241—8)



1. In an article of the character described, an outer layer and an inner layer united to said outer layer there being a pair of inserts between said layers, said inserts overlying and extending forwardly and rearwardly of the hip portions of a wearer and each insert comprising a member having spaced pairs of projections thereon, said projections lying immediately in front of and behind the hips of a wearer, the portion of an insert between said projections comprising a flat hip engaging portion.

2,134,601
AIR FILTER
Charles A. Campbell, Watertown, N. Y., assignor to The New York Air Brake Company, a corporation of New Jersey
Application June 26, 1937, Serial No. 150,617
3 Claims. (Cl. 183—71)



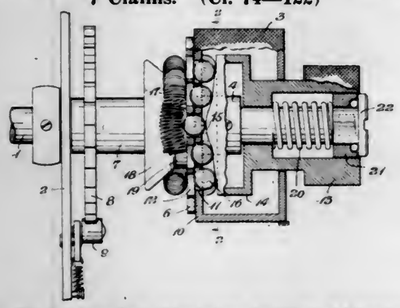
2. An annular filter cartridge intended to be located in a filter casing and to seal tightly at its ends against annular ribs on the casing, comprising in combination, a longitudinally pleated filter element made up of a filtering fabric and a foraminous metal stiffening core; inner gaskets overlying the ends of said element and coextensive with said pleats to effect a seal over the entire ends of the pleats; annular pressure distributing plates overlying and coextensive with said gaskets; outer gaskets overlying said plates and adapted to be engaged by said ribs, the ribs being relatively narrow as compared with said plates; and means comprising a foraminous shell ar-

ranged to hold the above named parts in assembled relation, the parts being so arranged that in service the outer gaskets seal the plates to the ribs, and the plates and inner gaskets seal over the entire end area of the filter element whereby a close seal is secured and the core is protected from local deforming stresses.

2,134,602
METHOD AND MEANS FOR CLEANSING AND LUBRICATION
Jacob M. Cohen, Washington, D. C.
No Drawing. Application October 9, 1937, Serial No. 168,283
6 Claims. (Cl. 184—1)

3. The method of simultaneous cleansing and lubricating of typewriting machines or the like which comprises preparing a mixture of a mineral hydrocarbon lubricant, a mineral hydrocarbon solvent and a volatile noninflammable chlorinated hydrocarbon, forming a high-velocity spray of such mixture, and subjecting the machine and all its parts to the action of such spray, thereby removing all extraneous matter from the machine and its parts and causing the lubricant to penetrate to all remote parts thereof and depositing lubricant in all bearings of the machine in quantities sufficient to lubricate the same, the volatile and the solvent action of the mixture serving to reduce the deposit of the lubricant on other parts of the machine to a minimum.

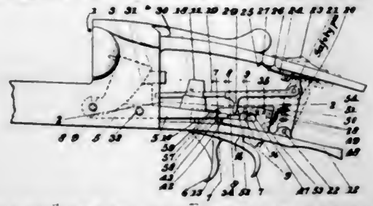
2,134,603
MECHANICAL MOVEMENT
Loring Pickering Crosman, Maplewood, N. J., assignor to Monroe Calculating Machine Company, Orange, N. J., a corporation of Delaware
Application May 4, 1938, Serial No. 206,067
7 Claims. (Cl. 74—122)



1. In means for obtaining vernier adjustment, a primary plate having a series of equally spaced recessed seats, a vernier plate having a series of equally spaced recessed seats, the extent of the intervals between the recessed seats of the two plates differing in the two series, a series of plungers equal in number to and engaging the recessed seats of the primary plate, means for holding said vernier plate against movement, and means for thrusting said plungers successively into engagement with the offset margins of the related recessed seats of the vernier plate to accomplish vernier adjustment of said primary plate.

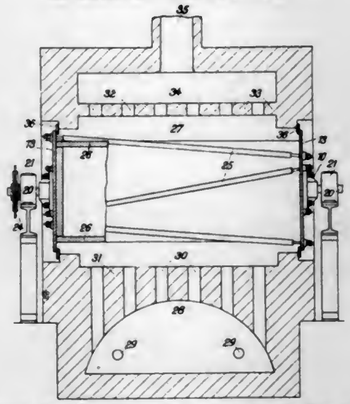
2,134,604
SINGLE-TRIGGER DEVICE
Frederick T. Fahlen, Phoenix, Ariz.
Application October 22, 1936, Serial No. 107,071
14 Claims. (Cl. 42—42)

1. In a double-trigger, double-barreled firearm having a pressure-actuated hammer for each barrel and a sear to hold each hammer in a cocked position, an auxiliary sear having a portion constantly in position beneath the sears in readiness for operation following the raising of one of the sears by a first pull on one of the triggers, means initially holding the auxiliary sear out of range of the raising movement of the triggers, said one trigger being adapted to be



given a second pull, means comprising part of the respective triggers which then works to displace the previously stated holding means so as to remove the restriction on the auxiliary sear, and means to then move the auxiliary sear into range of the raising movement of both triggers and said portion farther under the sears so as to raise both sears with a lever-action upon said second pull.

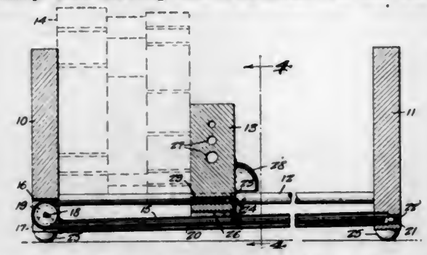
2,134,605
APPARATUS AND PROCESS FOR MELTING OUT METALS FROM METALLIC DUST
Kurt R. Göhre, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y., a corporation of New York
Application August 24, 1937, Serial No. 160,711
In Germany September 19, 1936
18 Claims. (Cl. 263—34)



1. In a muffle furnace, an externally heated rotary drum comprising a lining of refractory construction material and a metal supporting structure on the outside thereof in combination with a stationary housing, means for supporting said drum for rotation in said housing, and means for conducting heating gases through said housing and about the outside of said drum, said metal supporting structure being of open construction to permit said heating gases to directly contact said refractory lining.

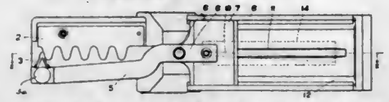
2,134,606
BOOK RACK
Alfred Hackworth and Anton S. Greive, San Antonio, Tex.; said Hackworth assignor to Philip Joseph Schwartz, San Antonio, Tex.
Application January 16, 1937, Serial No. 120,972
1 Claim. (Cl. 211—43)

A book rack comprising end pieces, intermediate and outer tubes between and fixed at their ends in said end pieces, a clamping block slidable on a pair of said tubes, a pulley fitted in one end piece, a coiled tensioning spring trained over the pulley and having one end fixed to the block



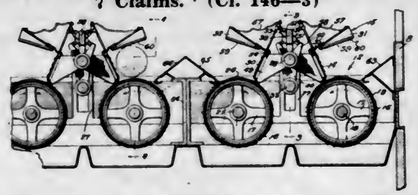
and the other end trained through the other tube and fixed to the end piece remote from the one accommodating the pulley, removable anchoring pins for the attaching ends of said spring, and a removable axle for the pulley and counterseated in the end piece having the pulley fitted therein.

2,134,607
MEANS FOR DRESSING GRINDING WHEELS USED FOR FORM GRINDING
Herbert Henry Harley and James Yorston, Coventry, England
Application August 5, 1936, Serial No. 94,432
In Great Britain August 24, 1935
5 Claims. (Cl. 125—11)



1. Apparatus for dressing the operative face of a grinding wheel, comprising a former, a lever, a stylus carried by one arm of said lever and adapted to co-operate with said former, a slide carrying said lever and capable of rectilinear motion, a dressing tool and means operated by the slide and the other arm of said lever whereby the movement of the stylus in traversing the former is transmitted at a reduced ratio to the dressing tool.

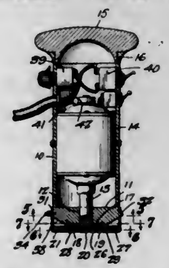
2,134,608
CITRUS FRUIT OIL EXTRACTING AND GRATING APPARATUS
Orville R. Hawkins, Lake Alfred, Fla., assignor to Floridagold Citrus Corporation, Lake Alfred, Fla.
Application April 28, 1938, Serial No. 204,897
7 Claims. (Cl. 146—3)



1. Citrus fruit grating apparatus comprising a support, an apertured grating member slidably mounted on said support, means for reciprocating said member, a spiked drum rotatable on said support with its periphery adjacent the lower edge of said grating member, means for rotating said drum toward said reciprocating member, and means for adjusting said grating member

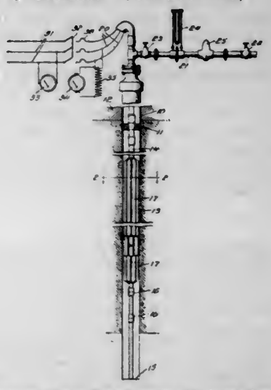
about an axis parallel to the axis of rotation of said drum, the skins of the fruit punctured and shredded by the spikes of said drum and grated by said member being discharged through the apertures of said member.

2,134,609
ELECTRIC SHAVER
Charles W. Hay, Great Falls, Mont.
Application February 7, 1938, Serial No. 189,197
8 Claims. (Cl. 30—43)



7. An electric shaver comprising a handle member, a shaft rotatably mounted in the handle member, a disc-shaped stationary cutter detachably mounted on the handle member, a cooperating disc-shaped rotary cutter detachably secured to said shaft behind the stationary cutter, said rotary cutter adapted to rotate in a plane normal to the axis of rotation of said shaft and formed on its opposite faces with alternate radially disposed segmental shaped shoulders and flat surfaces of progressively increasing width from their inner ends to the periphery of the rotary cutter, the shoulders being under cut to provide cutting edges in the planes of the outer faces of the shoulders and the latter being of greater depth on one face of the rotary cutter than on the opposite face, and the rotary cutter being reversible on the shaft to present the cutting edges of either set of shoulders to the stationary cutter.

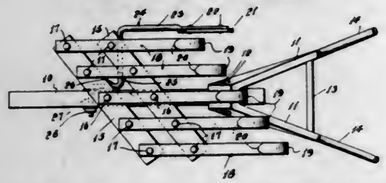
2,134,610
OIL-BEARING SAND HEATER
Coy C. Hogg, Titusville, Pa.
Application April 26, 1937, Serial No. 139,045
3 Claims. (Cl. 166—17)



2. Apparatus for heating oil bearing sand to increase oil production, comprising a compressed air pipe having heat dissipating fins disposed at the sand strata, a heater disposed in the pipe

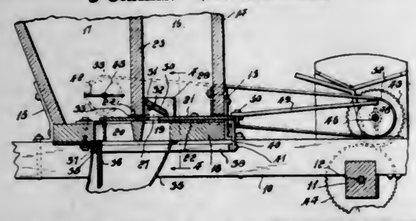
at the fin portion thereof, a bottom hole packer surrounding the pipe above the fin thereof, outlets in the pipe below the fin portion, and means for supplying compressed air to the pipe.

2,134,611
SIDE HARROW
Joseph Homer Hudson, Prentiss, Miss.
Application November 25, 1936, Serial No. 112,816
Renewed March 24, 1938
2 Claims. (Cl. 55—33)



1. A harrow of the class described having a beam, bars bolted thereto in parallelism for adjustment to different positions, harrow members adjustably bolted to the bars, so that the adjustment of the bars will vary the positions of the harrow members, a fender to prevent harrowed soil from covering small plants disposed adjacent one of the harrow members, a mount carrying said fender, means pivotally connecting the mount to the beam, and said mount having a portion resting on one of the bars to govern its operative position.

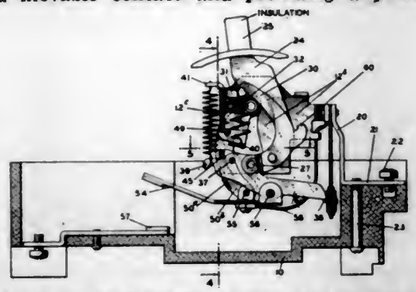
2,134,612
CORN PLANTER
Lilburn I. Jennings, Nickelsville, Va.
Application April 1, 1937, Serial No. 134,404
3 Claims. (Cl. 221—122)



1. A distributor of the class described comprising a hopper having seed and fertilizer chambers, a bottom wall for the hopper having slots therethrough communicating one with each chamber, a valve slidable over said bottom wall to cut-off the slot from the fertilizer chamber, said valve having an opening to convey seed to the other slot, baffle means in the seed chamber disposed over the valve at the position of discharge of the opening thereof, a gate beneath the slot for the fertilizer, and means movable with the valve to control the opening and closing of said gate.

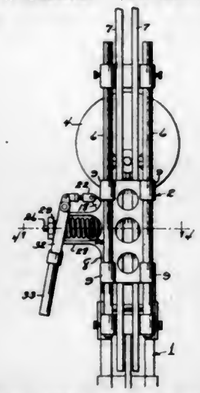
2,134,613
CIRCUIT BREAKER WITH OVERLOAD TRIP
David W. Johnson, New Britain, Conn., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn., a corporation of Connecticut
Application April 27, 1936, Serial No. 76,682
20 Claims. (Cl. 200—116)

1. In a circuit breaker, a fixed contact and a movable contact engaged therewith, a manual operating lever, contact actuating means including an over-center spring movable by said lever to operate said movable contact with a snap, in combination with an auxiliary lever pivotally mounted on said manually operable lever, an overload operating lever having a fixed pivotal mounting and having a pivotal connection with said movable contact and providing a pivotal



support for said auxiliary lever during manual operation of the breaker, said pivotal support being withdrawn upon release of said overload lever upon overload operation of the breaker, and current responsive means holding said overload lever during normal current conditions.

2,134,614
PACKER HEAD
William M. Lafferty, Reading, Ohio
Application March 9, 1937, Serial No. 129,905
2 Claims. (Cl. 25—37)

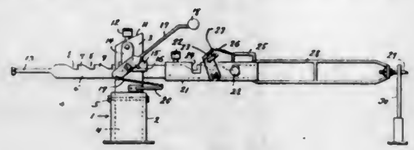


2. A packer head comprising a reciprocally mounted housing including means for connecting thereto a drive means and a supporting means and having extending therethrough tamping elements, a bracket extending from said housing, blocks mounted in said housing and engageable with the latter and with the tamping elements, a follower engageable with one of said blocks, a lever pivoted within said housing and on said follower, an adjustable spring means within said bracket and acting on said lever, and a hand actuated lever connected to said first lever for compressing said spring means and thereby relieving the follower of the action of said spring means.

2,134,615
SURFACE ROD LINE JACK
Coy Lee Lamb, Wilson, Okla., assignor of one-fourth to Thomas P. Costello, Dillard, Okla.
Application May 9, 1938, Serial No. 206,961
1 Claim. (Cl. 74—593)

A surface rod line jack comprising a knock-off post, said post including a vertical metallic pipe,

a block mounted on the upper end of said pipe, said block having an opening extending horizontally therethrough, a ratchet bar extending slidably through the opening, links mounted for swinging movement in a vertical plane on the block, a substantially U-shaped pawl pivotally mounted on said links and engageable with the ratchet bar for releasably securing said ratchet bar against longitudinal movement in one direc-



tion, a lug projecting from said pawl, a lever pivotally mounted on one of the links and engageable with the lug for engaging the pawl with the ratchet bar or for disengaging said pawl from said ratchet bar, a weight on one end portion of the lever, a spring connected to the other end portion of the lever for assisting in swinging said lever in one direction, and means for releasably connecting the ratchet bar to a source of power.

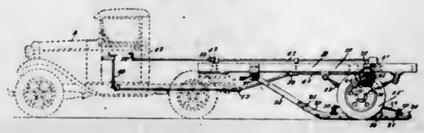
2,134,616
PRODUCING MOLYBDENUM ALLOYS
Arthur Linz, New York, N. Y., assignor to Climax Molybdenum Company, New York, N. Y., a corporation of Delaware
No Drawing. Application January 18, 1938, Serial No. 185,515
3 Claims. (Cl. 75—3)

1. An alloying briquette comprising a solid mass of about 90% roasted molybdenite concentrates and about 10% pitch binder.

2,134,617
ALLOYING MOLYBDENUM
Arthur Linz, New York, N. Y., assignor to Climax Molybdenum Company, New York, N. Y., a corporation of Delaware
No Drawing. Application February 10, 1938, Serial No. 189,767
3 Claims. (Cl. 75—3)

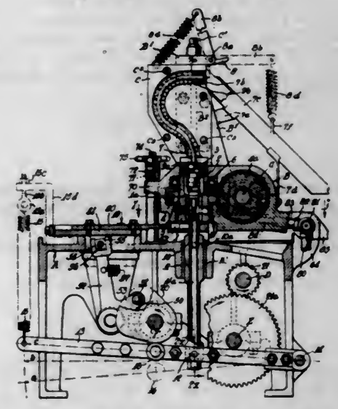
1. An alloying agent for producing molybdenum containing ferrous alloys comprising a briquette formed of a mixture of molybdenum dioxide and a relatively small amount of a reducing binder.

2,134,618
SAFETY DEVICE FOR MOTOR VEHICLES
William Long, Waldo, Wis.
Application September 7, 1937, Serial No. 162,793
7 Claims. (Cl. 280—9)



1. The combination of a chassis, an eccentric fitted with said chassis, a jack movable by said eccentric, a runner yieldably fitted with the jack, a second eccentric coacting with the jack, and means for operating each of said eccentrics independently of the other.

2,134,619
NUT THREADING MACHINE
John J. McLaughlin, North Tonawanda, N. Y., assignor to Buffalo Bolt Company, North Tonawanda, N. Y., a corporation of New York
Application January 10, 1936, Serial No. 58,467
Renewed September 10, 1938
19 Claims. (Cl. 10—139)



15. A nut threading machine, including in combination, an upwardly extending rotary chuck having surfaces for engaging and rotating nuts sliding therethrough, a tap with a long shank having a straight portion positioned in the axis of the chuck by nuts that are being rotated by said chuck, and a curved portion extending upward and laterally away from the axis of the chuck in a curve of large radius, and thereabove an approximately horizontal portion; together with a stationary guideway affording nut guiding surfaces approximately parallel with curved and horizontal portions of said shank, whereby said stationary guiding surfaces floatingly center and support said shank through a train of previously threaded nuts that are forced along the shank, thereby suspending and preventing axial rotation of the tap in the chuck; in combination with supplemental lifting means, above the tap, symmetrically disposed with respect to an upwardly extending portion of the shank, and arranged to automatically engage each successive threaded nut at a plurality of points equidistant from its axis and push it upward on the shank, thereby lifting said train of threaded nuts independently of the nuts which are being screwed upward on the cutting threads of the tap.

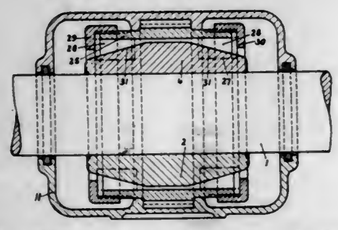
2,134,620
TUBULAR ARTICLE MANUFACTURE
Gavin Smellie McLay, Strand, London, England, assignor to Wellman Seaver Rolling Mill Company Limited, London, England, a company of Great Britain
Application March 24, 1937, Serial No. 132,829
In Great Britain July 30, 1936
10 Claims. (Cl. 205—4)



1. A method of producing metal tubes in which a closed ended hollow blank is applied to

one end of a mandrel having its cylindrical surface plain without depressions or grooves and having its opposite ends alike and whose other end is connected to the mandrel carrier by a connection which maintains said mandrel carrier and mandrel coaxial and which is not broken when the mandrel is subjected to shocks during the pushing operation, pushing the blank carried on the mandrel through reducing means to convert it to a tubular article, removing said tubular article from the mandrel, reversing the mandrel end for end and reintroducing it into the push bench apparatus for use in the production of a further tubular article.

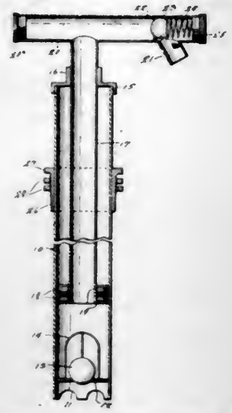
2,134,621
BEARING
Fritz Pesarese, Grundschottel, Germany, assignor to the firm: Eisen- u. Stahlwerk Walter Peyinghaus, Egge, Germany
Application June 14, 1935, Serial No. 26,650
In Germany June 23, 1934
1 Claim. (Cl. 308—121)



A shaft bearing comprising a bearing member, a plurality of smooth-faced circumferentially spaced bearing surfaces therein, a smooth-faced rotary member rotatably mounted in the said bearing surfaces, each of said bearing surfaces being so shaped as to form with the surface of the rotary member, narrow, tapering inlet spaces for both directions of rotation, the radius of curvature of each bearing surface being at all points greater than the radius of a cylindrical surface which touches all the said bearing surfaces internally, and means for supplying lubricant to the inlet spaces through the interspaces between successive bearing surfaces, separate circumferentially spaced bearing blocks on which said surfaces are located, said blocks being adjustable radially and circumferentially.

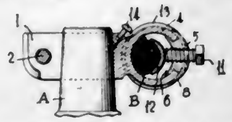
2,134,622
GREASE PUMP
Oscar A. Peterson, Albert Lea, Minn.
Application April 8, 1937, Serial No. 135,776
2 Claims. (Cl. 221—47.5)

1. A pump of the character described, including a barrel having recesses in its lower end constituting inlet apertures, a valve seat disposed above the apertures, a valve resting upon the upper face of the seat and opening upward, a tubular piston rod extending through the top of the barrel and open at its lower end, the piston rod being of approximately uniform diameter from end to end, a piston surrounding the lower end of the piston rod and engaging the interior face of the barrel, a tubular handle into which the upper end of the piston rod opens, the handle having an internal diameter approximately the same as the internal diameter of the piston rod, detachable plugs closing opposite ends of the handle, the handle adjacent one end having a downwardly extending discharge spout, and a valve seat disposed immediately inward of the discharge spout, a valve coacting with said seat,



and a spring disposed between the adjacent plug and said valve and urging the valve to its seat.

2,134,623
BATTERY TERMINAL CONNECTER
Russell E. Rowe, Hyattsville, Md.
Application March 9, 1937, Serial No. 129,928
4 Claims. (Cl. 173—259)



4. The combination with a battery terminal comprising a post clamp rigid with the usual cylindrical split sleeve connecter having a longitudinal slot, of a block having a portion filling said slot and flush with the outer surface of said sleeve, and having another portion engaging the inner surface of said sleeve adjacent the edges of said slot, a pair of bands encircling said sleeve and the flush portion of said block, and a clamping screw passing through said block at a point between said bands.

2,134,624
SNOW SLIDE PREVENTER
Horace H. Royall, Bell, Calif.
Application July 2, 1936, Serial No. 88,655
Renewed February 17, 1938
1 Claim. (Cl. 256—1)



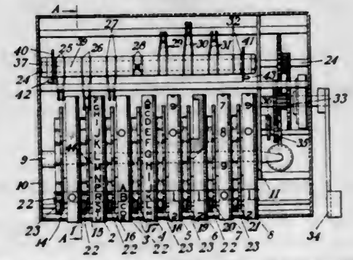
A snow slide preventing means comprising posts, wire netting secured to the posts, posts behind the first mentioned posts, wire netting secured to the second mentioned posts, and brace means between and at an angle to the nettings extending from the tops of certain of the first mentioned posts to certain of the second mentioned posts, adjacent the ground line.

2,134,625
METALLO AMIDO DERIVATIVES
Sol Shappirio, Washington, D. C.
No Drawing. Application November 5, 1936, Serial No. 109,395
5 Claims. (Cl. 44—9)

2. A gasoline type motor fuel containing a small amount of lead amid.

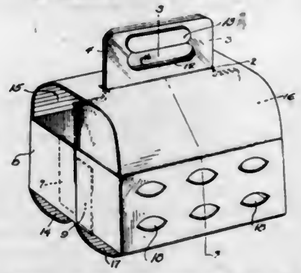
3. A gasoline type motor fuel containing a small amount of lead hydrazide.

2,134,626
IMPULSE TRANSMITTER
Edward Shipton, London, and Oscar Douglas Kennedy, Burnham, England
Application December 12, 1934, Serial No. 757,245
In Great Britain December 12, 1933
8 Claims. (Cl. 179—90)



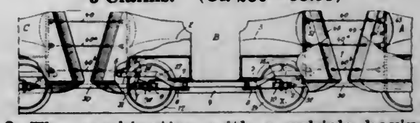
1. An impulse transmitter for transmitting a plurality of groups of impulses, each group corresponding to a digit of the number to be transmitted, comprising a plurality of setting-up devices, one for each digit of the number to be transmitted, means for visibly indicating the digit set up by each setting-up device, an impulse generating means adapted to operate continuously each time the mechanism is operated, an impulse controlling device individual to each setting-up device, and means for adjusting the position of each impulse controlling device in accordance with the setting of its associated setting-up device, said impulse controlling devices successively cooperating with the impulse generating means to permit the transmission of groups of impulses corresponding to the digits set-up on the setting-up devices.

2,134,627
CARTON OR ARTICLE CARRIER
William Eugene Turner, Chattanooga, Tenn., assignor to O. B. Andrews Company, Chattanooga, Tenn., a corporation of Tennessee
Application November 24, 1937, Serial No. 176,332
5 Claims. (Cl. 229—27)



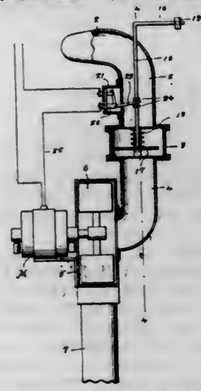
1. A folding carrier carton made of one piece of sheet material comprising, a pair of adjacent center walls, a pair of bottom walls, a pair of outer walls, forming two adjacent carrier compartments, and integral means interlocking the outer and center walls at the top, means integral with the outer walls and extending across the ends of the compartments to form closures therefor, and hand-hold means formed in the top portions of the center walls for carrying the carton.

2,134,628
VEHICLE COUPLING DEVICE
Louis Adolphe Verney, Paris, France, assignor to Societe Centrale de Chemins de Fer & d'Entreprises, Paris, France
Application December 8, 1937, Serial No. 178,808
In France December 17, 1936
3 Claims. (Cl. 280—33.55)



2. The combination with a vehicle having a front and rear axle and wheel journals pivoted thereto, of two yoke-shaped pivoting members, on each of said axles a socket having a vertical axis, a bolt in the eye of said socket, a ring of elastic material inserted between said socket and said bolt, one of said yoke-shaped pivoting members being pivoted to each of the bolts, the socket being located between the two branches of the yoke-shaped pivoting member and said bolt extending through said branches, connecting means between each of said pivoting members and the journals mounted upon the same axle for causing said journals to pivot with said pivoting member in the same direction, other connecting means between the two pivoting members for causing one of said pivoting members to pivot in one direction when the other of said pivoting members pivots in the other direction, an auxiliary member pivoted about the bolt carried by the rear axle and means provided on said auxiliary member and on the front pivoting member for pivotally attaching the ends of a coupling bar so that it is adapted to pivot about a horizontal transverse axis.

2,134,629
LAVATORY VENTILATOR
Richard Walsh and Oscar R. Sandstrom, Crystal Falls, Mich., assignors of one-third to Archibald Frederick Jayne, Crystal Falls, Mich.
Application May 3, 1937, Serial No. 140,511
2 Claims. (Cl. 4—213)



1. Ventilating means for a lavatory comprising

an incased motor driven fan, pipes connecting the inlet thereof with the interior of the bowl of the lavatory, pipes connecting the outlet of the fan with a waste pipe of the lavatory, a valve normally closing the communication between the inlet and the bowl, a lever, a valve stem connected with the valve and with the lever, means for normally holding the seat of the bowl in raised position, the lever extending under a part of the seat whereby the lowering of the seat will move the lever to a position to raise the stem and valve to move the valve to open position, a circuit for the motor and means operated by the raising of the valve and its stem to close the circuit and to break the circuit when the valve moves downwardly.

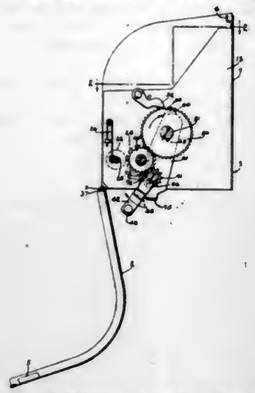
2,134,630
GARMENT
Jack French White, London, England, assignor, by mesne assignments, to Martin-White of Ameriga, Inc., New York, N. Y., a corporation of Delaware
Application October 28, 1936, Serial No. 108,059
In Great Britain September 29, 1936
6 Claims. (Cl. 2—67)



1. A fabric comprising a sheet of substantially non-elastic basic material, a series of elastic threads independently attached to the surface of said basic material in substantially parallel lines, a second series of elastic threads independently attached to said surface but extending in substantially parallel lines in a direction substantially perpendicular to the direction of the first named series of elastic threads, all said elastic threads being attached in a stretched condition to said basic material whereby the basic material will assume when not under stress a puckered formation.

2,134,631
TOWELING DISPENSING APPARATUS
Rudolph G. Birr, Lombard, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah, a corporation of Utah
Application May 18, 1936, Serial No. 80,267
7 Claims. (Cl. 164—84.5)

1. A towel dispensing apparatus having a stop mechanism including, a part manually movable to release the stop, a crank-operated dispensing mechanism in which a plurality of rotations of the crank are necessary to dispense a given amount of toweling following movement of said part to release position, and means respectively associated with said part and said crank when said part is at its limit of release position and



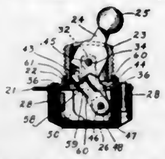
cooperative to prevent more than one rotation of the crank while the stop is in release position.

2,134,632
SHOE HEEL COVERING AND METHOD OF MAKING THE SAME
Bernard F. Convy, St. Louis, Mo., assignor to Convy Heel Covering Company, St. Louis, Mo., a corporation of Missouri
Application December 30, 1935, Serial No. 56,593
8 Claims. (Cl. 41—10)



5. A covering for a shoe heel comprising a sheet of flexible material bearing a photographic reproduction of the coloring and marking of a given leather lift heel, and having separately impressed therein, while softened from its normal condition of hardness, a bas-relief design reproducing surface texture of said leather lift heel, said photographic reproduction and impressed relief design being in register with each other so as to duplicate the color and surface texture relation of said leather lift heel.

2,134,633
ELECTRIC SWITCH
Arthur C. Gaynor, Stratford, Conn.
Application June 12, 1936, Serial No. 84,780
16 Claims. (Cl. 200—67)



1. In an electric switch, a box-like insulating casing having a bottom, side walls and end walls, and having a vertical slot in a corner formed by a side wall and an end wall, said slot separating said walls and having in one of its edges a longitudinal groove and on the other of its edges a longitudinal rib disposed opposite the groove; and a contact member fitting into said slot and

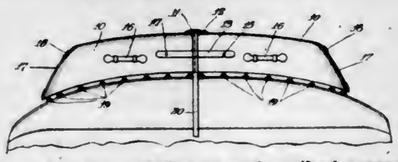
having a pair of biplanar portions engaging the edges of the slot and respectively interfitting with the groove and rib of said edges so that said member is held thereby in the slot against all but longitudinal movement.

2,134,634
INFLATABLE PLAYING BALL CONSTRUCTION
Hugo Goldsmith, Cincinnati, Ohio, assignor to The P. Goldsmith Sons Company, Cincinnati, Ohio, a corporation of Ohio
Application February 19, 1937, Serial No. 126,687
5 Claims. (Cl. 273—65)



2. A valve for an inflatable article having a wall with an opening through which a stem of said valve extends said stem having a flange secured to said wall, said stem having a slit extending lengthwise therethrough for inflating said article, a resilient band surrounding said stem for sealing said slit and means covering said resilient band for preventing deterioration of the resiliency of said band, said means comprising a relatively wider resilient band covering both ends of said first noted band.

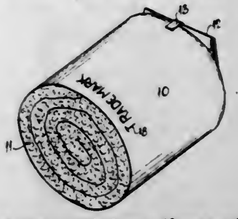
2,134,635
AUTOMOBILE BAGGAGE CARRIER
George H. Le Boeuf, Green Bay, Wis.
Application August 1, 1935, Serial No. 34,172
1 Claim. (Cl. 224—29)



A construction of the class described comprising a baggage receptacle made in two longitudinally separable parts divided transversely at the center thereof having their bottoms arranged to rest on the top of an automobile; U-shaped straps on the top of one of said sections, elongated offset brackets on the other section spanning the plane of division and adapted to be engaged in the said U-shaped straps; and a tie strap extending over said receptacle under said offset brackets and having its ends adapted to be secured to the body of an automobile.

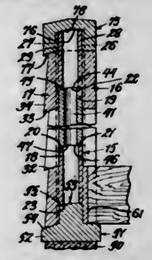
2,134,636
DISPLAY CONTAINER
Houston M. Lewis and Jacob C. Barnhardt, Charlotte, N. C.
Application April 20, 1936, Serial No. 75,430
2 Claims. (Cl. 206—44)

2. A package comprising an article of merchandise and a container therefor, said container being of a width sufficient to snugly receive the article and being of substantially greater length than the article, said container having an open end and a bottom, the bottom of the container having its sides creased inwardly and the bottom end doubled upon itself and secured to the exterior of the container, said article when placed within the container having its outer end flush with the open end of the container and the inner end in engagement with the doubled-over bottom, the container being of sufficient depth so that when the lower end of the container is unfolded and the article is moved toward the



closed end of the container, there will be a substantial amount of unoccupied space in the open end of the container and thus permitting the open end of the container to be folded over the exposed end of the article.

2,134,637
WALL CONSTRUCTION
James E. Loucks, Muncy, Pa., assignor to Marjorie H. Loucks, Muncy, Pa.
Application September 15, 1937, Serial No. 163,977
10 Claims. (Cl. 72—41)

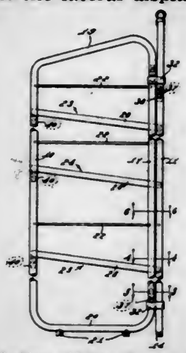


1. A self supporting wall, comprising a plurality of blocks, each of said blocks comprising a pair of rectangular side plates and an integral substantially rectangular central portion which is offset upwardly relative to said side plates to form a lateral extension of substantial height at one side of said block and a channel at its opposite side, the sides of said extension which are parallel with said side plates being substantially vertically disposed and the extension of one block interfitting with the channel of another block, the vertical sides of said extensions insuring the vertical and horizontal alinement of said blocks.

2,134,638
DISPLAY RACK
Carl T. Lundstrom and Edward A. McLaughlin, Terre Haute, Ind.
Application May 22, 1937, Serial No. 144,259
1 Claim. (Cl. 211—149)

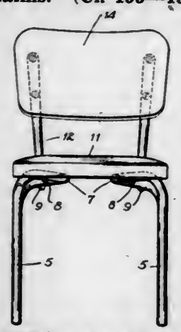
A display rack comprising a back frame formed of a one-piece tubular member bent into substantially rectangular formation, two side frames each formed of a single tubular member bent to provide a substantially rectangular structure, said side frames being hinged respectively to the uprights of the back frame through the medium of at least two straps surrounding the upright of the back frame and an upright of the side frame to provide a flat folding hinge connection between the side frames and the back frame, a plurality of trays hingedly mounted between the uprights of the back frame and supporting means

on each of the front uprights of the side frame for each of said trays interlocking with said trays to prevent the lateral displacement of the



side frames relative thereto, and downwardly extending feet on said back frame and each of said side frames for supporting the same in a substantially rigid upright position.

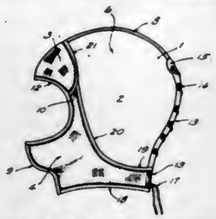
2,134,639
CHAIR
William R. McGowen, Pittsburgh, Pa., assignor to The McKay Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application May 29, 1937, Serial No. 145,583
3 Claims. (Cl. 155—194)



2. A chair comprising a seat member, a pair of leg members respectively disposed adjacent to opposite edges of the seat and each member having two legs formed with a transverse seat bar portion, the two seat bar portions being bent in opposite directions and having flat contact throughout their lengths with the bottom of the seat, and means for securing the said seat bar portions to the seat.

2,134,640
BEAUTY APPLIANCE
Rose Merkin, Newton, Mass.
Application October 22, 1937, Serial No. 170,375
3 Claims. (Cl. 128—163)

1. A helmet device of the character described comprising as a single unit a non-stretchable head portion, a porous two-way stretchable forehead portion, a combined porous two-way stretchable cheek, chin and neck portion both said portions having their directions of stretch positioned substantially horizontally and vertically, and a tensioning lacing, the lower extremities of said forehead portion being permanently attached to the upper extremities of said cheek portion forming, on their combined outer edges, openings for the face and neck and having their combined inner edges permanently attached to said head portion forming an open faced helmet, said forehead portion being adapted for disposition against the forehead and for vertically lifting the skin and tissue of the forehead upwards from the eyebrows towards the top of the head and simultaneously stretching the skin and tissue horizontally from the centre of the forehead towards the temples, said cheek portions being adapted for disposition against the cheeks and for vertically lifting the skin and tissue of the cheeks upwards from the jaws towards the temples and simultaneously stretching the skin and tissue of the cheeks horizontally from the sides of the nose and mouth towards the back of the neck, said chin portion being adapted for disposition against the chin and for vertically pulling the



skin and tissue of the chin downwards from the lower lip and lower cheeks towards the neck and simultaneously stretching the skin and tissue of the chin horizontally from the sides of the lower lip towards the back of the neck, said neck portion being adapted for disposition against the neck and for vertically pulling the skin and tissue of the neck downwards from the lower chin towards the body and simultaneously stretching the skin and tissue of the neck horizontally from the front of the neck towards the back of the neck, said head portion enclosing a slit opening, the sides of said slit opening being bound with a non-stretchable material, said material being provided with a plurality of spaced eyelets adapted to cooperate in running engagement with said tensioning lacing, said slit opening extending from said neck opening to a point opposite the centre of said forehead portion.

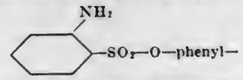
2,134,641
MACHINE FOR EMPLACING EXPANSION JOINTS AND DOWEL BARS
Edward Mundt, Streator, Ill., assignor to Robb & Robb, Cleveland, Ohio
Application July 20, 1934, Serial No. 736,246
Renewed August 26, 1938
24 Claims. (Cl. 94—51)



1. In a machine of the class described, in combination, a main frame adapted to travel above a road subgrade relative to which expansion joint members and/or dowel bars are to be positioned, end frames for the main frame transverse thereto, raising and lowering devices on the end frames for elevating and lowering the main frame, and comprising wheels for facilitating the travel of the machine over the subgrade, anchorage devices carried by the end frames for connecting the machine positively to road forms upon which it may be supported, manual means for actuating said anchorage devices to engage and release the same from the road forms, holding means on the main frame to be raised and lowered therewith cooperative with an expansion joint member, and dowel bar supporting means carried by said main frame, including dowel bar engaging and releasing devices, the last mentioned devices being movable to hold the dowel bars in proper position for emplacement with the expansion member and releasing said dowel bars after such emplacement.

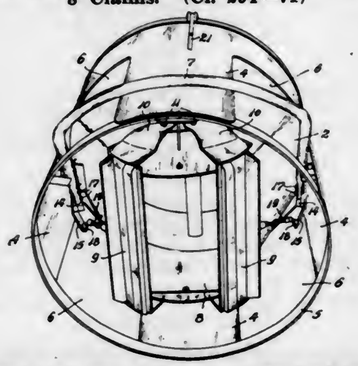
2,134,642
AZO DYESTUFF AND PROCESS FOR THE MANUFACTURE THEREOF
Pierre Petitcolas, Rouen, and Robert Frédéric Michel Sureau, Mont St-Aignan, France, assignors to Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlmann, Paris, France, a corporation of France
No Drawing. Application July 28, 1937, Serial No. 156,178. In France August 12, 1936
10 Claims. (Cl. 260—193)

1. Process for the manufacture of azo dyestuffs consisting in coupling the diazo-derivatives of aromatic amines of the general formula:



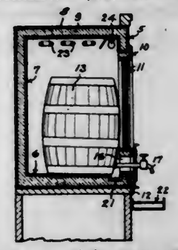
with a member of the group consisting of phenylamides of 2-3-hydroxynaphthoic acid, naphthylamide of 2-3 hydroxynaphthoic acid and the diacetoacetyl-o-tolidine.

2,134,643
CONCRETE CONVEYING BUCKET
Frederick B. Ray, Indianapolis, Ind., assignor to Insley Manufacturing Corporation, Indianapolis, Ind., a corporation
Application June 27, 1936, Serial No. 87,773
8 Claims. (Cl. 294—71)



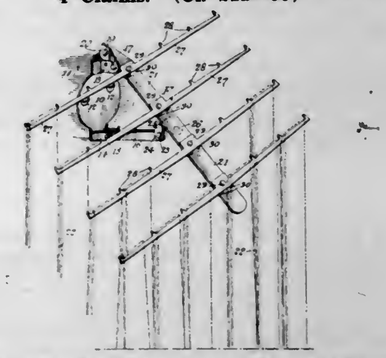
1. In a bucket of the class described, in combination, a body having a discharge opening at its lower portion, a gate movably mounted on the body and normally having closing action in relation to said opening, a handle pivoted to the body and disposed with its axis at a right angle to the axis of the gate, and linkage connection between said handle and the gate whereby on movement of the handle the gate may be carried to open and closed positions at will, said linkage connection comprising a hanger member pivotally connected to the body and a link connecting said hanger member with the discharge door, the connection between said linkage connection and the handle comprising a rigid member attaching the handle to said hanger member.

2,134,644
REFRIGERATED BACK BAR
Herbert E. Sadler, Seattle, Wash.
Application August 31, 1937, Serial No. 161,776
2 Claims. (Cl. 62—143)



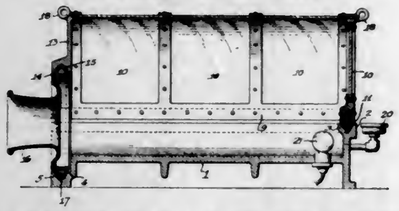
1. A back bar, comprising an ornamental front wall portion, the outer side of which constitutes the visible portion of the back bar; wall means cooperating with said front wall to provide a refrigeration receptacle back of said front wall for the reception of kegs which contain liquid and are provided with spigots; means forming spigot passageways in said front wall through which the spigots may extend, said passageways being relatively long vertically to provide for variation in the vertical positions of the spigots of different kegs; two guide members positioned in spaced apart parallel relation at the respective sides of said passageways; two vertically movable plates of thin sheet metal slidably supported in said guide members adapted to receive therebetween the shank portions of spigots, said plates having relatively deep notches in their adjacent edges fitting over the spigot shanks, the ends of said two plates being overlapped when said two plates are closed on a spigot and said two plates being adapted to be moved apart to permit a spigot to be inserted therebetween.

2,134,645
NECKTIE CARRIER
Elmer Sas, New York, N. Y.
Application July 8, 1937, Serial No. 152,475
4 Claims. (Cl. 211—99)



1. A necktie holder comprising a support; upper and lower links pivoted to said support; a frame on which ties are draped, said frame being normally suspended on pivotal connections with said links, said upper link, when the frame is raised carrying a portion of said frame upwardly and backward of the pivotal point of said link with said support, and the lower link carrying the lower end of said frame outwardly for locking said frame in the unfolded display position.

2,134,646
APPARATUS FOR TREATING VASCULAR DISEASES
Claude Sauzedde, Detroit, Mich.
Application January 16, 1936, Serial No. 59,368
2 Claims. (Cl. 128—299)



1. In apparatus for the treatment of vascular diseases, a base, a hollow casing, sealing means between said base and casing, removable means for securing said casing on said base and for maintaining said sealing means in a position providing an air tight chamber, an elastic sleeve having an annular metal reinforce in one end thereof received in an opening in said apparatus, said opening being formed of complemental parts in said base and casing whereby securement of the casing on the base clamps the reinforce in the opening.

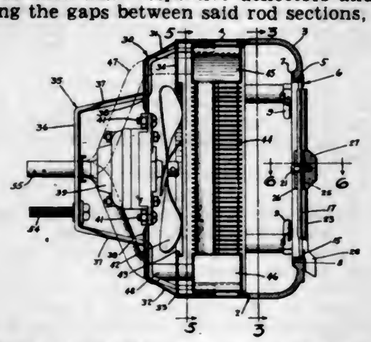
2,134,647
GRASS PLOT FOUNDATION
Ernest L. Savage, Watertown, Mass.
Application October 10, 1936, Serial No. 105,034
1 Claim. (Cl. 47—48)



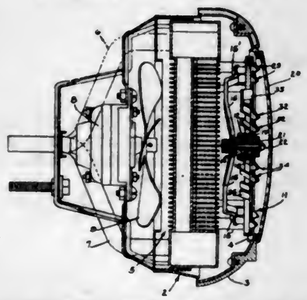
A grass plot foundation formed by a portable one-piece integral tray-like member having imperforate bottom and side walls and having an open unobstructed top and also having relatively thin imperforate ribs rising from the bottom, which ribs extend across the member from one side to the opposite side and having substantially the same vertical dimension as that of the side walls, said tray-like member being embedded in the earth at a point immediately below the roots of the grass and being filled with the earth containing the grass roots, said member providing a barrier against the drainage downwardly of surface water whereby the soil in and above the tray will be kept moist.

2,134,648
AUTOMOBILE HEATER
Carl H. Will and Henry W. Fink, Minneapolis, Minn., assignors to Tropic-Aire, Incorporated, Minneapolis, Minn., a corporation of Delaware
Application August 9, 1935, Serial No. 35,494
6 Claims. (Cl. 98—2)

1. In a heater of the class described, a casing having an opening in a wall thereof for the circulation of heated air, a plurality of rods positioned across said opening and each comprising two sections whose adjacent ends are spaced apart, a plurality of deflectors, means for frictionally securing the deflectors on said rods and whereby they may be rotatively adjusted thereon, said securing means comprising clamping elements and means on the deflectors cooperating with said clamping elements to embrace the adjacent ends of said rod sections, and clamping screws operatively connecting said clamping elements with their respective deflectors and traversing the gaps between said rod sections, thereby to prevent axial movement of the deflectors upon their respective rods.

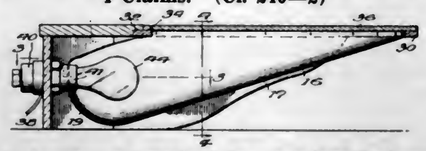


2,134,649
AUTOMOBILE HEATER
Carl H. Will and Henry W. Fink, Minneapolis, Minn., assignors to Tropic-Aire, Incorporated, Minneapolis, Minn., a corporation of Delaware
Application June 8, 1936, Serial No. 84,132
9 Claims. (Cl. 98—40)



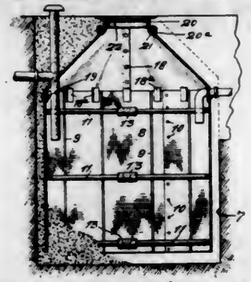
2. In combination with a fan, a rotatable deflector element having marginal driving vanes against which air delivered by the outer portions of the fan blades acts to rotate said element.

2,134,650
REFLECTION SPOTTING BOARD
Colman J. Williams, Pampa, Tex., assignor of two-thirds to Wade Thomason and S. H. Stone, both of Pampa, Tex.
Application April 2, 1937, Serial No. 134,667
4 Claims. (Cl. 240—2)



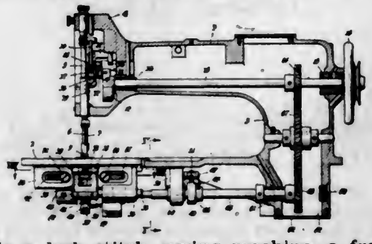
1. A cleaning board of the class described comprising a frame having sides, and an end connecting the sides, a housing, the housing being secured within the said frame, the inner surface of the housing constituting a reflector, and a transparent plate forming a top for the housing, a lamp being disposed in one end of the housing, the said sides of the frame being provided as supports for the transparent plate, the said housing sloping upwardly from a point immediately below the lamp to the end of the transparent plate opposite the said lamp, and the said sides of the frame sloping upwardly adjacent the upwardly sloping portion of the housing so that garments can be disposed around the outer end of the cleaning board, and the rays of light from the lamp being directed upon the entire surface of the upwardly sloping portion of the housing and being reflected upwardly to provide uniform illumination at the surface of the transparent plate.

2,134,651
TANK AND THE LIKE
Theodore Aten, Floral Park, N. Y., assignor to Aten Sewage Disposal Co., Inc., New York, N. Y., a corporation of New York
Application July 18, 1936, Serial No. 91,414
4 Claims. (Cl. 72—13)



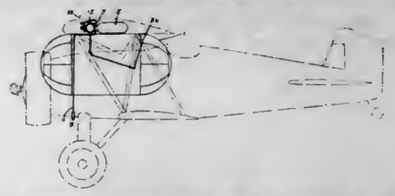
1. A subterranean tank or the like having a concrete wall of an annular contour, a wire mesh reinforcing element embedded therein, annular bracing media associated with the interior of said element in relatively vertically spaced relation, said bracing media comprising rings of non-yieldable material composed of sections, sleeves adapted to embrace the ends of alined sections to form a complete ring thereof, said sections being slidable within said sleeves for relative adjustment to effect diameter variations in a ring and a crown-piece, embodying a manhole, surmounting said element, said crown-piece being composed of a plurality of segments, each segment being formed with a series of radially disposed reinforcing ribs extending from the head of said crown-piece to the base thereof.

2,134,652
LOCKSTITCH SEWING MACHINE
Norman V. Christensen and Oscar Quist, Chicago, Ill., assignors to Union Special Machine Company, Chicago, Ill., a corporation of Illinois
Application December 9, 1935, Serial No. 53,552
18 Claims. (Cl. 112—184)



1. In a lock stitch sewing machine, a frame; a needle; a transmission shaft; a rotary hook having its shaft parallel with the needle and at right angles to the transmission shaft; a journal member affording a lubricant chamber into which both the transmission and rotary hook shafts extend; a gear wheel on the rotary hook shaft within the lubricant chamber, an intermeshing gear wheel also within the lubricant chamber; a sleeve whereon the last mentioned gear wheel is mounted surrounding the transmission shaft and extending to the exterior of said chamber; securing means externally of the lubricant chamber whereby the sleeve is secured to the transmission shaft with capacity for circumferential adjustment to change the timing of the rotary hook.

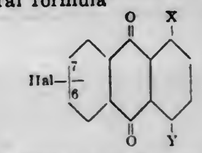
2,134,653
AIRPLANE FLOTATION DEVICE
Valentine J. Hill, Jr., Bloomfield, and Henry Ernest Heigis, West Orange, N. J., assignors to Walter Kidde & Company, Inc., Bloomfield, N. J., a corporation of New York
Application June 4, 1935, Serial No. 24,804
4 Claims. (Cl. 244—107)



1. In combination with an airplane structure, an airplane flotation equipment including a valve, a closed air chamber in said valve, fluid operated means in said chamber forming a wall thereof and adapted to actuate said valve, and a vent for said chamber, said vent terminating at a point near the central horizontal axis of the airplane structure.

2,134,654
COMPOUNDS OF THE ANTHRAQUINONE SERIES
Ralph N. Lulek, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application December 22, 1937, Serial No. 181,163
3 Claims. (Cl. 260—380)

1. Compounds of the anthraquinone series having the general formula

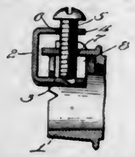


wherein X represents a substituent of the group consisting of NH_2 and NH-alkyl, Y stands for a substituent of the class consisting of NH_2 and OH, and Hal stands for a halogen of the group consisting of chlorine and bromine which is attached to one of the positions 6 and 7.

2,134,655
CABLE CONNECTER
Nils A. Tornblom, Chicago, Ill., assignor to Appleton Electric Company, a corporation of Illinois
Application April 29, 1937, Serial No. 139,658
2 Claims. (Cl. 285—6.5)

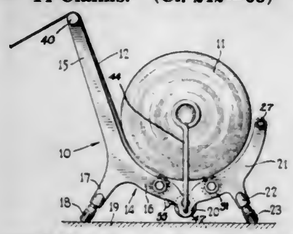
1. A connecter comprising a sleeve, a U-shaped

clamp having one arm within the sleeve and the other arm on the exterior of the sleeve with a wall of the sleeve located between the arms, the outer arm of the clamp having a hole therein, a screw passing freely through said hole and



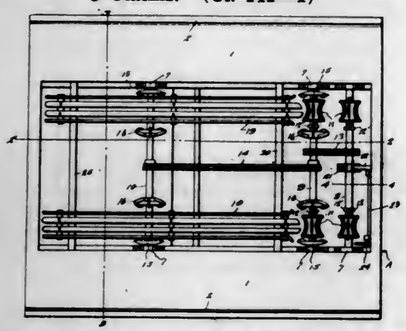
through and in screw-threaded relation to said wall for engagement with the inner arm of the clamp, said wall having a second hole therein, and a finger parallel to the screw fixed to the said inner arm and extending through said second hole.

2,134,656
CLOTH UNWINDER
Maximilian Breth, Ozone Park, N. Y.
Application October 22, 1937, Serial No. 170,369
14 Claims. (Cl. 242—68)



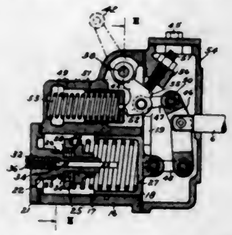
1. An unwinder for a roll of flexible sheet material, comprising a support, a pair of parallel, horizontal, aligned rollers on said support, and extensible means on said support serving as stops for the ends of a roll supported by said rollers, a horizontal rod on said support and above the level of said rollers, said rod having extensions beyond said rollers on both sides.

2,134,657
MOTOR VEHICLE CHASSIS WASHER
Park C. Butler, Nevada, Mo.
Application August 27, 1937, Serial No. 161,334
5 Claims. (Cl. 141—1)



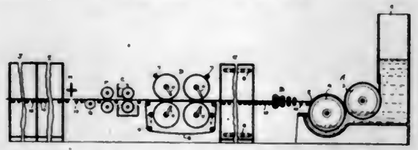
1. In a motor vehicle washing device, a pit adapted to contain water, a pair of transversely extending shafts rotatably supported in the pit, rollers on the shafts for receiving the rear wheels of the vehicle, runways for the front wheels of the vehicle extended from a point adjacent the rear roller carrying shaft to the rear of the pit and receiving the front wheels after the same have passed over the rollers, means for connecting the shafts together whereby movement of one shaft will be communicated to the other shaft, ratchet means for preventing movement of one shaft by forward movement of the vehicle wheels over the rollers, a third shaft extending across an intermediate part of the pit and supported for rotary movement, paddles carried by the third shaft and means for rotating the third shaft by one of the other shafts.

2,134,658
VACUUM CONTROL FOR INTERNAL COMBUSTION ENGINES
Walter G. Charley, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware
Application May 20, 1936, Serial No. 80,666
11 Claims. (Cl. 123—140)



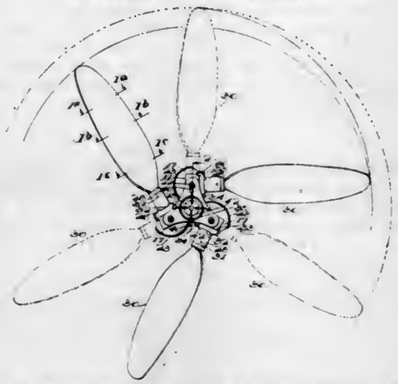
1. In a combination comprising a fuel injection pumping unit for internal combustion engines having a reciprocable pump control element operative to vary the quantity of fuel delivered, a means comprising a reciprocable member movable parallel to said element, connections for rendering said member responsive to changes in vacuum in the intake manifold, and means connecting said control element and member, a fulcrum biased to a predetermined position for maintaining said connecting means operatively associated with said control element and member so that the resulting movement of the element is always materially less than the movement of the member and the force exerted by said member to cause said movement is applied axially to said element.

2,134,659
SYNTHETIC FIBROUS PRODUCT AND PROCESS OF MAKING THE SAME
George H. Ellis, St. Paul, Minn., assignor to The Insulite Company, Minneapolis, Minn., a corporation of Minnesota
Application January 13, 1934, Serial No. 706,556
11 Claims. (Cl. 92—21)



1. A method of producing synthetic bodies which comprises forming a sheet from vegetable fibrous pulp stock passing the sheet through heating means to raise the temperature of the sheet without substantially decreasing the amount of water in the sheet, compacting the sheet into a homogeneous body by means of heated pressing rolls, and transversely severing the sheet.

2,134,660
ADJUSTABLE PROPELLER
Walter W. Everts, Baltimore, Md., assignor to Everel Products Corporation, Baltimore, Md., a corporation of Maryland
Application August 25, 1936, Serial No. 97,865
Renewed May 14, 1938
6 Claims. (Cl. 170—164)



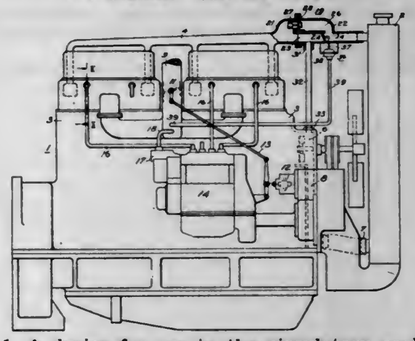
1. A propeller for aircrafts, comprising a hub, a blade swingingly mounted upon the hub at a point outwardly of the axis of rotation of the hub so that the blade can swing upon its pivot in the plane of rotation of the hub, a drive shaft constituting the axis of rotation of the hub and adapted to turn with relation to the hub, a gear rigidly secured to the inner end of the blade, and a gear carried by the drive shaft and engaging the first named gear.

2,134,661
VARIABLE PITCH PROPELLER
Walter W. Everts, Baltimore, Md., assignor to Everel Propeller Corporation, Baltimore, Md., a corporation of Maryland
Application January 6, 1938, Serial No. 183,702
4 Claims. (Cl. 170—164)



1. A propeller for aeroplanes and other vehicles, comprising a rotary driving element, a blade having its longitudinal axis arranged generally radially of the rotary driving element, said blade having unbalanced leading and trailing surfaces so that the resistance of the air due to the rotation of the blade will tend to move the blade about its longitudinal axis to reduce its pitch, pivot means mounting the blade upon the rotary driving element, the pivot means having a turning axis disposed in a plane at substantially a right angle to the axis of rotation of the rotary driving element and arranged diagonally with relation to the longitudinal axis of the propeller blade, the propeller blade being free within limits to swing laterally upon the diagonal turning axis due to the action of centrifugal force for increasing the pitch of the blade, and stop means to positively limit the lateral swinging movement of the propeller blade upon the diagonal axis beyond such limits.

2,134,662
MEANS FOR CONTROLLING THE COOLING SYSTEM OF INTERNAL COMBUSTION ENGINES
Joseph Flamm, West Allis, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware
Application August 12, 1936, Serial No. 95,661
7 Claims. (Cl. 123—178)



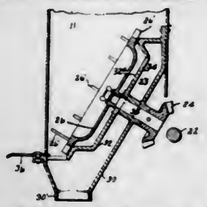
1. A device for use in the circulatory cooling system of an internal combustion engine comprising a unitary member having a main passage, means providing connections for placing one end portion of said passage in communication with the cooling fluid chamber of an engine and the other end portion in communication with a radiator, a valve in said main passage operable when the engine is running and irrespective of the temperature of the cooling fluid to vary the quantity of the fluid passing therethrough in accordance with changes in engine load, a secondary passage by-passing said valve and communicating with said main passage at points intermediate the said end portions and a thermostatic valve in said by-pass operable to open only when the temperature of the fluid approaches a value consistent with satisfactory no load operation.

2,134,663
WITHDRAWN

2,134,664
PLANTER
Daniel C. Heitshu, Racine, Wis., assignor to J. I. Case Company, Racine, Wis., a corporation
Original application July 27, 1935, Serial No. 33,451. Divided and this application February 24, 1936, Serial No. 65,216
3 Claims. (Cl. 221—118)

1. In a planter, the combination of a frame, a receptacle on the frame, an inclined wall forming part of the receptacle, a seat mounted on

and spaced from the wall to form a conduit for conducting seed to a point of discharge, a bearing connecting the wall and seat, a shaft in the bearing having a gear at its outer end, a seed dropping device on the shaft and rotatable with-

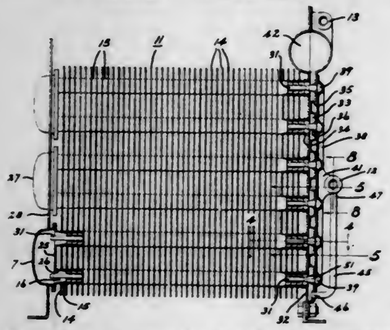


in the seat, a driving shaft on the frame having a gear thereon engaging the gear on the first mentioned shaft, and means for rotating said driving shaft to actuate the seed dropping device to expel material from the receptacle.

2,134,665
REFRIGERATING APPARATUS

John Karmazin, Huntington, Ind., assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application September 30, 1936, Serial No. 103,277
7 Claims. (Cl. 62—126)



1. A cooling element for a refrigerating system comprising in combination, a plurality of metal fin members each having a tube portion extending therefrom, said fin members being superimposed one upon the other with the tube portions thereof telescoped and secured together to provide a closed refrigerant passage extending through the element, a pipe disposed within said refrigerant passage, said pipe having a crevice in its top surface and extending substantially throughout the length of the pipe, means formed integral with the tube portions of said fin members for supporting said pipe in spaced relation to the walls of said refrigerant passage, and said means cooperating with the crevice in said pipe to provide a plurality of spaced apart openings throughout the length of said pipe for discharging liquid refrigerant into said refrigerant passage at a plurality of spaced points.

2,134,666
BRUSHLESS SHAVING CREAM

Wolf Kritchevsky, Chicago, Ill., assignor to Rit Products Corporation, Chicago, Ill., a corporation of Illinois

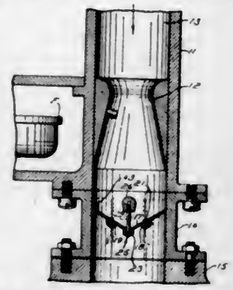
No Drawing. Application February 9, 1935, Serial No. 5,860
14 Claims. (Cl. 167—85)

1. A brushless shaving cream comprising a plastic emulsion of oleaginous and aqueous materials and having included therein a proportion of a chemical compound having oleophilic and hydrophilic groups in the molecule, said chemical compound being of a class consisting of fatty acid amides having at least eight carbon atoms wherein the hydrocarbon chain may be substituted by a group of a class consisting of hydroxy, sulphonic and phosphonic acid groups or may be esterified with sulphuric or phosphoric acid, and wherein the hydrogen of the amido group may be substituted with an acyl, alkyl, alkylol or alkylene group, the oxy, hydroxy, sulphonic or phosphonic acid substitution products thereof or the sulphuric or phosphoric acid esters, the amide as a whole having at least one oxygenated inorganic acid radical.

2,134,667
CARBURETOR

William E. Leibing, Detroit, Mich., assignor to Leibing Automotive Devices, Incorporated, Detroit, Mich., a corporaton of Nevada

Application November 6, 1936, Serial No. 109,607
21 Claims. (Cl. 261—41)



1. In a carburetor, a conduit; a venturi in said conduit; a main fuel jet in said venturi; a throttle in said conduit downstream of said main jet comprising two blades, pivoted on axes spaced from the conduit walls, and spaced from one another when in open position, each of a size to close approximately one-half of said conduit and arranged to engage along a line passing through the center of said conduit whereby closing of said conduit along three lines is accomplished, said blades being inclined toward one another and toward the axis of said conduit in a direction with the fluid flow; and an idling jet to introduce fuel at a point along said central line of closure, the inner edges of said blades being recessed to form an opening for said idling jet.

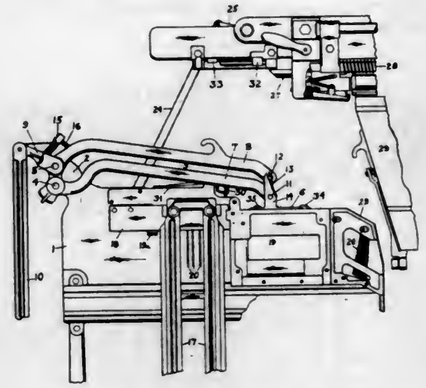
8. The combination claimed in claim 7 wherein means is provided to close said fuel supply line when said throttle is in closed position and the vacuum in the intake manifold is greater than predetermined normal idling vacuum comprising a pressure responsive device connected to said passage through a conduit having an orifice at a point immediately adjacent an edge of said throttle when in closed position whereby when said throttle is in closed position, said orifice is subject to the vacuum on the engine side of the throttle, and when said throttle is cracked open a very slight amount, said orifice is subject to a higher pressure by reason of the pressure existing on the upstream side of said throttle.

2,134,668
SECOND ELEVATOR FOR TYPOGRAPHICAL MACHINES

Clay E. Murray, Davenport, Iowa, assignor to Linograph Corporation, Davenport, Iowa, a corporation of Delaware

Application August 16, 1937, Serial No. 159,334
12 Claims. (Cl. 199—37)

1. In a typographical machine, a support, a matrix elevator pivotally mounted thereon, said elevator comprising a head and a compound head-lifting arm, said arm comprising a pair of individually pivoted arms mounted on said support for united or separate swinging motion in a substantially vertical plane, said head having fingers projecting therefrom and pivotally connected to the free ends of said individually pivoted arms,

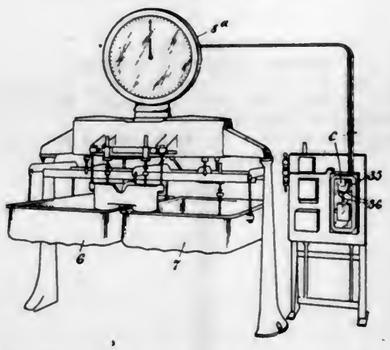


the upper one of said pair of arms having a crank arm whereby force may be applied to it to cause it to turn about its pivotal connection to the support, the pivotal connection of the upper arm to said fingers being such as to normally cause the head to swing with said upper arm but such as will permit the head and arm to separate if the head becomes locked in any manner and unable to swing with the arm.

2,134,669
AUTOMATIC APPARATUS FOR WEIGHING MATERIAL FLOWING IN A CONTINUOUS STREAM

Alfred Ernest Page, Birmingham, England, assignor to W. & T. Avery Limited, Birmingham, England

Application February 26, 1937, Serial No. 127,902
In Great Britain March 5, 1936
5 Claims. (Cl. 249—26)



1. An automatic weighing apparatus for weighing materials flowing in a continuous stream embodying in combination a single weighing mechanism, a pair of weighing vessels common to and suspended from said weighing mechanism and adapted for alternate filling and discharging operations, valve controlled outlets from said weighing vessels, a supply means, common to both weighing vessels, a pneumatically operated means for controlling the said supply means and which is associated also with the valve controlled outlets, a cam mechanism, a single electrical means controlled by the weighing mechanism and which is brought into operation at the completion of each weighing operation and caused to effect a step rotation of the cam mechanism, and valve gear actuated by said cam mechanism for controlling the pneumatically operated means and which at each operation thereof causes the outlet of the filled weighing vessel to be opened pneumatically and the supply means to be diverted likewise to the complementary weighing vessel.

2,134,670
CORROSION RESISTING FERROUS ALLOYS

James A. Parsons, Jr., Dayton, Ohio, assignor to The Duriron Company, Inc., Dayton, Ohio, a corporation of New York

No Drawing. Original application December 28, 1935, Serial No. 56,586. Divided and this application September 20, 1938, Serial No. 230,889
6 Claims. (Cl. 75—125)

1. An alloy comprising the following elements in proportions falling within ranges of percentages substantially as follows:

	Per cent
Nickel	20.00 to 23.00
Chromium	17.00 to 22.00
Silicon	0.50 to 2.00
Copper	0.50 to 3.00
Molybdenum	2.00 to 4.00
Carbon	up to 0.12

substantially all the balance to make 100 per cent being iron, which is never less than 45 per cent, molybdenum always being in excess of silicon and the sum of molybdenum and silicon never exceeding 5 per cent, nickel always being in excess of chromium, said alloy being corrosion resistant and possessing good hot working properties, a standard test specimen of said alloy being capable of withstanding a 90° cold bend without failure.

2,134,671
PLASTIC PACKING WITH BRAIDED ASBESTOS JACKET

Frank E. Payne, Glencoe, Ill., assignor to Crane Packing Company, Chicago, Ill., a corporation of Illinois

Application December 10, 1936, Serial No. 115,253
3 Claims. (Cl. 28—1)

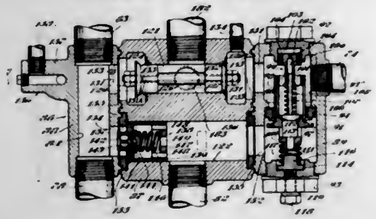


1. The process of manufacturing packing comprising, extruding a plastic mixture of graphite, asbestos fiber and unvulcanized rubber, braiding a light retaining jacket over the extruded core to maintain its shape during subsequent operations, thereafter braiding a heavier jacket of asbestos fibers over said core, shaping the product thus formed to obtain the desired cross section and to squeeze some of the core through the interstices of the jacket and thereafter vulcanizing the product thus produced, whereby said jacket is vulcanized to said core and a resilient product is provided.

2,134,672
PYRIDINE DERIVATIVES OF BARBITURIC ACIDS
Curt Raeth, Radebeul, near Dresden, and Rudolf Gebauer, Dresden, Germany, assignors to Chemische Fabrik von Heyden, A. G., Radebeul, Germany, a corporation of Germany
No Drawing. Application March 30, 1934, Serial No. 718,204. In Germany March 31, 1933
7 Claims. (Cl. 260—258)

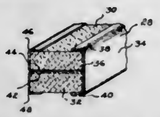
4. As novel compositions of matter, molecular compounds of substitution products of pyridine, prepared by the reaction between a C,C-disubstituted barbituric acid selected from the group of the dialkyl-, mononuclear-aryl-alkyl- and piperidino-alkyl-barbituric acids and a pyridine.

2,134,673
HYDRAULIC APPARATUS
George J. Russell, Waltham, Mass., assignor of one-half to Everett S. Emery, Lexington, Mass.
Application March 5, 1930, Serial No. 433,491
3 Claims. (Cl. 60—52)



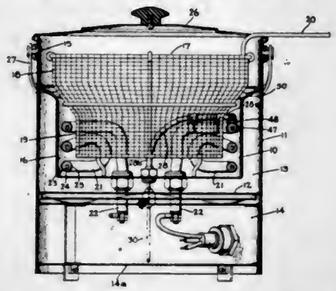
2. The combination with a power cylinder and a reversible flow pump for supplying pressure fluid to the cylinder, of a control unit comprising a body, means providing separate passages from opposite sides of the pump through said body to opposite ends of the cylinder, said body having a passage means connecting said separate passages, a shuttle valve for controlling the flow through said passage means for closing one of said separate pasages between the pump and the passage means, and pressure-responsive means carried by the shuttle valve for bleeding fluid from the passage means to said separate passage.

2,134,674
COMPOSITE STRUCTURAL MEMBER
Jacob D. Sherman, Clair S. Reed, and Otis C. Currie, Jackson, Mich., assignors to Reynolds Spring Company, Jackson, Mich., a corporation of Delaware
Application March 9, 1936, Serial No. 67,924
2 Claims. (Cl. 189—40)



2. A light weight relatively rigid structural member for the fabrication of frames of vehicle seats, furniture and the like, comprising a plurality of elongated strips of preformed tack receiving material, an elongated strip of relatively light gauge sheet metal, said metal strip being formed so as to provide a pair of channels with restricted openings defined by longitudinal edge portions of said channels constituting flanges, the web of each of said channels being formed from a different section of said metal strip, one flange of each channel being formed from a common portion of said metal strip folded upon itself to form a flange, said strips of tack receiving material being disposed in said channels and held against removal by said flanges, a portion of the surface of said strips of tack receiving material being exposed between said longitudinal edge portions, the common portion of said metal strip functioning to unite said channels into a unitary structure.

2,134,675
FRYING APPARATUS
Jacob L. Shroyer, Oak Park, Ill., assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill., a corporation of New York
Application June 16, 1936, Serial No. 85,497
9 Claims. (Cl. 219—43)



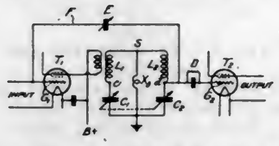
1. Frying apparatus comprising a kettle adapted to contain a frying medium, heating means for said frying medium to establish a high temperature frying region in the upper portion of said kettle and a relatively cooler region below it, and control means for said heating means including a thermostatic element responsive to the temperatures of said frying medium at the upper frying region and also to those at the lower cooler region to control said heating means in accordance with the average temperature of the frying medium in said regions, and means for applying heat directly to the portion of the thermostatic element at the upper frying region when the frying medium falls below said region to compensate for the loss of heat to the thermostatic element due to the falling frying level.

2,134,676
EDGE BUFFING WHEEL
Louis G. Sommers, Jennings, Mo., assignor to The Lustre Company, St. Louis, Mo., a corporation of Missouri
Application October 25, 1937, Serial No. 170,719
5 Claims. (Cl. 51—193)



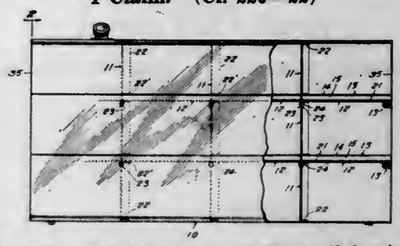
2. In a buffing wheel having a peripheral work face, a plurality of layers of woven cloth, and a plurality of layers of coarser woven cloth of stiffer fibers interposed between said first layers.

2,134,677
BAND CARRIER SELECTOR SYSTEM
Frederick K. Vreeland, Montclair, N. J.
Application August 14, 1935, Serial No. 36,072
12 Claims. (Cl. 250—20)



1. In a receiver of modulated signal waves, a band selective unit responsive to a band of frequencies of said waves in which the phase relations vary with the frequency, amplifying means operatively connected to said band selective unit, a regenerative feed-back for the amplifying means derived from a point in said unit whose phase relation at one of the frequencies within the band of response is suitable for causing regeneration at said frequency, connections whereby the feed-back cooperates with the amplifying means to select the said frequency automatically and produce super-amplification at said frequency that is large compared with the response at other frequencies within the band of response, and means for causing the selected frequency of regeneration to coincide with the carrier frequency of the modulated signal wave.

2,134,678
LIQUID TANK
Jacob Billig and Philip J. Billig, Bronx, N. Y., assignors to Breeze Corporation, Inc., Newark, N. J., a corporation
Application May 4, 1935, Serial No. 19,844
1 Claim. (Cl. 220—22)



A tank comprising a metallic shell having a plurality of horizontally arranged re-inforcing and holding elements crimped in its walls by bending the metal inwardly, rounding the crimp and bending the same back on itself to leave hooks formed of a double layer of metal, horizontally arranged metal partitions disposed in the shell and provided with hooked edges formed by bending the metal to conform to the said hooks and to leave two layers of metal disposed in engagement with the said hooks and a closure at each end of the shell.

DESIGNS

OCTOBER 25, 1938

111,845
DESIGN FOR A SLIPPER
Israel Berman, New York, N. Y.
Application September 14, 1938, Serial No. 79,876
Term of patent 3½ years





The ornamental design for a slipper, substantially as shown.

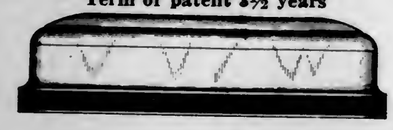
111,846
DESIGN FOR A CASKET
Alfred R. Christian, Chicago, Ill.
Application June 27, 1938, Serial No. 78,093
Term of patent 3½ years





The ornamental design for a casket, as shown.

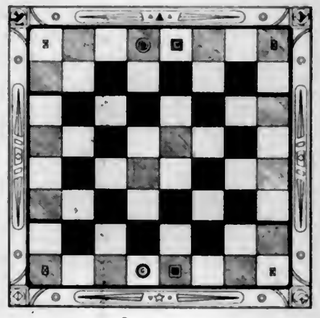
111,847
DESIGN FOR A CASKET SHELL
Alfred R. Christian, Chicago, Ill.
Original design application June 27, 1938, Serial No. 78,093. Divided and this application August 12, 1938, Serial No. 79,288
Term of patent 3½ years





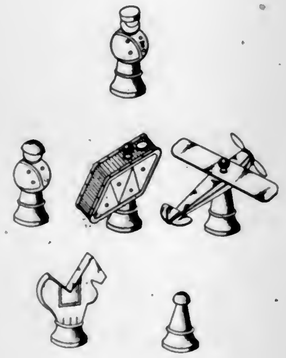
The ornamental design for a casket shell, as shown.

111,848
DESIGN FOR A CHESSBOARD OR SIMILAR ARTICLE
Richard W. Danon, Chicago, Ill.
Application December 23, 1936, Serial No. 66,703
Term of patent 3½ years



The ornamental design for a chessboard or similar article, substantially as shown.

111,849
DESIGN FOR CHESSMEN OR SIMILAR ARTICLES
Richard W. Danon, Chicago, Ill.
Application March 7, 1938, Serial No. 75,646
Term of patent 7 years



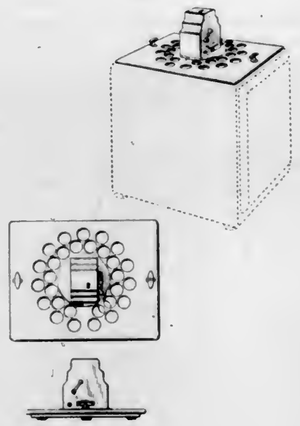
The ornamental design for chessmen or similar articles, substantially as shown and described.

111,850
DESIGN FOR A CHAIR
Donald Deskey, New York, N. Y., assignor to Royal Metal Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application July 29, 1938, Serial No. 78,947
Term of patent 7 years



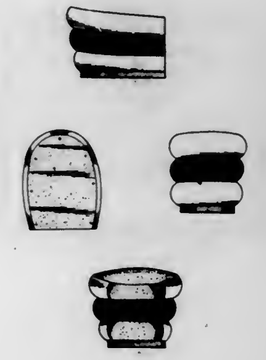
The ornamental design for a chair, as shown.

111,851
DESIGN FOR A BOTTLE VENDING MACHINE
Joseph E. Hagstrom, Kansas City, Mo., assignor to The Vendo Company, Kansas City, Mo., a corporation
Application May 7, 1938, Serial No. 77,047
Term of patent 14 years



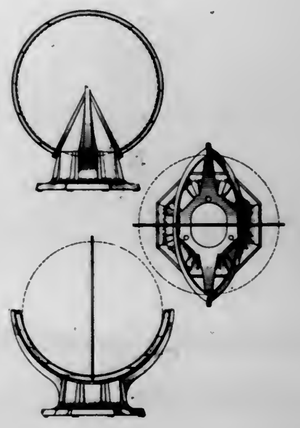
The ornamental design for a bottle vending machine, as shown.

111,852
DESIGN FOR A HEEL
Alphons Hurzeler, New Rochelle, N. Y.
Application September 8, 1938, Serial No. 79,770
Term of patent 3½ years



The ornamental design for a heel, substantially as shown.

111,853
DESIGN FOR A COMBINED GLOBE AND STAND
William E. Johnson, Chicago, Ill., assignor to Rand McNally & Company, a corporation of Illinois
Aplication July 15, 1938, Serial No. 78,519
Term of patent 14 years



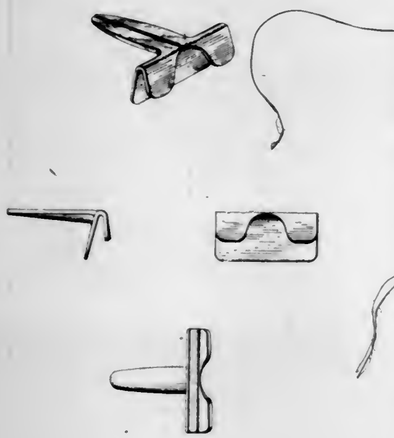
The ornamental design for a combined globe and stand, as shown and described.

111,854
DESIGN FOR A SUSPENDER LOOP
Oscar E. Kratz Kansas City, Mo., assignor to H. D. Lee Mercantile Company, Kansas City, Mo., a corporation
Application August 8, 1938, Serial No. 79,192
Term of patent 14 years



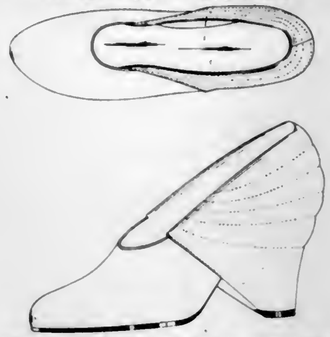
The ornamental design for a suspender loop, as shown and described.

111,855
DESIGN FOR A DIRECTION INDICATOR ATTACHMENT FOR A GOLF CLUB
Frank Moreno, Detroit, Mich.
Application July 22, 1938, Serial No. 78,657
Term of patent 7 years



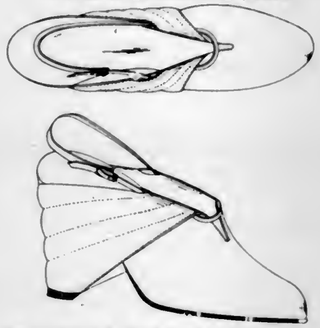
The ornamental design for a direction indicator attachment for a golf club, as shown.

111,856
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Andre Perugia, Paris, France
Application September 8, 1938, Serial No. 79,779
Term of patent 3½ years



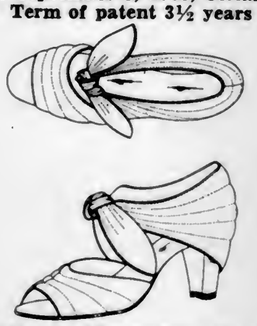
The ornamental design for a shoe or similar article, as shown.

111,857
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Andre Perugia, Paris, France
Application September 8, 1938, Serial No. 79,780
Term of patent 3½ years



The ornamental design for a shoe or similar article, as shown.

111,858
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Andre Perugia, Paris, France
Application September 8, 1938, Serial No. 79,781
Term of patent 3½ years



The ornamental design for a shoe or similar article, as shown.

111,859
DESIGN FOR A TIRE
Roy C. Peterson, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application April 7, 1938, Serial No. 76,348
Term of patent 14 years



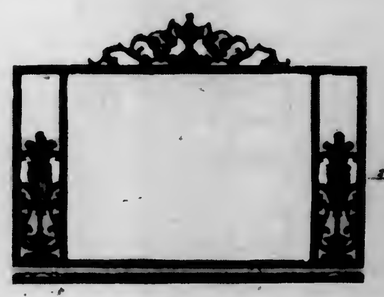
The ornamental design for a tire, as shown and described.

111,860
DESIGN FOR A COMBINED WORK BENCH AND TOOL CABINET
Theodore O. Rueb, Chicago, Ill., assignor to The Sherman-Klove Co., Chicago, Ill., a corporation of Delaware
Application February 28, 1938, Serial No. 75,478
Term of patent 3½ years



The ornamental design for a combined work bench and tool cabinet, as shown.

111,861
DESIGN FOR A MIRROR FRAME
Harry Sabel, New York, N. Y.
Application April 15, 1938, Serial No. 76,522
Term of patent 3½ years

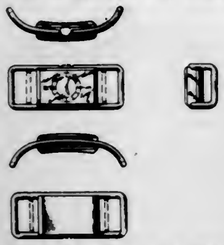


The ornamental design for a mirror frame, substantially as shown.

111,862
DESIGN FOR A CASKET
Carl Schwendler, Winfield, Long Island, N. Y., assignor to National Casket Co. Inc., Long Island City, N. Y.
Application August 2, 1938, Serial No. 79,031
Term of patent 7 years

The ornamental design for a casket, substantially as shown.

111,863
DESIGN FOR A WATCHCASE
Albert V. Stegeman, Jr., Fort Thomas, Ky., assignor to The Wadsworth Watch Case Company, Dayton, Ky., a corporation of Kentucky
Application June 16, 1938, Serial No. 77,888
Term of patent 3½ years



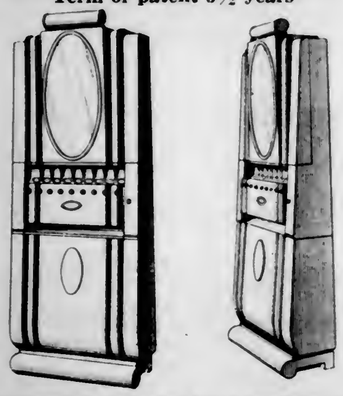
The ornamental design for a watchcase, substantially as shown.

111,864
DESIGN FOR A WATCHCASE
Albert V. Stegeman, Jr., Fort Thomas, Ky., assignor to The Wadsworth Watch Case Company, Dayton, Ky., a corporation of Kentucky
Application August 15, 1938, Serial No. 79,347
Term of patent 7 years



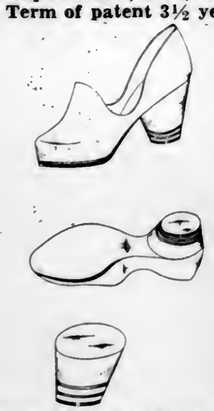
The ornamental design for a watchcase, substantially as shown.

111,865
DESIGN FOR A VENDING MACHINE CASING OR THE LIKE
John Tavis, New York, N. Y., assignor to Stewart and McGuire, Incorporated, New York, N. Y., a corporation of New York
Application August 18, 1938, Serial No. 79,429
Term of patent 3½ years



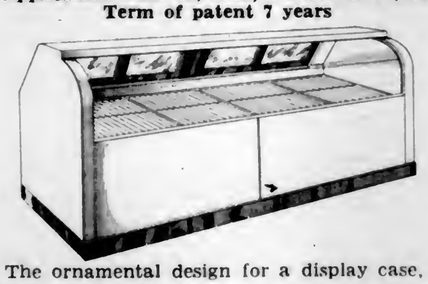
The ornamental design for a vending machine casing or the like, as shown.

111,866
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Seymour Troy, New York, N. Y.
Application September 1, 1938, Serial No. 79,669
Term of patent 3½ years



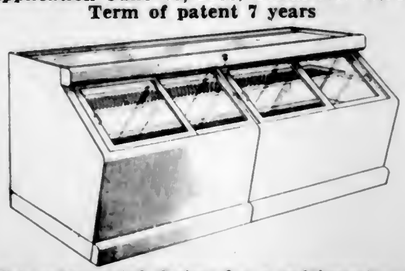
The ornamental design for a shoe or similar article, substantially as shown.

111,867
DESIGN FOR A DISPLAY CASE
Jerry Tyler, Niles, Mich., assignor to Tyler Fixture Corporation, Niles, Mich., a corporation of Michigan
Application June 15, 1938, Serial No. 77,851
Term of patent 7 years



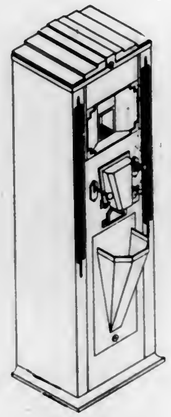
The ornamental design for a display case, as shown and described.

111,868
DESIGN FOR A REFRIGERATOR DISPLAY CASE
Jerry Tyler, Niles, Mich., assignor to Tyler Fixture Corporation, Niles, Mich., a corporation of Michigan
Application June 20, 1938, Serial No. 77,941
Term of patent 7 years



The ornamental design for a refrigerator display case, as shown and described.

111,869
DESIGN FOR A CORN POPPING MACHINE
Irven H. Wilsey, Chicago, Ill.
Application February 18, 1938, Serial No. 75,224
Term of patent 7 years



The ornamental design for a corn popping machine, as shown.

111,870
DESIGN FOR A PIPE BENDING TOOL
John D. Benfield, Detroit, Mich.
Application June 15, 1938, Serial No. 77,846
Term of patent 3½ years



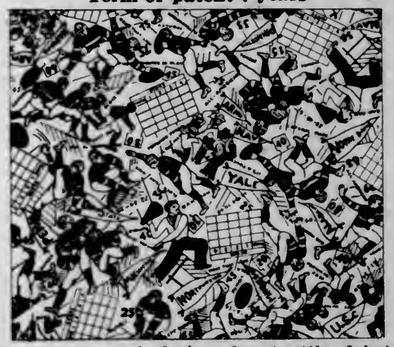
The ornamental design for a pipe bending tool, as shown.

111,871
DESIGN FOR AN EMBROIDERED FABRIC
Irene Blumenthal, New York, N. Y.
Application August 24, 1938, Serial No. 79,532
Term of patent 3½ years



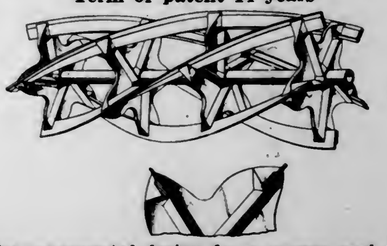
The ornamental design for an embroidered fabric, substantially as shown.

111,872
DESIGN FOR TEXTILE FABRIC OR SIMILAR ARTICLE
Robert P. Cable, Dorchester, Mass.
Application July 23, 1938, Serial No. 78,680
Term of patent 7 years



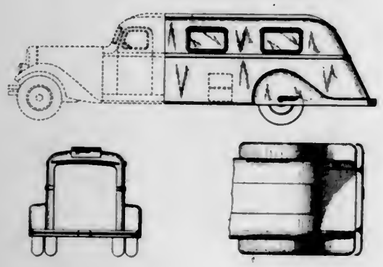
The ornamental design for textile fabric or similar article, as shown.

111,873
DESIGN FOR A MOWER REEL
Richard D. Clemson, Middletown, N. Y., assignor to Clemson Bros., Inc., Middletown, N. Y., a corporation of New York
Application August 19, 1938, Serial No. 79,452
Term of patent 14 years



The ornamental design for a mower reel, substantially as shown.

111,874
DESIGN FOR A FIRE TRUCK OR SIMILAR ARTICLE
John F. Frazier, Detroit, Mich., assignor to Gar Wood Industries, Inc., Detroit, Mich., a corporation of Michigan
Application March 10, 1937, Serial No. 68,092
Term of patent 7 years



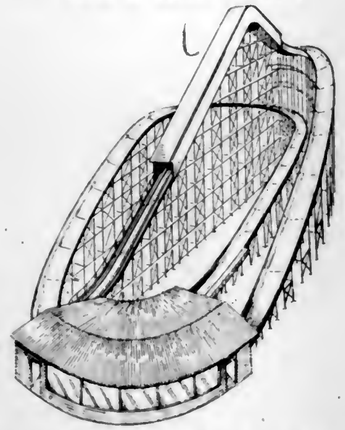
The ornamental design for a fire truck or similar article, substantially as shown and described.

111,875
DESIGN FOR A FONT OF TYPE
Otto C. Goehring, Elmhurst, N. Y.
Application August 31, 1938, Serial No. 79,660
Term of patent 7 years



The ornamental design for a font of type, as shown and described.

111,876
DESIGN FOR A COASTER SLIDE
Horace W. Hanna, New York, N. Y., assignor of one-half to Kathie Malik, New York, N. Y.
Application January 17, 1938, Serial No. 74,375
Term of patent 14 years



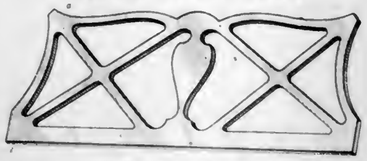
The ornamental design for a coaster slide, as shown.

111,877
DESIGN FOR A PIANO
Henry R. Heller, New York, N. Y., assignor to Winter & Co., New York, N. Y., a corporation of New York
Application February 19, 1938, Serial No. 75,280
Term of patent 7 years



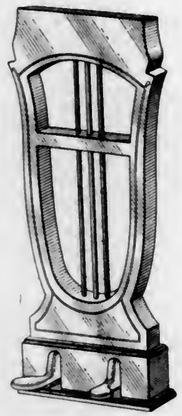
The ornamental design for a piano, as shown.

111,878
DESIGN FOR A PIANO MUSIC RACK
Henry R. Heller, New York, N. Y., assignor to Winter & Co., New York, N. Y., a corporation of New York
Application February 28, 1938, Serial No. 75,465
Term of patent 7 years



The ornamental design for a piano music rack, as shown.

111,879
DESIGN FOR A LYRE FOR A PIANO
Henry R. Heller, New York, N. Y., assignor to Winter & Co., New York, N. Y., a corporation of New York
Application March 19, 1938, Serial No. 75,954
Term of patent 7 years



The ornamental design for a lyre for a piano, as shown.

111,880
DESIGN FOR A LYRE FOR A PIANO
Henry R. Heller, New York, N. Y., assignor to Winter & Co., New York, N. Y., a corporation of New York
Application March 19, 1938, Serial No. 75,955
Term of patent 7 years



The ornamental design for a lyre for a piano, as shown.

111,881
DESIGN FOR A GEAR SHIFT BALL
Frank M. Hoover, Youngstown, Ohio
Application December 22, 1937, Serial No. 73,803
Term of patent 7 years



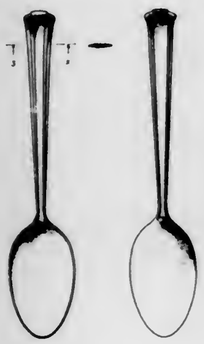
The ornamental design for a gear shift ball, substantially as shown.

111,882
DESIGN FOR A LAMP
Samuel W. Rapp, Jr., Morton, Ill.
Application June 6, 1938, Serial No. 77,623
Term of patent 7 years



The ornamental design for a lamp, as shown.

111,883
DESIGN FOR A SPOON OR SIMILAR ARTICLE
George L. Turner, Taunton, Mass., assignor to Reed & Barton, Taunton, Mass., a corporation of Massachusetts
Application January 12, 1938, Serial No. 74,251
Term of patent 14 years



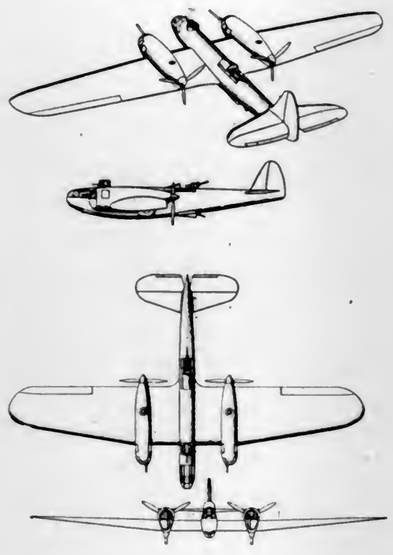
The ornamental design for a spoon or similar article, as shown and described.

111,884
DESIGN FOR A VEHICLE LICENSE PLATE
Josh F. Williams, Lexington, Miss., assignor of one-third to W. R. Ellis and J. W. Latham, Lexington, Miss.
Application August 15, 1938, Serial No. 79,358
Term of patent 3½ years



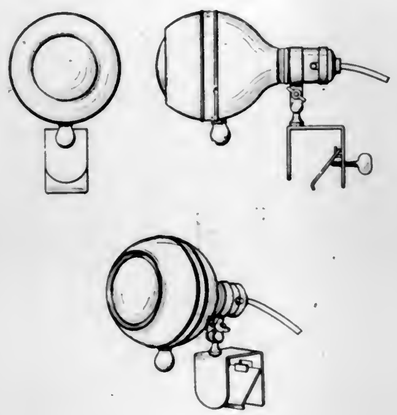
The ornamental design for a vehicle license plate, as shown.

111,885
DESIGN FOR AN AIRPLANE
Robert J. Woods, Buffalo, N. Y.
Application April 22, 1937, Serial No. 68,934
Term of patent 14 years



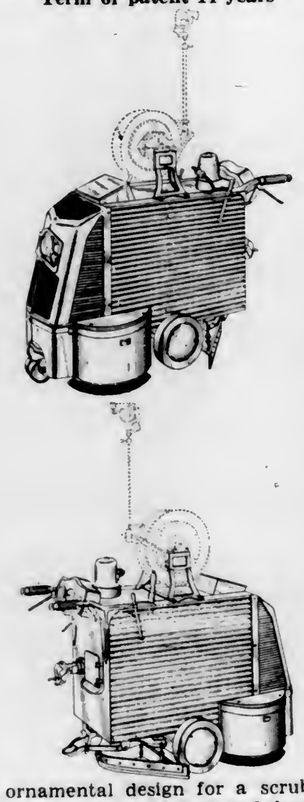
The ornamental design for an airplane, substantially as shown and described.

111,886
DESIGN FOR A COMBINED LAMP AND SUPPORTING BRACKET
Samuel J. Zagel, Chicago, Ill.
Application July 2, 1938, Serial No. 78,236
Term of patent 7 years



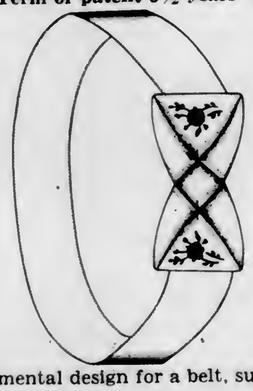
The ornamental design for a combined lamp and supporting bracket, as shown.

111,887
DESIGN FOR A SCRUBBING MACHINE
John A. Backlund, Chicago, Ill., assignor to Lincoln-Schlueter Floor Machinery Company, Inc., Chicago, Ill., a corporation of Illinois
Application May 20, 1938, Serial No. 77,293
Term of patent 14 years



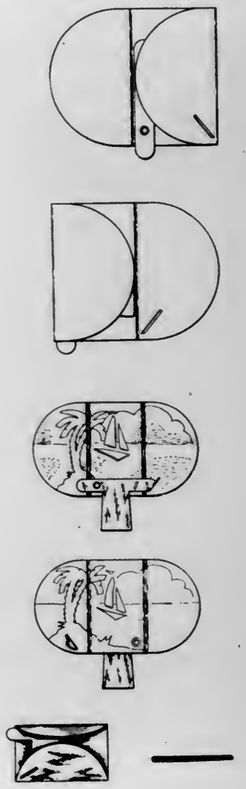
The ornamental design for a scrubbing machine, substantially as shown and described.

111,888
DESIGN FOR A BELT
Jacob Lewis Bibula, New York, N. Y.
Application September 16, 1938, Serial No. 79,925
Term of patent 3½ years



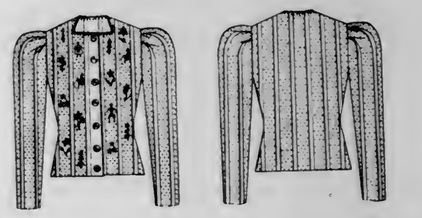
The ornamental design for a belt, substantially as shown.

111,889
DESIGN FOR AN ADVERTISING DEVICE
Anthony John Bittson, New York, N. Y.
Application August 8, 1938, Serial No. 79,176
Term of patent 7 years



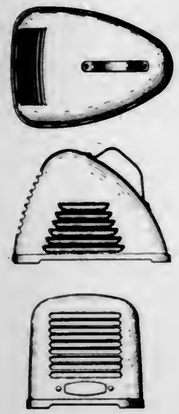
The ornamental design for an advertising device, substantially as shown.

111,890
DESIGN FOR A SWEATER
Hans Boepple, New York, N. Y.
Application September 21, 1938, Serial No. 80,022
Term of patent 3½ years



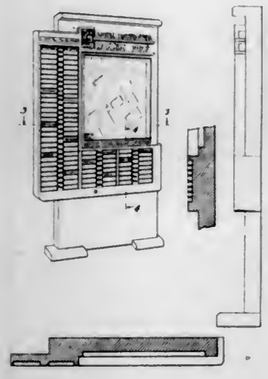
The ornamental design for a sweater, substantially as shown.

111,891
DESIGN FOR A HEATER
Earl C. Booth, Columbus, Ind., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind., a corporation of Indiana
Application September 8, 1938, Serial No. 79,772
Term of patent 7 years



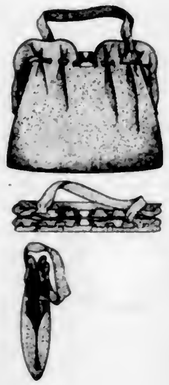
The ornamental design for a heater, as shown.

111,892
DESIGN FOR A DIRECTORY CABINET FOR INDEXING AND DISPLAYING LOCATIONS ON MAPS
Winslow Bushnell, Los Angeles, Calif.
Application August 5, 1938, Serial No. 79,134
Term of patent 7 years



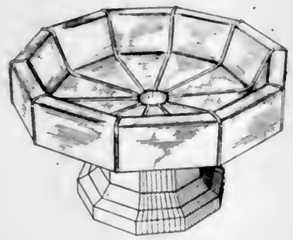
The ornamental design for a directory cabinet for indexing and displaying locations on maps, as shown.

111,893
DESIGN FOR A HANDBAG
Louis J. Coblentz, New York, N. Y.
Application August 23, 1938, Serial No. 79,497
Term of patent 3½ years



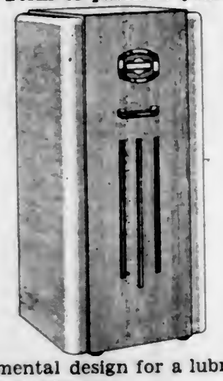
The ornamental design for a handbag, substantially as shown.

111,894
DESIGN FOR A FOUNTAIN BOWL OR LIKE ARTICLE
Michael Conner, Cincinnati, Ohio, assignor of one-half to Sugar Beet Products Company, Saginaw, Mich., a corporation of Michigan
Application March 4, 1938, Serial No. 75,588
Term of patent 14 years



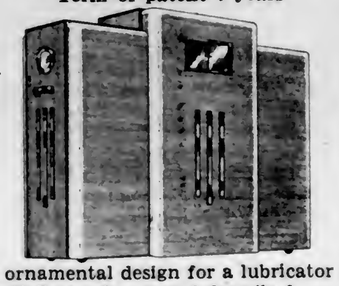
The ornamental design for a fountain bowl or like article, substantially as shown.

111,895
DESIGN FOR A LUBRICATOR CASING
Richard P. Field, Indian Hill, Ohio, assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio, a corporation of Ohio
Application March 28, 1938, Serial No. 76,134
Term of patent 7 years



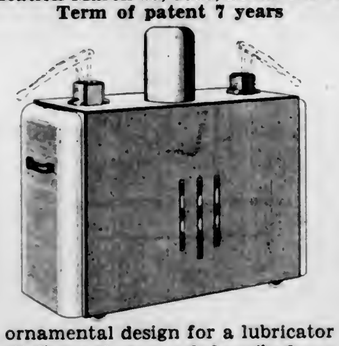
The ornamental design for a lubricator casing, substantially as shown.

111,896
DESIGN FOR A LUBRICATOR CASING
Richard P. Field, Indian Hill, Ohio, assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio, a corporation of Ohio
Application March 28, 1938, Serial No. 76,135
Term of patent 7 years



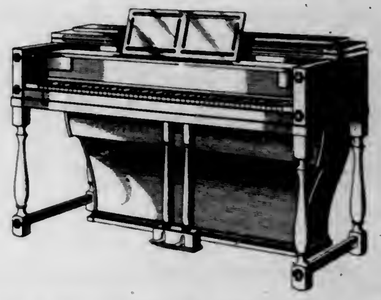
The ornamental design for a lubricator casing substantially as shown and described.

111,897
DESIGN FOR A LUBRICATOR CASING
Richard P. Field, Indian Hill, Ohio, assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio, a corporation of Ohio
Application March 28, 1938, Serial No. 76,136
Term of patent 7 years



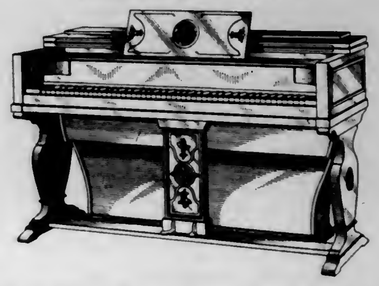
The ornamental design for a lubricator casing, substantially as shown and described.

111,898
DESIGN FOR A PIANO
Henry R. Heller, New York, N. Y., assignor to Winter & Co., New York, N. Y., a corporation of New York
Application February 19, 1938, Serial No. 75,282
Term of patent 7 years



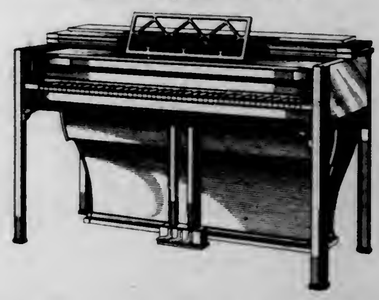
The ornamental design for a piano as shown.

111,899
DESIGN FOR A PIANO
Henry R. Heller, New York, N. Y., assignor to Winter & Co., New York, N. Y., a corporation of New York
Application February 19, 1938, Serial No. 75,283
Term of patent 7 years



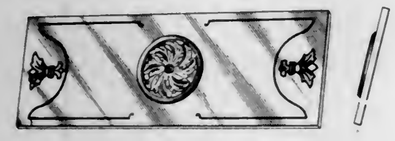
The ornamental design for a piano as shown.

111,900
DESIGN FOR A PIANO
Henry R. Heller, New York, N. Y., assignor to Winter & Co., New York, N. Y., a corporation of New York
Application February 19, 1938, Serial No. 75,286
Term of patent 7 years



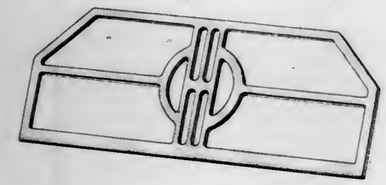
The ornamental design for a piano, as shown.

111,901
DESIGN FOR A PIANO MUSIC RACK
Henry R. Heller, New York, N. Y., assignor to Winter & Co., New York, N. Y., a corporation of New York
Application February 28, 1938, Serial No. 75,463
Term of patent 7 years



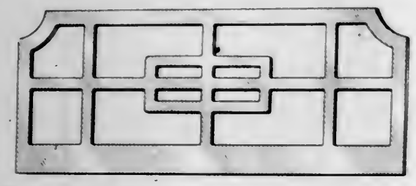
The ornamental design for a piano music rack, as shown.

111,902
DESIGN FOR A PIANO MUSIC RACK
Henry R. Heller, New York, N. Y., assignor to Winter & Co., New York, N. Y., a corporation of New York
Application February 28, 1938, Serial No. 75,464
Term of patent 7 years



The ornamental design for a piano music rack, as shown.

111,903
DESIGN FOR A PIANO MUSIC RACK
Henry R. Heller, New York, N. Y., assignor to Winter & Co., New York, N. Y., a corporation of New York
Application February 28, 1938, Serial No. 75,468
Term of patent 7 years



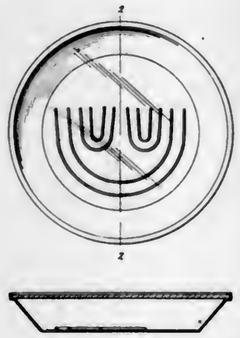
The ornamental design for a piano music rack, as shown.

111,904
DESIGN FOR A LYRE FOR A PIANO
Henry R. Heller, New York, N. Y., assignor to Winter & Co., New York, N. Y., a corporation of New York
Application March 19, 1938, Serial No. 75,950
Term of patent 7 years



The ornamental design for a lyre for a piano, as shown.

111,905
DESIGN FOR A PUZZLE
Samuel Hesse, Memphis, Tenn.
Application February 3, 1938, Serial No. 74,851
Term of patent 7 years



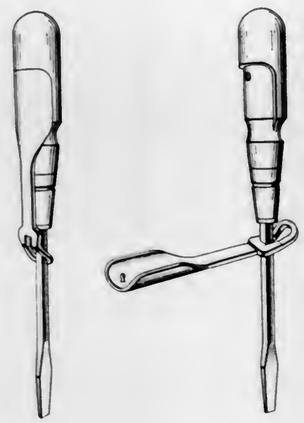
The ornamental design for a puzzle, as shown.

111,906
DESIGN FOR A CHAIR
Kenneth F. Davis and John J. Josephs, Buffalo, N. Y., assignors to The Sikes Company, Inc., Buffalo, N. Y.
Application July 7, 1938, Serial No. 78,336
Term of patent 14 years



The ornamental design for a chair, as shown.

111,907
DESIGN FOR A COMBINED SCREW DRIVER AND WRENCH
Willis E. La Rue, Indianapolis, Ind.
Application July 19, 1938, Serial No. 78,586
Term of patent 14 years



The ornamental design for a combined screw driver and wrench, as shown and described.

111,908
DESIGN FOR A MOISTENING DEVICE OR SIMILAR ARTICLE
Herman B. Lermer, Newark, N. J., assignor, by mesne assignments, to Joseph Lermer, Herman B. Lermer, and Irving S. Lermer, copartners doing business as Hygienic Tube & Container Company
Application June 3, 1937, Serial No. 69,660
Term of patent 7 years



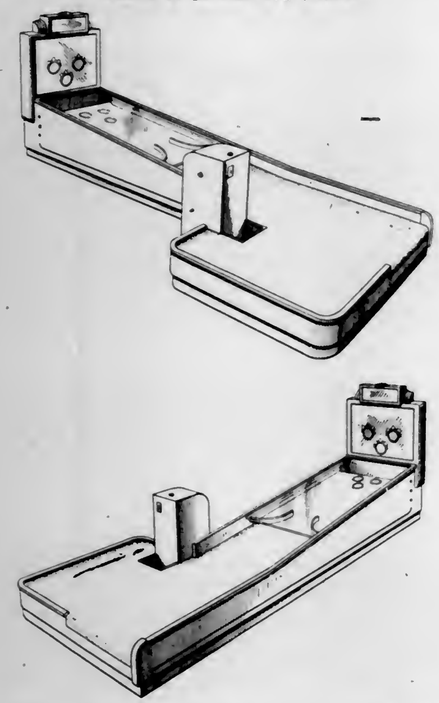
The ornamental design for a moistening device or similar article, as shown.

111,909
DESIGN FOR AN ADVERTISING DISPLAY FIGURE OR ARTICLE OF SIMILAR NATURE
Charles A. Meyerowich, Staten Island, N. Y.
Application August 9, 1938, Serial No. 79,207
Term of patent 14 years



The ornamental design for an advertising display figure or article of similar nature, as shown.

111,910
DESIGN FOR A PUTTING GAME DEVICE
Fred W. Preece, Toledo, Ohio
Application March 14, 1938, Serial No. 75,792
Term of patent 3½ years



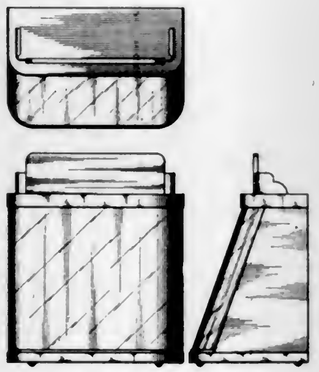
The ornamental design for a putting game device, as shown and described.

111,911
DESIGN FOR A COMBINED CHAIR, HOOK, AND LAMP
Jean Brown Richardson, New York, N. Y.
Application September 8, 1938, Serial No. 79,790
Term of patent 7 years



The ornamental design for a combined chair, hook, and lamp, substantially as shown.

111,912
DESIGN FOR A DISPLAY CASE
Thomas A. Schutz, Chicago, Ill., assignor to Parke, Davis & Company, Detroit, Mich., a corporation of Michigan
Application August 12, 1938, Serial No. 79,291
Term of patent 3½ years



The ornamental design for a display case, as shown.

111,913
DESIGN FOR A DISPLAY RACK
William R. Wright, West Warren, Mass., assignor to Wm. E. Wright & Sons Co., West Warren, Mass., a corporation of New Jersey
Application December 11, 1937, Serial No. 73,545
Term of patent 3½ years



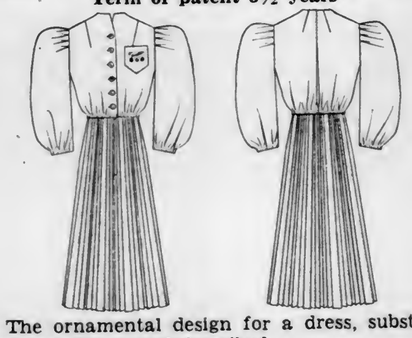
The ornamental design for a display rack, as shown.

111,914
DESIGN FOR A DRESS
Irving Barsky, New York, N. Y.
Application September 9, 1938, Serial No. 79,798
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,915
DESIGN FOR A DRESS
Pauline Fracchia, New York, N. Y.
Application August 24, 1938, Serial No. 79,527
Term of patent 3½ years



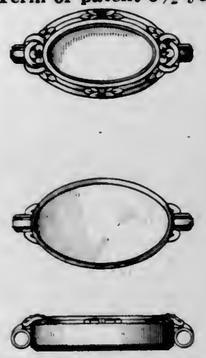
The ornamental design for a dress, substantially as shown and described.

111,916
DESIGN FOR A DRESS
Harry Goldman, New York, N. Y.
Application August 30, 1938, Serial No. 79,630
Term of patent 3½ years



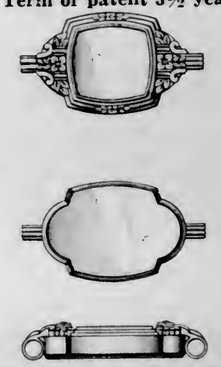
The ornamental design for a dress, substantially as shown and described.

111,917
DESIGN FOR A WATCHCASE
Joseph Granat, San Francisco, Calif.
Application July 22, 1938, Serial No. 78,655
Term of patent 3½ years



The ornamental design for a watchcase, substantially as shown.

111,918
DESIGN FOR A WATCHCASE
Joseph Granat, San Francisco, Calif.
Application July 22, 1938, Serial No. 78,656
Term of patent 3½ years



The ornamental design for a watchcase, substantially as shown.

111,919
DESIGN FOR A DRESS
David William Price, New York, N. Y.
Application September 15, 1938, Serial No. 79,908
Term of patent 3½ years



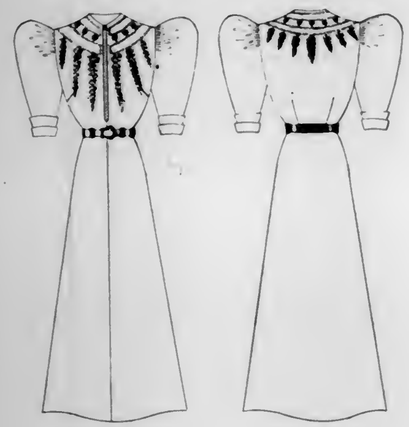
The ornamental design for a dress, substantially as shown and described.

111,920
DESIGN FOR A DRESS
Abraham Samuels, New York, N. Y.
Application September 9, 1938, Serial No. 79,801
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,921
DESIGN FOR A DRESS
Abraham Samuels, New York, N. Y.
Application September 9, 1938, Serial No. 79,803
Term of patent 3½ years



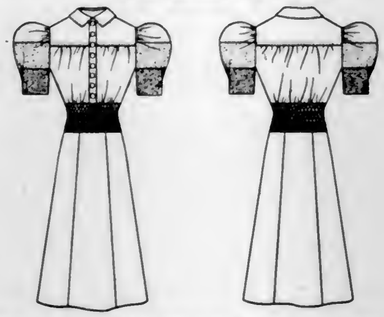
The ornamental design for a dress, substantially as shown.

111,922
DESIGN FOR A DRESS
Philip Schlessel, New York, N. Y.
Application July 30, 1938, Serial No. 78,993
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,923
DESIGN FOR A DRESS
Doris Sennert, New York, N. Y.
Application September 2, 1938, Serial No. 79,700
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,924
DESIGN FOR A DRESS
William Slepin, Philadelphia, Pa.
Application September 19, 1938, Serial No. 79,976
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,925
DESIGN FOR A DRESS
Samuel Zahn, New York, N. Y.
Application July 23, 1938, Serial No. 78,659
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,926
DESIGN FOR A DRESS
Elizabeth M. Ciccone, New York, N. Y.
Application September 24, 1938, Serial No. 80,069
Term of patent 3½ years



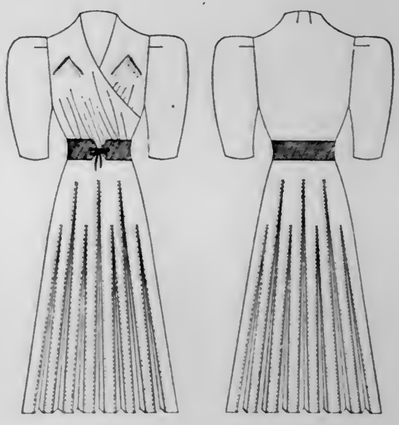
The ornamental design for a dress, substantially as shown.

111,927
DESIGN FOR A DRESS
Arthur Cohen, New York, N. Y.
Application September 30, 1938, Serial No. 80,139
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

111,928
DESIGN FOR A DRESS
Arthur Cohen, New York, N. Y.
Application September 30, 1938, Serial No. 80,140
Term of patent 3½ years



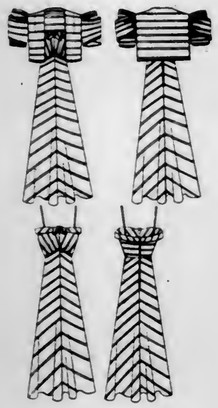
The ornamental design for a dress, substantially as shown.

111,929
DESIGN FOR A DRESS
Tora Coleman, New York, N. Y.
Application September 30, 1938, Serial No. 80,141
Term of patent 3½ years



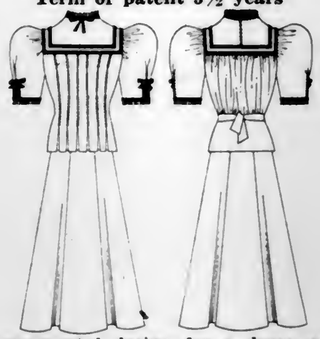
The ornamental design for a dress, substantially as shown.

111,930
DESIGN FOR A DRESS ENSEMBLE
Benjamin Fried, New York, N. Y.
Application September 10, 1938, Serial No. 79,819
Term of patent 3½ years



The ornamental design for a dress ensemble, substantially as shown and described.

111,931
DESIGN FOR A DRESS
Esther Jocell, New York, N. Y.
Application September 20, 1938, Serial No. 80,004
Term of patent 3½ years



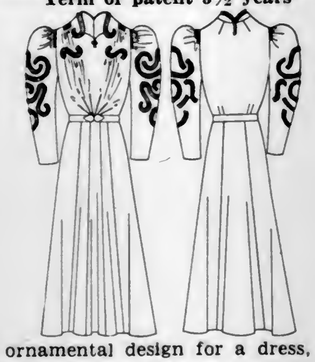
The ornamental design for a dress, substantially as shown.

111,932
DESIGN FOR A DRESS
Marie Mascitelli, New York, N. Y.
Application September 30, 1938, Serial No. 80,152
Term of patent 3½ years



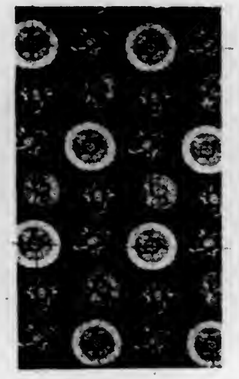
The ornamental design for a dress, substantially as shown and described.

111,933
DESIGN FOR A DRESS
Esther Mast, New York, N. Y.
Application September 24, 1938, Serial No. 80,068
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,934
DESIGN FOR A TEXTILE FABRIC
George Megibow, New York, N. Y.
Application September 30, 1938, Serial No. 80,143
Term of patent 3½ years



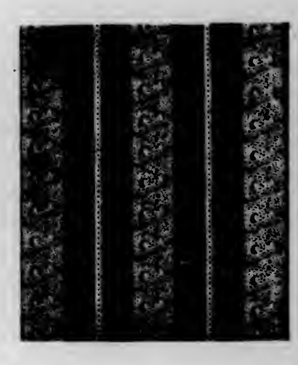
The ornamental design for a textile fabric, substantially as shown and described.

111,935
DESIGN FOR A TEXTILE FABRIC
George Megibow, New York, N. Y.
Application October 3, 1938, Serial No. 80,200
Term of patent 3½ years



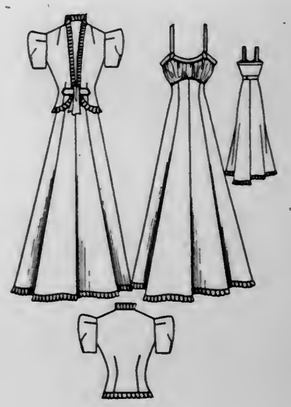
The ornamental design for a textile fabric, substantially as shown.

111,936
DESIGN FOR A TEXTILE FABRIC
George Megibow, New York, N. Y.
Application October 3, 1938, Serial No. 80,201
Term of patent 3½ years



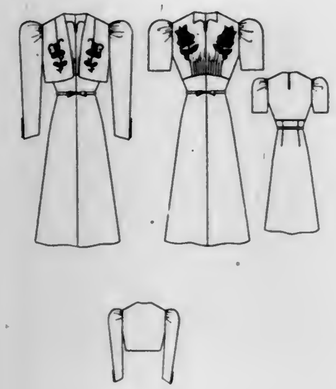
The ornamental design for a textile fabric, substantially as shown.

111,937
DESIGN FOR A DRESS ENSEMBLE
Margaret Michelson, New York, N. Y.
Application July 22, 1938, Serial No. 78,649
Term of patent 3½ years



The ornamental design for a dress ensemble, substantially as shown.

111,938
DESIGN FOR A DRESS ENSEMBLE
Max Reich, Chicago, Ill.
Application October 1, 1938, Serial No. 80,162
Term of patent 3½ years



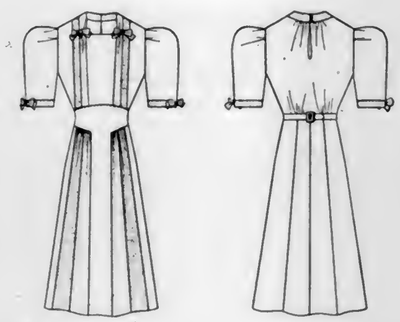
The ornamental design for a dress ensemble, substantially as shown.

111,939
DESIGN FOR A DRESS
Katheryn Rost, New York, N. Y.
Application September 22, 1938, Serial No. 80,032
Term of patent 3½ years



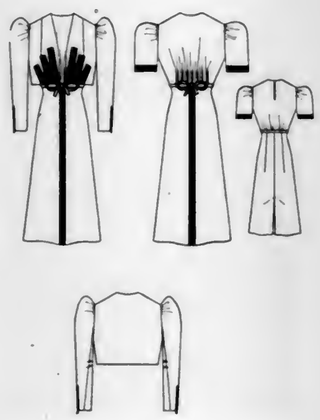
The ornamental design for a dress, substantially as shown and described.

111,940
DESIGN FOR A DRESS
Isadore Roth, St. Louis, Mo.
Application September 23, 1938, Serial No. 80,050
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,941
DESIGN FOR A DRESS ENSEMBLE
Max Reich, Chicago, Ill.
Application October 1, 1938, Serial No. 80,163
Term of patent 3½ years



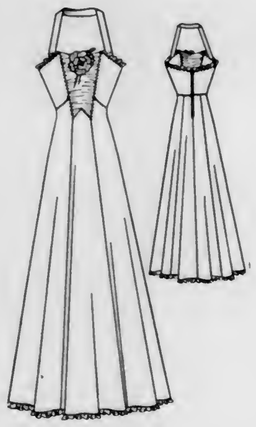
The ornamental design for a dress ensemble, substantially as shown.

111,942
DESIGN FOR A DRESS
Anna Louise Siverts, New York, N. Y.
Application September 21, 1938, Serial No. 80,021
Term of patent 3½ years



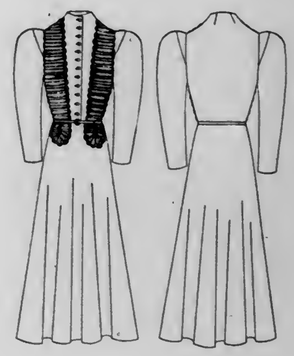
The ornamental design for a dress, substantially as shown.

111,943
DESIGN FOR A DRESS
Mollie Stone, New York, N. Y.
Application August 19, 1938. Serial No. 79,434
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,944
DESIGN FOR A DRESS
Victor Tomshinsky, New York, N. Y.
Application September 24, 1938, Serial No. 80,070
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

111,945
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Mark Turpan, West Englewood, N. J.
Application September 30, 1938, Serial No. 80,149
Term of patent 3½ years



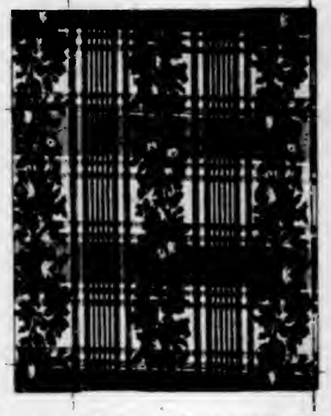
The ornamental design for a textile fabric or similar article, as shown.

111,946
DESIGN FOR A TEXTILE FABRIC
Julia Morris, New York, N. Y.
Application October 5, 1938, Serial No. 80,262
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

111,947
DESIGN FOR A TEXTILE FABRIC
Julia Morris, New York, N. Y.
Application October 5, 1938, Serial No. 80,264
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

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